GEA Geotechnical & Environmental Associates

Tyttenhanger House
Coursers Road
St Albans
AL4 0PG

Site	Number
73 - 75 Avenue Road, London, NW8 6HP	BH10

Excavation Method	Dimensions	Ground Level (mOD)	Client	Job Number
Drive-in Window Sampler			Deroda Investments Limited	J14383
	Location	**Dates** 14/01/2015	**Engineer** Heyne Tillett Steel	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.20)	Topsoil		
					0.20	Made ground: Soft dark brown slightly sandy slightly gravelly silty clay. Gravel is fine to coarse angular to subrounded brick, sandstone, concrete and flint.		
					(0.55)			
					0.75	Made ground: red and yellow medium to coarse gravel and cobble sized brick fragments.		
					(0.25)			
					1.00	Made ground: red, white and yellow fine to coarse angular to subangular gravel sized brick fragments.		
					(0.78)			
					1.78			
					(0.02)	Soft brown slightly gravelly CLAY. Gravel is medium subrounded flint. (Weathered LONDON CLAY)		
					1.80	Complete at 1.80m		

Remarks
Borehole refused at 1.80m. Window sample tool snapped and recovered.

Scale (approx)	Logged By
1:20	AB

Figure No. J14383.BH10

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Tyttenhanger House
Coursers Road
St Albans
AL4 0PG

Site	Number
73 - 75 Avenue Road, London, NW8 6HP	BH11

Excavation Method	Dimensions	Ground Level (mOD)	Client	Job Number
Drive-in Window Sampler			Deroda Investments Limited	J14383
	Location	**Dates** 14/01/2015	**Engineer** Heyne Tillett Steel	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.20)	Grass and topsoil.		
					0.20	Made ground: Soft dark brown sandy gravelly clay. Gravel is fine to coarse angular to subrounded brick, concrete and flint.		
					(1.50)			
					1.70			
					(0.15)	Made ground: Clayey fine to coarse angular to subangular gravel of brick fragments.		
					1.85			
					(0.25)	Orangish brown SAND and GRAVEL. Gravel is fine to coarse angular to subrounded flint.		
					2.10			
					(0.60)	Firm brown very gravelly CLAY. Gravel is fine to medium subangular to subrounded flint. At 2.6m becoming stiff		
					2.70			
					(0.30)	Stiff brown slightly gravelly CLAY. Gravel is fine to medium subangular to subrounded flint. Occasional carbonaceous particles 2mm in diameter. Occasional fine sand partings.		
					3.00	Complete at 3.00m		

Remarks

Scale (approx)	Logged By
1:20	AB

Figure No. J14383.BH11

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Tyttenhanger House
Coursers Road
St Albans
AL4 0PG

Site
73 - 75 Avenue Road, London, NW8 6HP

Number
BH12

Excavation Method	Dimensions	Ground Level (mOD)	Client	Job Number
Drive-in Window Sampler			Deroda Investments Limited	J14383
	Location	**Dates** 14/01/2015	**Engineer** Heyne Tillett Steel	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.20) 0.20	Topsoil		
					(0.60) 0.80	Made ground: Soft dark brown slightly sandy slightly gravelly silty clay. Gravel is fine to coarse angular to subrounded brick, sandstone, concrete and flint.		
					(0.20) 1.00	Made ground: Cobble sized brick fragments.		
					(0.50) 1.50	No recovery.		
						Complete at 1.50m		

Remarks
Borehole refused at 1.50m.

Scale (approx)	Logged By
1:20	AB

Figure No.
J14383.BH12

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Tyttenhanger House
Coursers Road
St Albans
AL4 0PG

Site
73 - 75 Avenue Road, London, NW8 6HP

Number
BH13

Excavation Method	Dimensions	Ground Level (mOD)	Client	Job Number
Drive-in Window Sampler			Deroda Investments Limited	J14383
	Location	**Dates** 14/01/2015	**Engineer** Heyne Tillett Steel	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.30) 0.30	Topsoil		
					(0.20) 0.50	Made ground: Cobble sized brick fragments		
					(0.28) 0.78	Made ground: Soft dark brown slightly sandy slightly gravelly silty CLAY. Gravel is fine to coarse angular to subrounded sandstone, brick, concrete and flint.		
					(0.02) 0.80	Made ground: Concrete		
						Complete at 0.80m		

Remarks
Borehole refused at 0.80m on concrete obstruction.

Scale (approx)	Logged By
1:20	AB

Figure No.
J14383.BH13

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Tyttenhanger House
Coursers Road
St Albans
AL4 0PG

Site	Number
73 - 75 Avenue Road, London, NW8 6HP	BH14

Excavation Method	Dimensions	Ground Level (mOD)	Client	Job Number
Drive-in Window Sampler			Deroda Investments Limited	J14383
	Location	**Dates** 14/01/2015	**Engineer** Heyne Tillett Steel	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.40)	Topsoil.		
					0.40	Complete at 0.40m		

Remarks
Borehole refused at 0.40m.

Scale (approx)	Logged By
1:20	AB

Figure No. J14383.BH14

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GEA Geotechnical & Environmental Associates

Tyttenhanger House
Coursers Road
St Albans
AL4 0PG

Site	Number
73 - 75 Avenue Road, London, NW8 6HP	BH15

Excavation Method	Dimensions	Ground Level (mOD)	Client	Job Number
Drive-in Window Sampler			Deroda Investments Limited	J14383
	Location	**Dates** 14/01/2015	**Engineer** Heyne Tillett Steel	**Sheet** 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.20)	Topsoil		
					0.20	Made ground: Firm dark brown slightly sandy slightly gravelly silty clay. Gravel is fine to medium subangular to subrounded brick, carbonaceous material (possibly burnt material) and flint. Occasional cobble sized brick fragments. Frequent fine to medium roots.		
					(0.40)	At 0.55m becoming sandy		
					0.60	Made ground: Soft orange brown silty clay. Occasional fine to medium subangular brick and flint gravel.		
			At 0.70m PP: 0.75, 1.25, 1.0		(0.20)	Possible made ground: Firm dark brown mottled orange silty clay with occasional fine gravel and gravel sized soft black carbonaceous material . Rare medium gravel of coal. Occasional fine to medium roots.		
			At 0.90m PP: 2.0, 1.75, 2.5		0.80	Soft to firm orangish brown mottled grey silty CLAY. Occasional fine to medium subangular to subrounded gravel.		
					(0.20)			
					1.00			
					(1.30)			
					2.30	Soft to firm orangish brown very gravelly CLAY. Gravel is fine to medium subangular to subrounded gravel.		
					(0.10)			
					2.40	Firm orangish brown mottled grey silty CLAY. Occasional fine to medium subangular to subrounded gravel.		
					(0.20)			
					2.60	Stiff brown mottled grey CLAY with occasional fine to medium subangular to subrounded flint. Occasional partings of chalk sand.		
					(0.20)			
					2.80	Complete at 2.80m		

Remarks
PP refers to Pocket Penetrometer reading.
Borehole refused at 2.80m.

Scale (approx)	Logged By
1:20	AB

Figure No. J14383.BH15

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Appendix D

GEA Ground Movement Analysis

HEYNE TILLETT STEEL

Document Control

Project title	73-75 Avenue Road, London, NW8 6JD	**Project ref**	J14383
Report prepared by	Matthew Penfold MSci MSc DIC CGeol FGS		
Report checked by	Martin Cooper BEng CEng MICE FGS		
Report approved for issue by	Steve Branch BSc MSc CGeol FGS FRGS MIEnvSc		

Issue No	Status	Date	Approved for Issue
1	Final	11 February 2015	
2	Final - Updated	24 March 2016	

This report has been issued by the GEA office indicated below. Any enquiries regarding the report should be directed to the office indicated or to Steve Branch in our Herts office.

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CONTENTS

1.0 INTRODUCTION 1
1.1 Proposed Development 1
1.2 Limitations 2

2.0 THE SITE 2
2.1 Site Description 2

3.0 SUMMARY OF GROUND CONDITIONS 2

4.0 CONSTRUCTION SEQUENCE 3
4.1 Temporary Support to Sheet Piled Walls 3
4.2 Permanent Works 4

5.0 GROUND MOVEMENTS 4
5.1 Ground Movements - Surrounding the Basement 5
5.2 Movements within the Excavation (Heave) 6

6.0 DAMAGE ASSESSMENT 7
6.1 Damage to Neighbouring Properties 8
6.2 Monitoring of Ground Movements 9

8.0 CONCLUSIONS 10

APPENDICES

1.0 INTRODUCTION

Geotechnical and Environmental Associates (GEA) has been commissioned by Heyne Tillett Steel, on behalf of Deroda Investments Limited, to complete a ground movement assessment for the proposed redevelopment of this site at 73–75 Avenue Road, London, NW8 6JD, which is to include excavation of a double level basement.

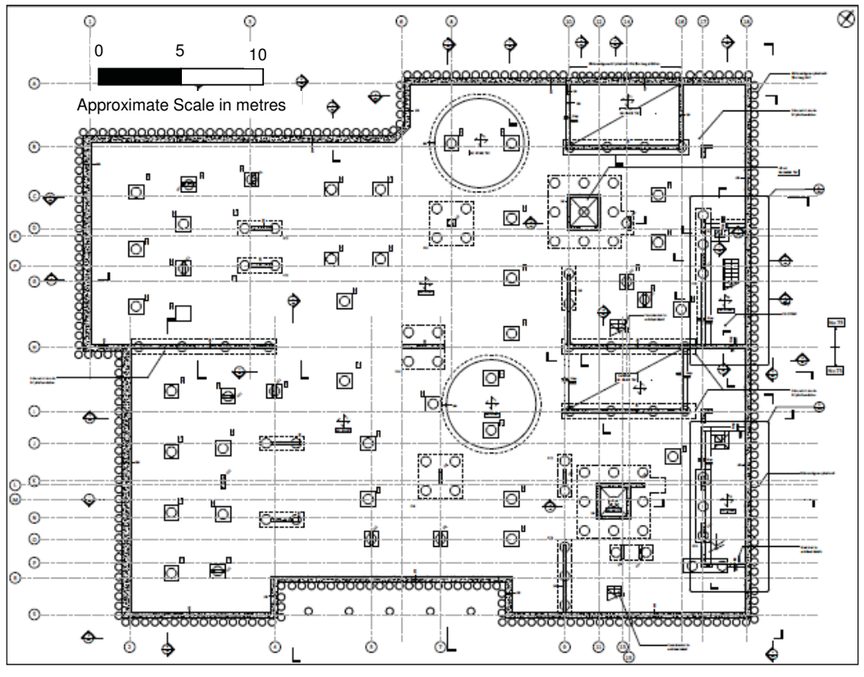
A site investigation has previously been carried out by GEA (report ref J10229, dated December 2010), which was updated to include a hydrogeological assessment (report ref J10229a) in February 2011 and the findings have been used in the derivation of parameters for use in this assessment.

Additional investigation (report ref J14383/AB/1, dated February 2015) was also undertaken to investigate the presence of a tributary of the former River Tyburn. The findings of this work have been reported separately but it may be noted that the investigation did not find any significant evidence to indicate the presence of this former water course beneath the site.

A detailed UXO threat assessment (report ref 2111AT01, dated February 2015) has also been undertaken by 1st Line Defence and has indicated that there is a moderate risk, such that mitigation measures will be required during the development.

The purpose of this assessment has been to determine the effects of the proposed basement construction upon the neighbouring structures.

1.1 Proposed Development



It is understood that it is proposed to demolish the existing building and construct two semi-detached three-storey houses with a double level basement structure that will extend beneath both properties to depths of between 7.5 m and 8.5 m.

The proposed basement will extend beneath the entire footprint of the proposed new houses and into the rear garden and will be formed with a contiguous piled wall, as shown on the drawing above. It is understood that the garden above the basement will be reinstated with a hard covered terrace, whilst the remainder of the garden will remain unchanged

This report is specific to the proposed development and the advice herein should be reviewed prior to commencement of construction.

1.2 Limitations

The conclusions and recommendations made in this report are limited to those that can be made on the basis of the investigation. The results of the work should be viewed in the context of the range of data sources consulted, the number of locations where the ground was sampled and the number of soil, gas or groundwater samples tested; no liability can be accepted for information in other data sources or conditions not revealed by the sampling or testing. Any comments made on the basis of information obtained from the client or other third parties are given in good faith on the assumption that the information is accurate; no independent validation of such information has been made by GEA.

2.0 THE SITE

2.1 Site Description

The site is located approximately 250 m to the northeast of St John's Wood Barracks and fronts onto Avenue Road to the northeast. It is bounded to the northwest by a house (No 77 Avenue Road), to the south by Queen's Grove and to the west by detached houses and their associated gardens. It may be additionally located by National Grid Reference 526920, 183820.

The site is rectangular in shape and measures approximately 40 m by 25 m. A two-storey house occupies the northern part of the site with a tarmac driveway in the northeast. To the south of the house is a swimming pool which has a textile arched roof structure.

The garden area occupying the eastern and western part of the site is sensibly level, but for a rectangular patio area directly to the rear of the house; the house itself and the front driveway are elevated relative to the garden by approximately 0.4 m.

Vegetation at the site includes a large number of semi-mature and mature deciduous trees of various species, located on all boundaries.

3.0 SUMMARY OF GROUND CONDITIONS

The 2010 / 2011 investigation confirmed the expected ground conditions, in that, beneath a moderate thickness of made ground, comprising brown silty gravelly clay with brick fragments, which extended to depths of between 0.90 m and 1.40 m, London Clay was encountered and proved to the full depth investigated of 25.45 m.

The London Clay initially comprised a naturally reworked layer of brown gravelly clay, extending to depths of 2.9 m and 4.30 m in Borehole Nos 1 and 2 respectively, whereupon firm becoming stiff mottled brown clay was encountered to depths of 7.40 m and 9.40 m respectively. Stiff becoming very stiff grey fissured clay was encountered below the brown clay and extended to the full depth investigated of 25.45 m. A claystone was encountered in Borehole No 1 at 7.40 m.

Groundwater was not encountered during the drilling, but subsequent monitoring measured groundwater at a depth of 7.7 m.

The recent investigation has broadly confirmed the expected ground conditions in that, below a variable thickness of made ground, the London Clay Formation was encountered and proved to the full depth of the investigation of 3.0 m. This investigation was concentrated in the area between the existing house and adjacent swimming pool and indicated a significant and variable amount of made ground with numerous obstructions that restricted the depths of a number of the boreholes. Where proved, the made ground generally extended to depths of between 1.2m and 2.3 m and in two boreholes was found to be underlain by greyish yellow or orange-brown sand and gravel to a depth of 2.10m. It is unclear whether this material was made ground imported as part of the swimming pool construction, was naturally occurring. The underlying London Clay comprised soft to firm, becoming stiff, orange-brown becoming brown occasionally gravelly silty clay.

Groundwater was not encountered during drilling. However, the made ground was noted to be wet in a number of locations.

A review of deep borehole records held on the British Geological Society (BGS) database, the closest of which is located 300 m to the north of the site, indicates that the London Clay extends to depths of between 80 m to 85 m, below which the Lambeth Group, Thanet Sand and Upper Chalk were found to be present.

4.0 CONSTRUCTION SEQUENCE

The following sequence of operations has been derived to enable analysis of the ground movements around the basement both during and after construction.

Essentially the sequence may be considered as three groups of activities, the first two comprising the short and medium term temporary works whilst the third represents the construction of the permanent works.

It may be necessary to consider some form of support to the garden / adjoining walls during construction of the basement although piled retaining walls are being adopted for the basement, which should minimise the effects on neighbouring structures.

The detail of the support provided to adjacent walls is beyond the scope of this report at this stage and the structural engineer will be best placed to agree a methodology with the piling contractor once appointed. However, it is assumed that propping of all walls will take place through the temporary and permanent works.

4.1 Temporary Support to Piled Walls

Following the installation of the bored pile wall and capping beams at ground floor level, temporary props will be installed and the basement excavation will proceed. The detail of section sizes and spacings will be finalised by the contractor but it is anticipated that the

general philosophy adopted will be for diagonal braces to be used across the corners or returns of the basement walls whilst props will be positioned at regular intervals along the long walls of the basement. Where horizontal restraint cannot be provided by other parts of the piled wall the prop forces will be provided by so-called ‘flying shores’ where the reaction to horizontal forces is provided by pile caps, gravity blocks or basement thickenings in the centre of the excavation.

It is anticipated that steel temporary props will be used with strut forces spread along the wall by steel waling beams fixed to the piles. Although the detail of the propping is to be finalised there is the option to use hydraulic ‘active’ props where the propping force is applied prior to excavation in order to minimise movement at critical locations.

Excavation will proceed in stages and in broad terms the order of operations will be install capping beam props, excavate to a suitable depth below the next propping level, install props and then repeat the operation until the final excavation level has been reached.

4.2 Permanent Works

When the final excavation depths have been reached the permanent works will be formed. The basement is understood to comprise reinforced concrete walls with a drained cavity lining the inside of the bored pile wall. Reinforced concrete will be used for floor slabs and it is anticipated that heave protection will be installed beneath the lowest slabs.

It is anticipated that the floor slabs will be constructed lowest level first and when each floor has achieved adequate strength, the temporary props will be removed and the subsequent walls and floors cast until the structure is complete.

5.0 GROUND MOVEMENTS

An assessment of ground movements within and surrounding the excavation has been undertaken using the X-Disp and P-Disp computer programs licensed from the OASYS suite of geotechnical modelling software from Arup. These programs are commonly used within the ground engineering industry and are considered to be appropriate tools for this analysis.

The X-Disp (Version 19.3.1.35) program has been used to predict ground movements likely to arise from the construction of the proposed basement. This includes the settlement of the ground (vertical movement) and the lateral movement of soil behind the proposed retaining walls (horizontal movement).

The analysis of potential ground movements within the excavation, as a result of unloading of the underlying soils, has been carried out using the Oasys P-Disp (Version 19.3.0.4) software package and is based on the assumption that the soils behave elastically, which provides a reasonable approximation to soil behaviour at small strains.

For the purpose of these analyses, the corners have been defined by x and y coordinates, with the x-direction parallel with the orientation of Queen’s Grove (approx. east-west), whilst the y-direction is parallel with the orientation of the Avenue Road (approx. north-south). Vertical movement is in the z-direction.

Due to the shape of the proposed basement, it has been necessary to divide the proposed footprint up into a number of individual rectangles for the purpose of the analysis. Whilst this

does mean that the model more closely reflects the actual basement construction, an artefact of the way that the software works means that, where individual areas meet, there is an interaction between the predicted movements calculated for each area, which leads to an overestimate of the likely movements where this overlap occurs, such that the model can be considered to be extremely conservative in these areas.

It is assumed that suitable propping will be provided during the construction of the basement and in the permanent condition, such that the walls can be considered to be stiff for the purpose of the ground movement modelling. Contour plots and the full outputs of the analyses are included in the appendix.

5.1 Ground Movements – Surrounding the Basement

5.1.1 Model Used

For the X-Disp analysis, the soil movement relationships used for the embedded retaining walls are the default values within CIRIA report C580[1], which were derived from a number of historic case studies of the short term movements that result from wall installation and basement excavation.

For the new basement construction, which will be formed through contiguous piling, the ground movement curves for 'installation of contiguous bored pile wall in stiff clay' have been adopted as being most appropriate for modelling the likely ground movements during the installation phase, as it is assumed that the piles will be embedded into the underlying London Clay.

The ground movement curves for 'excavations in front of high stiffness wall in clay' have then been adopted to provide an estimate of the likely movements from the subsequent excavations. The magnitudes of ground differential movement predicted by the program have been assessed.

5.1.2 Results

The movements predicted by X-Disp are summarised in the table below; the results are presented below and in subsequent tables to the degree of accuracy required to allow predicted variations in ground movements around the structure to be illustrated, but may not reflect the anticipated accuracy of the predictions.

Phase of Works	Wall Movement (mm)	
	Vertical Settlement	Horizontal Movement
Pile Installation	5 to 10	5 to 10
Basement Excavation	5 to 10	10 to 15
Combined Movements	10 to 20	15 to 25

The analysis has indicated that the maximum vertical and horizontal settlements that will result from pile installation are less than 10 mm. The maximum vertical settlement that will take place behind the walls as a result of the basement excavation is unlikely to exceed 10 mm with up to 10 mm to 15 mm of maximum horizontal movement.

[1] Gaba, A, Simpson, B, Powrie, W and Beadman, D (2003) *Embedded retaining walls – guidance for economic design* .CIRIA Report C580.

The movements arising from the combined piling and excavation phases are therefore not likely to exceed 15 mm of vertical settlement, whilst the maximum horizontal movements are anticipated to be between 15 mm to 25 mm.

The estimated movements are considered to represent a worst case scenario, particularly as the movements resulting from basement excavation will be minimised due to control of the propping in the temporary works and a regime of monitoring.

5.2 Movements within the Excavation (Heave)

5.2.1 Model Used

At this site unloading of the London Clay will take place as a result of the basement excavation and the reduction in vertical stress will cause heave to take place. Undrained soil parameters have been used to estimate the potential short term movements, which include the "immediate" or elastic movements as a result of the basement excavation. Drained parameters have been used to provide an estimate of the total long-term movement.

The elastic analysis requires values of soil stiffness at various levels to calculate displacements. Values of stiffness for the soils at this site are readily available from published data and we have used a well-established method to provide our estimates. This relates values of E_u and E', the drained and undrained stiffness respectively, to values of undrained cohesion, as described by Padfield and Sharrock[2] and Butler[3] and more recently by O'Brien and Sharp[4]. Relationships of $E_u = 500\ C_u$ and $E' = 300\ C_u$ for the cohesive soils and 2000 x SPT 'N' for granular soils have been used to obtain values of Young's modulus. More recent published data[5] indicates stiffness values of 750 x Cu for the London Clay and a ratio of E' to Cu of 0.75, but it is considered that the use of the more conservative values provides a sensible approach for this stage in the design.

The proposed construction of the new basement will result in a net unloading of roughly 160 kN/m².

A rigid boundary for the analysis has been set within the London Clay at a depth of about 80 m below existing ground level, where nearby BGS records indicate that the base of this formation is likely to be present. Below this depth the essentially incompressible soils of the Lambeth Group should be present.

5.2.2 Results

An assessment of ground movements within the basement excavation has been undertaken by GEA using the P-Disp computer program licensed from the OASYS suite of programmes from Arup. The predicted movements are summarised in the table below.

Location	Movement (mm)		
	Short-term Heave (Excavation Phase)	Long-term Heave (post construction)	Total Heave
Centre of excavation (max heave)	40	60	100

[2] Padfield CJ and Sharrock MJ (1983) *Settlement of structures on clay soils.* CIRIA Special Publication 27
[3] Butler FG (1974) *Heavily overconsolidated clays: a state of the art review.* Proc Conf Settlement of Structures, Cambridge, 531-578, Pentech Press, Lond
[4] O'Brien AS and Sharp P (2001) *Settlement and heave of overconsolidated clays - a simplified non-linear method.* Part Two, Ground Engineering, Nov 2001, 48-53
[5] Burland JB, Standing, JR, and Jardine, FM (2001) Building response to tunnelling, case studies from construction of the Jubilee Line Extension.. CIRIA Special Publication 200

Location	Movement (mm)		
	Short-term Heave (Excavation Phase)	Long-term Heave (post construction)	Total Heave
Edge of excavation	20	30	50
At 5 m from edge of excavation	<10	<15	20

The P-Disp analysis indicates that, by the time the basement construction is complete, up to 40 mm of heave is likely to have taken place at the centre of the proposed excavations, reducing to approximately 20 mm at the edges.

In the long term, following completion of the basement construction, a further 60 mm of heave is estimated as a result of long term swelling of the underlying London Clay.

The results of the P-Disp analysis also indicate the likely impact of the proposed basement construction beyond the site boundaries. It is, however, important to bear in mind that the figures in the above table are based on an unrestrained excavation as the model is unable to take account of the mitigating effect of the existing (or proposed) structures, the stiffness of the proposed floor slab and the retaining structures, which in reality will combine to restrict these movements within the basement excavation. The movements predicted at or just beyond the site boundaries are unlikely to be fully realised and should not therefore have a detrimental impact upon any nearby structures.

In order to mitigate the effects of heave on the new building, the basement boxes could be designed to transmit heave forces into the wall piles or onto tension piles within the basement.

If a compressible material is used beneath the slab, it will need to be designed with respect to the potential uplift forces generated by the ground movements, which are typically taken to equate to around 50% of the total unloading pressure.

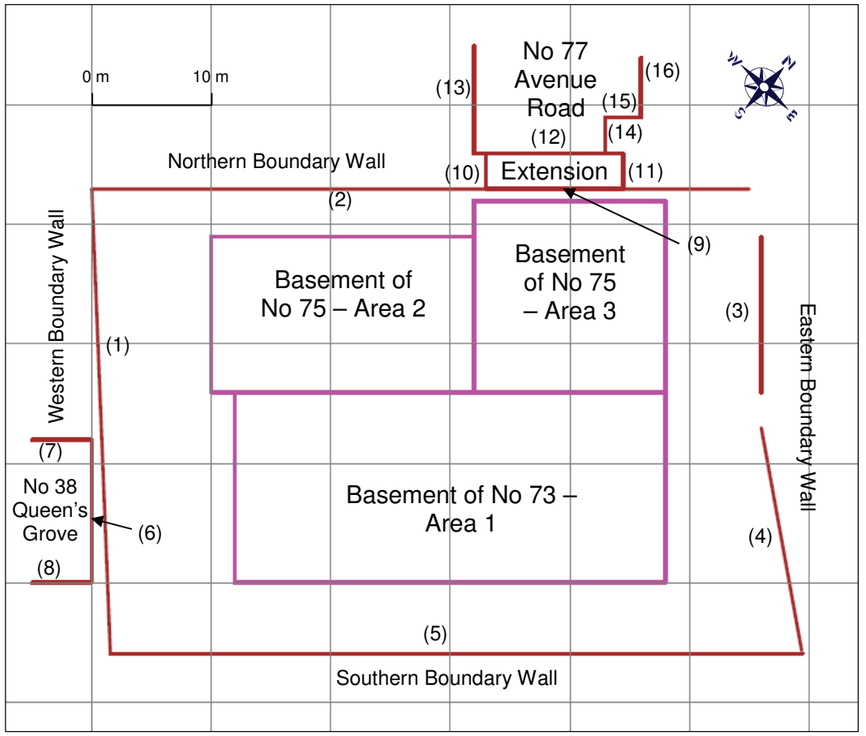
6.0 DAMAGE ASSESSMENT

In addition to the above assessment of the likely movements that will result from the proposed development, some of the neighbouring structures have been set as sensitive structures, requiring Building Damage Assessments, on the basis of the classification given in Table 2.5 of C580[1]. This includes;

- The adjoining property of No 77 Avenue Road, to the north;
- No 38 Queen's Grove, located to the west of the site; and
- the boundary walls of the site.

The sensitive structures have been modelled as lines in the analysis and are the lines along which the damage assessment has been undertaken. For clarity these critical lines are shown on the plan below.

For the analyses it has been assumed that neither of the adjoining buildings have basements, such that the average foundation depths can therefore be assumed as being close to existing ground level.



6.1 Damage to Neighbouring Structures

The combined movements resulting from both pile installation and basement excavation calculated using the X-Dips modelling software have been used to carry out an assessment of the likely damage to adjacent properties and the results are summarised in the table below.

The potential heave movements predicted by P-Disp have not been included in this assessment, which can therefore be considered as conservative, as these movements are likely to have a mitigating effect on the downward settlement predicted by X-Disp.

Building Damage Assessment		
Sensitive Structure	Elevation	Category of Damage*
Boundary Walls	Western (1)	Category 0 (Negligible)
	Northern (2)	Category 0 (Negligible) to Category 1 (Very Slight)
	Eastern (3 & 4)	Category 0 (Negligible)
	Southern (5)	Category 0 (Negligible)

No 38 Queen's Grove (building footprint at ground level)	Eastern Elevation (6)	Category 0 (Negligible)
	Northern Elevation (7)	Category 1 (Very Slight)
	Southern Elevation (8)	Category 0 (Negligible)
No 77 Avenue Road - Extension (building footprint at ground level)	Southern Elevation (9)	Category 0 (Negligible)
	Western Elevation (10)	Category 2 (Slight)
	Eastern Elevation (11)	Category 1 (Very Slight)
No 77 Avenue Road (building footprint at ground level)	Southern Elevation (12)	Category 0 (Negligible)
	Western Elevation (13)	Category 2 (Slight)
	Eastern Elevation (14 to 16)	Category 0 (Negligible) to Category 1 (Very Slight)

**Refer to Table 2.5 of C580[1]: Classification of visible damage to walls.*

The building damage reports for sensitive structures highlighted in the above table predict that the damage to the adjoining and nearby structures would generally be Category 0 (Negligible) to Category 1 (Very Slight), with limited sections of Category 2 (Slight) damage to the western elevations of the garage extension and main house of No 77 Avenue Road. However, it is important to note that these areas coincide with locations where there is overlap in the modelling and thus where ground movements are likely to have been overestimated, such that it should be possible to downgrade the damage category in these areas to Category 1 (Very Slight).

It should also be noted that the results discussed above are based on individual building lines, or walls, which have been further divided up into a series of segments that can move independently of each other. In reality this is unlikely to be the case as the walls will behave as single stiff elements that are also joined continuously with the rest of the structure.

The results therefore provide a conservative estimate of the behaviour of each of the sensitive structures, although they provide a useful indication of the most critical structures within the adjoining properties.

6.2 Monitoring of Ground Movements

The predictions of ground movement based on the ground movement analysis will be checked by monitoring of adjacent properties and structures. The structures to be monitored during the construction stages will include;

- the adjoining properties of No 38 Queen's Grove and No 77 Avenue Road;
- the existing boundary walls with the adjoin properties, Queen's Grove and Avenue Road; and
- the sections of bored piled walls.

Condition surveys of the above existing structures will be carried out before and after the proposed works.

The precise monitoring strategy will be developed at a later stage and it will be subject to discussions and agreements with the owners of the adjacent properties and structures. Contingency measures will be implemented if movements of the adjacent structures exceed predefined trigger levels. Both contingency measures and trigger levels will need to be developed within a future monitoring specification for the works.

7.0 CONCLUSIONS

The analysis has concluded that the predicted damage to the neighbouring properties would generally be 'negligible' to 'very slight', with the exception of western elevations of No 77 Avenue Road and the adjoining garage extension, where Category 2 (slight) damage is indicated.

It is important to bear in mind that the results provide a conservative estimate of the behaviour of each of the sensitive structures and that in reality the predicted movements are unlikely to be fully realised. The predicted damage categories represent an overestimate and that the maximum damage potential is unlikely to exceed Category 1 (Very Slight). However, the results do provide a useful indication of the most critical structures within the adjoining properties and identify where mitigation measures may need to be designed and adopted to ensure they are not adversely affected by the proposed development.

On this basis, the damage that would inevitably occur as a result of such an excavation would fall within acceptable limits, although it would be prudent for monitoring and mitigation measures to be implemented to ensure that no excessive movements occur that would lead to damage in excess of these limits.

In practice, demolition of the existing extension building, underpinning of the existing foundations and the subsequent excavation of the proposed basement, will be staged processes and will take place over a number of weeks. This will provide an opportunity for the ground movements during and immediately after the installation of the retaining walls to be measured and the data acquired can be fed back into the design and compared with the predicted values. Such a comparison will allow the ground model to be reviewed and the predicted wall movements to be reassessed prior to the main excavation taking place, so that propping arrangements can be adjusted if required.

APPENDICES

SOIL DISPLACEMENT MODEL RESULTS

X-DISP ANALYSIS

Pile Installation

Contour Plots of Vertical Movements and Horizontal Movements

Basement Excavation

Contour Plots of Vertical and Horizontal Movements

Pile Installation and Basement Excavation

Contour Plots of Combined Vertical Movements and Horizontal Movements

P-DISP ANALYSIS

Short Term Movement

Total Movement

BUILDING DAMAGE ASSESSMENT (X-DISP)

Tabular Output of Results

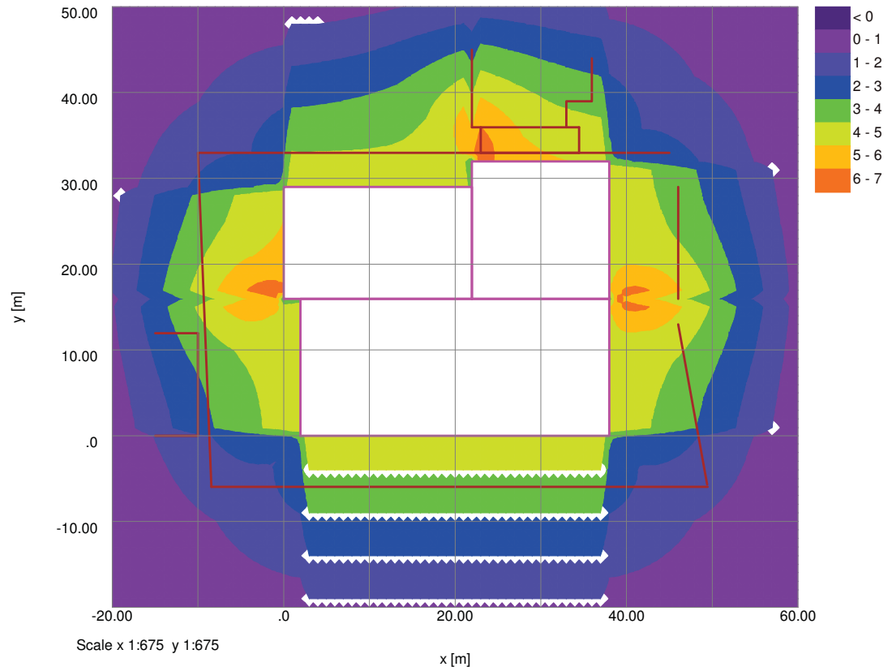
Oasys

73-75 Avenue Road

Pile Installation

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

Vertical Settlement Contours: Grid 1 (level 0.000m) (Interval 1mm)



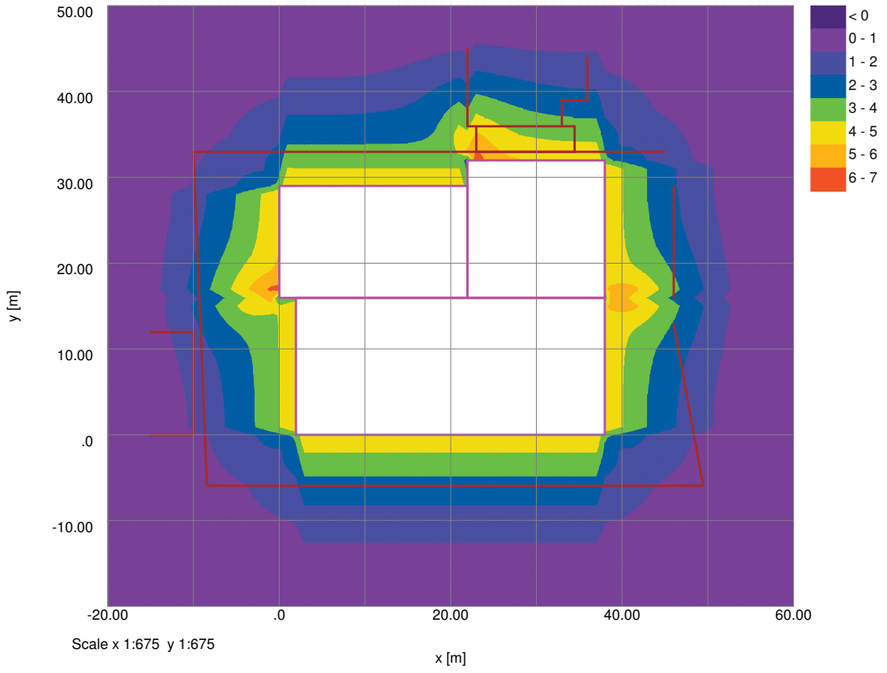
Oasys

73-75 Avenue Road

Pile Installation

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

Horizontal Displacement Contours: Grid 1 (level 0.000m) Interval 1mm



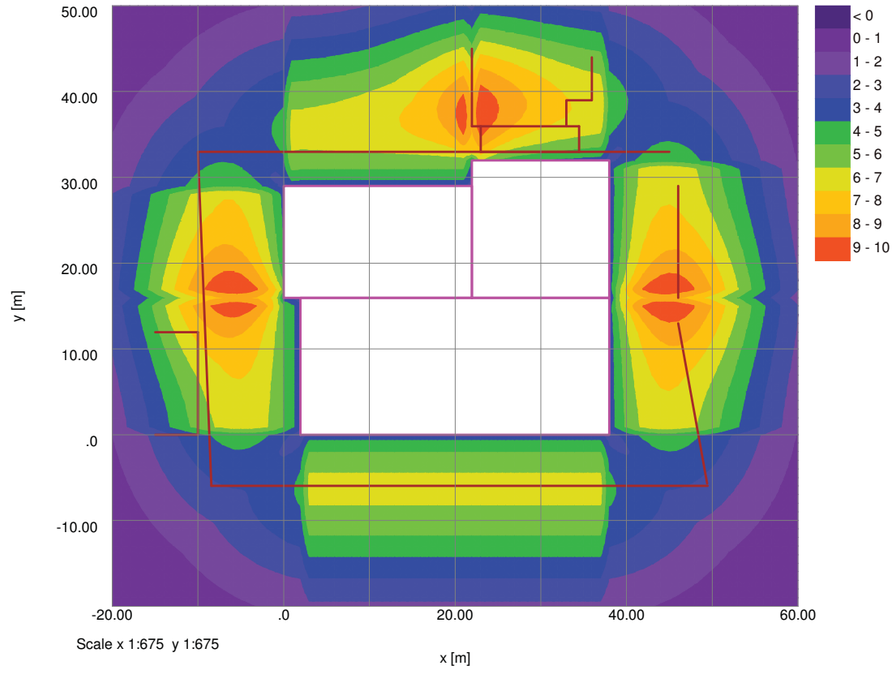
Oasys

73-75 Avenue Road

Excavation Phase

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

Vertical Settlement Contours: Grid 1 (level 0.000m) (Interval 1mm)



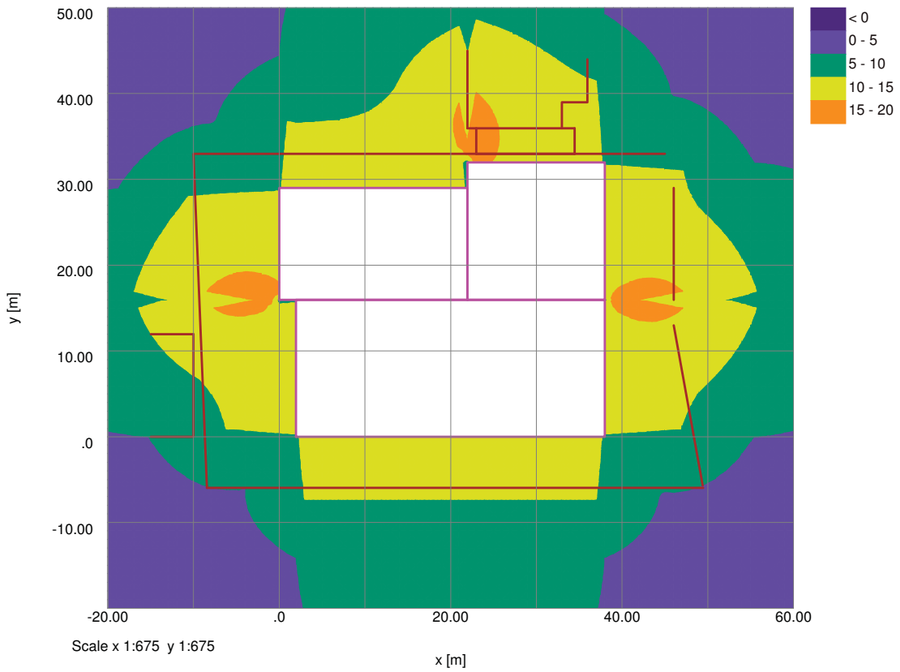
Oasys

73-75 Avenue Road

Excavation Phase

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

Horizontal Displacement Contours: Grid 1 (level 0.000m) Interval 5mm



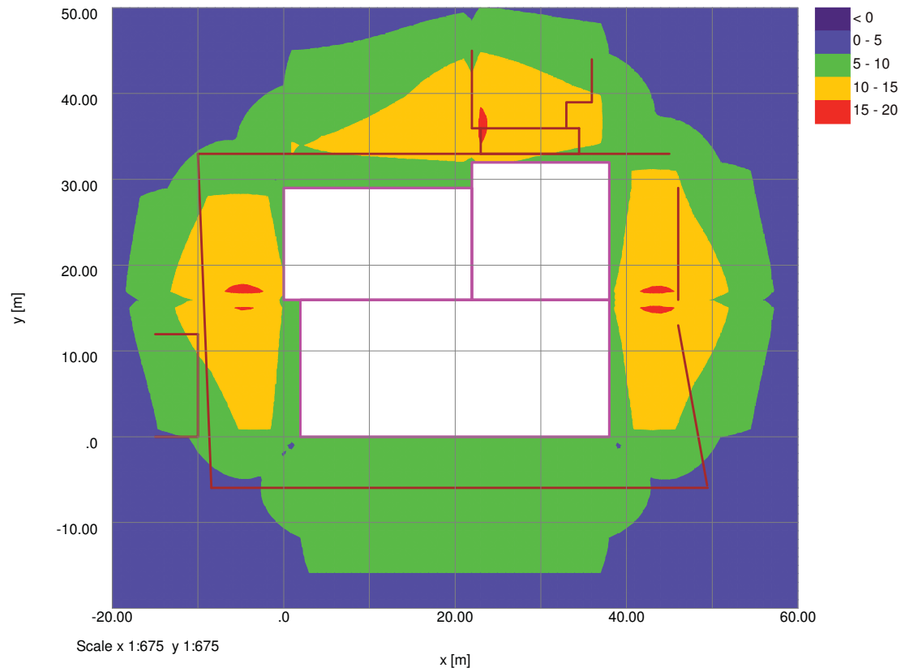
Oasys

73-75 Avenue Road

Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

Vertical Settlement Contours: Grid 1 (level 0.000m) (Interval 5mm)



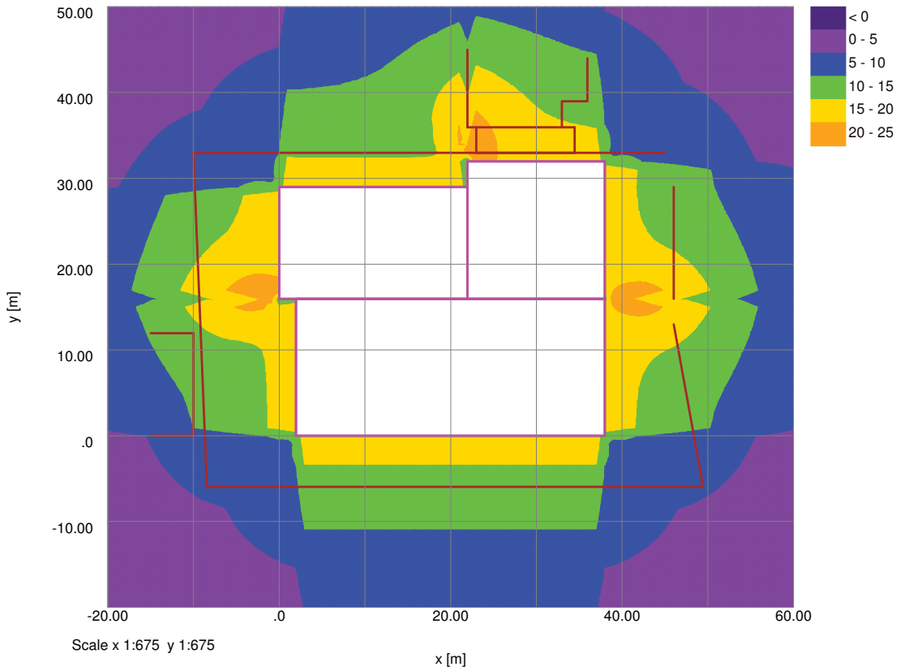
Oasys

73-75 Avenue Road

Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

Horizontal Displacement Contours: Grid 1 (level 0.000m) Interval 5mm



Scale x 1:675 y 1:675

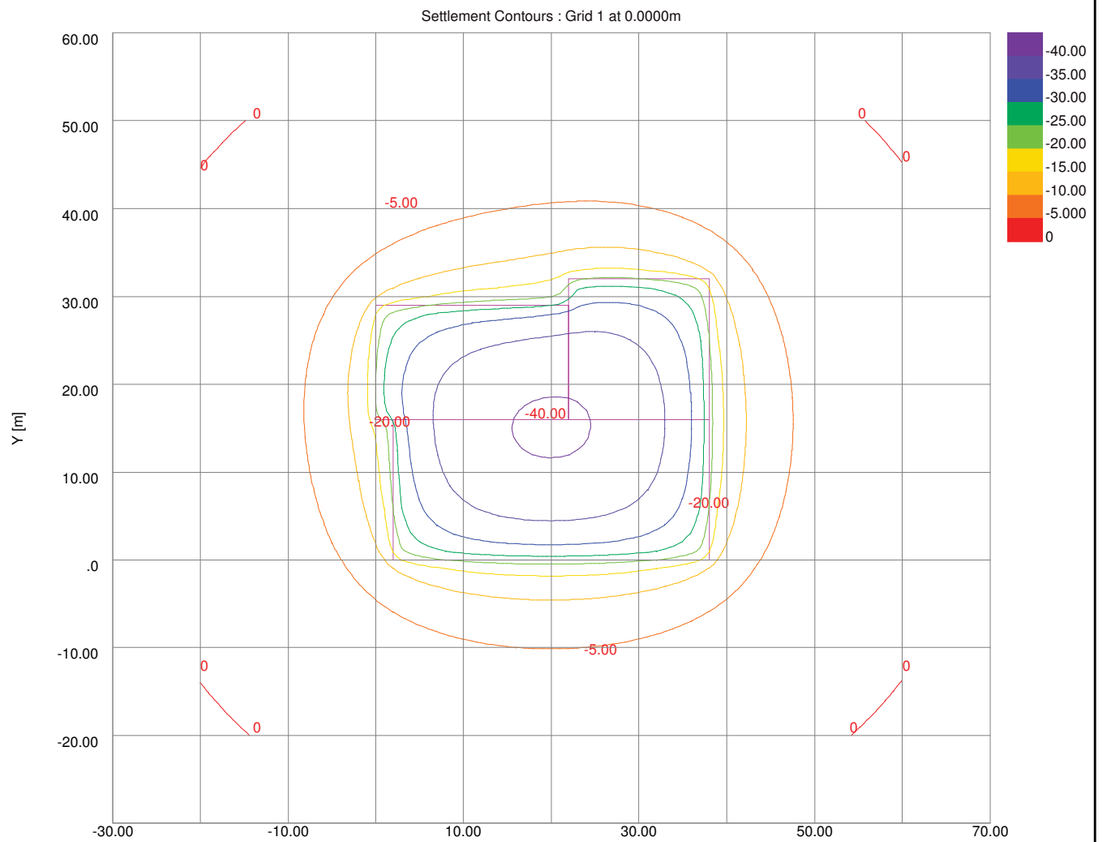
Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Settlement Contours : Grid 1 at 0.0000m



Scale x 1:660 y 1:660
Contour Interval: 5mm

Analysis Options

Analysis: Boussinesq
Global Poisson's ratio: 0.50
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: -80.00 [m OD]
Displacements at area centroids calculated.

Soil ProfilesSoil Profile 1

Layer	Level at top	Number of intermediate displacement levels	Youngs Modulus Top	Youngs Modulus Btm	Poissons ratio	Non-linear curve
	[mOD]		[kN/m²]	[kN/m²]		
1	0.0	1	7500.0	7500.0	0.50000	None
2	-2.0000	6	30000.	42500.	0.50000	None
3	-8.5000	16	42500.	75000.	0.50000	None
4	-25.000	55	75000.	157500.	0.50000	None

Soil Zones

Zone	Name	X coordinates min [m]	X coordinates max [m]	Y coordinates min [m]	Y coordinates max [m]	Profile
1	Soil Zone 1	-20.000	60.000	-20.000	50.000	Soil Profile 1

Load Data

Load ref.	Name	Shape	Orientation of Plane	Centre of load (Global) X [m]	Y [m]	Z (level) [m]	Load position Angle of local x from [Degrees]	Width x or Radius [m]	Length y [m]	Polygon Coordinates [m]	Rectangle tolerance	Number of rectangles	Load value Normal (local z) [kN/m²]	Tangential (local x) [kN/m²]	(local y) [kN/m²]
1	Load 1	Rectangular	Horizontal	20.000	8.0000	-8.5000	0.0	36.000	16.000	N/A	N/A	1	-160.00	0.0	0.0
2	Load 2	Rectangular	Horizontal	11.000	22.500	-8.5000	0.0	22.000	13.000	N/A	N/A	1	-160.00	0.0	0.0
3	Load 3	Rectangular	Horizontal	30.000	24.000	-8.5000	0.0	16.000	16.000	N/A	N/A	1	-160.00	0.0	0.0

Displacement Data

Ref.	Type	Name	Direction of Extrusion	Line/Line for extrusion First point X [m]	First point Y [m]	First point Z(level) [m]	Second point X [m]	Second point Y [m]	Second point Z(level) [m]	No. of intrvls across extrusion/line	Extrusion Depth [m]	No. of intrvls along extrusion	Calculate	Show Detailed results
1	Grid	Grid 1	Global X	-20.000	-20.000	0.0	N/A	50.000	0.0	70	80.000	80	Yes	No
2	Grid	Grid 2	Global X	-20.000	-20.000	-8.5000	N/A	50.000	-8.5000	70	80.000	80	Yes	No

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.50
Horizontal rigid boundary level: -80.00 [m OD]

The maximum displacement difference between
Boussinesq method (-32.450mm) and Mindlin method (-24.857mm)
occurs at point X=32.000m Y=26.000m Level 0.0mOD and is 7.5931mm

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
Load 1	20.00000	8.00000	-8.50000	-38.347	-8.9310	-159.99	-466.35	-157.23E-6
Load 2	11.00000	22.50000	-8.50000	-35.994	-8.9310	-159.99	-463.67	-187.92E-6
Load 3	30.00000	24.00000	-8.50000	-35.277	-8.9310	-159.99	-463.34	-191.83E-6
Grid 1	-20.00000	-20.00000	0.00000	0.19586	-0.50000	0.0	0.0	0.0
	-19.00000	-20.00000	0.00000	0.16546	-0.50000	0.0	0.0	0.0
	-18.00000	-20.00000	0.00000	0.13314	-0.50000	0.0	0.0	0.0
	-17.00000	-20.00000	0.00000	0.098854	-0.50000	0.0	0.0	0.0
	-16.00000	-20.00000	0.00000	0.062578	-0.50000	0.0	0.0	0.0
	-15.00000	-20.00000	0.00000	0.024292	-0.50000	0.0	0.0	0.0
	-14.00000	-20.00000	0.00000	-0.016008	-0.50000	0.0	0.0	0.0
	-13.00000	-20.00000	0.00000	-0.058319	-0.50000	0.0	0.0	0.0
	-12.00000	-20.00000	0.00000	-0.10262	-0.50000	0.0	0.0	0.0
	-11.00000	-20.00000	0.00000	-0.14887	-0.50000	0.0	0.0	0.0
	-10.00000	-20.00000	0.00000	-0.19701	-0.50000	0.0	0.0	0.0
	-9.00000	-20.00000	0.00000	-0.24696	-0.50000	0.0	0.0	0.0
	-8.00000	-20.00000	0.00000	-0.29863	-0.50000	0.0	0.0	0.0
	-7.00000	-20.00000	0.00000	-0.35188	-0.50000	0.0	0.0	0.0
	-6.00000	-20.00000	0.00000	-0.40657	-0.50000	0.0	0.0	0.0
	-5.00000	-20.00000	0.00000	-0.46252	-0.50000	0.0	0.0	0.0
	-4.00000	-20.00000	0.00000	-0.51953	-0.50000	0.0	0.0	0.0
	-3.00000	-20.00000	0.00000	-0.57736	-0.50000	0.0	0.0	0.0
	-2.00000	-20.00000	0.00000	-0.63577	-0.50000	0.0	0.0	0.0
	-1.00000	-20.00000	0.00000	-0.69448	-0.50000	0.0	0.0	0.0
	0.00000	-20.00000	0.00000	-0.75319	-0.50000	0.0	0.0	0.0
	1.00000	-20.00000	0.00000	-0.81160	-0.50000	0.0	0.0	0.0
	2.00000	-20.00000	0.00000	-0.86938	-0.50000	0.0	0.0	0.0
	3.00000	-20.00000	0.00000	-0.92620	-0.50000	0.0	0.0	0.0
	4.00000	-20.00000	0.00000	-0.98173	-0.50000	0.0	0.0	0.0
	5.00000	-20.00000	0.00000	-1.0356	-0.50000	0.0	0.0	0.0
	6.00000	-20.00000	0.00000	-1.0876	-0.50000	0.0	0.0	0.0
	7.00000	-20.00000	0.00000	-1.1373	-0.50000	0.0	0.0	0.0
	8.00000	-20.00000	0.00000	-1.1845	-0.50000	0.0	0.0	0.0
	9.00000	-20.00000	0.00000	-1.2289	-0.50000	0.0	0.0	0.0
	10.00000	-20.00000	0.00000	-1.2702	-0.50000	0.0	0.0	0.0
	11.00000	-20.00000	0.00000	-1.3082	-0.50000	0.0	0.0	0.0
	12.00000	-20.00000	0.00000	-1.3426	-0.50000	0.0	0.0	0.0
	13.00000	-20.00000	0.00000	-1.3734	-0.50000	0.0	0.0	0.0
	14.00000	-20.00000	0.00000	-1.4004	-0.50000	0.0	0.0	0.0
	15.00000	-20.00000	0.00000	-1.4234	-0.50000	0.0	0.0	0.0
	16.00000	-20.00000	0.00000	-1.4423	-0.50000	0.0	0.0	0.0
	17.00000	-20.00000	0.00000	-1.4570	-0.50000	0.0	0.0	0.0
	18.00000	-20.00000	0.00000	-1.4675	-0.50000	0.0	0.0	0.0
	19.00000	-20.00000	0.00000	-1.4736	-0.50000	0.0	0.0	0.0
	20.00000	-20.00000	0.00000	-1.4755	-0.50000	0.0	0.0	0.0
	21.00000	-20.00000	0.00000	-1.4730	-0.50000	0.0	0.0	0.0
	22.00000	-20.00000	0.00000	-1.4662	-0.50000	0.0	0.0	0.0
	23.00000	-20.00000	0.00000	-1.4551	-0.50000	0.0	0.0	0.0
	24.00000	-20.00000	0.00000	-1.4397	-0.50000	0.0	0.0	0.0
	25.00000	-20.00000	0.00000	-1.4202	-0.50000	0.0	0.0	0.0
	26.00000	-20.00000	0.00000	-1.3966	-0.50000	0.0	0.0	0.0
	27.00000	-20.00000	0.00000	-1.3691	-0.50000	0.0	0.0	0.0
	28.00000	-20.00000	0.00000	-1.3377	-0.50000	0.0	0.0	0.0
	29.00000	-20.00000	0.00000	-1.3026	-0.50000	0.0	0.0	0.0
	30.00000	-20.00000	0.00000	-1.2641	-0.50000	0.0	0.0	0.0
	31.00000	-20.00000	0.00000	-1.2223	-0.50000	0.0	0.0	0.0
	32.00000	-20.00000	0.00000	-1.1775	-0.50000	0.0	0.0	0.0
	33.00000	-20.00000	0.00000	-1.1298	-0.50000	0.0	0.0	0.0
	34.00000	-20.00000	0.00000	-1.0797	-0.50000	0.0	0.0	0.0
	35.00000	-20.00000	0.00000	-1.0273	-0.50000	0.0	0.0	0.0
	36.00000	-20.00000	0.00000	-0.97307	-0.50000	0.0	0.0	0.0
	37.00000	-20.00000	0.00000	-0.91723	-0.50000	0.0	0.0	0.0
	38.00000	-20.00000	0.00000	-0.86012	-0.50000	0.0	0.0	0.0
	39.00000	-20.00000	0.00000	-0.80210	-0.50000	0.0	0.0	0.0
	40.00000	-20.00000	0.00000	-0.74349	-0.50000	0.0	0.0	0.0
	41.00000	-20.00000	0.00000	-0.68461	-0.50000	0.0	0.0	0.0
	42.00000	-20.00000	0.00000	-0.62577	-0.50000	0.0	0.0	0.0
	43.00000	-20.00000	0.00000	-0.56728	-0.50000	0.0	0.0	0.0
	44.00000	-20.00000	0.00000	-0.50939	-0.50000	0.0	0.0	0.0
	45.00000	-20.00000	0.00000	-0.45237	-0.50000	0.0	0.0	0.0
	46.00000	-20.00000	0.00000	-0.39644	-0.50000	0.0	0.0	0.0
	47.00000	-20.00000	0.00000	-0.34180	-0.50000	0.0	0.0	0.0
	48.00000	-20.00000	0.00000	-0.28863	-0.50000	0.0	0.0	0.0
	49.00000	-20.00000	0.00000	-0.23708	-0.50000	0.0	0.0	0.0
	50.00000	-20.00000	0.00000	-0.18727	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	51.00000	-20.00000	0.00000	-0.13930	-0.50000	0.0	0.0	0.0
	52.00000	-20.00000	0.00000	-0.093241	-0.50000	0.0	0.0	0.0
	53.00000	-20.00000	0.00000	-0.049154	-0.50000	0.0	0.0	0.0
	54.00000	-20.00000	0.00000	-0.0070738	-0.50000	0.0	0.0	0.0
	55.00000	-20.00000	0.00000	0.032981	-0.50000	0.0	0.0	0.0
	56.00000	-20.00000	0.00000	0.071006	-0.50000	0.0	0.0	0.0
	57.00000	-20.00000	0.00000	0.10701	-0.50000	0.0	0.0	0.0
	58.00000	-20.00000	0.00000	0.14102	-0.50000	0.0	0.0	0.0
	59.00000	-20.00000	0.00000	0.17305	-0.50000	0.0	0.0	0.0
	60.00000	-20.00000	0.00000	0.20316	-0.50000	0.0	0.0	0.0
	-20.00000	-19.00000	0.00000	0.16715	-0.50000	0.0	0.0	0.0
	-19.00000	-19.00000	0.00000	0.13404	-0.50000	0.0	0.0	0.0
	-18.00000	-19.00000	0.00000	0.098802	-0.50000	0.0	0.0	0.0
	-17.00000	-19.00000	0.00000	0.061385	-0.50000	0.0	0.0	0.0
	-16.00000	-19.00000	0.00000	0.021753	-0.50000	0.0	0.0	0.0
	-15.00000	-19.00000	0.00000	-0.020123	-0.50000	0.0	0.0	0.0
	-14.00000	-19.00000	0.00000	-0.064260	-0.50000	0.0	0.0	0.0
	-13.00000	-19.00000	0.00000	-0.11066	-0.50000	0.0	0.0	0.0
	-12.00000	-19.00000	0.00000	-0.15931	-0.50000	0.0	0.0	0.0
	-11.00000	-19.00000	0.00000	-0.21017	-0.50000	0.0	0.0	0.0
	-10.00000	-19.00000	0.00000	-0.26320	-0.50000	0.0	0.0	0.0
	-9.00000	-19.00000	0.00000	-0.31831	-0.50000	0.0	0.0	0.0
	-8.00000	-19.00000	0.00000	-0.37539	-0.50000	0.0	0.0	0.0
	-7.00000	-19.00000	0.00000	-0.43432	-0.50000	0.0	0.0	0.0
	-6.00000	-19.00000	0.00000	-0.49494	-0.50000	0.0	0.0	0.0
	-5.00000	-19.00000	0.00000	-0.55705	-0.50000	0.0	0.0	0.0
	-4.00000	-19.00000	0.00000	-0.62042	-0.50000	0.0	0.0	0.0
	-3.00000	-19.00000	0.00000	-0.68480	-0.50000	0.0	0.0	0.0
	-2.00000	-19.00000	0.00000	-0.74991	-0.50000	0.0	0.0	0.0
	-1.00000	-19.00000	0.00000	-0.81542	-0.50000	0.0	0.0	0.0
	0.00000	-19.00000	0.00000	-0.88101	-0.50000	0.0	0.0	0.0
	1.00000	-19.00000	0.00000	-0.94632	-0.50000	0.0	0.0	0.0
	2.00000	-19.00000	0.00000	-1.0110	-0.50000	0.0	0.0	0.0
	3.00000	-19.00000	0.00000	-1.0746	-0.50000	0.0	0.0	0.0
	4.00000	-19.00000	0.00000	-1.1368	-0.50000	0.0	0.0	0.0
	5.00000	-19.00000	0.00000	-1.1971	-0.50000	0.0	0.0	0.0
	6.00000	-19.00000	0.00000	-1.2554	-0.50000	0.0	0.0	0.0
	7.00000	-19.00000	0.00000	-1.3111	-0.50000	0.0	0.0	0.0
	8.00000	-19.00000	0.00000	-1.3639	-0.50000	0.0	0.0	0.0
	9.00000	-19.00000	0.00000	-1.4136	-0.50000	0.0	0.0	0.0
	10.00000	-19.00000	0.00000	-1.4598	-0.50000	0.0	0.0	0.0
	11.00000	-19.00000	0.00000	-1.5023	-0.50000	0.0	0.0	0.0
	12.00000	-19.00000	0.00000	-1.5409	-0.50000	0.0	0.0	0.0
	13.00000	-19.00000	0.00000	-1.5753	-0.50000	0.0	0.0	0.0
	14.00000	-19.00000	0.00000	-1.6055	-0.50000	0.0	0.0	0.0
	15.00000	-19.00000	0.00000	-1.6311	-0.50000	0.0	0.0	0.0
	16.00000	-19.00000	0.00000	-1.6522	-0.50000	0.0	0.0	0.0
	17.00000	-19.00000	0.00000	-1.6687	-0.50000	0.0	0.0	0.0
	18.00000	-19.00000	0.00000	-1.6804	-0.50000	0.0	0.0	0.0
	19.00000	-19.00000	0.00000	-1.6872	-0.50000	0.0	0.0	0.0
	20.00000	-19.00000	0.00000	-1.6893	-0.50000	0.0	0.0	0.0
	21.00000	-19.00000	0.00000	-1.6865	-0.50000	0.0	0.0	0.0
	22.00000	-19.00000	0.00000	-1.6789	-0.50000	0.0	0.0	0.0
	23.00000	-19.00000	0.00000	-1.6665	-0.50000	0.0	0.0	0.0
	24.00000	-19.00000	0.00000	-1.6494	-0.50000	0.0	0.0	0.0
	25.00000	-19.00000	0.00000	-1.6276	-0.50000	0.0	0.0	0.0
	26.00000	-19.00000	0.00000	-1.6013	-0.50000	0.0	0.0	0.0
	27.00000	-19.00000	0.00000	-1.5705	-0.50000	0.0	0.0	0.0
	28.00000	-19.00000	0.00000	-1.5354	-0.50000	0.0	0.0	0.0
	29.00000	-19.00000	0.00000	-1.4962	-0.50000	0.0	0.0	0.0
	30.00000	-19.00000	0.00000	-1.4531	-0.50000	0.0	0.0	0.0
	31.00000	-19.00000	0.00000	-1.4063	-0.50000	0.0	0.0	0.0
	32.00000	-19.00000	0.00000	-1.3561	-0.50000	0.0	0.0	0.0
	33.00000	-19.00000	0.00000	-1.3028	-0.50000	0.0	0.0	0.0
	34.00000	-19.00000	0.00000	-1.2466	-0.50000	0.0	0.0	0.0
	35.00000	-19.00000	0.00000	-1.1880	-0.50000	0.0	0.0	0.0
	36.00000	-19.00000	0.00000	-1.1272	-0.50000	0.0	0.0	0.0
	37.00000	-19.00000	0.00000	-1.0647	-0.50000	0.0	0.0	0.0
	38.00000	-19.00000	0.00000	-1.0007	-0.50000	0.0	0.0	0.0
	39.00000	-19.00000	0.00000	-0.93583	-0.50000	0.0	0.0	0.0
	40.00000	-19.00000	0.00000	-0.87031	-0.50000	0.0	0.0	0.0
	41.00000	-19.00000	0.00000	-0.80454	-0.50000	0.0	0.0	0.0
	42.00000	-19.00000	0.00000	-0.73889	-0.50000	0.0	0.0	0.0
	43.00000	-19.00000	0.00000	-0.67369	-0.50000	0.0	0.0	0.0
	44.00000	-19.00000	0.00000	-0.60925	-0.50000	0.0	0.0	0.0
	45.00000	-19.00000	0.00000	-0.54587	-0.50000	0.0	0.0	0.0
	46.00000	-19.00000	0.00000	-0.48379	-0.50000	0.0	0.0	0.0
	47.00000	-19.00000	0.00000	-0.42324	-0.50000	0.0	0.0	0.0
	48.00000	-19.00000	0.00000	-0.36441	-0.50000	0.0	0.0	0.0
	49.00000	-19.00000	0.00000	-0.30746	-0.50000	0.0	0.0	0.0
	50.00000	-19.00000	0.00000	-0.25252	-0.50000	0.0	0.0	0.0
	51.00000	-19.00000	0.00000	-0.19968	-0.50000	0.0	0.0	0.0
	52.00000	-19.00000	0.00000	-0.14904	-0.50000	0.0	0.0	0.0
	53.00000	-19.00000	0.00000	-0.10063	-0.50000	0.0	0.0	0.0
	54.00000	-19.00000	0.00000	-0.054489	-0.50000	0.0	0.0	0.0
	55.00000	-19.00000	0.00000	-0.010630	-0.50000	0.0	0.0	0.0
	56.00000	-19.00000	0.00000	0.030953	-0.50000	0.0	0.0	0.0
	57.00000	-19.00000	0.00000	0.070281	-0.50000	0.0	0.0	0.0
	58.00000	-19.00000	0.00000	0.10738	-0.50000	0.0	0.0	0.0
	59.00000	-19.00000	0.00000	0.14230	-0.50000	0.0	0.0	0.0
	60.00000	-19.00000	0.00000	0.17509	-0.50000	0.0	0.0	0.0
	-20.00000	-18.00000	0.00000	0.13686	-0.50000	0.0	0.0	0.0
	-19.00000	-18.00000	0.00000	0.10086	-0.50000	0.0	0.0	0.0
	-18.00000	-18.00000	0.00000	0.062501	-0.50000	0.0	0.0	0.0
	-17.00000	-18.00000	0.00000	0.021730	-0.50000	0.0	0.0	0.0
	-16.00000	-18.00000	0.00000	-0.021508	-0.50000	0.0	0.0	0.0
	-15.00000	-18.00000	0.00000	-0.067253	-0.50000	0.0	0.0	0.0
	-14.00000	-18.00000	0.00000	-0.11554	-0.50000	0.0	0.0	0.0
	-13.00000	-18.00000	0.00000	-0.16637	-0.50000	0.0	0.0	0.0
	-12.00000	-18.00000	0.00000	-0.21975	-0.50000	0.0	0.0	0.0
	-11.00000	-18.00000	0.00000	-0.27565	-0.50000	0.0	0.0	0.0
	-10.00000	-18.00000	0.00000	-0.33402	-0.50000	0.0	0.0	0.0
	-9.00000	-18.00000	0.00000	-0.39479	-0.50000	0.0	0.0	0.0
	-8.00000	-18.00000	0.00000	-0.45785	-0.50000	0.0	0.0	0.0
	-7.00000	-18.00000	0.00000	-0.52306	-0.50000	0.0	0.0	0.0
	-6.00000	-18.00000	0.00000	-0.59025	-0.50000	0.0	0.0	0.0
	-5.00000	-18.00000	0.00000	-0.65921	-0.50000	0.0	0.0	0.0
	-4.00000	-18.00000	0.00000	-0.72968	-0.50000	0.0	0.0	0.0
	-3.00000	-18.00000	0.00000	-0.80140	-0.50000	0.0	0.0	0.0
	-2.00000	-18.00000	0.00000	-0.87402	-0.50000	0.0	0.0	0.0
	-1.00000	-18.00000	0.00000	-0.94719	-0.50000	0.0	0.0	0.0
	0.00000	-18.00000	0.00000	-1.0205	-0.50000	0.0	0.0	0.0
	1.00000	-18.00000	0.00000	-1.0936	-0.50000	0.0	0.0	0.0
	2.00000	-18.00000	0.00000	-1.1660	-0.50000	0.0	0.0	0.0
	3.00000	-18.00000	0.00000	-1.2373	-0.50000	0.0	0.0	0.0
	4.00000	-18.00000	0.00000	-1.3070	-0.50000	0.0	0.0	0.0
	5.00000	-18.00000	0.00000	-1.3748	-0.50000	0.0	0.0	0.0
	6.00000	-18.00000	0.00000	-1.4401	-0.50000	0.0	0.0	0.0
	7.00000	-18.00000	0.00000	-1.5025	-0.50000	0.0	0.0	0.0
	8.00000	-18.00000	0.00000	-1.5618	-0.50000	0.0	0.0	0.0
	9.00000	-18.00000	0.00000	-1.6174	-0.50000	0.0	0.0	0.0
	10.00000	-18.00000	0.00000	-1.6692	-0.50000	0.0	0.0	0.0
	11.00000	-18.00000	0.00000	-1.7168	-0.50000	0.0	0.0	0.0
	12.00000	-18.00000	0.00000	-1.7600	-0.50000	0.0	0.0	0.0
	13.00000	-18.00000	0.00000	-1.7985	-0.50000	0.0	0.0	0.0
	14.00000	-18.00000	0.00000	-1.8322	-0.50000	0.0	0.0	0.0
	15.00000	-18.00000	0.00000	-1.8608	-0.50000	0.0	0.0	0.0
	16.00000	-18.00000	0.00000	-1.8844	-0.50000	0.0	0.0	0.0
	17.00000	-18.00000	0.00000	-1.9027	-0.50000	0.0	0.0	0.0
	18.00000	-18.00000	0.00000	-1.9158	-0.50000	0.0	0.0	0.0
	19.00000	-18.00000	0.00000	-1.9235	-0.50000	0.0	0.0	0.0
	20.00000	-18.00000	0.00000	-1.9258	-0.50000	0.0	0.0	0.0
	21.00000	-18.00000	0.00000	-1.9227	-0.50000	0.0	0.0	0.0
	22.00000	-18.00000	0.00000	-1.9142	-0.50000	0.0	0.0	0.0
	23.00000	-18.00000	0.00000	-1.9004	-0.50000	0.0	0.0	0.0
	24.00000	-18.00000	0.00000	-1.8813	-0.50000	0.0	0.0	0.0
	25.00000	-18.00000	0.00000	-1.8570	-0.50000	0.0	0.0	0.0
	26.00000	-18.00000	0.00000	-1.8275	-0.50000	0.0	0.0	0.0
	27.00000	-18.00000	0.00000	-1.7931	-0.50000	0.0	0.0	0.0
	28.00000	-18.00000	0.00000	-1.7539	-0.50000	0.0	0.0	0.0
	29.00000	-18.00000	0.00000	-1.7101	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	30.00000	-18.00000	0.00000	-1.6618	-0.50000	0.0	0.0	0.0
	31.00000	-18.00000	0.00000	-1.6094	-0.50000	0.0	0.0	0.0
	32.00000	-18.00000	0.00000	-1.5532	-0.50000	0.0	0.0	0.0
	33.00000	-18.00000	0.00000	-1.4934	-0.50000	0.0	0.0	0.0
	34.00000	-18.00000	0.00000	-1.4304	-0.50000	0.0	0.0	0.0
	35.00000	-18.00000	0.00000	-1.3646	-0.50000	0.0	0.0	0.0
	36.00000	-18.00000	0.00000	-1.2965	-0.50000	0.0	0.0	0.0
	37.00000	-18.00000	0.00000	-1.2264	-0.50000	0.0	0.0	0.0
	38.00000	-18.00000	0.00000	-1.1547	-0.50000	0.0	0.0	0.0
	39.00000	-18.00000	0.00000	-1.0820	-0.50000	0.0	0.0	0.0
	40.00000	-18.00000	0.00000	-1.0087	-0.50000	0.0	0.0	0.0
	41.00000	-18.00000	0.00000	-0.93518	-0.50000	0.0	0.0	0.0
	42.00000	-18.00000	0.00000	-0.86186	-0.50000	0.0	0.0	0.0
	43.00000	-18.00000	0.00000	-0.78914	-0.50000	0.0	0.0	0.0
	44.00000	-18.00000	0.00000	-0.71738	-0.50000	0.0	0.0	0.0
	45.00000	-18.00000	0.00000	-0.64690	-0.50000	0.0	0.0	0.0
	46.00000	-18.00000	0.00000	-0.57798	-0.50000	0.0	0.0	0.0
	47.00000	-18.00000	0.00000	-0.51087	-0.50000	0.0	0.0	0.0
	48.00000	-18.00000	0.00000	-0.44578	-0.50000	0.0	0.0	0.0
	49.00000	-18.00000	0.00000	-0.38288	-0.50000	0.0	0.0	0.0
	50.00000	-18.00000	0.00000	-0.32230	-0.50000	0.0	0.0	0.0
	51.00000	-18.00000	0.00000	-0.26415	-0.50000	0.0	0.0	0.0
	52.00000	-18.00000	0.00000	-0.20850	-0.50000	0.0	0.0	0.0
	53.00000	-18.00000	0.00000	-0.15539	-0.50000	0.0	0.0	0.0
	54.00000	-18.00000	0.00000	-0.10485	-0.50000	0.0	0.0	0.0
	55.00000	-18.00000	0.00000	-0.056886	-0.50000	0.0	0.0	0.0
	56.00000	-18.00000	0.00000	-0.011470	-0.50000	0.0	0.0	0.0
	57.00000	-18.00000	0.00000	0.031426	-0.50000	0.0	0.0	0.0
	58.00000	-18.00000	0.00000	0.071847	-0.50000	0.0	0.0	0.0
	59.00000	-18.00000	0.00000	0.10985	-0.50000	0.0	0.0	0.0
	60.00000	-18.00000	0.00000	0.14549	-0.50000	0.0	0.0	0.0
	-20.00000	-17.00000	0.00000	0.10499	-0.50000	0.0	0.0	0.0
	-19.00000	-17.00000	0.00000	0.065907	-0.50000	0.0	0.0	0.0
	-18.00000	-17.00000	0.00000	0.024223	-0.50000	0.0	0.0	0.0
	-17.00000	-17.00000	0.00000	-0.020138	-0.50000	0.0	0.0	0.0
	-16.00000	-17.00000	0.00000	-0.067245	-0.50000	0.0	0.0	0.0
	-15.00000	-17.00000	0.00000	-0.11715	-0.50000	0.0	0.0	0.0
	-14.00000	-17.00000	0.00000	-0.16991	-0.50000	0.0	0.0	0.0
	-13.00000	-17.00000	0.00000	-0.22554	-0.50000	0.0	0.0	0.0
	-12.00000	-17.00000	0.00000	-0.28406	-0.50000	0.0	0.0	0.0
	-11.00000	-17.00000	0.00000	-0.34545	-0.50000	0.0	0.0	0.0
	-10.00000	-17.00000	0.00000	-0.40967	-0.50000	0.0	0.0	0.0
	-9.00000	-17.00000	0.00000	-0.47666	-0.50000	0.0	0.0	0.0
	-8.00000	-17.00000	0.00000	-0.54630	-0.50000	0.0	0.0	0.0
	-7.00000	-17.00000	0.00000	-0.61846	-0.50000	0.0	0.0	0.0
	-6.00000	-17.00000	0.00000	-0.69295	-0.50000	0.0	0.0	0.0
	-5.00000	-17.00000	0.00000	-0.76954	-0.50000	0.0	0.0	0.0
	-4.00000	-17.00000	0.00000	-0.84797	-0.50000	0.0	0.0	0.0
	-3.00000	-17.00000	0.00000	-0.92790	-0.50000	0.0	0.0	0.0
	-2.00000	-17.00000	0.00000	-1.0090	-0.50000	0.0	0.0	0.0
	-1.00000	-17.00000	0.00000	-1.0908	-0.50000	0.0	0.0	0.0
	0.00000	-17.00000	0.00000	-1.1729	-0.50000	0.0	0.0	0.0
	1.00000	-17.00000	0.00000	-1.2548	-0.50000	0.0	0.0	0.0
	2.00000	-17.00000	0.00000	-1.3360	-0.50000	0.0	0.0	0.0
	3.00000	-17.00000	0.00000	-1.4160	-0.50000	0.0	0.0	0.0
	4.00000	-17.00000	0.00000	-1.4943	-0.50000	0.0	0.0	0.0
	5.00000	-17.00000	0.00000	-1.5704	-0.50000	0.0	0.0	0.0
	6.00000	-17.00000	0.00000	-1.6437	-0.50000	0.0	0.0	0.0
	7.00000	-17.00000	0.00000	-1.7138	-0.50000	0.0	0.0	0.0
	8.00000	-17.00000	0.00000	-1.7803	-0.50000	0.0	0.0	0.0
	9.00000	-17.00000	0.00000	-1.8427	-0.50000	0.0	0.0	0.0
	10.00000	-17.00000	0.00000	-1.9007	-0.50000	0.0	0.0	0.0
	11.00000	-17.00000	0.00000	-1.9540	-0.50000	0.0	0.0	0.0
	12.00000	-17.00000	0.00000	-2.0024	-0.50000	0.0	0.0	0.0
	13.00000	-17.00000	0.00000	-2.0455	-0.50000	0.0	0.0	0.0
	14.00000	-17.00000	0.00000	-2.0831	-0.50000	0.0	0.0	0.0
	15.00000	-17.00000	0.00000	-2.1152	-0.50000	0.0	0.0	0.0
	16.00000	-17.00000	0.00000	-2.1415	-0.50000	0.0	0.0	0.0
	17.00000	-17.00000	0.00000	-2.1620	-0.50000	0.0	0.0	0.0
	18.00000	-17.00000	0.00000	-2.1765	-0.50000	0.0	0.0	0.0
	19.00000	-17.00000	0.00000	-2.1851	-0.50000	0.0	0.0	0.0
	20.00000	-17.00000	0.00000	-2.1877	-0.50000	0.0	0.0	0.0
	21.00000	-17.00000	0.00000	-2.1842	-0.50000	0.0	0.0	0.0
	22.00000	-17.00000	0.00000	-2.1748	-0.50000	0.0	0.0	0.0
	23.00000	-17.00000	0.00000	-2.1594	-0.50000	0.0	0.0	0.0
	24.00000	-17.00000	0.00000	-2.1380	-0.50000	0.0	0.0	0.0
	25.00000	-17.00000	0.00000	-2.1109	-0.50000	0.0	0.0	0.0
	26.00000	-17.00000	0.00000	-2.0780	-0.50000	0.0	0.0	0.0
	27.00000	-17.00000	0.00000	-2.0396	-0.50000	0.0	0.0	0.0
	28.00000	-17.00000	0.00000	-1.9957	-0.50000	0.0	0.0	0.0
	29.00000	-17.00000	0.00000	-1.9466	-0.50000	0.0	0.0	0.0
	30.00000	-17.00000	0.00000	-1.8926	-0.50000	0.0	0.0	0.0
	31.00000	-17.00000	0.00000	-1.8339	-0.50000	0.0	0.0	0.0
	32.00000	-17.00000	0.00000	-1.7708	-0.50000	0.0	0.0	0.0
	33.00000	-17.00000	0.00000	-1.7037	-0.50000	0.0	0.0	0.0
	34.00000	-17.00000	0.00000	-1.6330	-0.50000	0.0	0.0	0.0
	35.00000	-17.00000	0.00000	-1.5592	-0.50000	0.0	0.0	0.0
	36.00000	-17.00000	0.00000	-1.4826	-0.50000	0.0	0.0	0.0
	37.00000	-17.00000	0.00000	-1.4039	-0.50000	0.0	0.0	0.0
	38.00000	-17.00000	0.00000	-1.3236	-0.50000	0.0	0.0	0.0
	39.00000	-17.00000	0.00000	-1.2420	-0.50000	0.0	0.0	0.0
	40.00000	-17.00000	0.00000	-1.1598	-0.50000	0.0	0.0	0.0
	41.00000	-17.00000	0.00000	-1.0775	-0.50000	0.0	0.0	0.0
	42.00000	-17.00000	0.00000	-0.99557	-0.50000	0.0	0.0	0.0
	43.00000	-17.00000	0.00000	-0.91439	-0.50000	0.0	0.0	0.0
	44.00000	-17.00000	0.00000	-0.83441	-0.50000	0.0	0.0	0.0
	45.00000	-17.00000	0.00000	-0.75599	-0.50000	0.0	0.0	0.0
	46.00000	-17.00000	0.00000	-0.67945	-0.50000	0.0	0.0	0.0
	47.00000	-17.00000	0.00000	-0.60505	-0.50000	0.0	0.0	0.0
	48.00000	-17.00000	0.00000	-0.53304	-0.50000	0.0	0.0	0.0
	49.00000	-17.00000	0.00000	-0.46358	-0.50000	0.0	0.0	0.0
	50.00000	-17.00000	0.00000	-0.39682	-0.50000	0.0	0.0	0.0
	51.00000	-17.00000	0.00000	-0.33285	-0.50000	0.0	0.0	0.0
	52.00000	-17.00000	0.00000	-0.27174	-0.50000	0.0	0.0	0.0
	53.00000	-17.00000	0.00000	-0.21354	-0.50000	0.0	0.0	0.0
	54.00000	-17.00000	0.00000	-0.15824	-0.50000	0.0	0.0	0.0
	55.00000	-17.00000	0.00000	-0.10584	-0.50000	0.0	0.0	0.0
	56.00000	-17.00000	0.00000	-0.056298	-0.50000	0.0	0.0	0.0
	57.00000	-17.00000	0.00000	-0.0095745	-0.50000	0.0	0.0	0.0
	58.00000	-17.00000	0.00000	0.034394	-0.50000	0.0	0.0	0.0
	59.00000	-17.00000	0.00000	0.075678	-0.50000	0.0	0.0	0.0
	60.00000	-17.00000	0.00000	0.11436	-0.50000	0.0	0.0	0.0
	-20.00000	-16.00000	0.00000	0.071546	-0.50000	0.0	0.0	0.0
	-19.00000	-16.00000	0.00000	0.029190	-0.50000	0.0	0.0	0.0
	-18.00000	-16.00000	0.00000	-0.016037	-0.50000	0.0	0.0	0.0
	-17.00000	-16.00000	0.00000	-0.064232	-0.50000	0.0	0.0	0.0
	-16.00000	-16.00000	0.00000	-0.11548	-0.50000	0.0	0.0	0.0
	-15.00000	-16.00000	0.00000	-0.16987	-0.50000	0.0	0.0	0.0
	-14.00000	-16.00000	0.00000	-0.22745	-0.50000	0.0	0.0	0.0
	-13.00000	-16.00000	0.00000	-0.28827	-0.50000	0.0	0.0	0.0
	-12.00000	-16.00000	0.00000	-0.35237	-0.50000	0.0	0.0	0.0
	-11.00000	-16.00000	0.00000	-0.41974	-0.50000	0.0	0.0	0.0
	-10.00000	-16.00000	0.00000	-0.49036	-0.50000	0.0	0.0	0.0
	-9.00000	-16.00000	0.00000	-0.56417	-0.50000	0.0	0.0	0.0
	-8.00000	-16.00000	0.00000	-0.64107	-0.50000	0.0	0.0	0.0
	-7.00000	-16.00000	0.00000	-0.72092	-0.50000	0.0	0.0	0.0
	-6.00000	-16.00000	0.00000	-0.80353	-0.50000	0.0	0.0	0.0
	-5.00000	-16.00000	0.00000	-0.88865	-0.50000	0.0	0.0	0.0
	-4.00000	-16.00000	0.00000	-0.97598	-0.50000	0.0	0.0	0.0
	-3.00000	-16.00000	0.00000	-1.0652	-0.50000	0.0	0.0	0.0
	-2.00000	-16.00000	0.00000	-1.1558	-0.50000	0.0	0.0	0.0
	-1.00000	-16.00000	0.00000	-1.2474	-0.50000	0.0	0.0	0.0
	0.00000	-16.00000	0.00000	-1.3394	-0.50000	0.0	0.0	0.0
	1.00000	-16.00000	0.00000	-1.4314	-0.50000	0.0	0.0	0.0
	2.00000	-16.00000	0.00000	-1.5226	-0.50000	0.0	0.0	0.0
	3.00000	-16.00000	0.00000	-1.6125	-0.50000	0.0	0.0	0.0
	4.00000	-16.00000	0.00000	-1.7006	-0.50000	0.0	0.0	0.0
	5.00000	-16.00000	0.00000	-1.7861	-0.50000	0.0	0.0	0.0
	6.00000	-16.00000	0.00000	-1.8685	-0.50000	0.0	0.0	0.0
	7.00000	-16.00000	0.00000	-1.9473	-0.50000	0.0	0.0	0.0
	8.00000	-16.00000	0.00000	-2.0220	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	9.00000	-16.00000	0.00000	-2.0921	-0.50000	0.0	0.0	0.0
	10.00000	-16.00000	0.00000	-2.1572	-0.50000	0.0	0.0	0.0
	11.00000	-16.00000	0.00000	-2.2170	-0.50000	0.0	0.0	0.0
	12.00000	-16.00000	0.00000	-2.2711	-0.50000	0.0	0.0	0.0
	13.00000	-16.00000	0.00000	-2.3193	-0.50000	0.0	0.0	0.0
	14.00000	-16.00000	0.00000	-2.3614	-0.50000	0.0	0.0	0.0
	15.00000	-16.00000	0.00000	-2.3972	-0.50000	0.0	0.0	0.0
	16.00000	-16.00000	0.00000	-2.4266	-0.50000	0.0	0.0	0.0
	17.00000	-16.00000	0.00000	-2.4495	-0.50000	0.0	0.0	0.0
	18.00000	-16.00000	0.00000	-2.4657	-0.50000	0.0	0.0	0.0
	19.00000	-16.00000	0.00000	-2.4753	-0.50000	0.0	0.0	0.0
	20.00000	-16.00000	0.00000	-2.4781	-0.50000	0.0	0.0	0.0
	21.00000	-16.00000	0.00000	-2.4743	-0.50000	0.0	0.0	0.0
	22.00000	-16.00000	0.00000	-2.4638	-0.50000	0.0	0.0	0.0
	23.00000	-16.00000	0.00000	-2.4466	-0.50000	0.0	0.0	0.0
	24.00000	-16.00000	0.00000	-2.4228	-0.50000	0.0	0.0	0.0
	25.00000	-16.00000	0.00000	-2.3925	-0.50000	0.0	0.0	0.0
	26.00000	-16.00000	0.00000	-2.3558	-0.50000	0.0	0.0	0.0
	27.00000	-16.00000	0.00000	-2.3128	-0.50000	0.0	0.0	0.0
	28.00000	-16.00000	0.00000	-2.2637	-0.50000	0.0	0.0	0.0
	29.00000	-16.00000	0.00000	-2.2088	-0.50000	0.0	0.0	0.0
	30.00000	-16.00000	0.00000	-2.1482	-0.50000	0.0	0.0	0.0
	31.00000	-16.00000	0.00000	-2.0823	-0.50000	0.0	0.0	0.0
	32.00000	-16.00000	0.00000	-2.0115	-0.50000	0.0	0.0	0.0
	33.00000	-16.00000	0.00000	-1.9362	-0.50000	0.0	0.0	0.0
	34.00000	-16.00000	0.00000	-1.8567	-0.50000	0.0	0.0	0.0
	35.00000	-16.00000	0.00000	-1.7737	-0.50000	0.0	0.0	0.0
	36.00000	-16.00000	0.00000	-1.6877	-0.50000	0.0	0.0	0.0
	37.00000	-16.00000	0.00000	-1.5992	-0.50000	0.0	0.0	0.0
	38.00000	-16.00000	0.00000	-1.5088	-0.50000	0.0	0.0	0.0
	39.00000	-16.00000	0.00000	-1.4172	-0.50000	0.0	0.0	0.0
	40.00000	-16.00000	0.00000	-1.3250	-0.50000	0.0	0.0	0.0
	41.00000	-16.00000	0.00000	-1.2327	-0.50000	0.0	0.0	0.0
	42.00000	-16.00000	0.00000	-1.1410	-0.50000	0.0	0.0	0.0
	43.00000	-16.00000	0.00000	-1.0503	-0.50000	0.0	0.0	0.0
	44.00000	-16.00000	0.00000	-0.96103	-0.50000	0.0	0.0	0.0
	45.00000	-16.00000	0.00000	-0.87372	-0.50000	0.0	0.0	0.0
	46.00000	-16.00000	0.00000	-0.78867	-0.50000	0.0	0.0	0.0
	47.00000	-16.00000	0.00000	-0.70618	-0.50000	0.0	0.0	0.0
	48.00000	-16.00000	0.00000	-0.62650	-0.50000	0.0	0.0	0.0
	49.00000	-16.00000	0.00000	-0.54981	-0.50000	0.0	0.0	0.0
	50.00000	-16.00000	0.00000	-0.47626	-0.50000	0.0	0.0	0.0
	51.00000	-16.00000	0.00000	-0.40593	-0.50000	0.0	0.0	0.0
	52.00000	-16.00000	0.00000	-0.33888	-0.50000	0.0	0.0	0.0
	53.00000	-16.00000	0.00000	-0.27514	-0.50000	0.0	0.0	0.0
	54.00000	-16.00000	0.00000	-0.21470	-0.50000	0.0	0.0	0.0
	55.00000	-16.00000	0.00000	-0.15752	-0.50000	0.0	0.0	0.0
	56.00000	-16.00000	0.00000	-0.10355	-0.50000	0.0	0.0	0.0
	57.00000	-16.00000	0.00000	-0.052730	-0.50000	0.0	0.0	0.0
	58.00000	-16.00000	0.00000	-0.0049755	-0.50000	0.0	0.0	0.0
	59.00000	-16.00000	0.00000	0.039805	-0.50000	0.0	0.0	0.0
	60.00000	-16.00000	0.00000	0.081711	-0.50000	0.0	0.0	0.0
	-20.00000	-15.00000	0.00000	0.036547	-0.50000	0.0	0.0	0.0
	-19.00000	-15.00000	0.00000	-0.0092764	-0.50000	0.0	0.0	0.0
	-18.00000	-15.00000	0.00000	-0.058270	-0.50000	0.0	0.0	0.0
	-17.00000	-15.00000	0.00000	-0.11055	-0.50000	0.0	0.0	0.0
	-16.00000	-15.00000	0.00000	-0.16623	-0.50000	0.0	0.0	0.0
	-15.00000	-15.00000	0.00000	-0.22542	-0.50000	0.0	0.0	0.0
	-14.00000	-15.00000	0.00000	-0.28819	-0.50000	0.0	0.0	0.0
	-13.00000	-15.00000	0.00000	-0.35462	-0.50000	0.0	0.0	0.0
	-12.00000	-15.00000	0.00000	-0.42477	-0.50000	0.0	0.0	0.0
	-11.00000	-15.00000	0.00000	-0.49865	-0.50000	0.0	0.0	0.0
	-10.00000	-15.00000	0.00000	-0.57627	-0.50000	0.0	0.0	0.0
	-9.00000	-15.00000	0.00000	-0.65758	-0.50000	0.0	0.0	0.0
	-8.00000	-15.00000	0.00000	-0.74249	-0.50000	0.0	0.0	0.0
	-7.00000	-15.00000	0.00000	-0.83086	-0.50000	0.0	0.0	0.0
	-6.00000	-15.00000	0.00000	-0.92250	-0.50000	0.0	0.0	0.0
	-5.00000	-15.00000	0.00000	-1.0171	-0.50000	0.0	0.0	0.0
	-4.00000	-15.00000	0.00000	-1.1145	-0.50000	0.0	0.0	0.0
	-3.00000	-15.00000	0.00000	-1.2141	-0.50000	0.0	0.0	0.0
	-2.00000	-15.00000	0.00000	-1.3155	-0.50000	0.0	0.0	0.0
	-1.00000	-15.00000	0.00000	-1.4182	-0.50000	0.0	0.0	0.0
	0.00000	-15.00000	0.00000	-1.5216	-0.50000	0.0	0.0	0.0
	1.00000	-15.00000	0.00000	-1.6249	-0.50000	0.0	0.0	0.0
	2.00000	-15.00000	0.00000	-1.7276	-0.50000	0.0	0.0	0.0
	3.00000	-15.00000	0.00000	-1.8289	-0.50000	0.0	0.0	0.0
	4.00000	-15.00000	0.00000	-1.9281	-0.50000	0.0	0.0	0.0
	5.00000	-15.00000	0.00000	-2.0245	-0.50000	0.0	0.0	0.0
	6.00000	-15.00000	0.00000	-2.1173	-0.50000	0.0	0.0	0.0
	7.00000	-15.00000	0.00000	-2.2060	-0.50000	0.0	0.0	0.0
	8.00000	-15.00000	0.00000	-2.2900	-0.50000	0.0	0.0	0.0
	9.00000	-15.00000	0.00000	-2.3688	-0.50000	0.0	0.0	0.0
	10.00000	-15.00000	0.00000	-2.4419	-0.50000	0.0	0.0	0.0
	11.00000	-15.00000	0.00000	-2.5090	-0.50000	0.0	0.0	0.0
	12.00000	-15.00000	0.00000	-2.5696	-0.50000	0.0	0.0	0.0
	13.00000	-15.00000	0.00000	-2.6236	-0.50000	0.0	0.0	0.0
	14.00000	-15.00000	0.00000	-2.6707	-0.50000	0.0	0.0	0.0
	15.00000	-15.00000	0.00000	-2.7107	-0.50000	0.0	0.0	0.0
	16.00000	-15.00000	0.00000	-2.7435	-0.50000	0.0	0.0	0.0
	17.00000	-15.00000	0.00000	-2.7690	-0.50000	0.0	0.0	0.0
	18.00000	-15.00000	0.00000	-2.7871	-0.50000	0.0	0.0	0.0
	19.00000	-15.00000	0.00000	-2.7978	-0.50000	0.0	0.0	0.0
	20.00000	-15.00000	0.00000	-2.8010	-0.50000	0.0	0.0	0.0
	21.00000	-15.00000	0.00000	-2.7967	-0.50000	0.0	0.0	0.0
	22.00000	-15.00000	0.00000	-2.7850	-0.50000	0.0	0.0	0.0
	23.00000	-15.00000	0.00000	-2.7658	-0.50000	0.0	0.0	0.0
	24.00000	-15.00000	0.00000	-2.7393	-0.50000	0.0	0.0	0.0
	25.00000	-15.00000	0.00000	-2.7055	-0.50000	0.0	0.0	0.0
	26.00000	-15.00000	0.00000	-2.6644	-0.50000	0.0	0.0	0.0
	27.00000	-15.00000	0.00000	-2.6164	-0.50000	0.0	0.0	0.0
	28.00000	-15.00000	0.00000	-2.5615	-0.50000	0.0	0.0	0.0
	29.00000	-15.00000	0.00000	-2.4999	-0.50000	0.0	0.0	0.0
	30.00000	-15.00000	0.00000	-2.4320	-0.50000	0.0	0.0	0.0
	31.00000	-15.00000	0.00000	-2.3580	-0.50000	0.0	0.0	0.0
	32.00000	-15.00000	0.00000	-2.2784	-0.50000	0.0	0.0	0.0
	33.00000	-15.00000	0.00000	-2.1937	-0.50000	0.0	0.0	0.0
	34.00000	-15.00000	0.00000	-2.1043	-0.50000	0.0	0.0	0.0
	35.00000	-15.00000	0.00000	-2.0108	-0.50000	0.0	0.0	0.0
	36.00000	-15.00000	0.00000	-1.9138	-0.50000	0.0	0.0	0.0
	37.00000	-15.00000	0.00000	-1.8141	-0.50000	0.0	0.0	0.0
	38.00000	-15.00000	0.00000	-1.7124	-0.50000	0.0	0.0	0.0
	39.00000	-15.00000	0.00000	-1.6093	-0.50000	0.0	0.0	0.0
	40.00000	-15.00000	0.00000	-1.5056	-0.50000	0.0	0.0	0.0
	41.00000	-15.00000	0.00000	-1.4020	-0.50000	0.0	0.0	0.0
	42.00000	-15.00000	0.00000	-1.2992	-0.50000	0.0	0.0	0.0
	43.00000	-15.00000	0.00000	-1.1976	-0.50000	0.0	0.0	0.0
	44.00000	-15.00000	0.00000	-1.0980	-0.50000	0.0	0.0	0.0
	45.00000	-15.00000	0.00000	-1.0007	-0.50000	0.0	0.0	0.0
	46.00000	-15.00000	0.00000	-0.90613	-0.50000	0.0	0.0	0.0
	47.00000	-15.00000	0.00000	-0.81464	-0.50000	0.0	0.0	0.0
	48.00000	-15.00000	0.00000	-0.72647	-0.50000	0.0	0.0	0.0
	49.00000	-15.00000	0.00000	-0.64181	-0.50000	0.0	0.0	0.0
	50.00000	-15.00000	0.00000	-0.56080	-0.50000	0.0	0.0	0.0
	51.00000	-15.00000	0.00000	-0.48352	-0.50000	0.0	0.0	0.0
	52.00000	-15.00000	0.00000	-0.41001	-0.50000	0.0	0.0	0.0
	53.00000	-15.00000	0.00000	-0.34027	-0.50000	0.0	0.0	0.0
	54.00000	-15.00000	0.00000	-0.27426	-0.50000	0.0	0.0	0.0
	55.00000	-15.00000	0.00000	-0.21194	-0.50000	0.0	0.0	0.0
	56.00000	-15.00000	0.00000	-0.15323	-0.50000	0.0	0.0	0.0
	57.00000	-15.00000	0.00000	-0.098035	-0.50000	0.0	0.0	0.0
	58.00000	-15.00000	0.00000	-0.046246	-0.50000	0.0	0.0	0.0
	59.00000	-15.00000	0.00000	0.0022484	-0.50000	0.0	0.0	0.0
	60.00000	-15.00000	0.00000	0.047570	-0.50000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-12.00000	-14.00000	0.00000	-0.50134	-0.50000	0.0	0.0	0.0
	-11.00000	-14.00000	0.00000	-0.58231	-0.50000	0.0	0.0	0.0
	-10.00000	-14.00000	0.00000	-0.66757	-0.50000	0.0	0.0	0.0
	-9.00000	-14.00000	0.00000	-0.75711	-0.50000	0.0	0.0	0.0
	-8.00000	-14.00000	0.00000	-0.85085	-0.50000	0.0	0.0	0.0
	-7.00000	-14.00000	0.00000	-0.94867	-0.50000	0.0	0.0	0.0
	-6.00000	-14.00000	0.00000	-1.0504	-0.50000	0.0	0.0	0.0
	-5.00000	-14.00000	0.00000	-1.1557	-0.50000	0.0	0.0	0.0
	-4.00000	-14.00000	0.00000	-1.2643	-0.50000	0.0	0.0	0.0
	-3.00000	-14.00000	0.00000	-1.3757	-0.50000	0.0	0.0	0.0
	-2.00000	-14.00000	0.00000	-1.4894	-0.50000	0.0	0.0	0.0
	-1.00000	-14.00000	0.00000	-1.6047	-0.50000	0.0	0.0	0.0
	0.00000	-14.00000	0.00000	-1.7210	-0.50000	0.0	0.0	0.0
	1.00000	-14.00000	0.00000	-1.8375	-0.50000	0.0	0.0	0.0
	2.00000	-14.00000	0.00000	-1.9534	-0.50000	0.0	0.0	0.0
	3.00000	-14.00000	0.00000	-2.0677	-0.50000	0.0	0.0	0.0
	4.00000	-14.00000	0.00000	-2.1797	-0.50000	0.0	0.0	0.0
	5.00000	-14.00000	0.00000	-2.2885	-0.50000	0.0	0.0	0.0
	6.00000	-14.00000	0.00000	-2.3933	-0.50000	0.0	0.0	0.0
	7.00000	-14.00000	0.00000	-2.4933	-0.50000	0.0	0.0	0.0
	8.00000	-14.00000	0.00000	-2.5880	-0.50000	0.0	0.0	0.0
	9.00000	-14.00000	0.00000	-2.6766	-0.50000	0.0	0.0	0.0
	10.00000	-14.00000	0.00000	-2.7588	-0.50000	0.0	0.0	0.0
	11.00000	-14.00000	0.00000	-2.8341	-0.50000	0.0	0.0	0.0
	12.00000	-14.00000	0.00000	-2.9020	-0.50000	0.0	0.0	0.0
	13.00000	-14.00000	0.00000	-2.9625	-0.50000	0.0	0.0	0.0
	14.00000	-14.00000	0.00000	-3.0151	-0.50000	0.0	0.0	0.0
	15.00000	-14.00000	0.00000	-3.0598	-0.50000	0.0	0.0	0.0
	16.00000	-14.00000	0.00000	-3.0964	-0.50000	0.0	0.0	0.0
	17.00000	-14.00000	0.00000	-3.1249	-0.50000	0.0	0.0	0.0
	18.00000	-14.00000	0.00000	-3.1451	-0.50000	0.0	0.0	0.0
	19.00000	-14.00000	0.00000	-3.1570	-0.50000	0.0	0.0	0.0
	20.00000	-14.00000	0.00000	-3.1606	-0.50000	0.0	0.0	0.0
	21.00000	-14.00000	0.00000	-3.1558	-0.50000	0.0	0.0	0.0
	22.00000	-14.00000	0.00000	-3.1428	-0.50000	0.0	0.0	0.0
	23.00000	-14.00000	0.00000	-3.1214	-0.50000	0.0	0.0	0.0
	24.00000	-14.00000	0.00000	-3.0918	-0.50000	0.0	0.0	0.0
	25.00000	-14.00000	0.00000	-3.0541	-0.50000	0.0	0.0	0.0
	26.00000	-14.00000	0.00000	-3.0083	-0.50000	0.0	0.0	0.0
	27.00000	-14.00000	0.00000	-2.9545	-0.50000	0.0	0.0	0.0
	28.00000	-14.00000	0.00000	-2.8930	-0.50000	0.0	0.0	0.0
	29.00000	-14.00000	0.00000	-2.8240	-0.50000	0.0	0.0	0.0
	30.00000	-14.00000	0.00000	-2.7478	-0.50000	0.0	0.0	0.0
	31.00000	-14.00000	0.00000	-2.6647	-0.50000	0.0	0.0	0.0
	32.00000	-14.00000	0.00000	-2.5752	-0.50000	0.0	0.0	0.0
	33.00000	-14.00000	0.00000	-2.4797	-0.50000	0.0	0.0	0.0
	34.00000	-14.00000	0.00000	-2.3788	-0.50000	0.0	0.0	0.0
	35.00000	-14.00000	0.00000	-2.2733	-0.50000	0.0	0.0	0.0
	36.00000	-14.00000	0.00000	-2.1639	-0.50000	0.0	0.0	0.0
	37.00000	-14.00000	0.00000	-2.0514	-0.50000	0.0	0.0	0.0
	38.00000	-14.00000	0.00000	-1.9365	-0.50000	0.0	0.0	0.0
	39.00000	-14.00000	0.00000	-1.8203	-0.50000	0.0	0.0	0.0
	40.00000	-14.00000	0.00000	-1.7034	-0.50000	0.0	0.0	0.0
	41.00000	-14.00000	0.00000	-1.5869	-0.50000	0.0	0.0	0.0
	42.00000	-14.00000	0.00000	-1.4713	-0.50000	0.0	0.0	0.0
	43.00000	-14.00000	0.00000	-1.3575	-0.50000	0.0	0.0	0.0
	44.00000	-14.00000	0.00000	-1.2461	-0.50000	0.0	0.0	0.0
	45.00000	-14.00000	0.00000	-1.1376	-0.50000	0.0	0.0	0.0
	46.00000	-14.00000	0.00000	-1.0323	-0.50000	0.0	0.0	0.0
	47.00000	-14.00000	0.00000	-0.93082	-0.50000	0.0	0.0	0.0
	48.00000	-14.00000	0.00000	-0.83324	-0.50000	0.0	0.0	0.0
	49.00000	-14.00000	0.00000	-0.73979	-0.50000	0.0	0.0	0.0
	50.00000	-14.00000	0.00000	-0.65060	-0.50000	0.0	0.0	0.0
	51.00000	-14.00000	0.00000	-0.56573	-0.50000	0.0	0.0	0.0
	52.00000	-14.00000	0.00000	-0.48519	-0.50000	0.0	0.0	0.0
	53.00000	-14.00000	0.00000	-0.40895	-0.50000	0.0	0.0	0.0
	54.00000	-14.00000	0.00000	-0.33696	-0.50000	0.0	0.0	0.0
	55.00000	-14.00000	0.00000	-0.26912	-0.50000	0.0	0.0	0.0
	56.00000	-14.00000	0.00000	-0.20533	-0.50000	0.0	0.0	0.0
	57.00000	-14.00000	0.00000	-0.14546	-0.50000	0.0	0.0	0.0
	58.00000	-14.00000	0.00000	-0.089388	-0.50000	0.0	0.0	0.0
	59.00000	-14.00000	0.00000	-0.036959	-0.50000	0.0	0.0	0.0
	60.00000	-14.00000	0.00000	0.011973	-0.50000	0.0	0.0	0.0
	-20.00000	-13.00000	0.00000	-0.037964	-0.50000	0.0	0.0	0.0
	-19.00000	-13.00000	0.00000	-0.091325	-0.50000	0.0	0.0	0.0
	-18.00000	-13.00000	0.00000	-0.14854	-0.50000	0.0	0.0	0.0
	-17.00000	-13.00000	0.00000	-0.20978	-0.50000	0.0	0.0	0.0
	-16.00000	-13.00000	0.00000	-0.27522	-0.50000	0.0	0.0	0.0
	-15.00000	-13.00000	0.00000	-0.34503	-0.50000	0.0	0.0	0.0
	-14.00000	-13.00000	0.00000	-0.41936	-0.50000	0.0	0.0	0.0
	-13.00000	-13.00000	0.00000	-0.49836	-0.50000	0.0	0.0	0.0
	-12.00000	-13.00000	0.00000	-0.58214	-0.50000	0.0	0.0	0.0
	-11.00000	-13.00000	0.00000	-0.67081	-0.50000	0.0	0.0	0.0
	-10.00000	-13.00000	0.00000	-0.76441	-0.50000	0.0	0.0	0.0
	-9.00000	-13.00000	0.00000	-0.86298	-0.50000	0.0	0.0	0.0
	-8.00000	-13.00000	0.00000	-0.96646	-0.50000	0.0	0.0	0.0
	-7.00000	-13.00000	0.00000	-1.0748	-0.50000	0.0	0.0	0.0
	-6.00000	-13.00000	0.00000	-1.1877	-0.50000	0.0	0.0	0.0
	-5.00000	-13.00000	0.00000	-1.3050	-0.50000	0.0	0.0	0.0
	-4.00000	-13.00000	0.00000	-1.4263	-0.50000	0.0	0.0	0.0
	-3.00000	-13.00000	0.00000	-1.5510	-0.50000	0.0	0.0	0.0
	-2.00000	-13.00000	0.00000	-1.6787	-0.50000	0.0	0.0	0.0
	-1.00000	-13.00000	0.00000	-1.8086	-0.50000	0.0	0.0	0.0
	0.00000	-13.00000	0.00000	-1.9398	-0.50000	0.0	0.0	0.0
	1.00000	-13.00000	0.00000	-2.0714	-0.50000	0.0	0.0	0.0
	2.00000	-13.00000	0.00000	-2.2024	-0.50000	0.0	0.0	0.0
	3.00000	-13.00000	0.00000	-2.3319	-0.50000	0.0	0.0	0.0
	4.00000	-13.00000	0.00000	-2.4586	-0.50000	0.0	0.0	0.0
	5.00000	-13.00000	0.00000	-2.5818	-0.50000	0.0	0.0	0.0
	6.00000	-13.00000	0.00000	-2.7003	-0.50000	0.0	0.0	0.0
	7.00000	-13.00000	0.00000	-2.8134	-0.50000	0.0	0.0	0.0
	8.00000	-13.00000	0.00000	-2.9202	-0.50000	0.0	0.0	0.0
	9.00000	-13.00000	0.00000	-3.0201	-0.50000	0.0	0.0	0.0
	10.00000	-13.00000	0.00000	-3.1125	-0.50000	0.0	0.0	0.0
	11.00000	-13.00000	0.00000	-3.1970	-0.50000	0.0	0.0	0.0
	12.00000	-13.00000	0.00000	-3.2733	-0.50000	0.0	0.0	0.0
	13.00000	-13.00000	0.00000	-3.3410	-0.50000	0.0	0.0	0.0
	14.00000	-13.00000	0.00000	-3.3998	-0.50000	0.0	0.0	0.0
	15.00000	-13.00000	0.00000	-3.4498	-0.50000	0.0	0.0	0.0
	16.00000	-13.00000	0.00000	-3.4906	-0.50000	0.0	0.0	0.0
	17.00000	-13.00000	0.00000	-3.5223	-0.50000	0.0	0.0	0.0
	18.00000	-13.00000	0.00000	-3.5448	-0.50000	0.0	0.0	0.0
	19.00000	-13.00000	0.00000	-3.5581	-0.50000	0.0	0.0	0.0
	20.00000	-13.00000	0.00000	-3.5621	-0.50000	0.0	0.0	0.0
	21.00000	-13.00000	0.00000	-3.5568	-0.50000	0.0	0.0	0.0
	22.00000	-13.00000	0.00000	-3.5423	-0.50000	0.0	0.0	0.0
	23.00000	-13.00000	0.00000	-3.5185	-0.50000	0.0	0.0	0.0
	24.00000	-13.00000	0.00000	-3.4855	-0.50000	0.0	0.0	0.0
	25.00000	-13.00000	0.00000	-3.4434	-0.50000	0.0	0.0	0.0
	26.00000	-13.00000	0.00000	-3.3923	-0.50000	0.0	0.0	0.0
	27.00000	-13.00000	0.00000	-3.3322	-0.50000	0.0	0.0	0.0
	28.00000	-13.00000	0.00000	-3.2633	-0.50000	0.0	0.0	0.0
	29.00000	-13.00000	0.00000	-3.1860	-0.50000	0.0	0.0	0.0
	30.00000	-13.00000	0.00000	-3.1003	-0.50000	0.0	0.0	0.0
	31.00000	-13.00000	0.00000	-3.0069	-0.50000	0.0	0.0	0.0
	32.00000	-13.00000	0.00000	-2.9060	-0.50000	0.0	0.0	0.0
	33.00000	-13.00000	0.00000	-2.7982	-0.50000	0.0	0.0	0.0
	34.00000	-13.00000	0.00000	-2.6843	-0.50000	0.0	0.0	0.0
	35.00000	-13.00000	0.00000	-2.5650	-0.50000	0.0	0.0	0.0
	36.00000	-13.00000	0.00000	-2.4412	-0.50000	0.0	0.0	0.0
	37.00000	-13.00000	0.00000	-2.3137	-0.50000	0.0	0.0	0.0
	38.00000	-13.00000	0.00000	-2.1838	-0.50000	0.0	0.0	0.0
	39.00000	-13.00000	0.00000	-2.0523	-0.50000	0.0	0.0	0.0
	40.00000	-13.00000	0.00000	-1.9203	-0.50000	0.0	0.0	0.0
	41.00000	-13.00000	0.00000	-1.7888	-0.50000	0.0	0.0	0.0
	42.00000	-13.00000	0.00000	-1.6588	-0.50000	0.0	0.0	0.0
	43.00000	-13.00000	0.00000	-1.5310	-0.50000	0.0	0.0	0.0
	44.00000	-13.00000	0.00000	-1.4062	-0.50000	0.0	0.0	0.0
	45.00000	-13.00000	0.00000	-1.2850	-0.50000	0.0	0.0	0.0
	46.00000	-13.00000	0.00000	-1.1678	-0.50000	0.0	0.0	0.0
	47.00000	-13.00000	0.00000	-1.0551	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	48.00000	-13.00000	0.00000	-0.94708	-0.50000	0.0	0.0	0.0
	49.00000	-13.00000	0.00000	-0.84395	-0.50000	0.0	0.0	0.0
	50.00000	-13.00000	0.00000	-0.74579	-0.50000	0.0	0.0	0.0
	51.00000	-13.00000	0.00000	-0.65263	-0.50000	0.0	0.0	0.0
	52.00000	-13.00000	0.00000	-0.56446	-0.50000	0.0	0.0	0.0
	53.00000	-13.00000	0.00000	-0.48120	-0.50000	0.0	0.0	0.0
	54.00000	-13.00000	0.00000	-0.40277	-0.50000	0.0	0.0	0.0
	55.00000	-13.00000	0.00000	-0.32901	-0.50000	0.0	0.0	0.0
	56.00000	-13.00000	0.00000	-0.25981	-0.50000	0.0	0.0	0.0
	57.00000	-13.00000	0.00000	-0.19498	-0.50000	0.0	0.0	0.0
	58.00000	-13.00000	0.00000	-0.13435	-0.50000	0.0	0.0	0.0
	59.00000	-13.00000	0.00000	-0.077766	-0.50000	0.0	0.0	0.0
	60.00000	-13.00000	0.00000	-0.025029	-0.50000	0.0	0.0	0.0
	-20.00000	-12.00000	0.00000	-0.077368	-0.50000	0.0	0.0	0.0
	-19.00000	-12.00000	0.00000	-0.13480	-0.50000	0.0	0.0	0.0
	-18.00000	-12.00000	0.00000	-0.19647	-0.50000	0.0	0.0	0.0
	-17.00000	-12.00000	0.00000	-0.26259	-0.50000	0.0	0.0	0.0
	-16.00000	-12.00000	0.00000	-0.33338	-0.50000	0.0	0.0	0.0
	-15.00000	-12.00000	0.00000	-0.40904	-0.50000	0.0	0.0	0.0
	-14.00000	-12.00000	0.00000	-0.48977	-0.50000	0.0	0.0	0.0
	-13.00000	-12.00000	0.00000	-0.57577	-0.50000	0.0	0.0	0.0
	-12.00000	-12.00000	0.00000	-0.66719	-0.50000	0.0	0.0	0.0
	-11.00000	-12.00000	0.00000	-0.76420	-0.50000	0.0	0.0	0.0
	-10.00000	-12.00000	0.00000	-0.86690	-0.50000	0.0	0.0	0.0
	-9.00000	-12.00000	0.00000	-0.97536	-0.50000	0.0	0.0	0.0
	-8.00000	-12.00000	0.00000	-1.0896	-0.50000	0.0	0.0	0.0
	-7.00000	-12.00000	0.00000	-1.2095	-0.50000	0.0	0.0	0.0
	-6.00000	-12.00000	0.00000	-1.3350	-0.50000	0.0	0.0	0.0
	-5.00000	-12.00000	0.00000	-1.4657	-0.50000	0.0	0.0	0.0
	-4.00000	-12.00000	0.00000	-1.6014	-0.50000	0.0	0.0	0.0
	-3.00000	-12.00000	0.00000	-1.7414	-0.50000	0.0	0.0	0.0
	-2.00000	-12.00000	0.00000	-1.8851	-0.50000	0.0	0.0	0.0
	-1.00000	-12.00000	0.00000	-2.0316	-0.50000	0.0	0.0	0.0
	0.00000	-12.00000	0.00000	-2.1800	-0.50000	0.0	0.0	0.0
	1.00000	-12.00000	0.00000	-2.3292	-0.50000	0.0	0.0	0.0
	2.00000	-12.00000	0.00000	-2.4779	-0.50000	0.0	0.0	0.0
	3.00000	-12.00000	0.00000	-2.6249	-0.50000	0.0	0.0	0.0
	4.00000	-12.00000	0.00000	-2.7688	-0.50000	0.0	0.0	0.0
	5.00000	-12.00000	0.00000	-2.9086	-0.50000	0.0	0.0	0.0
	6.00000	-12.00000	0.00000	-3.0430	-0.50000	0.0	0.0	0.0
	7.00000	-12.00000	0.00000	-3.1711	-0.50000	0.0	0.0	0.0
	8.00000	-12.00000	0.00000	-3.2919	-0.50000	0.0	0.0	0.0
	9.00000	-12.00000	0.00000	-3.4046	-0.50000	0.0	0.0	0.0
	10.00000	-12.00000	0.00000	-3.5087	-0.50000	0.0	0.0	0.0
	11.00000	-12.00000	0.00000	-3.6037	-0.50000	0.0	0.0	0.0
	12.00000	-12.00000	0.00000	-3.6893	-0.50000	0.0	0.0	0.0
	13.00000	-12.00000	0.00000	-3.7651	-0.50000	0.0	0.0	0.0
	14.00000	-12.00000	0.00000	-3.8309	-0.50000	0.0	0.0	0.0
	15.00000	-12.00000	0.00000	-3.8867	-0.50000	0.0	0.0	0.0
	16.00000	-12.00000	0.00000	-3.9322	-0.50000	0.0	0.0	0.0
	17.00000	-12.00000	0.00000	-3.9675	-0.50000	0.0	0.0	0.0
	18.00000	-12.00000	0.00000	-3.9926	-0.50000	0.0	0.0	0.0
	19.00000	-12.00000	0.00000	-4.0073	-0.50000	0.0	0.0	0.0
	20.00000	-12.00000	0.00000	-4.0118	-0.50000	0.0	0.0	0.0
	21.00000	-12.00000	0.00000	-4.0059	-0.50000	0.0	0.0	0.0
	22.00000	-12.00000	0.00000	-3.9898	-0.50000	0.0	0.0	0.0
	23.00000	-12.00000	0.00000	-3.9633	-0.50000	0.0	0.0	0.0
	24.00000	-12.00000	0.00000	-3.9266	-0.50000	0.0	0.0	0.0
	25.00000	-12.00000	0.00000	-3.8796	-0.50000	0.0	0.0	0.0
	26.00000	-12.00000	0.00000	-3.8225	-0.50000	0.0	0.0	0.0
	27.00000	-12.00000	0.00000	-3.7554	-0.50000	0.0	0.0	0.0
	28.00000	-12.00000	0.00000	-3.6783	-0.50000	0.0	0.0	0.0
	29.00000	-12.00000	0.00000	-3.5915	-0.50000	0.0	0.0	0.0
	30.00000	-12.00000	0.00000	-3.4953	-0.50000	0.0	0.0	0.0
	31.00000	-12.00000	0.00000	-3.3900	-0.50000	0.0	0.0	0.0
	32.00000	-12.00000	0.00000	-3.2761	-0.50000	0.0	0.0	0.0
	33.00000	-12.00000	0.00000	-3.1543	-0.50000	0.0	0.0	0.0
	34.00000	-12.00000	0.00000	-3.0253	-0.50000	0.0	0.0	0.0
	35.00000	-12.00000	0.00000	-2.8900	-0.50000	0.0	0.0	0.0
	36.00000	-12.00000	0.00000	-2.7495	-0.50000	0.0	0.0	0.0
	37.00000	-12.00000	0.00000	-2.6048	-0.50000	0.0	0.0	0.0
	38.00000	-12.00000	0.00000	-2.4572	-0.50000	0.0	0.0	0.0
	39.00000	-12.00000	0.00000	-2.3080	-0.50000	0.0	0.0	0.0
	40.00000	-12.00000	0.00000	-2.1584	-0.50000	0.0	0.0	0.0
	41.00000	-12.00000	0.00000	-2.0097	-0.50000	0.0	0.0	0.0
	42.00000	-12.00000	0.00000	-1.8630	-0.50000	0.0	0.0	0.0
	43.00000	-12.00000	0.00000	-1.7192	-0.50000	0.0	0.0	0.0
	44.00000	-12.00000	0.00000	-1.5792	-0.50000	0.0	0.0	0.0
	45.00000	-12.00000	0.00000	-1.4436	-0.50000	0.0	0.0	0.0
	46.00000	-12.00000	0.00000	-1.3131	-0.50000	0.0	0.0	0.0
	47.00000	-12.00000	0.00000	-1.1879	-0.50000	0.0	0.0	0.0
	48.00000	-12.00000	0.00000	-1.0683	-0.50000	0.0	0.0	0.0
	49.00000	-12.00000	0.00000	-0.95445	-0.50000	0.0	0.0	0.0
	50.00000	-12.00000	0.00000	-0.84646	-0.50000	0.0	0.0	0.0
	51.00000	-12.00000	0.00000	-0.74428	-0.50000	0.0	0.0	0.0
	52.00000	-12.00000	0.00000	-0.64784	-0.50000	0.0	0.0	0.0
	53.00000	-12.00000	0.00000	-0.55701	-0.50000	0.0	0.0	0.0
	54.00000	-12.00000	0.00000	-0.47165	-0.50000	0.0	0.0	0.0
	55.00000	-12.00000	0.00000	-0.39158	-0.50000	0.0	0.0	0.0
	56.00000	-12.00000	0.00000	-0.31660	-0.50000	0.0	0.0	0.0
	57.00000	-12.00000	0.00000	-0.24650	-0.50000	0.0	0.0	0.0
	58.00000	-12.00000	0.00000	-0.18108	-0.50000	0.0	0.0	0.0
	59.00000	-12.00000	0.00000	-0.12011	-0.50000	0.0	0.0	0.0
	60.00000	-12.00000	0.00000	-0.063370	-0.50000	0.0	0.0	0.0
	-20.00000	-11.00000	0.00000	-0.11810	-0.50000	0.0	0.0	0.0
	-19.00000	-11.00000	0.00000	-0.17980	-0.50000	0.0	0.0	0.0
	-18.00000	-11.00000	0.00000	-0.24616	-0.50000	0.0	0.0	0.0
	-17.00000	-11.00000	0.00000	-0.31744	-0.50000	0.0	0.0	0.0
	-16.00000	-11.00000	0.00000	-0.39388	-0.50000	0.0	0.0	0.0
	-15.00000	-11.00000	0.00000	-0.47576	-0.50000	0.0	0.0	0.0
	-14.00000	-11.00000	0.00000	-0.56332	-0.50000	0.0	0.0	0.0
	-13.00000	-11.00000	0.00000	-0.65681	-0.50000	0.0	0.0	0.0
	-12.00000	-11.00000	0.00000	-0.75647	-0.50000	0.0	0.0	0.0
	-11.00000	-11.00000	0.00000	-0.86251	-0.50000	0.0	0.0	0.0
	-10.00000	-11.00000	0.00000	-0.97510	-0.50000	0.0	0.0	0.0
	-9.00000	-11.00000	0.00000	-1.0944	-0.50000	0.0	0.0	0.0
	-8.00000	-11.00000	0.00000	-1.2205	-0.50000	0.0	0.0	0.0
	-7.00000	-11.00000	0.00000	-1.3533	-0.50000	0.0	0.0	0.0
	-6.00000	-11.00000	0.00000	-1.4927	-0.50000	0.0	0.0	0.0
	-5.00000	-11.00000	0.00000	-1.6386	-0.50000	0.0	0.0	0.0
	-4.00000	-11.00000	0.00000	-1.7906	-0.50000	0.0	0.0	0.0
	-3.00000	-11.00000	0.00000	-1.9480	-0.50000	0.0	0.0	0.0
	-2.00000	-11.00000	0.00000	-2.1101	-0.50000	0.0	0.0	0.0
	-1.00000	-11.00000	0.00000	-2.2760	-0.50000	0.0	0.0	0.0
	0.00000	-11.00000	0.00000	-2.4444	-0.50000	0.0	0.0	0.0
	1.00000	-11.00000	0.00000	-2.6141	-0.50000	0.0	0.0	0.0
	2.00000	-11.00000	0.00000	-2.7835	-0.50000	0.0	0.0	0.0
	3.00000	-11.00000	0.00000	-2.9510	-0.50000	0.0	0.0	0.0
	4.00000	-11.00000	0.00000	-3.1151	-0.50000	0.0	0.0	0.0
	5.00000	-11.00000	0.00000	-3.2744	-0.50000	0.0	0.0	0.0
	6.00000	-11.00000	0.00000	-3.4273	-0.50000	0.0	0.0	0.0
	7.00000	-11.00000	0.00000	-3.5727	-0.50000	0.0	0.0	0.0
	8.00000	-11.00000	0.00000	-3.7095	-0.50000	0.0	0.0	0.0
	9.00000	-11.00000	0.00000	-3.8370	-0.50000	0.0	0.0	0.0
	10.00000	-11.00000	0.00000	-3.9544	-0.50000	0.0	0.0	0.0
	11.00000	-11.00000	0.00000	-4.0613	-0.50000	0.0	0.0	0.0
	12.00000	-11.00000	0.00000	-4.1572	-0.50000	0.0	0.0	0.0
	13.00000	-11.00000	0.00000	-4.2421	-0.50000	0.0	0.0	0.0
	14.00000	-11.00000	0.00000	-4.3157	-0.50000	0.0	0.0	0.0
	15.00000	-11.00000	0.00000	-4.3779	-0.50000	0.0	0.0	0.0
	16.00000	-11.00000	0.00000	-4.4287	-0.50000	0.0	0.0	0.0
	17.00000	-11.00000	0.00000	-4.4680	-0.50000	0.0	0.0	0.0
	18.00000	-11.00000	0.00000	-4.4958	-0.50000	0.0	0.0	0.0
	19.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	27.00000	-11.00000	0.00000	-4.2314	-0.50000	0.0	0.0	0.0
	28.00000	-11.00000	0.00000	-4.1451	-0.50000	0.0	0.0	0.0
	29.00000	-11.00000	0.00000	-4.0477	-0.50000	0.0	0.0	0.0
	30.00000	-11.00000	0.00000	-3.9394	-0.50000	0.0	0.0	0.0
	31.00000	-11.00000	0.00000	-3.8207	-0.50000	0.0	0.0	0.0
	32.00000	-11.00000	0.00000	-3.6921	-0.50000	0.0	0.0	0.0
	33.00000	-11.00000	0.00000	-3.5541	-0.50000	0.0	0.0	0.0
	34.00000	-11.00000	0.00000	-3.4076	-0.50000	0.0	0.0	0.0
	35.00000	-11.00000	0.00000	-3.2537	-0.50000	0.0	0.0	0.0
	36.00000	-11.00000	0.00000	-3.0936	-0.50000	0.0	0.0	0.0
	37.00000	-11.00000	0.00000	-2.9287	-0.50000	0.0	0.0	0.0
	38.00000	-11.00000	0.00000	-2.7605	-0.50000	0.0	0.0	0.0
	39.00000	-11.00000	0.00000	-2.5906	-0.50000	0.0	0.0	0.0
	40.00000	-11.00000	0.00000	-2.4205	-0.50000	0.0	0.0	0.0
	41.00000	-11.00000	0.00000	-2.2517	-0.50000	0.0	0.0	0.0
	42.00000	-11.00000	0.00000	-2.0856	-0.50000	0.0	0.0	0.0
	43.00000	-11.00000	0.00000	-1.9234	-0.50000	0.0	0.0	0.0
	44.00000	-11.00000	0.00000	-1.7660	-0.50000	0.0	0.0	0.0
	45.00000	-11.00000	0.00000	-1.6142	-0.50000	0.0	0.0	0.0
	46.00000	-11.00000	0.00000	-1.4686	-0.50000	0.0	0.0	0.0
	47.00000	-11.00000	0.00000	-1.3294	-0.50000	0.0	0.0	0.0
	48.00000	-11.00000	0.00000	-1.1970	-0.50000	0.0	0.0	0.0
	49.00000	-11.00000	0.00000	-1.0714	-0.50000	0.0	0.0	0.0
	50.00000	-11.00000	0.00000	-0.95266	-0.50000	0.0	0.0	0.0
	51.00000	-11.00000	0.00000	-0.84067	-0.50000	0.0	0.0	0.0
	52.00000	-11.00000	0.00000	-0.73528	-0.50000	0.0	0.0	0.0
	53.00000	-11.00000	0.00000	-0.63631	-0.50000	0.0	0.0	0.0
	54.00000	-11.00000	0.00000	-0.54355	-0.50000	0.0	0.0	0.0
	55.00000	-11.00000	0.00000	-0.45674	-0.50000	0.0	0.0	0.0
	56.00000	-11.00000	0.00000	-0.37563	-0.50000	0.0	0.0	0.0
	57.00000	-11.00000	0.00000	-0.29996	-0.50000	0.0	0.0	0.0
	58.00000	-11.00000	0.00000	-0.22947	-0.50000	0.0	0.0	0.0
	59.00000	-11.00000	0.00000	-0.16389	-0.50000	0.0	0.0	0.0
	60.00000	-11.00000	0.00000	-0.10297	-0.50000	0.0	0.0	0.0
	-20.00000	-10.00000	0.00000	-0.16008	-0.50000	0.0	0.0	0.0
	-19.00000	-10.00000	0.00000	-0.22624	-0.50000	0.0	0.0	0.0
	-18.00000	-10.00000	0.00000	-0.29752	-0.50000	0.0	0.0	0.0
	-17.00000	-10.00000	0.00000	-0.37421	-0.50000	0.0	0.0	0.0
	-16.00000	-10.00000	0.00000	-0.45662	-0.50000	0.0	0.0	0.0
	-15.00000	-10.00000	0.00000	-0.54508	-0.50000	0.0	0.0	0.0
	-14.00000	-10.00000	0.00000	-0.63991	-0.50000	0.0	0.0	0.0
	-13.00000	-10.00000	0.00000	-0.74141	-0.50000	0.0	0.0	0.0
	-12.00000	-10.00000	0.00000	-0.84991	-0.50000	0.0	0.0	0.0
	-11.00000	-10.00000	0.00000	-0.96569	-0.50000	0.0	0.0	0.0
	-10.00000	-10.00000	0.00000	-1.0890	-0.50000	0.0	0.0	0.0
	-9.00000	-10.00000	0.00000	-1.2202	-0.50000	0.0	0.0	0.0
	-8.00000	-10.00000	0.00000	-1.3592	-0.50000	0.0	0.0	0.0
	-7.00000	-10.00000	0.00000	-1.5064	-0.50000	0.0	0.0	0.0
	-6.00000	-10.00000	0.00000	-1.6615	-0.50000	0.0	0.0	0.0
	-5.00000	-10.00000	0.00000	-1.8245	-0.50000	0.0	0.0	0.0
	-4.00000	-10.00000	0.00000	-1.9949	-0.50000	0.0	0.0	0.0
	-3.00000	-10.00000	0.00000	-2.1723	-0.50000	0.0	0.0	0.0
	-2.00000	-10.00000	0.00000	-2.3557	-0.50000	0.0	0.0	0.0
	-1.00000	-10.00000	0.00000	-2.5441	-0.50000	0.0	0.0	0.0
	0.00000	-10.00000	0.00000	-2.7360	-0.50000	0.0	0.0	0.0
	1.00000	-10.00000	0.00000	-2.9299	-0.50000	0.0	0.0	0.0
	2.00000	-10.00000	0.00000	-3.1237	-0.50000	0.0	0.0	0.0
	3.00000	-10.00000	0.00000	-3.3156	-0.50000	0.0	0.0	0.0
	4.00000	-10.00000	0.00000	-3.5036	-0.50000	0.0	0.0	0.0
	5.00000	-10.00000	0.00000	-3.6857	-0.50000	0.0	0.0	0.0
	6.00000	-10.00000	0.00000	-3.8602	-0.50000	0.0	0.0	0.0
	7.00000	-10.00000	0.00000	-4.0258	-0.50000	0.0	0.0	0.0
	8.00000	-10.00000	0.00000	-4.1812	-0.50000	0.0	0.0	0.0
	9.00000	-10.00000	0.00000	-4.3255	-0.50000	0.0	0.0	0.0
	10.00000	-10.00000	0.00000	-4.4581	-0.50000	0.0	0.0	0.0
	11.00000	-10.00000	0.00000	-4.5783	-0.50000	0.0	0.0	0.0
	12.00000	-10.00000	0.00000	-4.6861	-0.50000	0.0	0.0	0.0
	13.00000	-10.00000	0.00000	-4.7811	-0.50000	0.0	0.0	0.0
	14.00000	-10.00000	0.00000	-4.8633	-0.50000	0.0	0.0	0.0
	15.00000	-10.00000	0.00000	-4.9327	-0.50000	0.0	0.0	0.0
	16.00000	-10.00000	0.00000	-4.9892	-0.50000	0.0	0.0	0.0
	17.00000	-10.00000	0.00000	-5.0329	-0.50000	0.0	0.0	0.0
	18.00000	-10.00000	0.00000	-5.0638	-0.50000	0.0	0.0	0.0
	19.00000	-10.00000	0.00000	-5.0820	-0.50000	0.0	0.0	0.0
	20.00000	-10.00000	0.00000	-5.0875	-0.50000	0.0	0.0	0.0
	21.00000	-10.00000	0.00000	-5.0803	-0.50000	0.0	0.0	0.0
	22.00000	-10.00000	0.00000	-5.0603	-0.50000	0.0	0.0	0.0
	23.00000	-10.00000	0.00000	-5.0277	-0.50000	0.0	0.0	0.0
	24.00000	-10.00000	0.00000	-4.9823	-0.50000	0.0	0.0	0.0
	25.00000	-10.00000	0.00000	-4.9241	-0.50000	0.0	0.0	0.0
	26.00000	-10.00000	0.00000	-4.8531	-0.50000	0.0	0.0	0.0
	27.00000	-10.00000	0.00000	-4.7692	-0.50000	0.0	0.0	0.0
	28.00000	-10.00000	0.00000	-4.6726	-0.50000	0.0	0.0	0.0
	29.00000	-10.00000	0.00000	-4.5633	-0.50000	0.0	0.0	0.0
	30.00000	-10.00000	0.00000	-4.4415	-0.50000	0.0	0.0	0.0
	31.00000	-10.00000	0.00000	-4.3075	-0.50000	0.0	0.0	0.0
	32.00000	-10.00000	0.00000	-4.1619	-0.50000	0.0	0.0	0.0
	33.00000	-10.00000	0.00000	-4.0052	-0.50000	0.0	0.0	0.0
	34.00000	-10.00000	0.00000	-3.8384	-0.50000	0.0	0.0	0.0
	35.00000	-10.00000	0.00000	-3.6628	-0.50000	0.0	0.0	0.0
	36.00000	-10.00000	0.00000	-3.4797	-0.50000	0.0	0.0	0.0
	37.00000	-10.00000	0.00000	-3.2909	-0.50000	0.0	0.0	0.0
	38.00000	-10.00000	0.00000	-3.0982	-0.50000	0.0	0.0	0.0
	39.00000	-10.00000	0.00000	-2.9038	-0.50000	0.0	0.0	0.0
	40.00000	-10.00000	0.00000	-2.7095	-0.50000	0.0	0.0	0.0
	41.00000	-10.00000	0.00000	-2.5172	-0.50000	0.0	0.0	0.0
	42.00000	-10.00000	0.00000	-2.3286	-0.50000	0.0	0.0	0.0
	43.00000	-10.00000	0.00000	-2.1451	-0.50000	0.0	0.0	0.0
	44.00000	-10.00000	0.00000	-1.9678	-0.50000	0.0	0.0	0.0
	45.00000	-10.00000	0.00000	-1.7975	-0.50000	0.0	0.0	0.0
	46.00000	-10.00000	0.00000	-1.6348	-0.50000	0.0	0.0	0.0
	47.00000	-10.00000	0.00000	-1.4800	-0.50000	0.0	0.0	0.0
	48.00000	-10.00000	0.00000	-1.3334	-0.50000	0.0	0.0	0.0
	49.00000	-10.00000	0.00000	-1.1949	-0.50000	0.0	0.0	0.0
	50.00000	-10.00000	0.00000	-1.0644	-0.50000	0.0	0.0	0.0
	51.00000	-10.00000	0.00000	-0.94174	-0.50000	0.0	0.0	0.0
	52.00000	-10.00000	0.00000	-0.82671	-0.50000	0.0	0.0	0.0
	53.00000	-10.00000	0.00000	-0.71901	-0.50000	0.0	0.0	0.0
	54.00000	-10.00000	0.00000	-0.61833	-0.50000	0.0	0.0	0.0
	55.00000	-10.00000	0.00000	-0.52436	-0.50000	0.0	0.0	0.0
	56.00000	-10.00000	0.00000	-0.43677	-0.50000	0.0	0.0	0.0
	57.00000	-10.00000	0.00000	-0.35523	-0.50000	0.0	0.0	0.0
	58.00000	-10.00000	0.00000	-0.27942	-0.50000	0.0	0.0	0.0
	59.00000	-10.00000	0.00000	-0.20902	-0.50000	0.0	0.0	0.0
	60.00000	-10.00000	0.00000	-0.14372	-0.50000	0.0	0.0	0.0
	-20.00000	-9.00000	0.00000	-0.20317	-0.50000	0.0	0.0	0.0
	-19.00000	-9.00000	0.00000	-0.27398	-0.50000	0.0	0.0	0.0
	-18.00000	-9.00000	0.00000	-0.35039	-0.50000	0.0	0.0	0.0
	-17.00000	-9.00000	0.00000	-0.43276	-0.50000	0.0	0.0	0.0
	-16.00000	-9.00000	0.00000	-0.52146	-0.50000	0.0	0.0	0.0
	-15.00000	-9.00000	0.00000	-0.61687	-0.50000	0.0	0.0	0.0
	-14.00000	-9.00000	0.00000	-0.71939	-0.50000	0.0	0.0	0.0
	-13.00000	-9.00000	0.00000	-0.82942	-0.50000	0.0	0.0	0.0
	-12.00000	-9.00000	0.00000	-0.94737	-0.50000	0.0	0.0	0.0
	-11.00000	-9.00000	0.00000	-1.0736	-0.50000	0.0	0.0	0.0
	-10.00000	-9.00000	0.00000	-1.2086	-0.50000	0.0	0.0	0.0
	-9.00000	-9.00000	0.00000	-1.3526	-0.50000	0.0	0.0	0.0
	-8.00000	-9.00000	0.00000	-1.5060	-0.50000	0.0	0.0	0.0
	-7.00000	-9.00000	0.00000	-1.6690	-0.50000	0.0	0.0	0.0
	-6.00000	-9.00000	0.00000	-1.8416	-0.50000	0.0	0.0	0.0
	-5.00000	-9.00000	0.00000	-2.0238	-0.50000	0.0	0.0	0.0
	-4.00000	-9.00000	0.00000	-2.2154	-0.50000	0.0	0.0	0.0
	-3.00000	-9.00000	0.00000	-2.4157	-0.50000	0.0	0.0	0.0
	-2.00000	-9.00000	0.00000	-2.6240	-0.50000	0.0	0.0	0.0
	-1.00000	-9.00000	0.00000	-2.8388	-0.50000	0.0	0.0	0.0
	0.00000	-9.00000	0.00000	-3.0586	-0.50000	0.0	0.0	0.0
	1.00000	-9.00000	0.00000	-3.2812	-0.50000	0.0	0.0	0.0
	2.00000	-9.00000	0.00000	-3.5043	-0.50000	0.0	0.0	0.0
	3.00000	-9.00000	0.00000	-3.7253	-0.50000	0.0	0.0	0.0
	4.00000	-9.00000	0.00000	-3.9417	-0.50000	0.0	0.0	0.0
	5.00000	-9.00000	0.00000	-4.1510	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	6.00000	-9.00000	0.00000	-4.3511	-0.50000	0.0	0.0	0.0
	7.00000	-9.00000	0.00000	-4.5403	-0.50000	0.0	0.0	0.0
	8.00000	-9.00000	0.00000	-4.7172	-0.50000	0.0	0.0	0.0
	9.00000	-9.00000	0.00000	-4.8809	-0.50000	0.0	0.0	0.0
	10.00000	-9.00000	0.00000	-5.0307	-0.50000	0.0	0.0	0.0
	11.00000	-9.00000	0.00000	-5.1661	-0.50000	0.0	0.0	0.0
	12.00000	-9.00000	0.00000	-5.2870	-0.50000	0.0	0.0	0.0
	13.00000	-9.00000	0.00000	-5.3933	-0.50000	0.0	0.0	0.0
	14.00000	-9.00000	0.00000	-5.4851	-0.50000	0.0	0.0	0.0
	15.00000	-9.00000	0.00000	-5.5623	-0.50000	0.0	0.0	0.0
	16.00000	-9.00000	0.00000	-5.6251	-0.50000	0.0	0.0	0.0
	17.00000	-9.00000	0.00000	-5.6736	-0.50000	0.0	0.0	0.0
	18.00000	-9.00000	0.00000	-5.7079	-0.50000	0.0	0.0	0.0
	19.00000	-9.00000	0.00000	-5.7281	-0.50000	0.0	0.0	0.0
	20.00000	-9.00000	0.00000	-5.7341	-0.50000	0.0	0.0	0.0
	21.00000	-9.00000	0.00000	-5.7261	-0.50000	0.0	0.0	0.0
	22.00000	-9.00000	0.00000	-5.7041	-0.50000	0.0	0.0	0.0
	23.00000	-9.00000	0.00000	-5.6679	-0.50000	0.0	0.0	0.0
	24.00000	-9.00000	0.00000	-5.6175	-0.50000	0.0	0.0	0.0
	25.00000	-9.00000	0.00000	-5.5528	-0.50000	0.0	0.0	0.0
	26.00000	-9.00000	0.00000	-5.4738	-0.50000	0.0	0.0	0.0
	27.00000	-9.00000	0.00000	-5.3802	-0.50000	0.0	0.0	0.0
	28.00000	-9.00000	0.00000	-5.2721	-0.50000	0.0	0.0	0.0
	29.00000	-9.00000	0.00000	-5.1495	-0.50000	0.0	0.0	0.0
	30.00000	-9.00000	0.00000	-5.0123	-0.50000	0.0	0.0	0.0
	31.00000	-9.00000	0.00000	-4.8610	-0.50000	0.0	0.0	0.0
	32.00000	-9.00000	0.00000	-4.6957	-0.50000	0.0	0.0	0.0
	33.00000	-9.00000	0.00000	-4.5174	-0.50000	0.0	0.0	0.0
	34.00000	-9.00000	0.00000	-4.3268	-0.50000	0.0	0.0	0.0
	35.00000	-9.00000	0.00000	-4.1255	-0.50000	0.0	0.0	0.0
	36.00000	-9.00000	0.00000	-3.9151	-0.50000	0.0	0.0	0.0
	37.00000	-9.00000	0.00000	-3.6978	-0.50000	0.0	0.0	0.0
	38.00000	-9.00000	0.00000	-3.4760	-0.50000	0.0	0.0	0.0
	39.00000	-9.00000	0.00000	-3.2522	-0.50000	0.0	0.0	0.0
	40.00000	-9.00000	0.00000	-3.0291	-0.50000	0.0	0.0	0.0
	41.00000	-9.00000	0.00000	-2.8089	-0.50000	0.0	0.0	0.0
	42.00000	-9.00000	0.00000	-2.5939	-0.50000	0.0	0.0	0.0
	43.00000	-9.00000	0.00000	-2.3856	-0.50000	0.0	0.0	0.0
	44.00000	-9.00000	0.00000	-2.1853	-0.50000	0.0	0.0	0.0
	45.00000	-9.00000	0.00000	-1.9940	-0.50000	0.0	0.0	0.0
	46.00000	-9.00000	0.00000	-1.8121	-0.50000	0.0	0.0	0.0
	47.00000	-9.00000	0.00000	-1.6399	-0.50000	0.0	0.0	0.0
	48.00000	-9.00000	0.00000	-1.4775	-0.50000	0.0	0.0	0.0
	49.00000	-9.00000	0.00000	-1.3248	-0.50000	0.0	0.0	0.0
	50.00000	-9.00000	0.00000	-1.1815	-0.50000	0.0	0.0	0.0
	51.00000	-9.00000	0.00000	-1.0474	-0.50000	0.0	0.0	0.0
	52.00000	-9.00000	0.00000	-0.92197	-0.50000	0.0	0.0	0.0
	53.00000	-9.00000	0.00000	-0.80493	-0.50000	0.0	0.0	0.0
	54.00000	-9.00000	0.00000	-0.69585	-0.50000	0.0	0.0	0.0
	55.00000	-9.00000	0.00000	-0.59430	-0.50000	0.0	0.0	0.0
	56.00000	-9.00000	0.00000	-0.49987	-0.50000	0.0	0.0	0.0
	57.00000	-9.00000	0.00000	-0.41217	-0.50000	0.0	0.0	0.0
	58.00000	-9.00000	0.00000	-0.33079	-0.50000	0.0	0.0	0.0
	59.00000	-9.00000	0.00000	-0.25536	-0.50000	0.0	0.0	0.0
	60.00000	-9.00000	0.00000	-0.18551	-0.50000	0.0	0.0	0.0
	-20.00000	-8.00000	0.00000	-0.24726	-0.50000	0.0	0.0	0.0
	-19.00000	-8.00000	0.00000	-0.32289	-0.50000	0.0	0.0	0.0
	-18.00000	-8.00000	0.00000	-0.40465	-0.50000	0.0	0.0	0.0
	-17.00000	-8.00000	0.00000	-0.49294	-0.50000	0.0	0.0	0.0
	-16.00000	-8.00000	0.00000	-0.58821	-0.50000	0.0	0.0	0.0
	-15.00000	-8.00000	0.00000	-0.69093	-0.50000	0.0	0.0	0.0
	-14.00000	-8.00000	0.00000	-0.80157	-0.50000	0.0	0.0	0.0
	-13.00000	-8.00000	0.00000	-0.92065	-0.50000	0.0	0.0	0.0
	-12.00000	-8.00000	0.00000	-1.0487	-0.50000	0.0	0.0	0.0
	-11.00000	-8.00000	0.00000	-1.1862	-0.50000	0.0	0.0	0.0
	-10.00000	-8.00000	0.00000	-1.3337	-0.50000	0.0	0.0	0.0
	-9.00000	-8.00000	0.00000	-1.4918	-0.50000	0.0	0.0	0.0
	-8.00000	-8.00000	0.00000	-1.6608	-0.50000	0.0	0.0	0.0
	-7.00000	-8.00000	0.00000	-1.8413	-0.50000	0.0	0.0	0.0
	-6.00000	-8.00000	0.00000	-2.0334	-0.50000	0.0	0.0	0.0
	-5.00000	-8.00000	0.00000	-2.2374	-0.50000	0.0	0.0	0.0
	-4.00000	-8.00000	0.00000	-2.4530	-0.50000	0.0	0.0	0.0
	-3.00000	-8.00000	0.00000	-2.6800	-0.50000	0.0	0.0	0.0
	-2.00000	-8.00000	0.00000	-2.9172	-0.50000	0.0	0.0	0.0
	-1.00000	-8.00000	0.00000	-3.1634	-0.50000	0.0	0.0	0.0
	0.00000	-8.00000	0.00000	-3.4165	-0.50000	0.0	0.0	0.0
	1.00000	-8.00000	0.00000	-3.6739	-0.50000	0.0	0.0	0.0
	2.00000	-8.00000	0.00000	-3.9324	-0.50000	0.0	0.0	0.0
	3.00000	-8.00000	0.00000	-4.1887	-0.50000	0.0	0.0	0.0
	4.00000	-8.00000	0.00000	-4.4394	-0.50000	0.0	0.0	0.0
	5.00000	-8.00000	0.00000	-4.6813	-0.50000	0.0	0.0	0.0
	6.00000	-8.00000	0.00000	-4.9118	-0.50000	0.0	0.0	0.0
	7.00000	-8.00000	0.00000	-5.1288	-0.50000	0.0	0.0	0.0
	8.00000	-8.00000	0.00000	-5.3308	-0.50000	0.0	0.0	0.0
	9.00000	-8.00000	0.00000	-5.5168	-0.50000	0.0	0.0	0.0
	10.00000	-8.00000	0.00000	-5.6862	-0.50000	0.0	0.0	0.0
	11.00000	-8.00000	0.00000	-5.8387	-0.50000	0.0	0.0	0.0
	12.00000	-8.00000	0.00000	-5.9744	-0.50000	0.0	0.0	0.0
	13.00000	-8.00000	0.00000	-6.0932	-0.50000	0.0	0.0	0.0
	14.00000	-8.00000	0.00000	-6.1955	-0.50000	0.0	0.0	0.0
	15.00000	-8.00000	0.00000	-6.2813	-0.50000	0.0	0.0	0.0
	16.00000	-8.00000	0.00000	-6.3510	-0.50000	0.0	0.0	0.0
	17.00000	-8.00000	0.00000	-6.4047	-0.50000	0.0	0.0	0.0
	18.00000	-8.00000	0.00000	-6.4427	-0.50000	0.0	0.0	0.0
	19.00000	-8.00000	0.00000	-6.4650	-0.50000	0.0	0.0	0.0
	20.00000	-8.00000	0.00000	-6.4717	-0.50000	0.0	0.0	0.0
	21.00000	-8.00000	0.00000	-6.4629	-0.50000	0.0	0.0	0.0
	22.00000	-8.00000	0.00000	-6.4385	-0.50000	0.0	0.0	0.0
	23.00000	-8.00000	0.00000	-6.3984	-0.50000	0.0	0.0	0.0
	24.00000	-8.00000	0.00000	-6.3426	-0.50000	0.0	0.0	0.0
	25.00000	-8.00000	0.00000	-6.2709	-0.50000	0.0	0.0	0.0
	26.00000	-8.00000	0.00000	-6.1830	-0.50000	0.0	0.0	0.0
	27.00000	-8.00000	0.00000	-6.0787	-0.50000	0.0	0.0	0.0
	28.00000	-8.00000	0.00000	-5.9579	-0.50000	0.0	0.0	0.0
	29.00000	-8.00000	0.00000	-5.8203	-0.50000	0.0	0.0	0.0
	30.00000	-8.00000	0.00000	-5.6659	-0.50000	0.0	0.0	0.0
	31.00000	-8.00000	0.00000	-5.4947	-0.50000	0.0	0.0	0.0
	32.00000	-8.00000	0.00000	-5.3070	-0.50000	0.0	0.0	0.0
	33.00000	-8.00000	0.00000	-5.1034	-0.50000	0.0	0.0	0.0
	34.00000	-8.00000	0.00000	-4.8849	-0.50000	0.0	0.0	0.0
	35.00000	-8.00000	0.00000	-4.6530	-0.50000	0.0	0.0	0.0
	36.00000	-8.00000	0.00000	-4.4099	-0.50000	0.0	0.0	0.0
	37.00000	-8.00000	0.00000	-4.1581	-0.50000	0.0	0.0	0.0
	38.00000	-8.00000	0.00000	-3.9009	-0.50000	0.0	0.0	0.0
	39.00000	-8.00000	0.00000	-3.6416	-0.50000	0.0	0.0	0.0
	40.00000	-8.00000	0.00000	-3.3837	-0.50000	0.0	0.0	0.0
	41.00000	-8.00000	0.00000	-3.1302	-0.50000	0.0	0.0	0.0
	42.00000	-8.00000	0.00000	-2.8838	-0.50000	0.0	0.0	0.0
	43.00000	-8.00000	0.00000	-2.6465	-0.50000	0.0	0.0	0.0
	44.00000	-8.00000	0.00000	-2.4197	-0.50000	0.0	0.0	0.0
	45.00000	-8.00000	0.00000	-2.2043	-0.50000	0.0	0.0	0.0
	46.00000	-8.00000	0.00000	-2.0008	-0.50000	0.0	0.0	0.0
	47.00000	-8.00000	0.00000	-1.8092	-0.50000	0.0	0.0	0.0
	48.00000	-8.00000	0.00000	-1.6294	-0.50000	0.0	0.0	0.0
	49.00000	-8.00000	0.00000	-1.4611	-0.50000	0.0	0.0	0.0
	50.00000	-8.00000	0.00000	-1.3040	-0.50000	0.0	0.0	0.0
	51.00000	-8.00000	0.00000	-1.1574	-0.50000	0.0	0.0	0.0
	52.00000	-8.00000	0.00000	-1.0209	-0.50000	0.0	0.0	0.0
	53.00000	-8.00000	0.00000	-0.89388	-0.50000	0.0	0.0	0.0
	54.00000	-8.00000	0.00000	-0.77589	-0.50000	0.0	0.0	0.0
	55.00000	-8.00000	0.00000	-0.66635	-0.50000	0.0	0.0	0.0
	56.00000	-8.00000	0.00000	-0.56475	-0.50000	0.0	0.0	0.0
	57.00000	-8.00000	0.00000	-0.47060	-0.50000	0.0	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-15.00000	-7.00000	0.00000	-0.76703	-0.50000	0.0	0.0	0.0
	-14.00000	-7.00000	0.00000	-0.88621	-0.50000	0.0	0.0	0.0
	-13.00000	-7.00000	0.00000	-1.0148	-0.50000	0.0	0.0	0.0
	-12.00000	-7.00000	0.00000	-1.1536	-0.50000	0.0	0.0	0.0
	-11.00000	-7.00000	0.00000	-1.3031	-0.50000	0.0	0.0	0.0
	-10.00000	-7.00000	0.00000	-1.4641	-0.50000	0.0	0.0	0.0
	-9.00000	-7.00000	0.00000	-1.6373	-0.50000	0.0	0.0	0.0
	-8.00000	-7.00000	0.00000	-1.8234	-0.50000	0.0	0.0	0.0
	-7.00000	-7.00000	0.00000	-2.0231	-0.50000	0.0	0.0	0.0
	-6.00000	-7.00000	0.00000	-2.2370	-0.50000	0.0	0.0	0.0
	-5.00000	-7.00000	0.00000	-2.4655	-0.50000	0.0	0.0	0.0
	-4.00000	-7.00000	0.00000	-2.7087	-0.50000	0.0	0.0	0.0
	-3.00000	-7.00000	0.00000	-2.9665	-0.50000	0.0	0.0	0.0
	-2.00000	-7.00000	0.00000	-3.2379	-0.50000	0.0	0.0	0.0
	-1.00000	-7.00000	0.00000	-3.5216	-0.50000	0.0	0.0	0.0
	0.00000	-7.00000	0.00000	-3.8151	-0.50000	0.0	0.0	0.0
	1.00000	-7.00000	0.00000	-4.1150	-0.50000	0.0	0.0	0.0
	2.00000	-7.00000	0.00000	-4.4173	-0.50000	0.0	0.0	0.0
	3.00000	-7.00000	0.00000	-4.7171	-0.50000	0.0	0.0	0.0
	4.00000	-7.00000	0.00000	-5.0100	-0.50000	0.0	0.0	0.0
	5.00000	-7.00000	0.00000	-5.2916	-0.50000	0.0	0.0	0.0
	6.00000	-7.00000	0.00000	-5.5585	-0.50000	0.0	0.0	0.0
	7.00000	-7.00000	0.00000	-5.8084	-0.50000	0.0	0.0	0.0
	8.00000	-7.00000	0.00000	-6.0397	-0.50000	0.0	0.0	0.0
	9.00000	-7.00000	0.00000	-6.2513	-0.50000	0.0	0.0	0.0
	10.00000	-7.00000	0.00000	-6.4430	-0.50000	0.0	0.0	0.0
	11.00000	-7.00000	0.00000	-6.6147	-0.50000	0.0	0.0	0.0
	12.00000	-7.00000	0.00000	-6.7668	-0.50000	0.0	0.0	0.0
	13.00000	-7.00000	0.00000	-6.8995	-0.50000	0.0	0.0	0.0
	14.00000	-7.00000	0.00000	-7.0133	-0.50000	0.0	0.0	0.0
	15.00000	-7.00000	0.00000	-7.1085	-0.50000	0.0	0.0	0.0
	16.00000	-7.00000	0.00000	-7.1857	-0.50000	0.0	0.0	0.0
	17.00000	-7.00000	0.00000	-7.2451	-0.50000	0.0	0.0	0.0
	18.00000	-7.00000	0.00000	-7.2869	-0.50000	0.0	0.0	0.0
	19.00000	-7.00000	0.00000	-7.3115	-0.50000	0.0	0.0	0.0
	20.00000	-7.00000	0.00000	-7.3189	-0.50000	0.0	0.0	0.0
	21.00000	-7.00000	0.00000	-7.3092	-0.50000	0.0	0.0	0.0
	22.00000	-7.00000	0.00000	-7.2823	-0.50000	0.0	0.0	0.0
	23.00000	-7.00000	0.00000	-7.2381	-0.50000	0.0	0.0	0.0
	24.00000	-7.00000	0.00000	-7.1765	-0.50000	0.0	0.0	0.0
	25.00000	-7.00000	0.00000	-7.0970	-0.50000	0.0	0.0	0.0
	26.00000	-7.00000	0.00000	-6.9995	-0.50000	0.0	0.0	0.0
	27.00000	-7.00000	0.00000	-6.8835	-0.50000	0.0	0.0	0.0
	28.00000	-7.00000	0.00000	-6.7485	-0.50000	0.0	0.0	0.0
	29.00000	-7.00000	0.00000	-6.5943	-0.50000	0.0	0.0	0.0
	30.00000	-7.00000	0.00000	-6.4205	-0.50000	0.0	0.0	0.0
	31.00000	-7.00000	0.00000	-6.2267	-0.50000	0.0	0.0	0.0
	32.00000	-7.00000	0.00000	-6.0132	-0.50000	0.0	0.0	0.0
	33.00000	-7.00000	0.00000	-5.7801	-0.50000	0.0	0.0	0.0
	34.00000	-7.00000	0.00000	-5.5286	-0.50000	0.0	0.0	0.0
	35.00000	-7.00000	0.00000	-5.2600	-0.50000	0.0	0.0	0.0
	36.00000	-7.00000	0.00000	-4.9770	-0.50000	0.0	0.0	0.0
	37.00000	-7.00000	0.00000	-4.6830	-0.50000	0.0	0.0	0.0
	38.00000	-7.00000	0.00000	-4.3821	-0.50000	0.0	0.0	0.0
	39.00000	-7.00000	0.00000	-4.0790	-0.50000	0.0	0.0	0.0
	40.00000	-7.00000	0.00000	-3.7785	-0.50000	0.0	0.0	0.0
	41.00000	-7.00000	0.00000	-3.4846	-0.50000	0.0	0.0	0.0
	42.00000	-7.00000	0.00000	-3.2007	-0.50000	0.0	0.0	0.0
	43.00000	-7.00000	0.00000	-2.9292	-0.50000	0.0	0.0	0.0
	44.00000	-7.00000	0.00000	-2.6717	-0.50000	0.0	0.0	0.0
	45.00000	-7.00000	0.00000	-2.4288	-0.50000	0.0	0.0	0.0
	46.00000	-7.00000	0.00000	-2.2009	-0.50000	0.0	0.0	0.0
	47.00000	-7.00000	0.00000	-1.9877	-0.50000	0.0	0.0	0.0
	48.00000	-7.00000	0.00000	-1.7887	-0.50000	0.0	0.0	0.0
	49.00000	-7.00000	0.00000	-1.6035	-0.50000	0.0	0.0	0.0
	50.00000	-7.00000	0.00000	-1.4313	-0.50000	0.0	0.0	0.0
	51.00000	-7.00000	0.00000	-1.2714	-0.50000	0.0	0.0	0.0
	52.00000	-7.00000	0.00000	-1.1231	-0.50000	0.0	0.0	0.0
	53.00000	-7.00000	0.00000	-0.98557	-0.50000	0.0	0.0	0.0
	54.00000	-7.00000	0.00000	-0.85819	-0.50000	0.0	0.0	0.0
	55.00000	-7.00000	0.00000	-0.74027	-0.50000	0.0	0.0	0.0
	56.00000	-7.00000	0.00000	-0.63118	-0.50000	0.0	0.0	0.0
	57.00000	-7.00000	0.00000	-0.53031	-0.50000	0.0	0.0	0.0
	58.00000	-7.00000	0.00000	-0.43711	-0.50000	0.0	0.0	0.0
	59.00000	-7.00000	0.00000	-0.35105	-0.50000	0.0	0.0	0.0
	60.00000	-7.00000	0.00000	-0.27164	-0.50000	0.0	0.0	0.0
	-20.00000	-6.00000	0.00000	-0.33777	-0.50000	0.0	0.0	0.0
	-19.00000	-6.00000	0.00000	-0.42351	-0.50000	0.0	0.0	0.0
	-18.00000	-6.00000	0.00000	-0.51651	-0.50000	0.0	0.0	0.0
	-17.00000	-6.00000	0.00000	-0.61733	-0.50000	0.0	0.0	0.0
	-16.00000	-6.00000	0.00000	-0.72657	-0.50000	0.0	0.0	0.0
	-15.00000	-6.00000	0.00000	-0.84489	-0.50000	0.0	0.0	0.0
	-14.00000	-6.00000	0.00000	-0.97299	-0.50000	0.0	0.0	0.0
	-13.00000	-6.00000	0.00000	-1.1116	-0.50000	0.0	0.0	0.0
	-12.00000	-6.00000	0.00000	-1.2616	-0.50000	0.0	0.0	0.0
	-11.00000	-6.00000	0.00000	-1.4239	-0.50000	0.0	0.0	0.0
	-10.00000	-6.00000	0.00000	-1.5993	-0.50000	0.0	0.0	0.0
	-9.00000	-6.00000	0.00000	-1.7888	-0.50000	0.0	0.0	0.0
	-8.00000	-6.00000	0.00000	-1.9935	-0.50000	0.0	0.0	0.0
	-7.00000	-6.00000	0.00000	-2.2144	-0.50000	0.0	0.0	0.0
	-6.00000	-6.00000	0.00000	-2.4524	-0.50000	0.0	0.0	0.0
	-5.00000	-6.00000	0.00000	-2.7084	-0.50000	0.0	0.0	0.0
	-4.00000	-6.00000	0.00000	-2.9831	-0.50000	0.0	0.0	0.0
	-3.00000	-6.00000	0.00000	-3.2767	-0.50000	0.0	0.0	0.0
	-2.00000	-6.00000	0.00000	-3.5887	-0.50000	0.0	0.0	0.0
	-1.00000	-6.00000	0.00000	-3.9176	-0.50000	0.0	0.0	0.0
	0.00000	-6.00000	0.00000	-4.2608	-0.50000	0.0	0.0	0.0
	1.00000	-6.00000	0.00000	-4.6140	-0.50000	0.0	0.0	0.0
	2.00000	-6.00000	0.00000	-4.9713	-0.50000	0.0	0.0	0.0
	3.00000	-6.00000	0.00000	-5.3260	-0.50000	0.0	0.0	0.0
	4.00000	-6.00000	0.00000	-5.6716	-0.50000	0.0	0.0	0.0
	5.00000	-6.00000	0.00000	-6.0022	-0.50000	0.0	0.0	0.0
	6.00000	-6.00000	0.00000	-6.3134	-0.50000	0.0	0.0	0.0
	7.00000	-6.00000	0.00000	-6.6025	-0.50000	0.0	0.0	0.0
	8.00000	-6.00000	0.00000	-6.8679	-0.50000	0.0	0.0	0.0
	9.00000	-6.00000	0.00000	-7.1090	-0.50000	0.0	0.0	0.0
	10.00000	-6.00000	0.00000	-7.3260	-0.50000	0.0	0.0	0.0
	11.00000	-6.00000	0.00000	-7.5192	-0.50000	0.0	0.0	0.0
	12.00000	-6.00000	0.00000	-7.6894	-0.50000	0.0	0.0	0.0
	13.00000	-6.00000	0.00000	-7.8373	-0.50000	0.0	0.0	0.0
	14.00000	-6.00000	0.00000	-7.9637	-0.50000	0.0	0.0	0.0
	15.00000	-6.00000	0.00000	-8.0691	-0.50000	0.0	0.0	0.0
	16.00000	-6.00000	0.00000	-8.1543	-0.50000	0.0	0.0	0.0
	17.00000	-6.00000	0.00000	-8.2197	-0.50000	0.0	0.0	0.0
	18.00000	-6.00000	0.00000	-8.2658	-0.50000	0.0	0.0	0.0
	19.00000	-6.00000	0.00000	-8.2928	-0.50000	0.0	0.0	0.0
	20.00000	-6.00000	0.00000	-8.3010	-0.50000	0.0	0.0	0.0
	21.00000	-6.00000	0.00000	-8.2903	-0.50000	0.0	0.0	0.0
	22.00000	-6.00000	0.00000	-8.2607	-0.50000	0.0	0.0	0.0
	23.00000	-6.00000	0.00000	-8.2121	-0.50000	0.0	0.0	0.0
	24.00000	-6.00000	0.00000	-8.1441	-0.50000	0.0	0.0	0.0
	25.00000	-6.00000	0.00000	-8.0564	-0.50000	0.0	0.0	0.0
	26.00000	-6.00000	0.00000	-7.9484	-0.50000	0.0	0.0	0.0
	27.00000	-6.00000	0.00000	-7.8196	-0.50000	0.0	0.0	0.0
	28.00000	-6.00000	0.00000	-7.6692	-0.50000	0.0	0.0	0.0
	29.00000	-6.00000	0.00000	-7.4966	-0.50000	0.0	0.0	0.0
	30.00000	-6.00000	0.00000	-7.3010	-0.50000	0.0	0.0	0.0
	31.00000	-6.00000	0.00000	-7.0818	-0.50000	0.0	0.0	0.0
	32.00000	-6.00000	0.00000	-6.8384	-0.50000	0.0	0.0	0.0
	33.00000	-6.00000	0.00000	-6.5710	-0.50000	0.0	0.0	0.0
	34.00000	-6.00000	0.00000	-6.2800	-0.50000	0.0	0.0	0.0
	35.00000	-6.00000	0.00000	-5.9670	-0.50000	0.0	0.0	0.0
	36.00000	-6.00000	0.00000	-5.6349	-0.50000	0.0	0.0	0.0
	37.00000	-6.00000	0.00000	-5.2879	-0.50000	0.0	0.0	0.0
	38.00000	-6.00000	0.00000	-4.9320	-0.50000	0.0	0.0	0.0
	39.00000	-6.00000	0.00000	-4.5738	-0.50000	0.0	0.0	0.0
	40.00000	-6.00000	0.00000	-4.2200	-0.50000	0.0	0.0	0.0
	41.00000	-6.00000	0.00000	-3.8764	-0.50000	0.0	0.0	0.0
	42.00000	-6.00000	0.00000	-3.5472	-0.50000	0.0	0.0	0.0
	43.00000	-6.00000	0.00000	-3.2352	-0.50000	0.0	0.0	0.0
	44.00000	-6.00000	0.00000	-2.9419	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	45.00000	-6.00000	0.00000	-2.6677	-0.50000	0.0	0.0	0.0
	46.00000	-6.00000	0.00000	-2.4123	-0.50000	0.0	0.0	0.0
	47.00000	-6.00000	0.00000	-2.1751	-0.50000	0.0	0.0	0.0
	48.00000	-6.00000	0.00000	-1.9552	-0.50000	0.0	0.0	0.0
	49.00000	-6.00000	0.00000	-1.7516	-0.50000	0.0	0.0	0.0
	50.00000	-6.00000	0.00000	-1.5633	-0.50000	0.0	0.0	0.0
	51.00000	-6.00000	0.00000	-1.3891	-0.50000	0.0	0.0	0.0
	52.00000	-6.00000	0.00000	-1.2283	-0.50000	0.0	0.0	0.0
	53.00000	-6.00000	0.00000	-1.0797	-0.50000	0.0	0.0	0.0
	54.00000	-6.00000	0.00000	-0.94243	-0.50000	0.0	0.0	0.0
	55.00000	-6.00000	0.00000	-0.81577	-0.50000	0.0	0.0	0.0
	56.00000	-6.00000	0.00000	-0.69889	-0.50000	0.0	0.0	0.0
	57.00000	-6.00000	0.00000	-0.59108	-0.50000	0.0	0.0	0.0
	58.00000	-6.00000	0.00000	-0.49167	-0.50000	0.0	0.0	0.0
	59.00000	-6.00000	0.00000	-0.40005	-0.50000	0.0	0.0	0.0
	60.00000	-6.00000	0.00000	-0.31565	-0.50000	0.0	0.0	0.0
	-20.00000	-5.00000	0.00000	-0.38383	-0.50000	0.0	0.0	0.0
	-19.00000	-5.00000	0.00000	-0.47482	-0.50000	0.0	0.0	0.0
	-18.00000	-5.00000	0.00000	-0.57368	-0.50000	0.0	0.0	0.0
	-17.00000	-5.00000	0.00000	-0.68105	-0.50000	0.0	0.0	0.0
	-16.00000	-5.00000	0.00000	-0.79763	-0.50000	0.0	0.0	0.0
	-15.00000	-5.00000	0.00000	-0.92420	-0.50000	0.0	0.0	0.0
	-14.00000	-5.00000	0.00000	-1.0616	-0.50000	0.0	0.0	0.0
	-13.00000	-5.00000	0.00000	-1.2107	-0.50000	0.0	0.0	0.0
	-12.00000	-5.00000	0.00000	-1.3725	-0.50000	0.0	0.0	0.0
	-11.00000	-5.00000	0.00000	-1.5482	-0.50000	0.0	0.0	0.0
	-10.00000	-5.00000	0.00000	-1.7388	-0.50000	0.0	0.0	0.0
	-9.00000	-5.00000	0.00000	-1.9458	-0.50000	0.0	0.0	0.0
	-8.00000	-5.00000	0.00000	-2.1705	-0.50000	0.0	0.0	0.0
	-7.00000	-5.00000	0.00000	-2.4144	-0.50000	0.0	0.0	0.0
	-6.00000	-5.00000	0.00000	-2.6790	-0.50000	0.0	0.0	0.0
	-5.00000	-5.00000	0.00000	-2.9659	-0.50000	0.0	0.0	0.0
	-4.00000	-5.00000	0.00000	-3.2764	-0.50000	0.0	0.0	0.0
	-3.00000	-5.00000	0.00000	-3.6116	-0.50000	0.0	0.0	0.0
	-2.00000	-5.00000	0.00000	-3.9719	-0.50000	0.0	0.0	0.0
	-1.00000	-5.00000	0.00000	-4.3562	-0.50000	0.0	0.0	0.0
	0.00000	-5.00000	0.00000	-4.7617	-0.50000	0.0	0.0	0.0
	1.00000	-5.00000	0.00000	-5.1830	-0.50000	0.0	0.0	0.0
	2.00000	-5.00000	0.00000	-5.6117	-0.50000	0.0	0.0	0.0
	3.00000	-5.00000	0.00000	-6.0377	-0.50000	0.0	0.0	0.0
	4.00000	-5.00000	0.00000	-6.4509	-0.50000	0.0	0.0	0.0
	5.00000	-5.00000	0.00000	-6.8430	-0.50000	0.0	0.0	0.0
	6.00000	-5.00000	0.00000	-7.2085	-0.50000	0.0	0.0	0.0
	7.00000	-5.00000	0.00000	-7.5444	-0.50000	0.0	0.0	0.0
	8.00000	-5.00000	0.00000	-7.8497	-0.50000	0.0	0.0	0.0
	9.00000	-5.00000	0.00000	-8.1246	-0.50000	0.0	0.0	0.0
	10.00000	-5.00000	0.00000	-8.3700	-0.50000	0.0	0.0	0.0
	11.00000	-5.00000	0.00000	-8.5871	-0.50000	0.0	0.0	0.0
	12.00000	-5.00000	0.00000	-8.7772	-0.50000	0.0	0.0	0.0
	13.00000	-5.00000	0.00000	-8.9417	-0.50000	0.0	0.0	0.0
	14.00000	-5.00000	0.00000	-9.0815	-0.50000	0.0	0.0	0.0
	15.00000	-5.00000	0.00000	-9.1979	-0.50000	0.0	0.0	0.0
	16.00000	-5.00000	0.00000	-9.2917	-0.50000	0.0	0.0	0.0
	17.00000	-5.00000	0.00000	-9.3636	-0.50000	0.0	0.0	0.0
	18.00000	-5.00000	0.00000	-9.4141	-0.50000	0.0	0.0	0.0
	19.00000	-5.00000	0.00000	-9.4437	-0.50000	0.0	0.0	0.0
	20.00000	-5.00000	0.00000	-9.4526	-0.50000	0.0	0.0	0.0
	21.00000	-5.00000	0.00000	-9.4409	-0.50000	0.0	0.0	0.0
	22.00000	-5.00000	0.00000	-9.4085	-0.50000	0.0	0.0	0.0
	23.00000	-5.00000	0.00000	-9.3552	-0.50000	0.0	0.0	0.0
	24.00000	-5.00000	0.00000	-9.2805	-0.50000	0.0	0.0	0.0
	25.00000	-5.00000	0.00000	-9.1839	-0.50000	0.0	0.0	0.0
	26.00000	-5.00000	0.00000	-9.0647	-0.50000	0.0	0.0	0.0
	27.00000	-5.00000	0.00000	-8.9221	-0.50000	0.0	0.0	0.0
	28.00000	-5.00000	0.00000	-8.7549	-0.50000	0.0	0.0	0.0
	29.00000	-5.00000	0.00000	-8.5620	-0.50000	0.0	0.0	0.0
	30.00000	-5.00000	0.00000	-8.3423	-0.50000	0.0	0.0	0.0
	31.00000	-5.00000	0.00000	-8.0943	-0.50000	0.0	0.0	0.0
	32.00000	-5.00000	0.00000	-7.8169	-0.50000	0.0	0.0	0.0
	33.00000	-5.00000	0.00000	-7.5093	-0.50000	0.0	0.0	0.0
	34.00000	-5.00000	0.00000	-7.1712	-0.50000	0.0	0.0	0.0
	35.00000	-5.00000	0.00000	-6.8037	-0.50000	0.0	0.0	0.0
	36.00000	-5.00000	0.00000	-6.4098	-0.50000	0.0	0.0	0.0
	37.00000	-5.00000	0.00000	-5.9950	-0.50000	0.0	0.0	0.0
	38.00000	-5.00000	0.00000	-5.5677	-0.50000	0.0	0.0	0.0
	39.00000	-5.00000	0.00000	-5.1380	-0.50000	0.0	0.0	0.0
	40.00000	-5.00000	0.00000	-4.7161	-0.50000	0.0	0.0	0.0
	41.00000	-5.00000	0.00000	-4.3101	-0.50000	0.0	0.0	0.0
	42.00000	-5.00000	0.00000	-3.9256	-0.50000	0.0	0.0	0.0
	43.00000	-5.00000	0.00000	-3.5654	-0.50000	0.0	0.0	0.0
	44.00000	-5.00000	0.00000	-3.2305	-0.50000	0.0	0.0	0.0
	45.00000	-5.00000	0.00000	-2.9206	-0.50000	0.0	0.0	0.0
	46.00000	-5.00000	0.00000	-2.6345	-0.50000	0.0	0.0	0.0
	47.00000	-5.00000	0.00000	-2.3709	-0.50000	0.0	0.0	0.0
	48.00000	-5.00000	0.00000	-2.1281	-0.50000	0.0	0.0	0.0
	49.00000	-5.00000	0.00000	-1.9048	-0.50000	0.0	0.0	0.0
	50.00000	-5.00000	0.00000	-1.6992	-0.50000	0.0	0.0	0.0
	51.00000	-5.00000	0.00000	-1.5100	-0.50000	0.0	0.0	0.0
	52.00000	-5.00000	0.00000	-1.3359	-0.50000	0.0	0.0	0.0
	53.00000	-5.00000	0.00000	-1.1757	-0.50000	0.0	0.0	0.0
	54.00000	-5.00000	0.00000	-1.0282	-0.50000	0.0	0.0	0.0
	55.00000	-5.00000	0.00000	-0.89251	-0.50000	0.0	0.0	0.0
	56.00000	-5.00000	0.00000	-0.76758	-0.50000	0.0	0.0	0.0
	57.00000	-5.00000	0.00000	-0.65262	-0.50000	0.0	0.0	0.0
	58.00000	-5.00000	0.00000	-0.54683	-0.50000	0.0	0.0	0.0
	59.00000	-5.00000	0.00000	-0.44952	-0.50000	0.0	0.0	0.0
	60.00000	-5.00000	0.00000	-0.36003	-0.50000	0.0	0.0	0.0
	-20.00000	-4.00000	0.00000	-0.43017	-0.50000	0.0	0.0	0.0
	-19.00000	-4.00000	0.00000	-0.52650	-0.50000	0.0	0.0	0.0
	-18.00000	-4.00000	0.00000	-0.63133	-0.50000	0.0	0.0	0.0
	-17.00000	-4.00000	0.00000	-0.74541	-0.50000	0.0	0.0	0.0
	-16.00000	-4.00000	0.00000	-0.86953	-0.50000	0.0	0.0	0.0
	-15.00000	-4.00000	0.00000	-1.0046	-0.50000	0.0	0.0	0.0
	-14.00000	-4.00000	0.00000	-1.1515	-0.50000	0.0	0.0	0.0
	-13.00000	-4.00000	0.00000	-1.3115	-0.50000	0.0	0.0	0.0
	-12.00000	-4.00000	0.00000	-1.4856	-0.50000	0.0	0.0	0.0
	-11.00000	-4.00000	0.00000	-1.6753	-0.50000	0.0	0.0	0.0
	-10.00000	-4.00000	0.00000	-1.8820	-0.50000	0.0	0.0	0.0
	-9.00000	-4.00000	0.00000	-2.1075	-0.50000	0.0	0.0	0.0
	-8.00000	-4.00000	0.00000	-2.3536	-0.50000	0.0	0.0	0.0
	-7.00000	-4.00000	0.00000	-2.6223	-0.50000	0.0	0.0	0.0
	-6.00000	-4.00000	0.00000	-2.9160	-0.50000	0.0	0.0	0.0
	-5.00000	-4.00000	0.00000	-3.2372	-0.50000	0.0	0.0	0.0
	-4.00000	-4.00000	0.00000	-3.5883	-0.50000	0.0	0.0	0.0
	-3.00000	-4.00000	0.00000	-3.9717	-0.50000	0.0	0.0	0.0
	-2.00000	-4.00000	0.00000	-4.3895	-0.50000	0.0	0.0	0.0
	-1.00000	-4.00000	0.00000	-4.8421	-0.50000	0.0	0.0	0.0
	0.00000	-4.00000	0.00000	-5.3274	-0.50000	0.0	0.0	0.0
	1.00000	-4.00000	0.00000	-5.8386	-0.50000	0.0	0.0	0.0
	2.00000	-4.00000	0.00000	-6.3636	-0.50000	0.0	0.0	0.0
	3.00000	-4.00000	0.00000	-6.8857	-0.50000	0.0	0.0	0.0
	4.00000	-4.00000	0.00000	-7.3885	-0.50000	0.0	0.0	0.0
	5.00000	-4.00000	0.00000	-7.8594	-0.50000	0.0	0.0	0.0
	6.00000	-4.00000	0.00000	-8.2920	-0.50000	0.0	0.0	0.0
	7.00000	-4.00000	0.00000	-8.6840	-0.50000	0.0	0.0	0.0
	8.00000	-4.00000	0.00000	-9.0357	-0.50000	0.0	0.0	0.0
	9.00000	-4.00000	0.00000	-9.3490	-0.50000	0.0	0.0	0.0
	10.00000	-4.00000	0.00000	-9.6262	-0.50000	0.0	0.0	0.0
	11.00000	-4.00000	0.00000	-9.8695	-0.50000	0.0	0.0	0.0
	12.00000	-4.00000	0.00000	-10.081	-0.50000	0.0	0.0	0.0
	13.00000	-4.00000	0.00000	-10.263	-0.50000	0.0	0.0	0.0
	14.00000	-4.00000	0.00000	-10.418	-0.50000	0.0	0.0	0.0
	15.00000	-4.00000	0.00000	-10.546	-0.50000	0.0	0.0	0.0
	16.00000	-4

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	24.00000	-4.00000	0.00000	-10.636	-0.50000	0.0	0.0	0.0
	25.00000	-4.00000	0.00000	-10.530	-0.50000	0.0	0.0	0.0
	26.00000	-4.00000	0.00000	-10.399	-0.50000	0.0	0.0	0.0
	27.00000	-4.00000	0.00000	-10.242	-0.50000	0.0	0.0	0.0
	28.00000	-4.00000	0.00000	-10.057	-0.50000	0.0	0.0	0.0
	29.00000	-4.00000	0.00000	-9.8417	-0.50000	0.0	0.0	0.0
	30.00000	-4.00000	0.00000	-9.5953	-0.50000	0.0	0.0	0.0
	31.00000	-4.00000	0.00000	-9.3153	-0.50000	0.0	0.0	0.0
	32.00000	-4.00000	0.00000	-8.9991	-0.50000	0.0	0.0	0.0
	33.00000	-4.00000	0.00000	-8.6447	-0.50000	0.0	0.0	0.0
	34.00000	-4.00000	0.00000	-8.2503	-0.50000	0.0	0.0	0.0
	35.00000	-4.00000	0.00000	-7.8154	-0.50000	0.0	0.0	0.0
	36.00000	-4.00000	0.00000	-7.3424	-0.50000	0.0	0.0	0.0
	37.00000	-4.00000	0.00000	-6.8380	-0.50000	0.0	0.0	0.0
	38.00000	-4.00000	0.00000	-6.3144	-0.50000	0.0	0.0	0.0
	39.00000	-4.00000	0.00000	-5.7882	-0.50000	0.0	0.0	0.0
	40.00000	-4.00000	0.00000	-5.2762	-0.50000	0.0	0.0	0.0
	41.00000	-4.00000	0.00000	-4.7905	-0.50000	0.0	0.0	0.0
	42.00000	-4.00000	0.00000	-4.3377	-0.50000	0.0	0.0	0.0
	43.00000	-4.00000	0.00000	-3.9201	-0.50000	0.0	0.0	0.0
	44.00000	-4.00000	0.00000	-3.5371	-0.50000	0.0	0.0	0.0
	45.00000	-4.00000	0.00000	-3.1867	-0.50000	0.0	0.0	0.0
	46.00000	-4.00000	0.00000	-2.8666	-0.50000	0.0	0.0	0.0
	47.00000	-4.00000	0.00000	-2.5741	-0.50000	0.0	0.0	0.0
	48.00000	-4.00000	0.00000	-2.3067	-0.50000	0.0	0.0	0.0
	49.00000	-4.00000	0.00000	-2.0622	-0.50000	0.0	0.0	0.0
	50.00000	-4.00000	0.00000	-1.8384	-0.50000	0.0	0.0	0.0
	51.00000	-4.00000	0.00000	-1.6334	-0.50000	0.0	0.0	0.0
	52.00000	-4.00000	0.00000	-1.4455	-0.50000	0.0	0.0	0.0
	53.00000	-4.00000	0.00000	-1.2732	-0.50000	0.0	0.0	0.0
	54.00000	-4.00000	0.00000	-1.1152	-0.50000	0.0	0.0	0.0
	55.00000	-4.00000	0.00000	-0.97010	-0.50000	0.0	0.0	0.0
	56.00000	-4.00000	0.00000	-0.83692	-0.50000	0.0	0.0	0.0
	57.00000	-4.00000	0.00000	-0.71463	-0.50000	0.0	0.0	0.0
	58.00000	-4.00000	0.00000	-0.60234	-0.50000	0.0	0.0	0.0
	59.00000	-4.00000	0.00000	-0.49924	-0.50000	0.0	0.0	0.0
	60.00000	-4.00000	0.00000	-0.40459	-0.50000	0.0	0.0	0.0
	-20.00000	-3.00000	0.00000	-0.47655	-0.50000	0.0	0.0	0.0
	-19.00000	-3.00000	0.00000	-0.57829	-0.50000	0.0	0.0	0.0
	-18.00000	-3.00000	0.00000	-0.68919	-0.50000	0.0	0.0	0.0
	-17.00000	-3.00000	0.00000	-0.81008	-0.50000	0.0	0.0	0.0
	-16.00000	-3.00000	0.00000	-0.94188	-0.50000	0.0	0.0	0.0
	-15.00000	-3.00000	0.00000	-1.0856	-0.50000	0.0	0.0	0.0
	-14.00000	-3.00000	0.00000	-1.2424	-0.50000	0.0	0.0	0.0
	-13.00000	-3.00000	0.00000	-1.4135	-0.50000	0.0	0.0	0.0
	-12.00000	-3.00000	0.00000	-1.6003	-0.50000	0.0	0.0	0.0
	-11.00000	-3.00000	0.00000	-1.8046	-0.50000	0.0	0.0	0.0
	-10.00000	-3.00000	0.00000	-2.0281	-0.50000	0.0	0.0	0.0
	-9.00000	-3.00000	0.00000	-2.2730	-0.50000	0.0	0.0	0.0
	-8.00000	-3.00000	0.00000	-2.5417	-0.50000	0.0	0.0	0.0
	-7.00000	-3.00000	0.00000	-2.8370	-0.50000	0.0	0.0	0.0
	-6.00000	-3.00000	0.00000	-3.1621	-0.50000	0.0	0.0	0.0
	-5.00000	-3.00000	0.00000	-3.5208	-0.50000	0.0	0.0	0.0
	-4.00000	-3.00000	0.00000	-3.9172	-0.50000	0.0	0.0	0.0
	-3.00000	-3.00000	0.00000	-4.3561	-0.50000	0.0	0.0	0.0
	-2.00000	-3.00000	0.00000	-4.8422	-0.50000	0.0	0.0	0.0
	-1.00000	-3.00000	0.00000	-5.3794	-0.50000	0.0	0.0	0.0
	0.00000	-3.00000	0.00000	-5.9687	-0.50000	0.0	0.0	0.0
	1.00000	-3.00000	0.00000	-6.6039	-0.50000	0.0	0.0	0.0
	2.00000	-3.00000	0.00000	-7.2665	-0.50000	0.0	0.0	0.0
	3.00000	-3.00000	0.00000	-7.9261	-0.50000	0.0	0.0	0.0
	4.00000	-3.00000	0.00000	-8.5523	-0.50000	0.0	0.0	0.0
	5.00000	-3.00000	0.00000	-9.1264	-0.50000	0.0	0.0	0.0
	6.00000	-3.00000	0.00000	-9.6424	-0.50000	0.0	0.0	0.0
	7.00000	-3.00000	0.00000	-10.101	-0.50000	0.0	0.0	0.0
	8.00000	-3.00000	0.00000	-10.506	-0.50000	0.0	0.0	0.0
	9.00000	-3.00000	0.00000	-10.863	-0.50000	0.0	0.0	0.0
	10.00000	-3.00000	0.00000	-11.175	-0.50000	0.0	0.0	0.0
	11.00000	-3.00000	0.00000	-11.446	-0.50000	0.0	0.0	0.0
	12.00000	-3.00000	0.00000	-11.681	-0.50000	0.0	0.0	0.0
	13.00000	-3.00000	0.00000	-11.882	-0.50000	0.0	0.0	0.0
	14.00000	-3.00000	0.00000	-12.052	-0.50000	0.0	0.0	0.0
	15.00000	-3.00000	0.00000	-12.192	-0.50000	0.0	0.0	0.0
	16.00000	-3.00000	0.00000	-12.305	-0.50000	0.0	0.0	0.0
	17.00000	-3.00000	0.00000	-12.390	-0.50000	0.0	0.0	0.0
	18.00000	-3.00000	0.00000	-12.450	-0.50000	0.0	0.0	0.0
	19.00000	-3.00000	0.00000	-12.486	-0.50000	0.0	0.0	0.0
	20.00000	-3.00000	0.00000	-12.496	-0.50000	0.0	0.0	0.0
	21.00000	-3.00000	0.00000	-12.482	-0.50000	0.0	0.0	0.0
	22.00000	-3.00000	0.00000	-12.444	-0.50000	0.0	0.0	0.0
	23.00000	-3.00000	0.00000	-12.380	-0.50000	0.0	0.0	0.0
	24.00000	-3.00000	0.00000	-12.291	-0.50000	0.0	0.0	0.0
	25.00000	-3.00000	0.00000	-12.175	-0.50000	0.0	0.0	0.0
	26.00000	-3.00000	0.00000	-12.032	-0.50000	0.0	0.0	0.0
	27.00000	-3.00000	0.00000	-11.859	-0.50000	0.0	0.0	0.0
	28.00000	-3.00000	0.00000	-11.654	-0.50000	0.0	0.0	0.0
	29.00000	-3.00000	0.00000	-11.416	-0.50000	0.0	0.0	0.0
	30.00000	-3.00000	0.00000	-11.140	-0.50000	0.0	0.0	0.0
	31.00000	-3.00000	0.00000	-10.825	-0.50000	0.0	0.0	0.0
	32.00000	-3.00000	0.00000	-10.465	-0.50000	0.0	0.0	0.0
	33.00000	-3.00000	0.00000	-10.057	-0.50000	0.0	0.0	0.0
	34.00000	-3.00000	0.00000	-9.5956	-0.50000	0.0	0.0	0.0
	35.00000	-3.00000	0.00000	-9.0771	-0.50000	0.0	0.0	0.0
	36.00000	-3.00000	0.00000	-8.5006	-0.50000	0.0	0.0	0.0
	37.00000	-3.00000	0.00000	-7.8724	-0.50000	0.0	0.0	0.0
	38.00000	-3.00000	0.00000	-7.2112	-0.50000	0.0	0.0	0.0
	39.00000	-3.00000	0.00000	-6.5473	-0.50000	0.0	0.0	0.0
	40.00000	-3.00000	0.00000	-5.9112	-0.50000	0.0	0.0	0.0
	41.00000	-3.00000	0.00000	-5.3214	-0.50000	0.0	0.0	0.0
	42.00000	-3.00000	0.00000	-4.7841	-0.50000	0.0	0.0	0.0
	43.00000	-3.00000	0.00000	-4.2983	-0.50000	0.0	0.0	0.0
	44.00000	-3.00000	0.00000	-3.8600	-0.50000	0.0	0.0	0.0
	45.00000	-3.00000	0.00000	-3.4645	-0.50000	0.0	0.0	0.0
	46.00000	-3.00000	0.00000	-3.1070	-0.50000	0.0	0.0	0.0
	47.00000	-3.00000	0.00000	-2.7834	-0.50000	0.0	0.0	0.0
	48.00000	-3.00000	0.00000	-2.4897	-0.50000	0.0	0.0	0.0
	49.00000	-3.00000	0.00000	-2.2229	-0.50000	0.0	0.0	0.0
	50.00000	-3.00000	0.00000	-1.9800	-0.50000	0.0	0.0	0.0
	51.00000	-3.00000	0.00000	-1.7585	-0.50000	0.0	0.0	0.0
	52.00000	-3.00000	0.00000	-1.5564	-0.50000	0.0	0.0	0.0
	53.00000	-3.00000	0.00000	-1.3717	-0.50000	0.0	0.0	0.0
	54.00000	-3.00000	0.00000	-1.2027	-0.50000	0.0	0.0	0.0
	55.00000	-3.00000	0.00000	-1.0481	-0.50000	0.0	0.0	0.0
	56.00000	-3.00000	0.00000	-0.90652	-0.50000	0.0	0.0	0.0
	57.00000	-3.00000	0.00000	-0.77680	-0.50000	0.0	0.0	0.0
	58.00000	-3.00000	0.00000	-0.65791	-0.50000	0.0	0.0	0.0
	59.00000	-3.00000	0.00000	-0.54895	-0.50000	0.0	0.0	0.0
	60.00000	-3.00000	0.00000	-0.44908	-0.50000	0.0	0.0	0.0
	-20.00000	-2.00000	0.00000	-0.52274	-0.50000	0.0	0.0	0.0
	-19.00000	-2.00000	0.00000	-0.62992	-0.50000	0.0	0.0	0.0
	-18.00000	-2.00000	0.00000	-0.74695	-0.50000	0.0	0.0	0.0
	-17.00000	-2.00000	0.00000	-0.87473	-0.50000	0.0	0.0	0.0
	-16.00000	-2.00000	0.00000	-1.0143	-0.50000	0.0	0.0	0.0
	-15.00000	-2.00000	0.00000	-1.1668	-0.50000	0.0	0.0	0.0
	-14.00000	-2.00000	0.00000	-1.3336	-0.50000	0.0	0.0	0.0
	-13.00000	-2.00000	0.00000	-1.5161	-0.50000	0.0	0.0	0.0
	-12.00000	-2.00000	0.00000	-1.7160	-0.50000	0.0	0.0	0.0
	-11.00000	-2.00000	0.00000	-1.9352	-0.50000	0.0	0.0	0.0
	-10.00000	-2.00000	0.00000	-2.1761	-0.50000	0.0	0.0	0.0
	-9.00000	-2.00000	0.00000	-2.4411	-0.50000	0.0	0.0	0.0
	-8.00000	-2.00000	0.00000	-2.7334	-0.50000	0.0	0.0	0.0
	-7.00000	-2.00000	0.00000	-3.0566	-0.50000	0.0	0.0	0.0
	-6.00000	-2.00000	0.00000	-3.4152	-0.50000	0.0	0.0	0.0
	-5.00000	-2.00000	0.00000	-3.8144	-0.50000	0.0	0.0	0.0
	-4.00000	-2.00000	0.00000	-4.2606	-0.50000	0.0	0.0	0.0
	-3.00000	-2.00000	0.00000	-4.7619	-0.50000	0.0	0.0	0.0
	-2.00000	-2.00000	0.00000	-5.3277	-0.50000	0.0	0.0	0.0
	-1.00000	-2.00000	0.00000	-5.9690	-0.50000	0.0	0.0	0.0
	0.00000	-2.00000	0.00000	-6.6961	-0.50000	0.0	0.0	0.0
	1.00000	-2.00000	0.00000	-7.5114	-0.50000	0.0	0.0	0.0
	2.00000	-2.00000	0.00000	-8.3895	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	3.00000	-2.00000	0.00000	-9.2644	-0.50000	0.0	0.0	0.0
	4.00000	-2.00000	0.00000	-10.070	-0.50000	0.0	0.0	0.0
	5.00000	-2.00000	0.00000	-10.781	-0.50000	0.0	0.0	0.0
	6.00000	-2.00000	0.00000	-11.400	-0.50000	0.0	0.0	0.0
	7.00000	-2.00000	0.00000	-11.936	-0.50000	0.0	0.0	0.0
	8.00000	-2.00000	0.00000	-12.402	-0.50000	0.0	0.0	0.0
	9.00000	-2.00000	0.00000	-12.806	-0.50000	0.0	0.0	0.0
	10.00000	-2.00000	0.00000	-13.156	-0.50000	0.0	0.0	0.0
	11.00000	-2.00000	0.00000	-13.458	-0.50000	0.0	0.0	0.0
	12.00000	-2.00000	0.00000	-13.717	-0.50000	0.0	0.0	0.0
	13.00000	-2.00000	0.00000	-13.938	-0.50000	0.0	0.0	0.0
	14.00000	-2.00000	0.00000	-14.123	-0.50000	0.0	0.0	0.0
	15.00000	-2.00000	0.00000	-14.276	-0.50000	0.0	0.0	0.0
	16.00000	-2.00000	0.00000	-14.398	-0.50000	0.0	0.0	0.0
	17.00000	-2.00000	0.00000	-14.491	-0.50000	0.0	0.0	0.0
	18.00000	-2.00000	0.00000	-14.556	-0.50000	0.0	0.0	0.0
	19.00000	-2.00000	0.00000	-14.594	-0.50000	0.0	0.0	0.0
	20.00000	-2.00000	0.00000	-14.606	-0.50000	0.0	0.0	0.0
	21.00000	-2.00000	0.00000	-14.591	-0.50000	0.0	0.0	0.0
	22.00000	-2.00000	0.00000	-14.549	-0.50000	0.0	0.0	0.0
	23.00000	-2.00000	0.00000	-14.480	-0.50000	0.0	0.0	0.0
	24.00000	-2.00000	0.00000	-14.383	-0.50000	0.0	0.0	0.0
	25.00000	-2.00000	0.00000	-14.257	-0.50000	0.0	0.0	0.0
	26.00000	-2.00000	0.00000	-14.101	-0.50000	0.0	0.0	0.0
	27.00000	-2.00000	0.00000	-13.911	-0.50000	0.0	0.0	0.0
	28.00000	-2.00000	0.00000	-13.687	-0.50000	0.0	0.0	0.0
	29.00000	-2.00000	0.00000	-13.423	-0.50000	0.0	0.0	0.0
	30.00000	-2.00000	0.00000	-13.117	-0.50000	0.0	0.0	0.0
	31.00000	-2.00000	0.00000	-12.764	-0.50000	0.0	0.0	0.0
	32.00000	-2.00000	0.00000	-12.356	-0.50000	0.0	0.0	0.0
	33.00000	-2.00000	0.00000	-11.887	-0.50000	0.0	0.0	0.0
	34.00000	-2.00000	0.00000	-11.347	-0.50000	0.0	0.0	0.0
	35.00000	-2.00000	0.00000	-10.726	-0.50000	0.0	0.0	0.0
	36.00000	-2.00000	0.00000	-10.012	-0.50000	0.0	0.0	0.0
	37.00000	-2.00000	0.00000	-9.2039	-0.50000	0.0	0.0	0.0
	38.00000	-2.00000	0.00000	-8.3271	-0.50000	0.0	0.0	0.0
	39.00000	-2.00000	0.00000	-7.4476	-0.50000	0.0	0.0	0.0
	40.00000	-2.00000	0.00000	-6.6314	-0.50000	0.0	0.0	0.0
	41.00000	-2.00000	0.00000	-5.9037	-0.50000	0.0	0.0	0.0
	42.00000	-2.00000	0.00000	-5.2624	-0.50000	0.0	0.0	0.0
	43.00000	-2.00000	0.00000	-4.6970	-0.50000	0.0	0.0	0.0
	44.00000	-2.00000	0.00000	-4.1965	-0.50000	0.0	0.0	0.0
	45.00000	-2.00000	0.00000	-3.7514	-0.50000	0.0	0.0	0.0
	46.00000	-2.00000	0.00000	-3.3538	-0.50000	0.0	0.0	0.0
	47.00000	-2.00000	0.00000	-2.9970	-0.50000	0.0	0.0	0.0
	48.00000	-2.00000	0.00000	-2.6758	-0.50000	0.0	0.0	0.0
	49.00000	-2.00000	0.00000	-2.3857	-0.50000	0.0	0.0	0.0
	50.00000	-2.00000	0.00000	-2.1230	-0.50000	0.0	0.0	0.0
	51.00000	-2.00000	0.00000	-1.8846	-0.50000	0.0	0.0	0.0
	52.00000	-2.00000	0.00000	-1.6678	-0.50000	0.0	0.0	0.0
	53.00000	-2.00000	0.00000	-1.4704	-0.50000	0.0	0.0	0.0
	54.00000	-2.00000	0.00000	-1.2904	-0.50000	0.0	0.0	0.0
	55.00000	-2.00000	0.00000	-1.1261	-0.50000	0.0	0.0	0.0
	56.00000	-2.00000	0.00000	-0.97599	-0.50000	0.0	0.0	0.0
	57.00000	-2.00000	0.00000	-0.83876	-0.50000	0.0	0.0	0.0
	58.00000	-2.00000	0.00000	-0.71323	-0.50000	0.0	0.0	0.0
	59.00000	-2.00000	0.00000	-0.59838	-0.50000	0.0	0.0	0.0
	60.00000	-2.00000	0.00000	-0.49328	-0.50000	0.0	0.0	0.0
	-20.00000	-1.00000	0.00000	-0.56849	-0.50000	0.0	0.0	0.0
	-19.00000	-1.00000	0.00000	-0.68112	-0.50000	0.0	0.0	0.0
	-18.00000	-1.00000	0.00000	-0.80428	-0.50000	0.0	0.0	0.0
	-17.00000	-1.00000	0.00000	-0.93898	-0.50000	0.0	0.0	0.0
	-16.00000	-1.00000	0.00000	-1.0864	-0.50000	0.0	0.0	0.0
	-15.00000	-1.00000	0.00000	-1.2478	-0.50000	0.0	0.0	0.0
	-14.00000	-1.00000	0.00000	-1.4246	-0.50000	0.0	0.0	0.0
	-13.00000	-1.00000	0.00000	-1.6187	-0.50000	0.0	0.0	0.0
	-12.00000	-1.00000	0.00000	-1.8318	-0.50000	0.0	0.0	0.0
	-11.00000	-1.00000	0.00000	-2.0663	-0.50000	0.0	0.0	0.0
	-10.00000	-1.00000	0.00000	-2.3248	-0.50000	0.0	0.0	0.0
	-9.00000	-1.00000	0.00000	-2.6105	-0.50000	0.0	0.0	0.0
	-8.00000	-1.00000	0.00000	-2.9271	-0.50000	0.0	0.0	0.0
	-7.00000	-1.00000	0.00000	-3.2793	-0.50000	0.0	0.0	0.0
	-6.00000	-1.00000	0.00000	-3.6727	-0.50000	0.0	0.0	0.0
	-5.00000	-1.00000	0.00000	-4.1146	-0.50000	0.0	0.0	0.0
	-4.00000	-1.00000	0.00000	-4.6142	-0.50000	0.0	0.0	0.0
	-3.00000	-1.00000	0.00000	-5.1837	-0.50000	0.0	0.0	0.0
	-2.00000	-1.00000	0.00000	-5.8396	-0.50000	0.0	0.0	0.0
	-1.00000	-1.00000	0.00000	-6.6049	-0.50000	0.0	0.0	0.0
	0.00000	-1.00000	0.00000	-7.5121	-0.50000	0.0	0.0	0.0
	1.00000	-1.00000	0.00000	-8.6020	-0.50000	0.0	0.0	0.0
	2.00000	-1.00000	0.00000	-9.8765	-0.50000	0.0	0.0	0.0
	3.00000	-1.00000	0.00000	-11.148	-0.50000	0.0	0.0	0.0
	4.00000	-1.00000	0.00000	-12.227	-0.50000	0.0	0.0	0.0
	5.00000	-1.00000	0.00000	-13.117	-0.50000	0.0	0.0	0.0
	6.00000	-1.00000	0.00000	-13.859	-0.50000	0.0	0.0	0.0
	7.00000	-1.00000	0.00000	-14.483	-0.50000	0.0	0.0	0.0
	8.00000	-1.00000	0.00000	-15.015	-0.50000	0.0	0.0	0.0
	9.00000	-1.00000	0.00000	-15.470	-0.50000	0.0	0.0	0.0
	10.00000	-1.00000	0.00000	-15.859	-0.50000	0.0	0.0	0.0
	11.00000	-1.00000	0.00000	-16.193	-0.50000	0.0	0.0	0.0
	12.00000	-1.00000	0.00000	-16.478	-0.50000	0.0	0.0	0.0
	13.00000	-1.00000	0.00000	-16.719	-0.50000	0.0	0.0	0.0
	14.00000	-1.00000	0.00000	-16.921	-0.50000	0.0	0.0	0.0
	15.00000	-1.00000	0.00000	-17.086	-0.50000	0.0	0.0	0.0
	16.00000	-1.00000	0.00000	-17.218	-0.50000	0.0	0.0	0.0
	17.00000	-1.00000	0.00000	-17.319	-0.50000	0.0	0.0	0.0
	18.00000	-1.00000	0.00000	-17.389	-0.50000	0.0	0.0	0.0
	19.00000	-1.00000	0.00000	-17.430	-0.50000	0.0	0.0	0.0
	20.00000	-1.00000	0.00000	-17.442	-0.50000	0.0	0.0	0.0
	21.00000	-1.00000	0.00000	-17.426	-0.50000	0.0	0.0	0.0
	22.00000	-1.00000	0.00000	-17.381	-0.50000	0.0	0.0	0.0
	23.00000	-1.00000	0.00000	-17.307	-0.50000	0.0	0.0	0.0
	24.00000	-1.00000	0.00000	-17.202	-0.50000	0.0	0.0	0.0
	25.00000	-1.00000	0.00000	-17.066	-0.50000	0.0	0.0	0.0
	26.00000	-1.00000	0.00000	-16.896	-0.50000	0.0	0.0	0.0
	27.00000	-1.00000	0.00000	-16.690	-0.50000	0.0	0.0	0.0
	28.00000	-1.00000	0.00000	-16.444	-0.50000	0.0	0.0	0.0
	29.00000	-1.00000	0.00000	-16.155	-0.50000	0.0	0.0	0.0
	30.00000	-1.00000	0.00000	-15.817	-0.50000	0.0	0.0	0.0
	31.00000	-1.00000	0.00000	-15.423	-0.50000	0.0	0.0	0.0
	32.00000	-1.00000	0.00000	-14.964	-0.50000	0.0	0.0	0.0
	33.00000	-1.00000	0.00000	-14.428	-0.50000	0.0	0.0	0.0
	34.00000	-1.00000	0.00000	-13.800	-0.50000	0.0	0.0	0.0
	35.00000	-1.00000	0.00000	-13.055	-0.50000	0.0	0.0	0.0
	36.00000	-1.00000	0.00000	-12.162	-0.50000	0.0	0.0	0.0
	37.00000	-1.00000	0.00000	-11.079	-0.50000	0.0	0.0	0.0
	38.00000	-1.00000	0.00000	-9.8060	-0.50000	0.0	0.0	0.0
	39.00000	-1.00000	0.00000	-8.5299	-0.50000	0.0	0.0	0.0
	40.00000	-1.00000	0.00000	-7.4389	-0.50000	0.0	0.0	0.0
	41.00000	-1.00000	0.00000	-6.5312	-0.50000	0.0	0.0	0.0
	42.00000	-1.00000	0.00000	-5.7660	-0.50000	0.0	0.0	0.0
	43.00000	-1.00000	0.00000	-5.1106	-0.50000	0.0	0.0	0.0
	44.00000	-1.00000	0.00000	-4.5422	-0.50000	0.0	0.0	0.0
	45.00000	-1.00000	0.00000	-4.0441	-0.50000	0.0	0.0	0.0
	46.00000	-1.00000	0.00000	-3.6041	-0.50000	0.0	0.0	0.0
	47.00000	-1.00000	0.00000	-3.2129	-0.50000	0.0	0.0	0.0
	48.00000	-1.00000	0.00000	-2.8631	-0.50000	0.0	0.0	0.0
	49.00000	-1.00000	0.00000	-2.5491	-0.50000	0.0	0.0	0.0
	50.00000	-1.00000	0.00000	-2.2662	-0.50000	0.0	0.0	0.0
	51.00000	-1.00000	0.00000	-2.0106	-0.50000	0.0	0.0	0.0
	52.00000	-1.00000	0.00000	-1.7790	-0.50000	0.0	0.0	0.0
	53.00000	-1.00000	0.00000	-1.5687	-0.50000	0.0	0.0	0.0
	54.00000	-1.00000	0.00000	-1.3776	-0.50000	0.0	0.0	0.0
	55.00000	-1.00000	0.00000	-1.2035	-0.50000	0.0	0.0	0.0
	56.00000	-1.00000	0.00000	-1.0449	-0.50000	0.0	0.0	0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-18.00000	0.00000	0.00000	-0.86085	-0.50000	0.0	0.0	0.0
	-17.00000	0.00000	0.00000	-1.0024	-0.50000	0.0	0.0	0.0
	-16.00000	0.00000	0.00000	-1.1577	-0.50000	0.0	0.0	0.0
	-15.00000	0.00000	0.00000	-1.3279	-0.50000	0.0	0.0	0.0
	-14.00000	0.00000	0.00000	-1.5149	-0.50000	0.0	0.0	0.0
	-13.00000	0.00000	0.00000	-1.7205	-0.50000	0.0	0.0	0.0
	-12.00000	0.00000	0.00000	-1.9469	-0.50000	0.0	0.0	0.0
	-11.00000	0.00000	0.00000	-2.1968	-0.50000	0.0	0.0	0.0
	-10.00000	0.00000	0.00000	-2.4731	-0.50000	0.0	0.0	0.0
	-9.00000	0.00000	0.00000	-2.7797	-0.50000	0.0	0.0	0.0
	-8.00000	0.00000	0.00000	-3.1210	-0.50000	0.0	0.0	0.0
	-7.00000	0.00000	0.00000	-3.5026	-0.50000	0.0	0.0	0.0
	-6.00000	0.00000	0.00000	-3.9317	-0.50000	0.0	0.0	0.0
	-5.00000	0.00000	0.00000	-4.4175	-0.50000	0.0	0.0	0.0
	-4.00000	0.00000	0.00000	-4.9724	-0.50000	0.0	0.0	0.0
	-3.00000	0.00000	0.00000	-5.6134	-0.50000	0.0	0.0	0.0
	-2.00000	0.00000	0.00000	-6.3657	-0.50000	0.0	0.0	0.0
	-1.00000	0.00000	0.00000	-7.2687	-0.50000	0.0	0.0	0.0
	0.00000	0.00000	0.00000	-8.3914	-0.50000	0.0	0.0	0.0
	1.00000	0.00000	0.00000	-9.8777	-0.50000	0.0	0.0	0.0
	2.00000	0.00000	0.00000	-12.553	-0.50000	0.0	0.0	0.0
	3.00000	0.00000	0.00000	-15.225	-0.50000	0.0	0.0	0.0
	4.00000	0.00000	0.00000	-16.701	-0.50000	0.0	0.0	0.0
	5.00000	0.00000	0.00000	-17.805	-0.50000	0.0	0.0	0.0
	6.00000	0.00000	0.00000	-18.682	-0.50000	0.0	0.0	0.0
	7.00000	0.00000	0.00000	-19.402	-0.50000	0.0	0.0	0.0
	8.00000	0.00000	0.00000	-20.002	-0.50000	0.0	0.0	0.0
	9.00000	0.00000	0.00000	-20.509	-0.50000	0.0	0.0	0.0
	10.00000	0.00000	0.00000	-20.940	-0.50000	0.0	0.0	0.0
	11.00000	0.00000	0.00000	-21.306	-0.50000	0.0	0.0	0.0
	12.00000	0.00000	0.00000	-21.616	-0.50000	0.0	0.0	0.0
	13.00000	0.00000	0.00000	-21.878	-0.50000	0.0	0.0	0.0
	14.00000	0.00000	0.00000	-22.096	-0.50000	0.0	0.0	0.0
	15.00000	0.00000	0.00000	-22.274	-0.50000	0.0	0.0	0.0
	16.00000	0.00000	0.00000	-22.416	-0.50000	0.0	0.0	0.0
	17.00000	0.00000	0.00000	-22.524	-0.50000	0.0	0.0	0.0
	18.00000	0.00000	0.00000	-22.599	-0.50000	0.0	0.0	0.0
	19.00000	0.00000	0.00000	-22.643	-0.50000	0.0	0.0	0.0
	20.00000	0.00000	0.00000	-22.656	-0.50000	0.0	0.0	0.0
	21.00000	0.00000	0.00000	-22.639	-0.50000	0.0	0.0	0.0
	22.00000	0.00000	0.00000	-22.591	-0.50000	0.0	0.0	0.0
	23.00000	0.00000	0.00000	-22.511	-0.50000	0.0	0.0	0.0
	24.00000	0.00000	0.00000	-22.399	-0.50000	0.0	0.0	0.0
	25.00000	0.00000	0.00000	-22.252	-0.50000	0.0	0.0	0.0
	26.00000	0.00000	0.00000	-22.069	-0.50000	0.0	0.0	0.0
	27.00000	0.00000	0.00000	-21.846	-0.50000	0.0	0.0	0.0
	28.00000	0.00000	0.00000	-21.579	-0.50000	0.0	0.0	0.0
	29.00000	0.00000	0.00000	-21.263	-0.50000	0.0	0.0	0.0
	30.00000	0.00000	0.00000	-20.892	-0.50000	0.0	0.0	0.0
	31.00000	0.00000	0.00000	-20.457	-0.50000	0.0	0.0	0.0
	32.00000	0.00000	0.00000	-19.945	-0.50000	0.0	0.0	0.0
	33.00000	0.00000	0.00000	-19.340	-0.50000	0.0	0.0	0.0
	34.00000	0.00000	0.00000	-18.616	-0.50000	0.0	0.0	0.0
	35.00000	0.00000	0.00000	-17.734	-0.50000	0.0	0.0	0.0
	36.00000	0.00000	0.00000	-16.626	-0.50000	0.0	0.0	0.0
	37.00000	0.00000	0.00000	-15.148	-0.50000	0.0	0.0	0.0
	38.00000	0.00000	0.00000	-12.473	-0.50000	0.0	0.0	0.0
	39.00000	0.00000	0.00000	-9.7959	-0.50000	0.0	0.0	0.0
	40.00000	0.00000	0.00000	-8.3084	-0.50000	0.0	0.0	0.0
	41.00000	0.00000	0.00000	-7.1852	-0.50000	0.0	0.0	0.0
	42.00000	0.00000	0.00000	-6.2824	-0.50000	0.0	0.0	0.0
	43.00000	0.00000	0.00000	-5.5309	-0.50000	0.0	0.0	0.0
	44.00000	0.00000	0.00000	-4.8913	-0.50000	0.0	0.0	0.0
	45.00000	0.00000	0.00000	-4.3384	-0.50000	0.0	0.0	0.0
	46.00000	0.00000	0.00000	-3.8549	-0.50000	0.0	0.0	0.0
	47.00000	0.00000	0.00000	-3.4285	-0.50000	0.0	0.0	0.0
	48.00000	0.00000	0.00000	-3.0498	-0.50000	0.0	0.0	0.0
	49.00000	0.00000	0.00000	-2.7117	-0.50000	0.0	0.0	0.0
	50.00000	0.00000	0.00000	-2.4084	-0.50000	0.0	0.0	0.0
	51.00000	0.00000	0.00000	-2.1354	-0.50000	0.0	0.0	0.0
	52.00000	0.00000	0.00000	-1.8890	-0.50000	0.0	0.0	0.0
	53.00000	0.00000	0.00000	-1.6659	-0.50000	0.0	0.0	0.0
	54.00000	0.00000	0.00000	-1.4637	-0.50000	0.0	0.0	0.0
	55.00000	0.00000	0.00000	-1.2799	-0.50000	0.0	0.0	0.0
	56.00000	0.00000	0.00000	-1.1128	-0.50000	0.0	0.0	0.0
	57.00000	0.00000	0.00000	-0.96055	-0.50000	0.0	0.0	0.0
	58.00000	0.00000	0.00000	-0.82181	-0.50000	0.0	0.0	0.0
	59.00000	0.00000	0.00000	-0.69527	-0.50000	0.0	0.0	0.0
	60.00000	0.00000	0.00000	-0.57980	-0.50000	0.0	0.0	0.0
	-20.00000	1.00000	0.00000	-0.65764	-0.50000	0.0	0.0	0.0
	-19.00000	1.00000	0.00000	-0.78103	-0.50000	0.0	0.0	0.0
	-18.00000	1.00000	0.00000	-0.91632	-0.50000	0.0	0.0	0.0
	-17.00000	1.00000	0.00000	-1.0647	-0.50000	0.0	0.0	0.0
	-16.00000	1.00000	0.00000	-1.2277	-0.50000	0.0	0.0	0.0
	-15.00000	1.00000	0.00000	-1.4068	-0.50000	0.0	0.0	0.0
	-14.00000	1.00000	0.00000	-1.6038	-0.50000	0.0	0.0	0.0
	-13.00000	1.00000	0.00000	-1.8209	-0.50000	0.0	0.0	0.0
	-12.00000	1.00000	0.00000	-2.0605	-0.50000	0.0	0.0	0.0
	-11.00000	1.00000	0.00000	-2.3257	-0.50000	0.0	0.0	0.0
	-10.00000	1.00000	0.00000	-2.6198	-0.50000	0.0	0.0	0.0
	-9.00000	1.00000	0.00000	-2.9472	-0.50000	0.0	0.0	0.0
	-8.00000	1.00000	0.00000	-3.3131	-0.50000	0.0	0.0	0.0
	-7.00000	1.00000	0.00000	-3.7242	-0.50000	0.0	0.0	0.0
	-6.00000	1.00000	0.00000	-4.1889	-0.50000	0.0	0.0	0.0
	-5.00000	1.00000	0.00000	-4.7185	-0.50000	0.0	0.0	0.0
	-4.00000	1.00000	0.00000	-5.3285	-0.50000	0.0	0.0	0.0
	-3.00000	1.00000	0.00000	-6.0409	-0.50000	0.0	0.0	0.0
	-2.00000	1.00000	0.00000	-6.8895	-0.50000	0.0	0.0	0.0
	-1.00000	1.00000	0.00000	-7.9300	-0.50000	0.0	0.0	0.0
	0.00000	1.00000	0.00000	-9.2681	-0.50000	0.0	0.0	0.0
	1.00000	1.00000	0.00000	-11.151	-0.50000	0.0	0.0	0.0
	2.00000	1.00000	0.00000	-15.227	-0.50000	0.0	0.0	0.0
	3.00000	1.00000	0.00000	-19.299	-0.50000	0.0	0.0	0.0
	4.00000	1.00000	0.00000	-21.170	-0.50000	0.0	0.0	0.0
	5.00000	1.00000	0.00000	-22.489	-0.50000	0.0	0.0	0.0
	6.00000	1.00000	0.00000	-23.502	-0.50000	0.0	0.0	0.0
	7.00000	1.00000	0.00000	-24.315	-0.50000	0.0	0.0	0.0
	8.00000	1.00000	0.00000	-24.984	-0.50000	0.0	0.0	0.0
	9.00000	1.00000	0.00000	-25.544	-0.50000	0.0	0.0	0.0
	10.00000	1.00000	0.00000	-26.014	-0.50000	0.0	0.0	0.0
	11.00000	1.00000	0.00000	-26.412	-0.50000	0.0	0.0	0.0
	12.00000	1.00000	0.00000	-26.748	-0.50000	0.0	0.0	0.0
	13.00000	1.00000	0.00000	-27.030	-0.50000	0.0	0.0	0.0
	14.00000	1.00000	0.00000	-27.264	-0.50000	0.0	0.0	0.0
	15.00000	1.00000	0.00000	-27.456	-0.50000	0.0	0.0	0.0
	16.00000	1.00000	0.00000	-27.607	-0.50000	0.0	0.0	0.0
	17.00000	1.00000	0.00000	-27.723	-0.50000	0.0	0.0	0.0
	18.00000	1.00000	0.00000	-27.803	-0.50000	0.0	0.0	0.0
	19.00000	1.00000	0.00000	-27.850	-0.50000	0.0	0.0	0.0
	20.00000	1.00000	0.00000	-27.863	-0.50000	0.0	0.0	0.0
	21.00000	1.00000	0.00000	-27.845	-0.50000	0.0	0.0	0.0
	22.00000	1.00000	0.00000	-27.793	-0.50000	0.0	0.0	0.0
	23.00000	1.00000	0.00000	-27.708	-0.50000	0.0	0.0	0.0
	24.00000	1.00000	0.00000	-27.588	-0.50000	0.0	0.0	0.0
	25.00000	1.00000	0.00000	-27.431	-0.50000	0.0	0.0	0.0
	26.00000	1.00000	0.00000	-27.235	-0.50000	0.0	0.0	0.0
	27.00000	1.00000	0.00000	-26.995	-0.50000	0.0	0.0	0.0
	28.00000	1.00000	0.00000	-26.707	-0.50000	0.0	0.0	0.0
	29.00000	1.00000	0.00000	-26.365	-0.50000	0.0	0.0	0.0
	30.00000	1.00000	0.00000	-25.962	-0.50000	0.0	0.0	0.0
	31.00000	1.00000	0.00000	-25.485	-0.50000	0.0	0.0	0.0
	32.00000	1.00000	0.00000	-24.920	-0.50000	0.0	0.0	0.0
	33.00000	1.00000	0.00000	-24.245	-0.50000	0.0	0.0	0.0
	34.00000	1.00000	0.00000	-23.427	-0.50000	0.0	0.0	0.0
	35.00000	1.00000	0.00000	-22.409	-0.50000	0.0	0.0	0.0
	36.00000	1.00000	0.00000	-21.086	-0.50000	0.0	0.0	0.0
	37.00000	1.00000	0.00000	-19.211	-0.50000	0.0	0.0	0.0
	38.00000	1.00000	0.00000	-15.136	-0.50000	0.0	0.0	0.0
	39.00000	1.00000	0.00000	-11.057	-0.50000	0.0	0.0	0.0
	40.00000	1.00000	0.00000	-9.1736	-0.50000	0.0	0.0	0.0
	41.00000	1.00000	0.00000	-7.8351	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	42.00000	1.00000	0.00000	-6.7950	-0.50000	0.0	0.0	0.0
	43.00000	1.00000	0.00000	-5.9475	-0.50000	0.0	0.0	0.0
	44.00000	1.00000	0.00000	-5.2369	-0.50000	0.0	0.0	0.0
	45.00000	1.00000	0.00000	-4.6294	-0.50000	0.0	0.0	0.0
	46.00000	1.00000	0.00000	-4.1027	-0.50000	0.0	0.0	0.0
	47.00000	1.00000	0.00000	-3.6413	-0.50000	0.0	0.0	0.0
	48.00000	1.00000	0.00000	-3.2339	-0.50000	0.0	0.0	0.0
	49.00000	1.00000	0.00000	-2.8718	-0.50000	0.0	0.0	0.0
	50.00000	1.00000	0.00000	-2.5483	-0.50000	0.0	0.0	0.0
	51.00000	1.00000	0.00000	-2.2582	-0.50000	0.0	0.0	0.0
	52.00000	1.00000	0.00000	-1.9970	-0.50000	0.0	0.0	0.0
	53.00000	1.00000	0.00000	-1.7613	-0.50000	0.0	0.0	0.0
	54.00000	1.00000	0.00000	-1.5480	-0.50000	0.0	0.0	0.0
	55.00000	1.00000	0.00000	-1.3547	-0.50000	0.0	0.0	0.0
	56.00000	1.00000	0.00000	-1.1792	-0.50000	0.0	0.0	0.0
	57.00000	1.00000	0.00000	-1.0196	-0.50000	0.0	0.0	0.0
	58.00000	1.00000	0.00000	-0.87439	-0.50000	0.0	0.0	0.0
	59.00000	1.00000	0.00000	-0.74213	-0.50000	0.0	0.0	0.0
	60.00000	1.00000	0.00000	-0.62161	-0.50000	0.0	0.0	0.0
	-20.00000	2.00000	0.00000	-0.70050	-0.50000	0.0	0.0	0.0
	-19.00000	2.00000	0.00000	-0.82912	-0.50000	0.0	0.0	0.0
	-18.00000	2.00000	0.00000	-0.97033	-0.50000	0.0	0.0	0.0
	-17.00000	2.00000	0.00000	-1.1255	-0.50000	0.0	0.0	0.0
	-16.00000	2.00000	0.00000	-1.2960	-0.50000	0.0	0.0	0.0
	-15.00000	2.00000	0.00000	-1.4838	-0.50000	0.0	0.0	0.0
	-14.00000	2.00000	0.00000	-1.6907	-0.50000	0.0	0.0	0.0
	-13.00000	2.00000	0.00000	-1.9191	-0.50000	0.0	0.0	0.0
	-12.00000	2.00000	0.00000	-2.1718	-0.50000	0.0	0.0	0.0
	-11.00000	2.00000	0.00000	-2.4520	-0.50000	0.0	0.0	0.0
	-10.00000	2.00000	0.00000	-2.7636	-0.50000	0.0	0.0	0.0
	-9.00000	2.00000	0.00000	-3.1115	-0.50000	0.0	0.0	0.0
	-8.00000	2.00000	0.00000	-3.5016	-0.50000	0.0	0.0	0.0
	-7.00000	2.00000	0.00000	-3.9414	-0.50000	0.0	0.0	0.0
	-6.00000	2.00000	0.00000	-4.4409	-0.50000	0.0	0.0	0.0
	-5.00000	2.00000	0.00000	-5.0130	-0.50000	0.0	0.0	0.0
	-4.00000	2.00000	0.00000	-5.6760	-0.50000	0.0	0.0	0.0
	-3.00000	2.00000	0.00000	-6.4564	-0.50000	0.0	0.0	0.0
	-2.00000	2.00000	0.00000	-7.3947	-0.50000	0.0	0.0	0.0
	-1.00000	2.00000	0.00000	-8.5588	-0.50000	0.0	0.0	0.0
	0.00000	2.00000	0.00000	-10.076	-0.50000	0.0	0.0	0.0
	1.00000	2.00000	0.00000	-12.233	-0.50000	0.0	0.0	0.0
	2.00000	2.00000	0.00000	-16.705	-0.50000	0.0	0.0	0.0
	3.00000	2.00000	0.00000	-21.173	-0.50000	0.0	0.0	0.0
	4.00000	2.00000	0.00000	-23.316	-0.50000	0.0	0.0	0.0
	5.00000	2.00000	0.00000	-24.813	-0.50000	0.0	0.0	0.0
	6.00000	2.00000	0.00000	-25.947	-0.50000	0.0	0.0	0.0
	7.00000	2.00000	0.00000	-26.848	-0.50000	0.0	0.0	0.0
	8.00000	2.00000	0.00000	-27.582	-0.50000	0.0	0.0	0.0
	9.00000	2.00000	0.00000	-28.191	-0.50000	0.0	0.0	0.0
	10.00000	2.00000	0.00000	-28.701	-0.50000	0.0	0.0	0.0
	11.00000	2.00000	0.00000	-29.129	-0.50000	0.0	0.0	0.0
	12.00000	2.00000	0.00000	-29.490	-0.50000	0.0	0.0	0.0
	13.00000	2.00000	0.00000	-29.791	-0.50000	0.0	0.0	0.0
	14.00000	2.00000	0.00000	-30.041	-0.50000	0.0	0.0	0.0
	15.00000	2.00000	0.00000	-30.245	-0.50000	0.0	0.0	0.0
	16.00000	2.00000	0.00000	-30.406	-0.50000	0.0	0.0	0.0
	17.00000	2.00000	0.00000	-30.528	-0.50000	0.0	0.0	0.0
	18.00000	2.00000	0.00000	-30.613	-0.50000	0.0	0.0	0.0
	19.00000	2.00000	0.00000	-30.663	-0.50000	0.0	0.0	0.0
	20.00000	2.00000	0.00000	-30.678	-0.50000	0.0	0.0	0.0
	21.00000	2.00000	0.00000	-30.658	-0.50000	0.0	0.0	0.0
	22.00000	2.00000	0.00000	-30.603	-0.50000	0.0	0.0	0.0
	23.00000	2.00000	0.00000	-30.513	-0.50000	0.0	0.0	0.0
	24.00000	2.00000	0.00000	-30.385	-0.50000	0.0	0.0	0.0
	25.00000	2.00000	0.00000	-30.218	-0.50000	0.0	0.0	0.0
	26.00000	2.00000	0.00000	-30.009	-0.50000	0.0	0.0	0.0
	27.00000	2.00000	0.00000	-29.753	-0.50000	0.0	0.0	0.0
	28.00000	2.00000	0.00000	-29.444	-0.50000	0.0	0.0	0.0
	29.00000	2.00000	0.00000	-29.077	-0.50000	0.0	0.0	0.0
	30.00000	2.00000	0.00000	-28.642	-0.50000	0.0	0.0	0.0
	31.00000	2.00000	0.00000	-28.126	-0.50000	0.0	0.0	0.0
	32.00000	2.00000	0.00000	-27.510	-0.50000	0.0	0.0	0.0
	33.00000	2.00000	0.00000	-26.769	-0.50000	0.0	0.0	0.0
	34.00000	2.00000	0.00000	-25.862	-0.50000	0.0	0.0	0.0
	35.00000	2.00000	0.00000	-24.722	-0.50000	0.0	0.0	0.0
	36.00000	2.00000	0.00000	-23.220	-0.50000	0.0	0.0	0.0
	37.00000	2.00000	0.00000	-21.072	-0.50000	0.0	0.0	0.0
	38.00000	2.00000	0.00000	-16.601	-0.50000	0.0	0.0	0.0
	39.00000	2.00000	0.00000	-12.126	-0.50000	0.0	0.0	0.0
	40.00000	2.00000	0.00000	-9.9683	-0.50000	0.0	0.0	0.0
	41.00000	2.00000	0.00000	-8.4505	-0.50000	0.0	0.0	0.0
	42.00000	2.00000	0.00000	-7.2870	-0.50000	0.0	0.0	0.0
	43.00000	2.00000	0.00000	-6.3503	-0.50000	0.0	0.0	0.0
	44.00000	2.00000	0.00000	-5.5723	-0.50000	0.0	0.0	0.0
	45.00000	2.00000	0.00000	-4.9124	-0.50000	0.0	0.0	0.0
	46.00000	2.00000	0.00000	-4.3439	-0.50000	0.0	0.0	0.0
	47.00000	2.00000	0.00000	-3.8486	-0.50000	0.0	0.0	0.0
	48.00000	2.00000	0.00000	-3.4132	-0.50000	0.0	0.0	0.0
	49.00000	2.00000	0.00000	-3.0277	-0.50000	0.0	0.0	0.0
	50.00000	2.00000	0.00000	-2.6845	-0.50000	0.0	0.0	0.0
	51.00000	2.00000	0.00000	-2.3776	-0.50000	0.0	0.0	0.0
	52.00000	2.00000	0.00000	-2.1021	-0.50000	0.0	0.0	0.0
	53.00000	2.00000	0.00000	-1.8540	-0.50000	0.0	0.0	0.0
	54.00000	2.00000	0.00000	-1.6300	-0.50000	0.0	0.0	0.0
	55.00000	2.00000	0.00000	-1.4273	-0.50000	0.0	0.0	0.0
	56.00000	2.00000	0.00000	-1.2436	-0.50000	0.0	0.0	0.0
	57.00000	2.00000	0.00000	-1.0769	-0.50000	0.0	0.0	0.0
	58.00000	2.00000	0.00000	-0.92536	-0.50000	0.0	0.0	0.0
	59.00000	2.00000	0.00000	-0.78754	-0.50000	0.0	0.0	0.0
	60.00000	2.00000	0.00000	-0.66209	-0.50000	0.0	0.0	0.0
	-20.00000	3.00000	0.00000	-0.74186	-0.50000	0.0	0.0	0.0
	-19.00000	3.00000	0.00000	-0.87558	-0.50000	0.0	0.0	0.0
	-18.00000	3.00000	0.00000	-1.0225	-0.50000	0.0	0.0	0.0
	-17.00000	3.00000	0.00000	-1.1842	-0.50000	0.0	0.0	0.0
	-16.00000	3.00000	0.00000	-1.3622	-0.50000	0.0	0.0	0.0
	-15.00000	3.00000	0.00000	-1.5584	-0.50000	0.0	0.0	0.0
	-14.00000	3.00000	0.00000	-1.7749	-0.50000	0.0	0.0	0.0
	-13.00000	3.00000	0.00000	-2.0144	-0.50000	0.0	0.0	0.0
	-12.00000	3.00000	0.00000	-2.2798	-0.50000	0.0	0.0	0.0
	-11.00000	3.00000	0.00000	-2.5747	-0.50000	0.0	0.0	0.0
	-10.00000	3.00000	0.00000	-2.9033	-0.50000	0.0	0.0	0.0
	-9.00000	3.00000	0.00000	-3.2711	-0.50000	0.0	0.0	0.0
	-8.00000	3.00000	0.00000	-3.6846	-0.50000	0.0	0.0	0.0
	-7.00000	3.00000	0.00000	-4.1521	-0.50000	0.0	0.0	0.0
	-6.00000	3.00000	0.00000	-4.6847	-0.50000	0.0	0.0	0.0
	-5.00000	3.00000	0.00000	-5.2970	-0.50000	0.0	0.0	0.0
	-4.00000	3.00000	0.00000	-6.0095	-0.50000	0.0	0.0	0.0
	-3.00000	3.00000	0.00000	-6.8518	-0.50000	0.0	0.0	0.0
	-2.00000	3.00000	0.00000	-7.8693	-0.50000	0.0	0.0	0.0
	-1.00000	3.00000	0.00000	-9.1367	-0.50000	0.0	0.0	0.0
	0.00000	3.00000	0.00000	-10.791	-0.50000	0.0	0.0	0.0
	1.00000	3.00000	0.00000	-13.127	-0.50000	0.0	0.0	0.0
	2.00000	3.00000	0.00000	-17.813	-0.50000	0.0	0.0	0.0
	3.00000	3.00000	0.00000	-22.494	-0.50000	0.0	0.0	0.0
	4.00000	3.00000	0.00000	-24.816	-0.50000	0.0	0.0	0.0
	5.00000	3.00000	0.00000	-26.447	-0.50000	0.0	0.0	0.0
	6.00000	3.00000	0.00000	-27.683	-0.50000	0.0	0.0	0.0
	7.00000	3.00000	0.00000	-28.659	-0.50000	0.0	0.0	0.0
	8.00000	3.00000	0.00000	-29.452	-0.50000	0.0	0.0	0.0
	9.00000	3.00000	0.00000	-30.107	-0.50000	0.0	0.0	0.0
	10.00000	3.00000	0.00000	-30.653	-0.50000	0.0	0.0	0.0
	11.00000	3.00000	0.00000	-31.110	-0.50000	0.0	0.0	0.0
	12.00000	3.00000	0.00000	-31.493	-0.50000	0.0	0.0	0.0
	13.00000	3.00000	0.00000	-31.814	-0.50000	0.0	0.0	0.0
	14.00000	3.00000	0.00000	-32.078	-0.50000	0.0	0.0	0.0
	15.00000	3.00000	0.00000	-32.294

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	21.00000	3.00000	0.00000	-32.730	-0.50000	0.0	0.0	0.0
	22.00000	3.00000	0.00000	-32.672	-0.50000	0.0	0.0	0.0
	23.00000	3.00000	0.00000	-32.577	-0.50000	0.0	0.0	0.0
	24.00000	3.00000	0.00000	-32.442	-0.50000	0.0	0.0	0.0
	25.00000	3.00000	0.00000	-32.265	-0.50000	0.0	0.0	0.0
	26.00000	3.00000	0.00000	-32.043	-0.50000	0.0	0.0	0.0
	27.00000	3.00000	0.00000	-31.771	-0.50000	0.0	0.0	0.0
	28.00000	3.00000	0.00000	-31.444	-0.50000	0.0	0.0	0.0
	29.00000	3.00000	0.00000	-31.053	-0.50000	0.0	0.0	0.0
	30.00000	3.00000	0.00000	-30.587	-0.50000	0.0	0.0	0.0
	31.00000	3.00000	0.00000	-30.033	-0.50000	0.0	0.0	0.0
	32.00000	3.00000	0.00000	-29.371	-0.50000	0.0	0.0	0.0
	33.00000	3.00000	0.00000	-28.570	-0.50000	0.0	0.0	0.0
	34.00000	3.00000	0.00000	-27.586	-0.50000	0.0	0.0	0.0
	35.00000	3.00000	0.00000	-26.343	-0.50000	0.0	0.0	0.0
	36.00000	3.00000	0.00000	-24.706	-0.50000	0.0	0.0	0.0
	37.00000	3.00000	0.00000	-22.379	-0.50000	0.0	0.0	0.0
	38.00000	3.00000	0.00000	-17.693	-0.50000	0.0	0.0	0.0
	39.00000	3.00000	0.00000	-13.004	-0.50000	0.0	0.0	0.0
	40.00000	3.00000	0.00000	-10.667	-0.50000	0.0	0.0	0.0
	41.00000	3.00000	0.00000	-9.0124	-0.50000	0.0	0.0	0.0
	42.00000	3.00000	0.00000	-7.7460	-0.50000	0.0	0.0	0.0
	43.00000	3.00000	0.00000	-6.7307	-0.50000	0.0	0.0	0.0
	44.00000	3.00000	0.00000	-5.8916	-0.50000	0.0	0.0	0.0
	45.00000	3.00000	0.00000	-5.1831	-0.50000	0.0	0.0	0.0
	46.00000	3.00000	0.00000	-4.5754	-0.50000	0.0	0.0	0.0
	47.00000	3.00000	0.00000	-4.0479	-0.50000	0.0	0.0	0.0
	48.00000	3.00000	0.00000	-3.5858	-0.50000	0.0	0.0	0.0
	49.00000	3.00000	0.00000	-3.1780	-0.50000	0.0	0.0	0.0
	50.00000	3.00000	0.00000	-2.8159	-0.50000	0.0	0.0	0.0
	51.00000	3.00000	0.00000	-2.4928	-0.50000	0.0	0.0	0.0
	52.00000	3.00000	0.00000	-2.2034	-0.50000	0.0	0.0	0.0
	53.00000	3.00000	0.00000	-1.9433	-0.50000	0.0	0.0	0.0
	54.00000	3.00000	0.00000	-1.7090	-0.50000	0.0	0.0	0.0
	55.00000	3.00000	0.00000	-1.4973	-0.50000	0.0	0.0	0.0
	56.00000	3.00000	0.00000	-1.3057	-0.50000	0.0	0.0	0.0
	57.00000	3.00000	0.00000	-1.1320	-0.50000	0.0	0.0	0.0
	58.00000	3.00000	0.00000	-0.97440	-0.50000	0.0	0.0	0.0
	59.00000	3.00000	0.00000	-0.83121	-0.50000	0.0	0.0	0.0
	60.00000	3.00000	0.00000	-0.70100	-0.50000	0.0	0.0	0.0
	-20.00000	4.00000	0.00000	-0.78145	-0.50000	0.0	0.0	0.0
	-19.00000	4.00000	0.00000	-0.92008	-0.50000	0.0	0.0	0.0
	-18.00000	4.00000	0.00000	-1.0726	-0.50000	0.0	0.0	0.0
	-17.00000	4.00000	0.00000	-1.2406	-0.50000	0.0	0.0	0.0
	-16.00000	4.00000	0.00000	-1.4257	-0.50000	0.0	0.0	0.0
	-15.00000	4.00000	0.00000	-1.6301	-0.50000	0.0	0.0	0.0
	-14.00000	4.00000	0.00000	-1.8560	-0.50000	0.0	0.0	0.0
	-13.00000	4.00000	0.00000	-2.1061	-0.50000	0.0	0.0	0.0
	-12.00000	4.00000	0.00000	-2.3838	-0.50000	0.0	0.0	0.0
	-11.00000	4.00000	0.00000	-2.6928	-0.50000	0.0	0.0	0.0
	-10.00000	4.00000	0.00000	-3.0379	-0.50000	0.0	0.0	0.0
	-9.00000	4.00000	0.00000	-3.4247	-0.50000	0.0	0.0	0.0
	-8.00000	4.00000	0.00000	-3.8605	-0.50000	0.0	0.0	0.0
	-7.00000	4.00000	0.00000	-4.3542	-0.50000	0.0	0.0	0.0
	-6.00000	4.00000	0.00000	-4.9179	-0.50000	0.0	0.0	0.0
	-5.00000	4.00000	0.00000	-5.5675	-0.50000	0.0	0.0	0.0
	-4.00000	4.00000	0.00000	-6.3249	-0.50000	0.0	0.0	0.0
	-3.00000	4.00000	0.00000	-7.2220	-0.50000	0.0	0.0	0.0
	-2.00000	4.00000	0.00000	-8.3070	-0.50000	0.0	0.0	0.0
	-1.00000	4.00000	0.00000	-9.6580	-0.50000	0.0	0.0	0.0
	0.00000	4.00000	0.00000	-11.415	-0.50000	0.0	0.0	0.0
	1.00000	4.00000	0.00000	-13.873	-0.50000	0.0	0.0	0.0
	2.00000	4.00000	0.00000	-18.695	-0.50000	0.0	0.0	0.0
	3.00000	4.00000	0.00000	-23.512	-0.50000	0.0	0.0	0.0
	4.00000	4.00000	0.00000	-25.954	-0.50000	0.0	0.0	0.0
	5.00000	4.00000	0.00000	-27.686	-0.50000	0.0	0.0	0.0
	6.00000	4.00000	0.00000	-29.002	-0.50000	0.0	0.0	0.0
	7.00000	4.00000	0.00000	-30.043	-0.50000	0.0	0.0	0.0
	8.00000	4.00000	0.00000	-30.887	-0.50000	0.0	0.0	0.0
	9.00000	4.00000	0.00000	-31.582	-0.50000	0.0	0.0	0.0
	10.00000	4.00000	0.00000	-32.160	-0.50000	0.0	0.0	0.0
	11.00000	4.00000	0.00000	-32.644	-0.50000	0.0	0.0	0.0
	12.00000	4.00000	0.00000	-33.048	-0.50000	0.0	0.0	0.0
	13.00000	4.00000	0.00000	-33.386	-0.50000	0.0	0.0	0.0
	14.00000	4.00000	0.00000	-33.664	-0.50000	0.0	0.0	0.0
	15.00000	4.00000	0.00000	-33.891	-0.50000	0.0	0.0	0.0
	16.00000	4.00000	0.00000	-34.070	-0.50000	0.0	0.0	0.0
	17.00000	4.00000	0.00000	-34.205	-0.50000	0.0	0.0	0.0
	18.00000	4.00000	0.00000	-34.299	-0.50000	0.0	0.0	0.0
	19.00000	4.00000	0.00000	-34.354	-0.50000	0.0	0.0	0.0
	20.00000	4.00000	0.00000	-34.370	-0.50000	0.0	0.0	0.0
	21.00000	4.00000	0.00000	-34.348	-0.50000	0.0	0.0	0.0
	22.00000	4.00000	0.00000	-34.287	-0.50000	0.0	0.0	0.0
	23.00000	4.00000	0.00000	-34.187	-0.50000	0.0	0.0	0.0
	24.00000	4.00000	0.00000	-34.046	-0.50000	0.0	0.0	0.0
	25.00000	4.00000	0.00000	-33.860	-0.50000	0.0	0.0	0.0
	26.00000	4.00000	0.00000	-33.626	-0.50000	0.0	0.0	0.0
	27.00000	4.00000	0.00000	-33.340	-0.50000	0.0	0.0	0.0
	28.00000	4.00000	0.00000	-32.994	-0.50000	0.0	0.0	0.0
	29.00000	4.00000	0.00000	-32.580	-0.50000	0.0	0.0	0.0
	30.00000	4.00000	0.00000	-32.087	-0.50000	0.0	0.0	0.0
	31.00000	4.00000	0.00000	-31.500	-0.50000	0.0	0.0	0.0
	32.00000	4.00000	0.00000	-30.795	-0.50000	0.0	0.0	0.0
	33.00000	4.00000	0.00000	-29.942	-0.50000	0.0	0.0	0.0
	34.00000	4.00000	0.00000	-28.892	-0.50000	0.0	0.0	0.0
	35.00000	4.00000	0.00000	-27.567	-0.50000	0.0	0.0	0.0
	36.00000	4.00000	0.00000	-25.827	-0.50000	0.0	0.0	0.0
	37.00000	4.00000	0.00000	-23.378	-0.50000	0.0	0.0	0.0
	38.00000	4.00000	0.00000	-18.557	-0.50000	0.0	0.0	0.0
	39.00000	4.00000	0.00000	-13.731	-0.50000	0.0	0.0	0.0
	40.00000	4.00000	0.00000	-11.272	-0.50000	0.0	0.0	0.0
	41.00000	4.00000	0.00000	-9.5146	-0.50000	0.0	0.0	0.0
	42.00000	4.00000	0.00000	-8.1652	-0.50000	0.0	0.0	0.0
	43.00000	4.00000	0.00000	-7.0832	-0.50000	0.0	0.0	0.0
	44.00000	4.00000	0.00000	-6.1903	-0.50000	0.0	0.0	0.0
	45.00000	4.00000	0.00000	-5.4380	-0.50000	0.0	0.0	0.0
	46.00000	4.00000	0.00000	-4.7944	-0.50000	0.0	0.0	0.0
	47.00000	4.00000	0.00000	-4.2371	-0.50000	0.0	0.0	0.0
	48.00000	4.00000	0.00000	-3.7500	-0.50000	0.0	0.0	0.0
	49.00000	4.00000	0.00000	-3.3211	-0.50000	0.0	0.0	0.0
	50.00000	4.00000	0.00000	-2.9411	-0.50000	0.0	0.0	0.0
	51.00000	4.00000	0.00000	-2.6027	-0.50000	0.0	0.0	0.0
	52.00000	4.00000	0.00000	-2.3021	-0.50000	0.0	0.0	0.0
	53.00000	4.00000	0.00000	-2.0286	-0.50000	0.0	0.0	0.0
	54.00000	4.00000	0.00000	-1.7844	-0.50000	0.0	0.0	0.0
	55.00000	4.00000	0.00000	-1.5640	-0.50000	0.0	0.0	0.0
	56.00000	4.00000	0.00000	-1.3649	-0.50000	0.0	0.0	0.0
	57.00000	4.00000	0.00000	-1.1846	-0.50000	0.0	0.0	0.0
	58.00000	4.00000	0.00000	-1.0212	-0.50000	0.0	0.0	0.0
	59.00000	4.00000	0.00000	-0.87284	-0.50000	0.0	0.0	0.0
	60.00000	4.00000	0.00000	-0.73809	-0.50000	0.0	0.0	0.0
	-20.00000	5.00000	0.00000	-0.81902	-0.50000	0.0	0.0	0.0
	-19.00000	5.00000	0.00000	-0.96234	-0.50000	0.0	0.0	0.0
	-18.00000	5.00000	0.00000	-1.1202	-0.50000	0.0	0.0	0.0
	-17.00000	5.00000	0.00000	-1.2942	-0.50000	0.0	0.0	0.0
	-16.00000	5.00000	0.00000	-1.4862	-0.50000	0.0	0.0	0.0
	-15.00000	5.00000	0.00000	-1.6984	-0.50000	0.0	0.0	0.0
	-14.00000	5.00000	0.00000	-1.9332	-0.50000	0.0	0.0	0.0
	-13.00000	5.00000	0.00000	-2.1936	-0.50000	0.0	0.0	0.0
	-12.00000	5.00000	0.00000	-2.4830	-0.50000	0.0	0.0	0.0
	-11.00000	5.00000	0.00000	-2.8056	-0.50000	0.0	0.0	0.0
	-10.00000	5.00000	0.00000	-3.1662	-0.50000	0.0	0.0	0.0
	-9.00000	5.00000	0.00000	-3.5711	-0.50000	0.0	0.0	0.0
	-8.00000	5.00000	0.00000	-4.0279	-0.50000	0.0	0.0	0.0
	-7.00000	5.00000	0.00000	-4.5462	-0.50000	0.0	0.0	0.0
	-6.00000	5.00000	0.00000	-5.1387	-0.50000	0.0	0.0	0.0
	-5.00000	5.00000	0.00000	-5.8221	-0.50000	0.0	0.0	0.0
	-4.00000	5.00000	0.00000	-6.6197	-0.50000	0.0	0.0	0.0
	-3.00000	5.00000	0.00000	-7.5644	-0.50000	0.0	0.0	0.0
	-2.00000	5.00000	0.00000	-8.7061	-0.50000	0.0	0.0	0.0
	-1.00000	5.00000	0.00000	-10.124	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	0.00000	5.00000	0.00000	-11.959	-0.50000	0.0	0.0	0.0
	1.00000	5.00000	0.00000	-14.505	-0.50000	0.0	0.0	0.0
	2.00000	5.00000	0.00000	-19.421	-0.50000	0.0	0.0	0.0
	3.00000	5.00000	0.00000	-24.331	-0.50000	0.0	0.0	0.0
	4.00000	5.00000	0.00000	-26.860	-0.50000	0.0	0.0	0.0
	5.00000	5.00000	0.00000	-28.667	-0.50000	0.0	0.0	0.0
	6.00000	5.00000	0.00000	-30.046	-0.50000	0.0	0.0	0.0
	7.00000	5.00000	0.00000	-31.139	-0.50000	0.0	0.0	0.0
	8.00000	5.00000	0.00000	-32.026	-0.50000	0.0	0.0	0.0
	9.00000	5.00000	0.00000	-32.756	-0.50000	0.0	0.0	0.0
	10.00000	5.00000	0.00000	-33.363	-0.50000	0.0	0.0	0.0
	11.00000	5.00000	0.00000	-33.870	-0.50000	0.0	0.0	0.0
	12.00000	5.00000	0.00000	-34.294	-0.50000	0.0	0.0	0.0
	13.00000	5.00000	0.00000	-34.646	-0.50000	0.0	0.0	0.0
	14.00000	5.00000	0.00000	-34.938	-0.50000	0.0	0.0	0.0
	15.00000	5.00000	0.00000	-35.174	-0.50000	0.0	0.0	0.0
	16.00000	5.00000	0.00000	-35.361	-0.50000	0.0	0.0	0.0
	17.00000	5.00000	0.00000	-35.502	-0.50000	0.0	0.0	0.0
	18.00000	5.00000	0.00000	-35.600	-0.50000	0.0	0.0	0.0
	19.00000	5.00000	0.00000	-35.657	-0.50000	0.0	0.0	0.0
	20.00000	5.00000	0.00000	-35.674	-0.50000	0.0	0.0	0.0
	21.00000	5.00000	0.00000	-35.651	-0.50000	0.0	0.0	0.0
	22.00000	5.00000	0.00000	-35.588	-0.50000	0.0	0.0	0.0
	23.00000	5.00000	0.00000	-35.483	-0.50000	0.0	0.0	0.0
	24.00000	5.00000	0.00000	-35.335	-0.50000	0.0	0.0	0.0
	25.00000	5.00000	0.00000	-35.141	-0.50000	0.0	0.0	0.0
	26.00000	5.00000	0.00000	-34.896	-0.50000	0.0	0.0	0.0
	27.00000	5.00000	0.00000	-34.596	-0.50000	0.0	0.0	0.0
	28.00000	5.00000	0.00000	-34.234	-0.50000	0.0	0.0	0.0
	29.00000	5.00000	0.00000	-33.800	-0.50000	0.0	0.0	0.0
	30.00000	5.00000	0.00000	-33.282	-0.50000	0.0	0.0	0.0
	31.00000	5.00000	0.00000	-32.664	-0.50000	0.0	0.0	0.0
	32.00000	5.00000	0.00000	-31.922	-0.50000	0.0	0.0	0.0
	33.00000	5.00000	0.00000	-31.024	-0.50000	0.0	0.0	0.0
	34.00000	5.00000	0.00000	-29.920	-0.50000	0.0	0.0	0.0
	35.00000	5.00000	0.00000	-28.529	-0.50000	0.0	0.0	0.0
	36.00000	5.00000	0.00000	-26.713	-0.50000	0.0	0.0	0.0
	37.00000	5.00000	0.00000	-24.176	-0.50000	0.0	0.0	0.0
	38.00000	5.00000	0.00000	-19.260	-0.50000	0.0	0.0	0.0
	39.00000	5.00000	0.00000	-14.340	-0.50000	0.0	0.0	0.0
	40.00000	5.00000	0.00000	-11.793	-0.50000	0.0	0.0	0.0
	41.00000	5.00000	0.00000	-9.9578	-0.50000	0.0	0.0	0.0
	42.00000	5.00000	0.00000	-8.5421	-0.50000	0.0	0.0	0.0
	43.00000	5.00000	0.00000	-7.4046	-0.50000	0.0	0.0	0.0
	44.00000	5.00000	0.00000	-6.4654	-0.50000	0.0	0.0	0.0
	45.00000	5.00000	0.00000	-5.6746	-0.50000	0.0	0.0	0.0
	46.00000	5.00000	0.00000	-4.9987	-0.50000	0.0	0.0	0.0
	47.00000	5.00000	0.00000	-4.4143	-0.50000	0.0	0.0	0.0
	48.00000	5.00000	0.00000	-3.9043	-0.50000	0.0	0.0	0.0
	49.00000	5.00000	0.00000	-3.4558	-0.50000	0.0	0.0	0.0
	50.00000	5.00000	0.00000	-3.0591	-0.50000	0.0	0.0	0.0
	51.00000	5.00000	0.00000	-2.7064	-0.50000	0.0	0.0	0.0
	52.00000	5.00000	0.00000	-2.3914	-0.50000	0.0	0.0	0.0
	53.00000	5.00000	0.00000	-2.1092	-0.50000	0.0	0.0	0.0
	54.00000	5.00000	0.00000	-1.8556	-0.50000	0.0	0.0	0.0
	55.00000	5.00000	0.00000	-1.6271	-0.50000	0.0	0.0	0.0
	56.00000	5.00000	0.00000	-1.4209	-0.50000	0.0	0.0	0.0
	57.00000	5.00000	0.00000	-1.2343	-0.50000	0.0	0.0	0.0
	58.00000	5.00000	0.00000	-1.0654	-0.50000	0.0	0.0	0.0
	59.00000	5.00000	0.00000	-0.91215	-0.50000	0.0	0.0	0.0
	60.00000	5.00000	0.00000	-0.77310	-0.50000	0.0	0.0	0.0
	-20.00000	6.00000	0.00000	-0.85431	-0.50000	0.0	0.0	0.0
	-19.00000	6.00000	0.00000	-1.0021	-0.50000	0.0	0.0	0.0
	-18.00000	6.00000	0.00000	-1.1650	-0.50000	0.0	0.0	0.0
	-17.00000	6.00000	0.00000	-1.3447	-0.50000	0.0	0.0	0.0
	-16.00000	6.00000	0.00000	-1.5432	-0.50000	0.0	0.0	0.0
	-15.00000	6.00000	0.00000	-1.7628	-0.50000	0.0	0.0	0.0
	-14.00000	6.00000	0.00000	-2.0061	-0.50000	0.0	0.0	0.0
	-13.00000	6.00000	0.00000	-2.2762	-0.50000	0.0	0.0	0.0
	-12.00000	6.00000	0.00000	-2.5768	-0.50000	0.0	0.0	0.0
	-11.00000	6.00000	0.00000	-2.9121	-0.50000	0.0	0.0	0.0
	-10.00000	6.00000	0.00000	-3.2875	-0.50000	0.0	0.0	0.0
	-9.00000	6.00000	0.00000	-3.7095	-0.50000	0.0	0.0	0.0
	-8.00000	6.00000	0.00000	-4.1859	-0.50000	0.0	0.0	0.0
	-7.00000	6.00000	0.00000	-4.7270	-0.50000	0.0	0.0	0.0
	-6.00000	6.00000	0.00000	-5.3458	-0.50000	0.0	0.0	0.0
	-5.00000	6.00000	0.00000	-6.0599	-0.50000	0.0	0.0	0.0
	-4.00000	6.00000	0.00000	-6.8929	-0.50000	0.0	0.0	0.0
	-3.00000	6.00000	0.00000	-7.8788	-0.50000	0.0	0.0	0.0
	-2.00000	6.00000	0.00000	-9.0679	-0.50000	0.0	0.0	0.0
	-1.00000	6.00000	0.00000	-10.540	-0.50000	0.0	0.0	0.0
	0.00000	6.00000	0.00000	-12.436	-0.50000	0.0	0.0	0.0
	1.00000	6.00000	0.00000	-15.047	-0.50000	0.0	0.0	0.0
	2.00000	6.00000	0.00000	-20.031	-0.50000	0.0	0.0	0.0
	3.00000	6.00000	0.00000	-25.008	-0.50000	0.0	0.0	0.0
	4.00000	6.00000	0.00000	-27.600	-0.50000	0.0	0.0	0.0
	5.00000	6.00000	0.00000	-29.464	-0.50000	0.0	0.0	0.0
	6.00000	6.00000	0.00000	-30.893	-0.50000	0.0	0.0	0.0
	7.00000	6.00000	0.00000	-32.028	-0.50000	0.0	0.0	0.0
	8.00000	6.00000	0.00000	-32.950	-0.50000	0.0	0.0	0.0
	9.00000	6.00000	0.00000	-33.709	-0.50000	0.0	0.0	0.0
	10.00000	6.00000	0.00000	-34.341	-0.50000	0.0	0.0	0.0
	11.00000	6.00000	0.00000	-34.868	-0.50000	0.0	0.0	0.0
	12.00000	6.00000	0.00000	-35.308	-0.50000	0.0	0.0	0.0
	13.00000	6.00000	0.00000	-35.675	-0.50000	0.0	0.0	0.0
	14.00000	6.00000	0.00000	-35.977	-0.50000	0.0	0.0	0.0
	15.00000	6.00000	0.00000	-36.222	-0.50000	0.0	0.0	0.0
	16.00000	6.00000	0.00000	-36.416	-0.50000	0.0	0.0	0.0
	17.00000	6.00000	0.00000	-36.562	-0.50000	0.0	0.0	0.0
	18.00000	6.00000	0.00000	-36.664	-0.50000	0.0	0.0	0.0
	19.00000	6.00000	0.00000	-36.723	-0.50000	0.0	0.0	0.0
	20.00000	6.00000	0.00000	-36.741	-0.50000	0.0	0.0	0.0
	21.00000	6.00000	0.00000	-36.717	-0.50000	0.0	0.0	0.0
	22.00000	6.00000	0.00000	-36.652	-0.50000	0.0	0.0	0.0
	23.00000	6.00000	0.00000	-36.543	-0.50000	0.0	0.0	0.0
	24.00000	6.00000	0.00000	-36.389	-0.50000	0.0	0.0	0.0
	25.00000	6.00000	0.00000	-36.187	-0.50000	0.0	0.0	0.0
	26.00000	6.00000	0.00000	-35.933	-0.50000	0.0	0.0	0.0
	27.00000	6.00000	0.00000	-35.621	-0.50000	0.0	0.0	0.0
	28.00000	6.00000	0.00000	-35.243	-0.50000	0.0	0.0	0.0
	29.00000	6.00000	0.00000	-34.791	-0.50000	0.0	0.0	0.0
	30.00000	6.00000	0.00000	-34.251	-0.50000	0.0	0.0	0.0
	31.00000	6.00000	0.00000	-33.606	-0.50000	0.0	0.0	0.0
	32.00000	6.00000	0.00000	-32.832	-0.50000	0.0	0.0	0.0
	33.00000	6.00000	0.00000	-31.896	-0.50000	0.0	0.0	0.0
	34.00000	6.00000	0.00000	-30.747	-0.50000	0.0	0.0	0.0
	35.00000	6.00000	0.00000	-29.305	-0.50000	0.0	0.0	0.0
	36.00000	6.00000	0.00000	-27.429	-0.50000	0.0	0.0	0.0
	37.00000	6.00000	0.00000	-24.827	-0.50000	0.0	0.0	0.0
	38.00000	6.00000	0.00000	-19.842	-0.50000	0.0	0.0	0.0
	39.00000	6.00000	0.00000	-14.853	-0.50000	0.0	0.0	0.0
	40.00000	6.00000	0.00000	-12.240	-0.50000	0.0	0.0	0.0
	41.00000	6.00000	0.00000	-10.346	-0.50000	0.0	0.0	0.0
	42.00000	6.00000	0.00000	-8.8769	-0.50000	0.0	0.0	0.0
	43.00000	6.00000	0.00000	-7.6937	-0.50000	0.0	0.0	0.0
	44.00000	6.00000	0.00000	-6.7153	-0.50000	0.0	0.0	0.0
	45.00000	6.00000	0.00000	-5.8911	-0.50000	0.0	0.0	0.0
	46.00000	6.00000	0.00000	-5.1868	-0.50000	0.0	0.0	0.0
	47.00000	6.00000	0.00000	-4.5781	-0.50000	0.0	0.0	0.0
	48.00000	6.00000	0.00000	-4.0473	-0.50000	0.0	0.0	0.0
	49.00000	6.00000	0.00000	-3.5811	-0.50000	0.0	0.0	0.0
	50.00000	6.00000	0.00000	-3.1690	-0.50000	0.0	0.0	0.0
	51.00000	6.00000	0.00000	-2.8031	-0.50000	0.0	0.0	0.0
	52.00000	6.00000	0.00000	-2.4766	-0.50000	0.0	0.0	0.0
	53.00000	6.00000	0.00000	-2.1845	-0.50000	0.0	0.0	0.0
	54.00000	6.00000	0.00000	-1.9222	-0.50000	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	60.00000	6.00000	0.00000	-0.80582	-0.50000	0.0	0.0	0.0
	-20.00000	7.00000	0.00000	-0.88708	-0.50000	0.0	0.0	0.0
	-19.00000	7.00000	0.00000	-1.0390	-0.50000	0.0	0.0	0.0
	-18.00000	7.00000	0.00000	-1.2066	-0.50000	0.0	0.0	0.0
	-17.00000	7.00000	0.00000	-1.3917	-0.50000	0.0	0.0	0.0
	-16.00000	7.00000	0.00000	-1.5963	-0.50000	0.0	0.0	0.0
	-15.00000	7.00000	0.00000	-1.8229	-0.50000	0.0	0.0	0.0
	-14.00000	7.00000	0.00000	-2.0742	-0.50000	0.0	0.0	0.0
	-13.00000	7.00000	0.00000	-2.3534	-0.50000	0.0	0.0	0.0
	-12.00000	7.00000	0.00000	-2.6645	-0.50000	0.0	0.0	0.0
	-11.00000	7.00000	0.00000	-3.0118	-0.50000	0.0	0.0	0.0
	-10.00000	7.00000	0.00000	-3.4011	-0.50000	0.0	0.0	0.0
	-9.00000	7.00000	0.00000	-3.8389	-0.50000	0.0	0.0	0.0
	-8.00000	7.00000	0.00000	-4.3335	-0.50000	0.0	0.0	0.0
	-7.00000	7.00000	0.00000	-4.8956	-0.50000	0.0	0.0	0.0
	-6.00000	7.00000	0.00000	-5.5386	-0.50000	0.0	0.0	0.0
	-5.00000	7.00000	0.00000	-6.2803	-0.50000	0.0	0.0	0.0
	-4.00000	7.00000	0.00000	-7.1448	-0.50000	0.0	0.0	0.0
	-3.00000	7.00000	0.00000	-8.1663	-0.50000	0.0	0.0	0.0
	-2.00000	7.00000	0.00000	-9.3953	-0.50000	0.0	0.0	0.0
	-1.00000	7.00000	0.00000	-10.911	-0.50000	0.0	0.0	0.0
	0.00000	7.00000	0.00000	-12.855	-0.50000	0.0	0.0	0.0
	1.00000	7.00000	0.00000	-15.516	-0.50000	0.0	0.0	0.0
	2.00000	7.00000	0.00000	-20.551	-0.50000	0.0	0.0	0.0
	3.00000	7.00000	0.00000	-25.578	-0.50000	0.0	0.0	0.0
	4.00000	7.00000	0.00000	-28.217	-0.50000	0.0	0.0	0.0
	5.00000	7.00000	0.00000	-30.124	-0.50000	0.0	0.0	0.0
	6.00000	7.00000	0.00000	-31.591	-0.50000	0.0	0.0	0.0
	7.00000	7.00000	0.00000	-32.759	-0.50000	0.0	0.0	0.0
	8.00000	7.00000	0.00000	-33.709	-0.50000	0.0	0.0	0.0
	9.00000	7.00000	0.00000	-34.492	-0.50000	0.0	0.0	0.0
	10.00000	7.00000	0.00000	-35.144	-0.50000	0.0	0.0	0.0
	11.00000	7.00000	0.00000	-35.688	-0.50000	0.0	0.0	0.0
	12.00000	7.00000	0.00000	-36.142	-0.50000	0.0	0.0	0.0
	13.00000	7.00000	0.00000	-36.520	-0.50000	0.0	0.0	0.0
	14.00000	7.00000	0.00000	-36.832	-0.50000	0.0	0.0	0.0
	15.00000	7.00000	0.00000	-37.085	-0.50000	0.0	0.0	0.0
	16.00000	7.00000	0.00000	-37.285	-0.50000	0.0	0.0	0.0
	17.00000	7.00000	0.00000	-37.436	-0.50000	0.0	0.0	0.0
	18.00000	7.00000	0.00000	-37.542	-0.50000	0.0	0.0	0.0
	19.00000	7.00000	0.00000	-37.603	-0.50000	0.0	0.0	0.0
	20.00000	7.00000	0.00000	-37.621	-0.50000	0.0	0.0	0.0
	21.00000	7.00000	0.00000	-37.596	-0.50000	0.0	0.0	0.0
	22.00000	7.00000	0.00000	-37.529	-0.50000	0.0	0.0	0.0
	23.00000	7.00000	0.00000	-37.417	-0.50000	0.0	0.0	0.0
	24.00000	7.00000	0.00000	-37.258	-0.50000	0.0	0.0	0.0
	25.00000	7.00000	0.00000	-37.049	-0.50000	0.0	0.0	0.0
	26.00000	7.00000	0.00000	-36.786	-0.50000	0.0	0.0	0.0
	27.00000	7.00000	0.00000	-36.463	-0.50000	0.0	0.0	0.0
	28.00000	7.00000	0.00000	-36.072	-0.50000	0.0	0.0	0.0
	29.00000	7.00000	0.00000	-35.603	-0.50000	0.0	0.0	0.0
	30.00000	7.00000	0.00000	-35.044	-0.50000	0.0	0.0	0.0
	31.00000	7.00000	0.00000	-34.376	-0.50000	0.0	0.0	0.0
	32.00000	7.00000	0.00000	-33.576	-0.50000	0.0	0.0	0.0
	33.00000	7.00000	0.00000	-32.608	-0.50000	0.0	0.0	0.0
	34.00000	7.00000	0.00000	-31.423	-0.50000	0.0	0.0	0.0
	35.00000	7.00000	0.00000	-29.939	-0.50000	0.0	0.0	0.0
	36.00000	7.00000	0.00000	-28.017	-0.50000	0.0	0.0	0.0
	37.00000	7.00000	0.00000	-25.365	-0.50000	0.0	0.0	0.0
	38.00000	7.00000	0.00000	-20.328	-0.50000	0.0	0.0	0.0
	39.00000	7.00000	0.00000	-15.287	-0.50000	0.0	0.0	0.0
	40.00000	7.00000	0.00000	-12.624	-0.50000	0.0	0.0	0.0
	41.00000	7.00000	0.00000	-10.682	-0.50000	0.0	0.0	0.0
	42.00000	7.00000	0.00000	-9.1714	-0.50000	0.0	0.0	0.0
	43.00000	7.00000	0.00000	-7.9506	-0.50000	0.0	0.0	0.0
	44.00000	7.00000	0.00000	-6.9393	-0.50000	0.0	0.0	0.0
	45.00000	7.00000	0.00000	-6.0865	-0.50000	0.0	0.0	0.0
	46.00000	7.00000	0.00000	-5.3574	-0.50000	0.0	0.0	0.0
	47.00000	7.00000	0.00000	-4.7273	-0.50000	0.0	0.0	0.0
	48.00000	7.00000	0.00000	-4.1781	-0.50000	0.0	0.0	0.0
	49.00000	7.00000	0.00000	-3.6959	-0.50000	0.0	0.0	0.0
	50.00000	7.00000	0.00000	-3.2700	-0.50000	0.0	0.0	0.0
	51.00000	7.00000	0.00000	-2.8920	-0.50000	0.0	0.0	0.0
	52.00000	7.00000	0.00000	-2.5552	-0.50000	0.0	0.0	0.0
	53.00000	7.00000	0.00000	-2.2539	-0.50000	0.0	0.0	0.0
	54.00000	7.00000	0.00000	-1.9836	-0.50000	0.0	0.0	0.0
	55.00000	7.00000	0.00000	-1.7405	-0.50000	0.0	0.0	0.0
	56.00000	7.00000	0.00000	-1.5214	-0.50000	0.0	0.0	0.0
	57.00000	7.00000	0.00000	-1.3236	-0.50000	0.0	0.0	0.0
	58.00000	7.00000	0.00000	-1.1448	-0.50000	0.0	0.0	0.0
	59.00000	7.00000	0.00000	-0.98281	-0.50000	0.0	0.0	0.0
	60.00000	7.00000	0.00000	-0.83602	-0.50000	0.0	0.0	0.0
	-20.00000	8.00000	0.00000	-0.91709	-0.50000	0.0	0.0	0.0
	-19.00000	8.00000	0.00000	-1.0729	-0.50000	0.0	0.0	0.0
	-18.00000	8.00000	0.00000	-1.2448	-0.50000	0.0	0.0	0.0
	-17.00000	8.00000	0.00000	-1.4349	-0.50000	0.0	0.0	0.0
	-16.00000	8.00000	0.00000	-1.6452	-0.50000	0.0	0.0	0.0
	-15.00000	8.00000	0.00000	-1.8783	-0.50000	0.0	0.0	0.0
	-14.00000	8.00000	0.00000	-2.1370	-0.50000	0.0	0.0	0.0
	-13.00000	8.00000	0.00000	-2.4247	-0.50000	0.0	0.0	0.0
	-12.00000	8.00000	0.00000	-2.7455	-0.50000	0.0	0.0	0.0
	-11.00000	8.00000	0.00000	-3.1041	-0.50000	0.0	0.0	0.0
	-10.00000	8.00000	0.00000	-3.5061	-0.50000	0.0	0.0	0.0
	-9.00000	8.00000	0.00000	-3.9587	-0.50000	0.0	0.0	0.0
	-8.00000	8.00000	0.00000	-4.4703	-0.50000	0.0	0.0	0.0
	-7.00000	8.00000	0.00000	-5.0518	-0.50000	0.0	0.0	0.0
	-6.00000	8.00000	0.00000	-5.7169	-0.50000	0.0	0.0	0.0
	-5.00000	8.00000	0.00000	-6.4836	-0.50000	0.0	0.0	0.0
	-4.00000	8.00000	0.00000	-7.3763	-0.50000	0.0	0.0	0.0
	-3.00000	8.00000	0.00000	-8.4291	-0.50000	0.0	0.0	0.0
	-2.00000	8.00000	0.00000	-9.6922	-0.50000	0.0	0.0	0.0
	-1.00000	8.00000	0.00000	-11.245	-0.50000	0.0	0.0	0.0
	0.00000	8.00000	0.00000	-13.227	-0.50000	0.0	0.0	0.0
	1.00000	8.00000	0.00000	-15.927	-0.50000	0.0	0.0	0.0
	2.00000	8.00000	0.00000	-21.001	-0.50000	0.0	0.0	0.0
	3.00000	8.00000	0.00000	-26.065	-0.50000	0.0	0.0	0.0
	4.00000	8.00000	0.00000	-28.739	-0.50000	0.0	0.0	0.0
	5.00000	8.00000	0.00000	-30.678	-0.50000	0.0	0.0	0.0
	6.00000	8.00000	0.00000	-32.173	-0.50000	0.0	0.0	0.0
	7.00000	8.00000	0.00000	-33.366	-0.50000	0.0	0.0	0.0
	8.00000	8.00000	0.00000	-34.337	-0.50000	0.0	0.0	0.0
	9.00000	8.00000	0.00000	-35.139	-0.50000	0.0	0.0	0.0
	10.00000	8.00000	0.00000	-35.806	-0.50000	0.0	0.0	0.0
	11.00000	8.00000	0.00000	-36.364	-0.50000	0.0	0.0	0.0
	12.00000	8.00000	0.00000	-36.830	-0.50000	0.0	0.0	0.0
	13.00000	8.00000	0.00000	-37.217	-0.50000	0.0	0.0	0.0
	14.00000	8.00000	0.00000	-37.537	-0.50000	0.0	0.0	0.0
	15.00000	8.00000	0.00000	-37.797	-0.50000	0.0	0.0	0.0
	16.00000	8.00000	0.00000	-38.002	-0.50000	0.0	0.0	0.0
	17.00000	8.00000	0.00000	-38.157	-0.50000	0.0	0.0	0.0
	18.00000	8.00000	0.00000	-38.265	-0.50000	0.0	0.0	0.0
	19.00000	8.00000	0.00000	-38.328	-0.50000	0.0	0.0	0.0
	20.00000	8.00000	0.00000	-38.347	-0.50000	0.0	0.0	0.0
	21.00000	8.00000	0.00000	-38.322	-0.50000	0.0	0.0	0.0
	22.00000	8.00000	0.00000	-38.253	-0.50000	0.0	0.0	0.0
	23.00000	8.00000	0.00000	-38.138	-0.50000	0.0	0.0	0.0
	24.00000	8.00000	0.00000	-37.974	-0.50000	0.0	0.0	0.0
	25.00000	8.00000	0.00000	-37.760	-0.50000	0.0	0.0	0.0
	26.00000	8.00000	0.00000	-37.489	-0.50000	0.0	0.0	0.0
	27.00000	8.00000	0.00000	-37.156	-0.50000	0.0	0.0	0.0
	28.00000	8.00000	0.00000	-36.754	-0.50000	0.0	0.0	0.0
	29.00000	8.00000	0.00000	-36.272	-0.50000	0.0	0.0	0.0
	30.00000	8.00000	0.00000	-35.696	-0.50000	0.0	0.0	0.0
	31.00000	8.00000	0.00000	-35.009	-0.50000	0.0	0.0	0.0
	32.00000	8.00000	0.00000	-34.185	-0.50000	0.0	0.0	0.0
	33.00000	8.00000	0.00000	-33.192	-0.50000	0.0	0.0	0.0
	34.00000	8.00000	0.00000	-31.977	-0.50000	0.0	0.0	0.0
	35.00000	8.00000	0.00000	-30.460	-0.50000	0.0	0.0	0.0
	36.00000	8.00000	0.00000	-28.501	-0.50000	0.0	0.0	0.0
	37.00000	8.00000	0.00000	-25.811	-0.50000	0.0	0.0	0.0
	38.00000	8.00000	0.00000	-20.734	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	39.00000	8.00000	0.00000	-15.653	-0.50000	0.0	0.0	0.0
	40.00000	8.00000	0.00000	-12.951	-0.50000	0.0	0.0	0.0
	41.00000	8.00000	0.00000	-10.972	-0.50000	0.0	0.0	0.0
	42.00000	8.00000	0.00000	-9.4275	-0.50000	0.0	0.0	0.0
	43.00000	8.00000	0.00000	-8.1759	-0.50000	0.0	0.0	0.0
	44.00000	8.00000	0.00000	-7.1373	-0.50000	0.0	0.0	0.0
	45.00000	8.00000	0.00000	-6.2603	-0.50000	0.0	0.0	0.0
	46.00000	8.00000	0.00000	-5.5100	-0.50000	0.0	0.0	0.0
	47.00000	8.00000	0.00000	-4.8614	-0.50000	0.0	0.0	0.0
	48.00000	8.00000	0.00000	-4.2959	-0.50000	0.0	0.0	0.0
	49.00000	8.00000	0.00000	-3.7996	-0.50000	0.0	0.0	0.0
	50.00000	8.00000	0.00000	-3.3614	-0.50000	0.0	0.0	0.0
	51.00000	8.00000	0.00000	-2.9727	-0.50000	0.0	0.0	0.0
	52.00000	8.00000	0.00000	-2.6264	-0.50000	0.0	0.0	0.0
	53.00000	8.00000	0.00000	-2.3169	-0.50000	0.0	0.0	0.0
	54.00000	8.00000	0.00000	-2.0394	-0.50000	0.0	0.0	0.0
	55.00000	8.00000	0.00000	-1.7900	-0.50000	0.0	0.0	0.0
	56.00000	8.00000	0.00000	-1.5654	-0.50000	0.0	0.0	0.0
	57.00000	8.00000	0.00000	-1.3627	-0.50000	0.0	0.0	0.0
	58.00000	8.00000	0.00000	-1.1795	-0.50000	0.0	0.0	0.0
	59.00000	8.00000	0.00000	-1.0137	-0.50000	0.0	0.0	0.0
	60.00000	8.00000	0.00000	-0.86350	-0.50000	0.0	0.0	0.0
	-20.00000	9.00000	0.00000	-0.94413	-0.50000	0.0	0.0	0.0
	-19.00000	9.00000	0.00000	-1.1034	-0.50000	0.0	0.0	0.0
	-18.00000	9.00000	0.00000	-1.2794	-0.50000	0.0	0.0	0.0
	-17.00000	9.00000	0.00000	-1.4740	-0.50000	0.0	0.0	0.0
	-16.00000	9.00000	0.00000	-1.6895	-0.50000	0.0	0.0	0.0
	-15.00000	9.00000	0.00000	-1.9285	-0.50000	0.0	0.0	0.0
	-14.00000	9.00000	0.00000	-2.1940	-0.50000	0.0	0.0	0.0
	-13.00000	9.00000	0.00000	-2.4896	-0.50000	0.0	0.0	0.0
	-12.00000	9.00000	0.00000	-2.8194	-0.50000	0.0	0.0	0.0
	-11.00000	9.00000	0.00000	-3.1883	-0.50000	0.0	0.0	0.0
	-10.00000	9.00000	0.00000	-3.6023	-0.50000	0.0	0.0	0.0
	-9.00000	9.00000	0.00000	-4.0685	-0.50000	0.0	0.0	0.0
	-8.00000	9.00000	0.00000	-4.5959	-0.50000	0.0	0.0	0.0
	-7.00000	9.00000	0.00000	-5.1953	-0.50000	0.0	0.0	0.0
	-6.00000	9.00000	0.00000	-5.8809	-0.50000	0.0	0.0	0.0
	-5.00000	9.00000	0.00000	-6.6707	-0.50000	0.0	0.0	0.0
	-4.00000	9.00000	0.00000	-7.5891	-0.50000	0.0	0.0	0.0
	-3.00000	9.00000	0.00000	-8.6700	-0.50000	0.0	0.0	0.0
	-2.00000	9.00000	0.00000	-9.9633	-0.50000	0.0	0.0	0.0
	-1.00000	9.00000	0.00000	-11.547	-0.50000	0.0	0.0	0.0
	0.00000	9.00000	0.00000	-13.561	-0.50000	0.0	0.0	0.0
	1.00000	9.00000	0.00000	-16.292	-0.50000	0.0	0.0	0.0
	2.00000	9.00000	0.00000	-21.395	-0.50000	0.0	0.0	0.0
	3.00000	9.00000	0.00000	-26.486	-0.50000	0.0	0.0	0.0
	4.00000	9.00000	0.00000	-29.185	-0.50000	0.0	0.0	0.0
	5.00000	9.00000	0.00000	-31.145	-0.50000	0.0	0.0	0.0
	6.00000	9.00000	0.00000	-32.660	-0.50000	0.0	0.0	0.0
	7.00000	9.00000	0.00000	-33.870	-0.50000	0.0	0.0	0.0
	8.00000	9.00000	0.00000	-34.857	-0.50000	0.0	0.0	0.0
	9.00000	9.00000	0.00000	-35.672	-0.50000	0.0	0.0	0.0
	10.00000	9.00000	0.00000	-36.351	-0.50000	0.0	0.0	0.0
	11.00000	9.00000	0.00000	-36.919	-0.50000	0.0	0.0	0.0
	12.00000	9.00000	0.00000	-37.394	-0.50000	0.0	0.0	0.0
	13.00000	9.00000	0.00000	-37.789	-0.50000	0.0	0.0	0.0
	14.00000	9.00000	0.00000	-38.116	-0.50000	0.0	0.0	0.0
	15.00000	9.00000	0.00000	-38.381	-0.50000	0.0	0.0	0.0
	16.00000	9.00000	0.00000	-38.591	-0.50000	0.0	0.0	0.0
	17.00000	9.00000	0.00000	-38.749	-0.50000	0.0	0.0	0.0
	18.00000	9.00000	0.00000	-38.860	-0.50000	0.0	0.0	0.0
	19.00000	9.00000	0.00000	-38.924	-0.50000	0.0	0.0	0.0
	20.00000	9.00000	0.00000	-38.943	-0.50000	0.0	0.0	0.0
	21.00000	9.00000	0.00000	-38.918	-0.50000	0.0	0.0	0.0
	22.00000	9.00000	0.00000	-38.847	-0.50000	0.0	0.0	0.0
	23.00000	9.00000	0.00000	-38.730	-0.50000	0.0	0.0	0.0
	24.00000	9.00000	0.00000	-38.563	-0.50000	0.0	0.0	0.0
	25.00000	9.00000	0.00000	-38.343	-0.50000	0.0	0.0	0.0
	26.00000	9.00000	0.00000	-38.066	-0.50000	0.0	0.0	0.0
	27.00000	9.00000	0.00000	-37.726	-0.50000	0.0	0.0	0.0
	28.00000	9.00000	0.00000	-37.314	-0.50000	0.0	0.0	0.0
	29.00000	9.00000	0.00000	-36.820	-0.50000	0.0	0.0	0.0
	30.00000	9.00000	0.00000	-36.230	-0.50000	0.0	0.0	0.0
	31.00000	9.00000	0.00000	-35.527	-0.50000	0.0	0.0	0.0
	32.00000	9.00000	0.00000	-34.685	-0.50000	0.0	0.0	0.0
	33.00000	9.00000	0.00000	-33.670	-0.50000	0.0	0.0	0.0
	34.00000	9.00000	0.00000	-32.431	-0.50000	0.0	0.0	0.0
	35.00000	9.00000	0.00000	-30.888	-0.50000	0.0	0.0	0.0
	36.00000	9.00000	0.00000	-28.901	-0.50000	0.0	0.0	0.0
	37.00000	9.00000	0.00000	-26.180	-0.50000	0.0	0.0	0.0
	38.00000	9.00000	0.00000	-21.072	-0.50000	0.0	0.0	0.0
	39.00000	9.00000	0.00000	-15.960	-0.50000	0.0	0.0	0.0
	40.00000	9.00000	0.00000	-13.227	-0.50000	0.0	0.0	0.0
	41.00000	9.00000	0.00000	-11.219	-0.50000	0.0	0.0	0.0
	42.00000	9.00000	0.00000	-9.6473	-0.50000	0.0	0.0	0.0
	43.00000	9.00000	0.00000	-8.3708	-0.50000	0.0	0.0	0.0
	44.00000	9.00000	0.00000	-7.3096	-0.50000	0.0	0.0	0.0
	45.00000	9.00000	0.00000	-6.4124	-0.50000	0.0	0.0	0.0
	46.00000	9.00000	0.00000	-5.6442	-0.50000	0.0	0.0	0.0
	47.00000	9.00000	0.00000	-4.9797	-0.50000	0.0	0.0	0.0
	48.00000	9.00000	0.00000	-4.4003	-0.50000	0.0	0.0	0.0
	49.00000	9.00000	0.00000	-3.8917	-0.50000	0.0	0.0	0.0
	50.00000	9.00000	0.00000	-3.4427	-0.50000	0.0	0.0	0.0
	51.00000	9.00000	0.00000	-3.0445	-0.50000	0.0	0.0	0.0
	52.00000	9.00000	0.00000	-2.6900	-0.50000	0.0	0.0	0.0
	53.00000	9.00000	0.00000	-2.3732	-0.50000	0.0	0.0	0.0
	54.00000	9.00000	0.00000	-2.0893	-0.50000	0.0	0.0	0.0
	55.00000	9.00000	0.00000	-1.8342	-0.50000	0.0	0.0	0.0
	56.00000	9.00000	0.00000	-1.6046	-0.50000	0.0	0.0	0.0
	57.00000	9.00000	0.00000	-1.3976	-0.50000	0.0	0.0	0.0
	58.00000	9.00000	0.00000	-1.2105	-0.50000	0.0	0.0	0.0
	59.00000	9.00000	0.00000	-1.0413	-0.50000	0.0	0.0	0.0
	60.00000	9.00000	0.00000	-0.88810	-0.50000	0.0	0.0	0.0
	-20.00000	10.00000	0.00000	-0.96799	-0.50000	0.0	0.0	0.0
	-19.00000	10.00000	0.00000	-1.1304	-0.50000	0.0	0.0	0.0
	-18.00000	10.00000	0.00000	-1.3099	-0.50000	0.0	0.0	0.0
	-17.00000	10.00000	0.00000	-1.5086	-0.50000	0.0	0.0	0.0
	-16.00000	10.00000	0.00000	-1.7288	-0.50000	0.0	0.0	0.0
	-15.00000	10.00000	0.00000	-1.9732	-0.50000	0.0	0.0	0.0
	-14.00000	10.00000	0.00000	-2.2449	-0.50000	0.0	0.0	0.0
	-13.00000	10.00000	0.00000	-2.5476	-0.50000	0.0	0.0	0.0
	-12.00000	10.00000	0.00000	-2.8856	-0.50000	0.0	0.0	0.0
	-11.00000	10.00000	0.00000	-3.2640	-0.50000	0.0	0.0	0.0
	-10.00000	10.00000	0.00000	-3.6889	-0.50000	0.0	0.0	0.0
	-9.00000	10.00000	0.00000	-4.1679	-0.50000	0.0	0.0	0.0
	-8.00000	10.00000	0.00000	-4.7098	-0.50000	0.0	0.0	0.0
	-7.00000	10.00000	0.00000	-5.3261	-0.50000	0.0	0.0	0.0
	-6.00000	10.00000	0.00000	-6.0309	-0.50000	0.0	0.0	0.0
	-5.00000	10.00000	0.00000	-6.8425	-0.50000	0.0	0.0	0.0
	-4.00000	10.00000	0.00000	-7.7852	-0.50000	0.0	0.0	0.0
	-3.00000	10.00000	0.00000	-8.8927	-0.50000	0.0	0.0	0.0
	-2.00000	10.00000	0.00000	-10.214	-0.50000	0.0	0.0	0.0
	-1.00000	10.00000	0.00000	-11.827	-0.50000	0.0	0.0	0.0
	0.00000	10.00000	0.00000	-13.867	-0.50000	0.0	0.0	0.0
	1.00000	10.00000	0.00000	-16.624	-0.50000	0.0	0.0	0.0
	2.00000	10.00000	0.00000	-21.748	-0.50000	0.0	0.0	0.0
	3.00000	10.00000	0.00000	-26.857	-0.50000	0.0	0.0	0.0
	4.00000	10.00000	0.00000	-29.571	-0.50000	0.0	0.0	0.0
	5.00000	10.00000	0.00000	-31.544	-0.50000	0.0	0.0	0.0
	6.00000	10.00000	0.00000	-33.070	-0.50000	0.0	0.0	0.0
	7.00000	10.00000	0.00000	-34.290	-0.50000	0.0	0.0	0.0
	8.00000	10.00000	0.00000	-35.286	-0.50000	0.0	0.0	0.0
	9.00000	10.00000	0.00000	-36.110	-0.50000	0.0	0.0	0.0
	10.00000	10.00000	0.00000	-36.796	-0.50000	0.0	0.0	0.0
	11.00000	10.00000	0.00000	-37.371	-0.50000	0.0	0.0	0.0
	12.00000	10.00000	0.00000	-37.852	-0.50000	0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	18.00000	10.00000	0.00000	-39.341	-0.50000	0.0	0.0	0.0
	19.00000	10.00000	0.00000	-39.407	-0.50000	0.0	0.0	0.0
	20.00000	10.00000	0.00000	-39.427	-0.50000	0.0	0.0	0.0
	21.00000	10.00000	0.00000	-39.402	-0.50000	0.0	0.0	0.0
	22.00000	10.00000	0.00000	-39.330	-0.50000	0.0	0.0	0.0
	23.00000	10.00000	0.00000	-39.211	-0.50000	0.0	0.0	0.0
	24.00000	10.00000	0.00000	-39.041	-0.50000	0.0	0.0	0.0
	25.00000	10.00000	0.00000	-38.818	-0.50000	0.0	0.0	0.0
	26.00000	10.00000	0.00000	-38.536	-0.50000	0.0	0.0	0.0
	27.00000	10.00000	0.00000	-38.189	-0.50000	0.0	0.0	0.0
	28.00000	10.00000	0.00000	-37.769	-0.50000	0.0	0.0	0.0
	29.00000	10.00000	0.00000	-37.265	-0.50000	0.0	0.0	0.0
	30.00000	10.00000	0.00000	-36.664	-0.50000	0.0	0.0	0.0
	31.00000	10.00000	0.00000	-35.948	-0.50000	0.0	0.0	0.0
	32.00000	10.00000	0.00000	-35.091	-0.50000	0.0	0.0	0.0
	33.00000	10.00000	0.00000	-34.059	-0.50000	0.0	0.0	0.0
	34.00000	10.00000	0.00000	-32.801	-0.50000	0.0	0.0	0.0
	35.00000	10.00000	0.00000	-31.237	-0.50000	0.0	0.0	0.0
	36.00000	10.00000	0.00000	-29.227	-0.50000	0.0	0.0	0.0
	37.00000	10.00000	0.00000	-26.483	-0.50000	0.0	0.0	0.0
	38.00000	10.00000	0.00000	-21.351	-0.50000	0.0	0.0	0.0
	39.00000	10.00000	0.00000	-16.214	-0.50000	0.0	0.0	0.0
	40.00000	10.00000	0.00000	-13.457	-0.50000	0.0	0.0	0.0
	41.00000	10.00000	0.00000	-11.427	-0.50000	0.0	0.0	0.0
	42.00000	10.00000	0.00000	-9.8330	-0.50000	0.0	0.0	0.0
	43.00000	10.00000	0.00000	-8.5364	-0.50000	0.0	0.0	0.0
	44.00000	10.00000	0.00000	-7.4567	-0.50000	0.0	0.0	0.0
	45.00000	10.00000	0.00000	-6.5429	-0.50000	0.0	0.0	0.0
	46.00000	10.00000	0.00000	-5.7597	-0.50000	0.0	0.0	0.0
	47.00000	10.00000	0.00000	-5.0819	-0.50000	0.0	0.0	0.0
	48.00000	10.00000	0.00000	-4.4907	-0.50000	0.0	0.0	0.0
	49.00000	10.00000	0.00000	-3.9717	-0.50000	0.0	0.0	0.0
	50.00000	10.00000	0.00000	-3.5135	-0.50000	0.0	0.0	0.0
	51.00000	10.00000	0.00000	-3.1072	-0.50000	0.0	0.0	0.0
	52.00000	10.00000	0.00000	-2.7454	-0.50000	0.0	0.0	0.0
	53.00000	10.00000	0.00000	-2.4223	-0.50000	0.0	0.0	0.0
	54.00000	10.00000	0.00000	-2.1329	-0.50000	0.0	0.0	0.0
	55.00000	10.00000	0.00000	-1.8729	-0.50000	0.0	0.0	0.0
	56.00000	10.00000	0.00000	-1.6390	-0.50000	0.0	0.0	0.0
	57.00000	10.00000	0.00000	-1.4281	-0.50000	0.0	0.0	0.0
	58.00000	10.00000	0.00000	-1.2377	-0.50000	0.0	0.0	0.0
	59.00000	10.00000	0.00000	-1.0655	-0.50000	0.0	0.0	0.0
	60.00000	10.00000	0.00000	-0.90963	-0.50000	0.0	0.0	0.0
	-20.00000	11.00000	0.00000	-0.98848	-0.50000	0.0	0.0	0.0
	-19.00000	11.00000	0.00000	-1.1536	-0.50000	0.0	0.0	0.0
	-18.00000	11.00000	0.00000	-1.3362	-0.50000	0.0	0.0	0.0
	-17.00000	11.00000	0.00000	-1.5385	-0.50000	0.0	0.0	0.0
	-16.00000	11.00000	0.00000	-1.7628	-0.50000	0.0	0.0	0.0
	-15.00000	11.00000	0.00000	-2.0120	-0.50000	0.0	0.0	0.0
	-14.00000	11.00000	0.00000	-2.2892	-0.50000	0.0	0.0	0.0
	-13.00000	11.00000	0.00000	-2.5983	-0.50000	0.0	0.0	0.0
	-12.00000	11.00000	0.00000	-2.9436	-0.50000	0.0	0.0	0.0
	-11.00000	11.00000	0.00000	-3.3307	-0.50000	0.0	0.0	0.0
	-10.00000	11.00000	0.00000	-3.7657	-0.50000	0.0	0.0	0.0
	-9.00000	11.00000	0.00000	-4.2563	-0.50000	0.0	0.0	0.0
	-8.00000	11.00000	0.00000	-4.8119	-0.50000	0.0	0.0	0.0
	-7.00000	11.00000	0.00000	-5.4441	-0.50000	0.0	0.0	0.0
	-6.00000	11.00000	0.00000	-6.1673	-0.50000	0.0	0.0	0.0
	-5.00000	11.00000	0.00000	-7.0002	-0.50000	0.0	0.0	0.0
	-4.00000	11.00000	0.00000	-7.9671	-0.50000	0.0	0.0	0.0
	-3.00000	11.00000	0.00000	-9.1014	-0.50000	0.0	0.0	0.0
	-2.00000	11.00000	0.00000	-10.451	-0.50000	0.0	0.0	0.0
	-1.00000	11.00000	0.00000	-12.092	-0.50000	0.0	0.0	0.0
	0.00000	11.00000	0.00000	-14.159	-0.50000	0.0	0.0	0.0
	1.00000	11.00000	0.00000	-16.936	-0.50000	0.0	0.0	0.0
	2.00000	11.00000	0.00000	-22.074	-0.50000	0.0	0.0	0.0
	3.00000	11.00000	0.00000	-27.192	-0.50000	0.0	0.0	0.0
	4.00000	11.00000	0.00000	-29.910	-0.50000	0.0	0.0	0.0
	5.00000	11.00000	0.00000	-31.886	-0.50000	0.0	0.0	0.0
	6.00000	11.00000	0.00000	-33.414	-0.50000	0.0	0.0	0.0
	7.00000	11.00000	0.00000	-34.637	-0.50000	0.0	0.0	0.0
	8.00000	11.00000	0.00000	-35.636	-0.50000	0.0	0.0	0.0
	9.00000	11.00000	0.00000	-36.463	-0.50000	0.0	0.0	0.0
	10.00000	11.00000	0.00000	-37.154	-0.50000	0.0	0.0	0.0
	11.00000	11.00000	0.00000	-37.732	-0.50000	0.0	0.0	0.0
	12.00000	11.00000	0.00000	-38.217	-0.50000	0.0	0.0	0.0
	13.00000	11.00000	0.00000	-38.622	-0.50000	0.0	0.0	0.0
	14.00000	11.00000	0.00000	-38.956	-0.50000	0.0	0.0	0.0
	15.00000	11.00000	0.00000	-39.228	-0.50000	0.0	0.0	0.0
	16.00000	11.00000	0.00000	-39.444	-0.50000	0.0	0.0	0.0
	17.00000	11.00000	0.00000	-39.608	-0.50000	0.0	0.0	0.0
	18.00000	11.00000	0.00000	-39.722	-0.50000	0.0	0.0	0.0
	19.00000	11.00000	0.00000	-39.789	-0.50000	0.0	0.0	0.0
	20.00000	11.00000	0.00000	-39.810	-0.50000	0.0	0.0	0.0
	21.00000	11.00000	0.00000	-39.785	-0.50000	0.0	0.0	0.0
	22.00000	11.00000	0.00000	-39.713	-0.50000	0.0	0.0	0.0
	23.00000	11.00000	0.00000	-39.593	-0.50000	0.0	0.0	0.0
	24.00000	11.00000	0.00000	-39.421	-0.50000	0.0	0.0	0.0
	25.00000	11.00000	0.00000	-39.195	-0.50000	0.0	0.0	0.0
	26.00000	11.00000	0.00000	-38.909	-0.50000	0.0	0.0	0.0
	27.00000	11.00000	0.00000	-38.557	-0.50000	0.0	0.0	0.0
	28.00000	11.00000	0.00000	-38.131	-0.50000	0.0	0.0	0.0
	29.00000	11.00000	0.00000	-37.620	-0.50000	0.0	0.0	0.0
	30.00000	11.00000	0.00000	-37.011	-0.50000	0.0	0.0	0.0
	31.00000	11.00000	0.00000	-36.284	-0.50000	0.0	0.0	0.0
	32.00000	11.00000	0.00000	-35.415	-0.50000	0.0	0.0	0.0
	33.00000	11.00000	0.00000	-34.370	-0.50000	0.0	0.0	0.0
	34.00000	11.00000	0.00000	-33.097	-0.50000	0.0	0.0	0.0
	35.00000	11.00000	0.00000	-31.516	-0.50000	0.0	0.0	0.0
	36.00000	11.00000	0.00000	-29.490	-0.50000	0.0	0.0	0.0
	37.00000	11.00000	0.00000	-26.727	-0.50000	0.0	0.0	0.0
	38.00000	11.00000	0.00000	-21.576	-0.50000	0.0	0.0	0.0
	39.00000	11.00000	0.00000	-16.421	-0.50000	0.0	0.0	0.0
	40.00000	11.00000	0.00000	-13.645	-0.50000	0.0	0.0	0.0
	41.00000	11.00000	0.00000	-11.597	-0.50000	0.0	0.0	0.0
	42.00000	11.00000	0.00000	-9.9862	-0.50000	0.0	0.0	0.0
	43.00000	11.00000	0.00000	-8.6736	-0.50000	0.0	0.0	0.0
	44.00000	11.00000	0.00000	-7.5793	-0.50000	0.0	0.0	0.0
	45.00000	11.00000	0.00000	-6.6520	-0.50000	0.0	0.0	0.0
	46.00000	11.00000	0.00000	-5.8567	-0.50000	0.0	0.0	0.0
	47.00000	11.00000	0.00000	-5.1680	-0.50000	0.0	0.0	0.0
	48.00000	11.00000	0.00000	-4.5670	-0.50000	0.0	0.0	0.0
	49.00000	11.00000	0.00000	-4.0393	-0.50000	0.0	0.0	0.0
	50.00000	11.00000	0.00000	-3.5734	-0.50000	0.0	0.0	0.0
	51.00000	11.00000	0.00000	-3.1603	-0.50000	0.0	0.0	0.0
	52.00000	11.00000	0.00000	-2.7926	-0.50000	0.0	0.0	0.0
	53.00000	11.00000	0.00000	-2.4641	-0.50000	0.0	0.0	0.0
	54.00000	11.00000	0.00000	-2.1700	-0.50000	0.0	0.0	0.0
	55.00000	11.00000	0.00000	-1.9059	-0.50000	0.0	0.0	0.0
	56.00000	11.00000	0.00000	-1.6683	-0.50000	0.0	0.0	0.0
	57.00000	11.00000	0.00000	-1.4541	-0.50000	0.0	0.0	0.0
	58.00000	11.00000	0.00000	-1.2608	-0.50000	0.0	0.0	0.0
	59.00000	11.00000	0.00000	-1.0861	-0.50000	0.0	0.0	0.0
	60.00000	11.00000	0.00000	-0.92798	-0.50000	0.0	0.0	0.0
	-20.00000	12.00000	0.00000	-1.0054	-0.50000	0.0	0.0	0.0
	-19.00000	12.00000	0.00000	-1.1729	-0.50000	0.0	0.0	0.0
	-18.00000	12.00000	0.00000	-1.3582	-0.50000	0.0	0.0	0.0
	-17.00000	12.00000	0.00000	-1.5635	-0.50000	0.0	0.0	0.0
	-16.00000	12.00000	0.00000	-1.7914	-0.50000	0.0	0.0	0.0
	-15.00000	12.00000	0.00000	-2.0446	-0.50000	0.0	0.0	0.0
	-14.00000	12.00000	0.00000	-2.3266	-0.50000	0.0	0.0	0.0
	-13.00000	12.00000	0.00000	-2.6412	-0.50000	0.0	0.0	0.0
	-12.00000	12.00000	0.00000	-2.9931	-0.50000	0.0	0.0	0.0
	-11.00000	12.00000	0.00000	-3.3878	-0.50000	0.0	0.0	0.0
	-10.00000	12.00000	0.00000	-3.8319	-0.50000	0.0	0.0	0.0
	-9.00000	12.00000	0.00000	-4.3333	-0.50000	0.0	0.0	0.0
	-8.00000	12.00000	0.00000	-4.9017	-0.50000	0.0	0.0	0.0
	-7.00000	12.00000	0.00000	-5.5491	-0.50000	0.0	0.0	0.0
	-6.00000	12.00000	0.00000	-6.2905	-0.50000	0.0	0.0	0.0
	-5.00000	12.00000	0.00000	-7.1449	-0.50000	0.0	0.0	0.0
	-4.00000	12.00000	0.00000	-8.1374	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-3.00000	12.00000	0.00000	-9.3012	-0.50000	0.0	0.0	0.0
	-2.00000	12.00000	0.00000	-10.684	-0.50000	0.0	0.0	0.0
	-1.00000	12.00000	0.00000	-12.358	-0.50000	0.0	0.0	0.0
	0.00000	12.00000	0.00000	-14.453	-0.50000	0.0	0.0	0.0
	1.00000	12.00000	0.00000	-17.249	-0.50000	0.0	0.0	0.0
	2.00000	12.00000	0.00000	-22.394	-0.50000	0.0	0.0	0.0
	3.00000	12.00000	0.00000	-27.508	-0.50000	0.0	0.0	0.0
	4.00000	12.00000	0.00000	-30.216	-0.50000	0.0	0.0	0.0
	5.00000	12.00000	0.00000	-32.183	-0.50000	0.0	0.0	0.0
	6.00000	12.00000	0.00000	-33.703	-0.50000	0.0	0.0	0.0
	7.00000	12.00000	0.00000	-34.920	-0.50000	0.0	0.0	0.0
	8.00000	12.00000	0.00000	-35.915	-0.50000	0.0	0.0	0.0
	9.00000	12.00000	0.00000	-36.741	-0.50000	0.0	0.0	0.0
	10.00000	12.00000	0.00000	-37.431	-0.50000	0.0	0.0	0.0
	11.00000	12.00000	0.00000	-38.010	-0.50000	0.0	0.0	0.0
	12.00000	12.00000	0.00000	-38.496	-0.50000	0.0	0.0	0.0
	13.00000	12.00000	0.00000	-38.902	-0.50000	0.0	0.0	0.0
	14.00000	12.00000	0.00000	-39.239	-0.50000	0.0	0.0	0.0
	15.00000	12.00000	0.00000	-39.513	-0.50000	0.0	0.0	0.0
	16.00000	12.00000	0.00000	-39.731	-0.50000	0.0	0.0	0.0
	17.00000	12.00000	0.00000	-39.896	-0.50000	0.0	0.0	0.0
	18.00000	12.00000	0.00000	-40.012	-0.50000	0.0	0.0	0.0
	19.00000	12.00000	0.00000	-40.081	-0.50000	0.0	0.0	0.0
	20.00000	12.00000	0.00000	-40.103	-0.50000	0.0	0.0	0.0
	21.00000	12.00000	0.00000	-40.078	-0.50000	0.0	0.0	0.0
	22.00000	12.00000	0.00000	-40.006	-0.50000	0.0	0.0	0.0
	23.00000	12.00000	0.00000	-39.886	-0.50000	0.0	0.0	0.0
	24.00000	12.00000	0.00000	-39.713	-0.50000	0.0	0.0	0.0
	25.00000	12.00000	0.00000	-39.485	-0.50000	0.0	0.0	0.0
	26.00000	12.00000	0.00000	-39.197	-0.50000	0.0	0.0	0.0
	27.00000	12.00000	0.00000	-38.842	-0.50000	0.0	0.0	0.0
	28.00000	12.00000	0.00000	-38.411	-0.50000	0.0	0.0	0.0
	29.00000	12.00000	0.00000	-37.895	-0.50000	0.0	0.0	0.0
	30.00000	12.00000	0.00000	-37.279	-0.50000	0.0	0.0	0.0
	31.00000	12.00000	0.00000	-36.544	-0.50000	0.0	0.0	0.0
	32.00000	12.00000	0.00000	-35.666	-0.50000	0.0	0.0	0.0
	33.00000	12.00000	0.00000	-34.611	-0.50000	0.0	0.0	0.0
	34.00000	12.00000	0.00000	-33.327	-0.50000	0.0	0.0	0.0
	35.00000	12.00000	0.00000	-31.734	-0.50000	0.0	0.0	0.0
	36.00000	12.00000	0.00000	-29.695	-0.50000	0.0	0.0	0.0
	37.00000	12.00000	0.00000	-26.918	-0.50000	0.0	0.0	0.0
	38.00000	12.00000	0.00000	-21.753	-0.50000	0.0	0.0	0.0
	39.00000	12.00000	0.00000	-16.584	-0.50000	0.0	0.0	0.0
	40.00000	12.00000	0.00000	-13.794	-0.50000	0.0	0.0	0.0
	41.00000	12.00000	0.00000	-11.732	-0.50000	0.0	0.0	0.0
	42.00000	12.00000	0.00000	-10.108	-0.50000	0.0	0.0	0.0
	43.00000	12.00000	0.00000	-8.7835	-0.50000	0.0	0.0	0.0
	44.00000	12.00000	0.00000	-7.6778	-0.50000	0.0	0.0	0.0
	45.00000	12.00000	0.00000	-6.7400	-0.50000	0.0	0.0	0.0
	46.00000	12.00000	0.00000	-5.9351	-0.50000	0.0	0.0	0.0
	47.00000	12.00000	0.00000	-5.2378	-0.50000	0.0	0.0	0.0
	48.00000	12.00000	0.00000	-4.6290	-0.50000	0.0	0.0	0.0
	49.00000	12.00000	0.00000	-4.0944	-0.50000	0.0	0.0	0.0
	50.00000	12.00000	0.00000	-3.6223	-0.50000	0.0	0.0	0.0
	51.00000	12.00000	0.00000	-3.2037	-0.50000	0.0	0.0	0.0
	52.00000	12.00000	0.00000	-2.8310	-0.50000	0.0	0.0	0.0
	53.00000	12.00000	0.00000	-2.4983	-0.50000	0.0	0.0	0.0
	54.00000	12.00000	0.00000	-2.2003	-0.50000	0.0	0.0	0.0
	55.00000	12.00000	0.00000	-1.9328	-0.50000	0.0	0.0	0.0
	56.00000	12.00000	0.00000	-1.6922	-0.50000	0.0	0.0	0.0
	57.00000	12.00000	0.00000	-1.4754	-0.50000	0.0	0.0	0.0
	58.00000	12.00000	0.00000	-1.2798	-0.50000	0.0	0.0	0.0
	59.00000	12.00000	0.00000	-1.1030	-0.50000	0.0	0.0	0.0
	60.00000	12.00000	0.00000	-0.94301	-0.50000	0.0	0.0	0.0
	-20.00000	13.00000	0.00000	-1.0187	-0.50000	0.0	0.0	0.0
	-19.00000	13.00000	0.00000	-1.1880	-0.50000	0.0	0.0	0.0
	-18.00000	13.00000	0.00000	-1.3754	-0.50000	0.0	0.0	0.0
	-17.00000	13.00000	0.00000	-1.5833	-0.50000	0.0	0.0	0.0
	-16.00000	13.00000	0.00000	-1.8140	-0.50000	0.0	0.0	0.0
	-15.00000	13.00000	0.00000	-2.0707	-0.50000	0.0	0.0	0.0
	-14.00000	13.00000	0.00000	-2.3567	-0.50000	0.0	0.0	0.0
	-13.00000	13.00000	0.00000	-2.6761	-0.50000	0.0	0.0	0.0
	-12.00000	13.00000	0.00000	-3.0336	-0.50000	0.0	0.0	0.0
	-11.00000	13.00000	0.00000	-3.4350	-0.50000	0.0	0.0	0.0
	-10.00000	13.00000	0.00000	-3.8871	-0.50000	0.0	0.0	0.0
	-9.00000	13.00000	0.00000	-4.3983	-0.50000	0.0	0.0	0.0
	-8.00000	13.00000	0.00000	-4.9786	-0.50000	0.0	0.0	0.0
	-7.00000	13.00000	0.00000	-5.6406	-0.50000	0.0	0.0	0.0
	-6.00000	13.00000	0.00000	-6.4001	-0.50000	0.0	0.0	0.0
	-5.00000	13.00000	0.00000	-7.2772	-0.50000	0.0	0.0	0.0
	-4.00000	13.00000	0.00000	-8.2980	-0.50000	0.0	0.0	0.0
	-3.00000	13.00000	0.00000	-9.4971	-0.50000	0.0	0.0	0.0
	-2.00000	13.00000	0.00000	-10.922	-0.50000	0.0	0.0	0.0
	-1.00000	13.00000	0.00000	-12.643	-0.50000	0.0	0.0	0.0
	0.00000	13.00000	0.00000	-14.780	-0.50000	0.0	0.0	0.0
	1.00000	13.00000	0.00000	-17.598	-0.50000	0.0	0.0	0.0
	2.00000	13.00000	0.00000	-22.737	-0.50000	0.0	0.0	0.0
	3.00000	13.00000	0.00000	-27.826	-0.50000	0.0	0.0	0.0
	4.00000	13.00000	0.00000	-30.504	-0.50000	0.0	0.0	0.0
	5.00000	13.00000	0.00000	-32.443	-0.50000	0.0	0.0	0.0
	6.00000	13.00000	0.00000	-33.942	-0.50000	0.0	0.0	0.0
	7.00000	13.00000	0.00000	-35.144	-0.50000	0.0	0.0	0.0
	8.00000	13.00000	0.00000	-36.129	-0.50000	0.0	0.0	0.0
	9.00000	13.00000	0.00000	-36.948	-0.50000	0.0	0.0	0.0
	10.00000	13.00000	0.00000	-37.634	-0.50000	0.0	0.0	0.0
	11.00000	13.00000	0.00000	-38.211	-0.50000	0.0	0.0	0.0
	12.00000	13.00000	0.00000	-38.696	-0.50000	0.0	0.0	0.0
	13.00000	13.00000	0.00000	-39.102	-0.50000	0.0	0.0	0.0
	14.00000	13.00000	0.00000	-39.439	-0.50000	0.0	0.0	0.0
	15.00000	13.00000	0.00000	-39.714	-0.50000	0.0	0.0	0.0
	16.00000	13.00000	0.00000	-39.933	-0.50000	0.0	0.0	0.0
	17.00000	13.00000	0.00000	-40.099	-0.50000	0.0	0.0	0.0
	18.00000	13.00000	0.00000	-40.217	-0.50000	0.0	0.0	0.0
	19.00000	13.00000	0.00000	-40.287	-0.50000	0.0	0.0	0.0
	20.00000	13.00000	0.00000	-40.310	-0.50000	0.0	0.0	0.0
	21.00000	13.00000	0.00000	-40.287	-0.50000	0.0	0.0	0.0
	22.00000	13.00000	0.00000	-40.216	-0.50000	0.0	0.0	0.0
	23.00000	13.00000	0.00000	-40.096	-0.50000	0.0	0.0	0.0
	24.00000	13.00000	0.00000	-39.923	-0.50000	0.0	0.0	0.0
	25.00000	13.00000	0.00000	-39.695	-0.50000	0.0	0.0	0.0
	26.00000	13.00000	0.00000	-39.405	-0.50000	0.0	0.0	0.0
	27.00000	13.00000	0.00000	-39.048	-0.50000	0.0	0.0	0.0
	28.00000	13.00000	0.00000	-38.615	-0.50000	0.0	0.0	0.0
	29.00000	13.00000	0.00000	-38.096	-0.50000	0.0	0.0	0.0
	30.00000	13.00000	0.00000	-37.475	-0.50000	0.0	0.0	0.0
	31.00000	13.00000	0.00000	-36.735	-0.50000	0.0	0.0	0.0
	32.00000	13.00000	0.00000	-35.852	-0.50000	0.0	0.0	0.0
	33.00000	13.00000	0.00000	-34.789	-0.50000	0.0	0.0	0.0
	34.00000	13.00000	0.00000	-33.497	-0.50000	0.0	0.0	0.0
	35.00000	13.00000	0.00000	-31.896	-0.50000	0.0	0.0	0.0
	36.00000	13.00000	0.00000	-29.847	-0.50000	0.0	0.0	0.0
	37.00000	13.00000	0.00000	-27.061	-0.50000	0.0	0.0	0.0
	38.00000	13.00000	0.00000	-21.886	-0.50000	0.0	0.0	0.0
	39.00000	13.00000	0.00000	-16.706	-0.50000	0.0	0.0	0.0
	40.00000	13.00000	0.00000	-13.906	-0.50000	0.0	0.0	0.0
	41.00000	13.00000	0.00000	-11.834	-0.50000	0.0	0.0	0.0
	42.00000	13.00000	0.00000	-10.201	-0.50000	0.0	0.0	0.0
	43.00000	13.00000	0.00000	-8.8670	-0.50000	0.0	0.0	0.0
	44.00000	13.00000	0.00000	-7.7528	-0.50000	0.0	0.0	0.0
	45.00000	13.00000	0.00000	-6.8072	-0.50000	0.0	0.0	0.0
	46.00000	13.00000	0.00000	-5.9951	-0.50000	0.0	0.0	0.0
	47.00000	13.00000	0.00000	-5.2913	-0.50000	0.0	0.0	0.0
	48.00000	13.00000	0.00000	-4.6767	-0.50000	0.0	0.0	0.0
	49.00000	13.00000	0.00000	-4.1367	-0.50000	0.0	0.0	0.0
	50.00000	13.00000	0.00000	-3.6599	-0.50000	0.0	0.0	0.0
	51.00000	13.00000	0.00000	-3.2371	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	57.00000	13.00000	0.00000	-1.4919	-0.50000	0.0	0.0	0.0
	58.00000	13.00000	0.00000	-1.2944	-0.50000	0.0	0.0	0.0
	59.00000	13.00000	0.00000	-1.1160	-0.50000	0.0	0.0	0.0
	60.00000	13.00000	0.00000	-0.95464	-0.50000	0.0	0.0	0.0
	-20.00000	14.00000	0.00000	-1.0282	-0.50000	0.0	0.0	0.0
	-19.00000	14.00000	0.00000	-1.1988	-0.50000	0.0	0.0	0.0
	-18.00000	14.00000	0.00000	-1.3879	-0.50000	0.0	0.0	0.0
	-17.00000	14.00000	0.00000	-1.5976	-0.50000	0.0	0.0	0.0
	-16.00000	14.00000	0.00000	-1.8307	-0.50000	0.0	0.0	0.0
	-15.00000	14.00000	0.00000	-2.0900	-0.50000	0.0	0.0	0.0
	-14.00000	14.00000	0.00000	-2.3791	-0.50000	0.0	0.0	0.0
	-13.00000	14.00000	0.00000	-2.7023	-0.50000	0.0	0.0	0.0
	-12.00000	14.00000	0.00000	-3.0645	-0.50000	0.0	0.0	0.0
	-11.00000	14.00000	0.00000	-3.4716	-0.50000	0.0	0.0	0.0
	-10.00000	14.00000	0.00000	-3.9307	-0.50000	0.0	0.0	0.0
	-9.00000	14.00000	0.00000	-4.4505	-0.50000	0.0	0.0	0.0
	-8.00000	14.00000	0.00000	-5.0416	-0.50000	0.0	0.0	0.0
	-7.00000	14.00000	0.00000	-5.7176	-0.50000	0.0	0.0	0.0
	-6.00000	14.00000	0.00000	-6.4952	-0.50000	0.0	0.0	0.0
	-5.00000	14.00000	0.00000	-7.3962	-0.50000	0.0	0.0	0.0
	-4.00000	14.00000	0.00000	-8.4494	-0.50000	0.0	0.0	0.0
	-3.00000	14.00000	0.00000	-9.6932	-0.50000	0.0	0.0	0.0
	-2.00000	14.00000	0.00000	-11.180	-0.50000	0.0	0.0	0.0
	-1.00000	14.00000	0.00000	-12.980	-0.50000	0.0	0.0	0.0
	0.00000	14.00000	0.00000	-15.199	-0.50000	0.0	0.0	0.0
	1.00000	14.00000	0.00000	-18.057	-0.50000	0.0	0.0	0.0
	2.00000	14.00000	0.00000	-23.165	-0.50000	0.0	0.0	0.0
	3.00000	14.00000	0.00000	-28.181	-0.50000	0.0	0.0	0.0
	4.00000	14.00000	0.00000	-30.787	-0.50000	0.0	0.0	0.0
	5.00000	14.00000	0.00000	-32.673	-0.50000	0.0	0.0	0.0
	6.00000	14.00000	0.00000	-34.135	-0.50000	0.0	0.0	0.0
	7.00000	14.00000	0.00000	-35.312	-0.50000	0.0	0.0	0.0
	8.00000	14.00000	0.00000	-36.280	-0.50000	0.0	0.0	0.0
	9.00000	14.00000	0.00000	-37.088	-0.50000	0.0	0.0	0.0
	10.00000	14.00000	0.00000	-37.766	-0.50000	0.0	0.0	0.0
	11.00000	14.00000	0.00000	-38.337	-0.50000	0.0	0.0	0.0
	12.00000	14.00000	0.00000	-38.819	-0.50000	0.0	0.0	0.0
	13.00000	14.00000	0.00000	-39.223	-0.50000	0.0	0.0	0.0
	14.00000	14.00000	0.00000	-39.559	-0.50000	0.0	0.0	0.0
	15.00000	14.00000	0.00000	-39.835	-0.50000	0.0	0.0	0.0
	16.00000	14.00000	0.00000	-40.054	-0.50000	0.0	0.0	0.0
	17.00000	14.00000	0.00000	-40.222	-0.50000	0.0	0.0	0.0
	18.00000	14.00000	0.00000	-40.341	-0.50000	0.0	0.0	0.0
	19.00000	14.00000	0.00000	-40.412	-0.50000	0.0	0.0	0.0
	20.00000	14.00000	0.00000	-40.437	-0.50000	0.0	0.0	0.0
	21.00000	14.00000	0.00000	-40.416	-0.50000	0.0	0.0	0.0
	22.00000	14.00000	0.00000	-40.346	-0.50000	0.0	0.0	0.0
	23.00000	14.00000	0.00000	-40.228	-0.50000	0.0	0.0	0.0
	24.00000	14.00000	0.00000	-40.056	-0.50000	0.0	0.0	0.0
	25.00000	14.00000	0.00000	-39.829	-0.50000	0.0	0.0	0.0
	26.00000	14.00000	0.00000	-39.540	-0.50000	0.0	0.0	0.0
	27.00000	14.00000	0.00000	-39.182	-0.50000	0.0	0.0	0.0
	28.00000	14.00000	0.00000	-38.749	-0.50000	0.0	0.0	0.0
	29.00000	14.00000	0.00000	-38.227	-0.50000	0.0	0.0	0.0
	30.00000	14.00000	0.00000	-37.605	-0.50000	0.0	0.0	0.0
	31.00000	14.00000	0.00000	-36.862	-0.50000	0.0	0.0	0.0
	32.00000	14.00000	0.00000	-35.975	-0.50000	0.0	0.0	0.0
	33.00000	14.00000	0.00000	-34.908	-0.50000	0.0	0.0	0.0
	34.00000	14.00000	0.00000	-33.611	-0.50000	0.0	0.0	0.0
	35.00000	14.00000	0.00000	-32.005	-0.50000	0.0	0.0	0.0
	36.00000	14.00000	0.00000	-29.950	-0.50000	0.0	0.0	0.0
	37.00000	14.00000	0.00000	-27.158	-0.50000	0.0	0.0	0.0
	38.00000	14.00000	0.00000	-21.976	-0.50000	0.0	0.0	0.0
	39.00000	14.00000	0.00000	-16.789	-0.50000	0.0	0.0	0.0
	40.00000	14.00000	0.00000	-13.983	-0.50000	0.0	0.0	0.0
	41.00000	14.00000	0.00000	-11.904	-0.50000	0.0	0.0	0.0
	42.00000	14.00000	0.00000	-10.265	-0.50000	0.0	0.0	0.0
	43.00000	14.00000	0.00000	-8.9246	-0.50000	0.0	0.0	0.0
	44.00000	14.00000	0.00000	-7.8047	-0.50000	0.0	0.0	0.0
	45.00000	14.00000	0.00000	-6.8538	-0.50000	0.0	0.0	0.0
	46.00000	14.00000	0.00000	-6.0368	-0.50000	0.0	0.0	0.0
	47.00000	14.00000	0.00000	-5.3285	-0.50000	0.0	0.0	0.0
	48.00000	14.00000	0.00000	-4.7099	-0.50000	0.0	0.0	0.0
	49.00000	14.00000	0.00000	-4.1663	-0.50000	0.0	0.0	0.0
	50.00000	14.00000	0.00000	-3.6862	-0.50000	0.0	0.0	0.0
	51.00000	14.00000	0.00000	-3.2605	-0.50000	0.0	0.0	0.0
	52.00000	14.00000	0.00000	-2.8815	-0.50000	0.0	0.0	0.0
	53.00000	14.00000	0.00000	-2.5431	-0.50000	0.0	0.0	0.0
	54.00000	14.00000	0.00000	-2.2402	-0.50000	0.0	0.0	0.0
	55.00000	14.00000	0.00000	-1.9683	-0.50000	0.0	0.0	0.0
	56.00000	14.00000	0.00000	-1.7237	-0.50000	0.0	0.0	0.0
	57.00000	14.00000	0.00000	-1.5035	-0.50000	0.0	0.0	0.0
	58.00000	14.00000	0.00000	-1.3047	-0.50000	0.0	0.0	0.0
	59.00000	14.00000	0.00000	-1.1252	-0.50000	0.0	0.0	0.0
	60.00000	14.00000	0.00000	-0.96279	-0.50000	0.0	0.0	0.0
	-20.00000	15.00000	0.00000	-1.0337	-0.50000	0.0	0.0	0.0
	-19.00000	15.00000	0.00000	-1.2053	-0.50000	0.0	0.0	0.0
	-18.00000	15.00000	0.00000	-1.3954	-0.50000	0.0	0.0	0.0
	-17.00000	15.00000	0.00000	-1.6064	-0.50000	0.0	0.0	0.0
	-16.00000	15.00000	0.00000	-1.8410	-0.50000	0.0	0.0	0.0
	-15.00000	15.00000	0.00000	-2.1022	-0.50000	0.0	0.0	0.0
	-14.00000	15.00000	0.00000	-2.3937	-0.50000	0.0	0.0	0.0
	-13.00000	15.00000	0.00000	-2.7197	-0.50000	0.0	0.0	0.0
	-12.00000	15.00000	0.00000	-3.0854	-0.50000	0.0	0.0	0.0
	-11.00000	15.00000	0.00000	-3.4970	-0.50000	0.0	0.0	0.0
	-10.00000	15.00000	0.00000	-3.9618	-0.50000	0.0	0.0	0.0
	-9.00000	15.00000	0.00000	-4.4889	-0.50000	0.0	0.0	0.0
	-8.00000	15.00000	0.00000	-5.0897	-0.50000	0.0	0.0	0.0
	-7.00000	15.00000	0.00000	-5.7786	-0.50000	0.0	0.0	0.0
	-6.00000	15.00000	0.00000	-6.5738	-0.50000	0.0	0.0	0.0
	-5.00000	15.00000	0.00000	-7.4997	-0.50000	0.0	0.0	0.0
	-4.00000	15.00000	0.00000	-8.5891	-0.50000	0.0	0.0	0.0
	-3.00000	15.00000	0.00000	-9.8884	-0.50000	0.0	0.0	0.0
	-2.00000	15.00000	0.00000	-11.465	-0.50000	0.0	0.0	0.0
	-1.00000	15.00000	0.00000	-13.416	-0.50000	0.0	0.0	0.0
	0.00000	15.00000	0.00000	-15.852	-0.50000	0.0	0.0	0.0
	1.00000	15.00000	0.00000	-18.832	-0.50000	0.0	0.0	0.0
	2.00000	15.00000	0.00000	-23.819	-0.50000	0.0	0.0	0.0
	3.00000	15.00000	0.00000	-28.619	-0.50000	0.0	0.0	0.0
	4.00000	15.00000	0.00000	-31.076	-0.50000	0.0	0.0	0.0
	5.00000	15.00000	0.00000	-32.873	-0.50000	0.0	0.0	0.0
	6.00000	15.00000	0.00000	-34.281	-0.50000	0.0	0.0	0.0
	7.00000	15.00000	0.00000	-35.423	-0.50000	0.0	0.0	0.0
	8.00000	15.00000	0.00000	-36.368	-0.50000	0.0	0.0	0.0
	9.00000	15.00000	0.00000	-37.160	-0.50000	0.0	0.0	0.0
	10.00000	15.00000	0.00000	-37.827	-0.50000	0.0	0.0	0.0
	11.00000	15.00000	0.00000	-38.391	-0.50000	0.0	0.0	0.0
	12.00000	15.00000	0.00000	-38.867	-0.50000	0.0	0.0	0.0
	13.00000	15.00000	0.00000	-39.268	-0.50000	0.0	0.0	0.0
	14.00000	15.00000	0.00000	-39.602	-0.50000	0.0	0.0	0.0
	15.00000	15.00000	0.00000	-39.877	-0.50000	0.0	0.0	0.0
	16.00000	15.00000	0.00000	-40.096	-0.50000	0.0	0.0	0.0
	17.00000	15.00000	0.00000	-40.265	-0.50000	0.0	0.0	0.0
	18.00000	15.00000	0.00000	-40.385	-0.50000	0.0	0.0	0.0
	19.00000	15.00000	0.00000	-40.459	-0.50000	0.0	0.0	0.0
	20.00000	15.00000	0.00000	-40.486	-0.50000	0.0	0.0	0.0
	21.00000	15.00000	0.00000	-40.467	-0.50000	0.0	0.0	0.0
	22.00000	15.00000	0.00000	-40.400	-0.50000	0.0	0.0	0.0
	23.00000	15.00000	0.00000	-40.284	-0.50000	0.0	0.0	0.0
	24.00000	15.00000	0.00000	-40.115	-0.50000	0.0	0.0	0.0
	25.00000	15.00000	0.00000	-39.890	-0.50000	0.0	0.0	0.0
	26.00000	15.00000	0.00000	-39.603	-0.50000	0.0	0.0	0.0
	27.00000	15.00000	0.00000	-39.247	-0.50000	0.0	0.0	0.0
	28.00000	15.00000	0.00000	-38.814	-0.50000	0.0	0.0	0.0
	29.00000	15.00000	0.00000	-38.293	-0.50000	0.0	0.0	0.0
	30.00000	15.00000	0.00000	-37.671	-0.50000	0.0	0.0	0.0
	31.00000	15.00000	0.00000	-36.928	-0.50000	0.0	0.0	0.0
	32.00000	15.00000	0.00000	-36.040	-0.50000	0.0	0.0	0.0
	33.00000	15.00000	0.00000	-34.971	-0.50000	0.0	0.0	0.0
	34.00000	15.00000	0.00000	-33.672	-0.50000	0.0	0.0	0.0
	35.00000	15.00000	0.00000	-32.064	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	36.00000	15.00000	0.00000	-30.006	-0.50000	0.0	0.0	0.0
	37.00000	15.00000	0.00000	-27.210	-0.50000	0.0	0.0	0.0
	38.00000	15.00000	0.00000	-22.025	-0.50000	0.0	0.0	0.0
	39.00000	15.00000	0.00000	-16.835	-0.50000	0.0	0.0	0.0
	40.00000	15.00000	0.00000	-14.025	-0.50000	0.0	0.0	0.0
	41.00000	15.00000	0.00000	-11.943	-0.50000	0.0	0.0	0.0
	42.00000	15.00000	0.00000	-10.300	-0.50000	0.0	0.0	0.0
	43.00000	15.00000	0.00000	-8.9569	-0.50000	0.0	0.0	0.0
	44.00000	15.00000	0.00000	-7.8338	-0.50000	0.0	0.0	0.0
	45.00000	15.00000	0.00000	-6.8800	-0.50000	0.0	0.0	0.0
	46.00000	15.00000	0.00000	-6.0603	-0.50000	0.0	0.0	0.0
	47.00000	15.00000	0.00000	-5.3495	-0.50000	0.0	0.0	0.0
	48.00000	15.00000	0.00000	-4.7286	-0.50000	0.0	0.0	0.0
	49.00000	15.00000	0.00000	-4.1830	-0.50000	0.0	0.0	0.0
	50.00000	15.00000	0.00000	-3.7011	-0.50000	0.0	0.0	0.0
	51.00000	15.00000	0.00000	-3.2737	-0.50000	0.0	0.0	0.0
	52.00000	15.00000	0.00000	-2.8933	-0.50000	0.0	0.0	0.0
	53.00000	15.00000	0.00000	-2.5536	-0.50000	0.0	0.0	0.0
	54.00000	15.00000	0.00000	-2.2495	-0.50000	0.0	0.0	0.0
	55.00000	15.00000	0.00000	-1.9765	-0.50000	0.0	0.0	0.0
	56.00000	15.00000	0.00000	-1.7311	-0.50000	0.0	0.0	0.0
	57.00000	15.00000	0.00000	-1.5100	-0.50000	0.0	0.0	0.0
	58.00000	15.00000	0.00000	-1.3105	-0.50000	0.0	0.0	0.0
	59.00000	15.00000	0.00000	-1.1304	-0.50000	0.0	0.0	0.0
	60.00000	15.00000	0.00000	-0.96740	-0.50000	0.0	0.0	0.0
	-20.00000	16.00000	0.00000	-1.0352	-0.50000	0.0	0.0	0.0
	-19.00000	16.00000	0.00000	-1.2072	-0.50000	0.0	0.0	0.0
	-18.00000	16.00000	0.00000	-1.3978	-0.50000	0.0	0.0	0.0
	-17.00000	16.00000	0.00000	-1.6095	-0.50000	0.0	0.0	0.0
	-16.00000	16.00000	0.00000	-1.8449	-0.50000	0.0	0.0	0.0
	-15.00000	16.00000	0.00000	-2.1071	-0.50000	0.0	0.0	0.0
	-14.00000	16.00000	0.00000	-2.4000	-0.50000	0.0	0.0	0.0
	-13.00000	16.00000	0.00000	-2.7278	-0.50000	0.0	0.0	0.0
	-12.00000	16.00000	0.00000	-3.0959	-0.50000	0.0	0.0	0.0
	-11.00000	16.00000	0.00000	-3.5106	-0.50000	0.0	0.0	0.0
	-10.00000	16.00000	0.00000	-3.9796	-0.50000	0.0	0.0	0.0
	-9.00000	16.00000	0.00000	-4.5125	-0.50000	0.0	0.0	0.0
	-8.00000	16.00000	0.00000	-5.1213	-0.50000	0.0	0.0	0.0
	-7.00000	16.00000	0.00000	-5.8214	-0.50000	0.0	0.0	0.0
	-6.00000	16.00000	0.00000	-6.6329	-0.50000	0.0	0.0	0.0
	-5.00000	16.00000	0.00000	-7.5830	-0.50000	0.0	0.0	0.0
	-4.00000	16.00000	0.00000	-8.7101	-0.50000	0.0	0.0	0.0
	-3.00000	16.00000	0.00000	-10.072	-0.50000	0.0	0.0	0.0
	-2.00000	16.00000	0.00000	-11.764	-0.50000	0.0	0.0	0.0
	-1.00000	16.00000	0.00000	-13.971	-0.50000	0.0	0.0	0.0
	0.00000	16.00000	0.00000	-17.589	-0.50000	0.0	0.0	0.0
	1.00000	16.00000	0.00000	-21.570	-0.50000	0.0	0.0	0.0
	2.00000	16.00000	0.00000	-25.550	-0.50000	0.0	0.0	0.0
	3.00000	16.00000	0.00000	-29.161	-0.50000	0.0	0.0	0.0
	4.00000	16.00000	0.00000	-31.357	-0.50000	0.0	0.0	0.0
	5.00000	16.00000	0.00000	-33.032	-0.50000	0.0	0.0	0.0
	6.00000	16.00000	0.00000	-34.373	-0.50000	0.0	0.0	0.0
	7.00000	16.00000	0.00000	-35.473	-0.50000	0.0	0.0	0.0
	8.00000	16.00000	0.00000	-36.390	-0.50000	0.0	0.0	0.0
	9.00000	16.00000	0.00000	-37.162	-0.50000	0.0	0.0	0.0
	10.00000	16.00000	0.00000	-37.815	-0.50000	0.0	0.0	0.0
	11.00000	16.00000	0.00000	-38.370	-0.50000	0.0	0.0	0.0
	12.00000	16.00000	0.00000	-38.840	-0.50000	0.0	0.0	0.0
	13.00000	16.00000	0.00000	-39.236	-0.50000	0.0	0.0	0.0
	14.00000	16.00000	0.00000	-39.567	-0.50000	0.0	0.0	0.0
	15.00000	16.00000	0.00000	-39.840	-0.50000	0.0	0.0	0.0
	16.00000	16.00000	0.00000	-40.060	-0.50000	0.0	0.0	0.0
	17.00000	16.00000	0.00000	-40.229	-0.50000	0.0	0.0	0.0
	18.00000	16.00000	0.00000	-40.351	-0.50000	0.0	0.0	0.0
	19.00000	16.00000	0.00000	-40.427	-0.50000	0.0	0.0	0.0
	20.00000	16.00000	0.00000	-40.458	-0.50000	0.0	0.0	0.0
	21.00000	16.00000	0.00000	-40.442	-0.50000	0.0	0.0	0.0
	22.00000	16.00000	0.00000	-40.379	-0.50000	0.0	0.0	0.0
	23.00000	16.00000	0.00000	-40.266	-0.50000	0.0	0.0	0.0
	24.00000	16.00000	0.00000	-40.101	-0.50000	0.0	0.0	0.0
	25.00000	16.00000	0.00000	-39.880	-0.50000	0.0	0.0	0.0
	26.00000	16.00000	0.00000	-39.596	-0.50000	0.0	0.0	0.0
	27.00000	16.00000	0.00000	-39.244	-0.50000	0.0	0.0	0.0
	28.00000	16.00000	0.00000	-38.814	-0.50000	0.0	0.0	0.0
	29.00000	16.00000	0.00000	-38.296	-0.50000	0.0	0.0	0.0
	30.00000	16.00000	0.00000	-37.675	-0.50000	0.0	0.0	0.0
	31.00000	16.00000	0.00000	-36.934	-0.50000	0.0	0.0	0.0
	32.00000	16.00000	0.00000	-36.047	-0.50000	0.0	0.0	0.0
	33.00000	16.00000	0.00000	-34.980	-0.50000	0.0	0.0	0.0
	34.00000	16.00000	0.00000	-33.682	-0.50000	0.0	0.0	0.0
	35.00000	16.00000	0.00000	-32.074	-0.50000	0.0	0.0	0.0
	36.00000	16.00000	0.00000	-30.016	-0.50000	0.0	0.0	0.0
	37.00000	16.00000	0.00000	-27.221	-0.50000	0.0	0.0	0.0
	38.00000	16.00000	0.00000	-22.035	-0.50000	0.0	0.0	0.0
	39.00000	16.00000	0.00000	-16.845	-0.50000	0.0	0.0	0.0
	40.00000	16.00000	0.00000	-14.035	-0.50000	0.0	0.0	0.0
	41.00000	16.00000	0.00000	-11.952	-0.50000	0.0	0.0	0.0
	42.00000	16.00000	0.00000	-10.308	-0.50000	0.0	0.0	0.0
	43.00000	16.00000	0.00000	-8.9641	-0.50000	0.0	0.0	0.0
	44.00000	16.00000	0.00000	-7.8404	-0.50000	0.0	0.0	0.0
	45.00000	16.00000	0.00000	-6.8859	-0.50000	0.0	0.0	0.0
	46.00000	16.00000	0.00000	-6.0657	-0.50000	0.0	0.0	0.0
	47.00000	16.00000	0.00000	-5.3543	-0.50000	0.0	0.0	0.0
	48.00000	16.00000	0.00000	-4.7329	-0.50000	0.0	0.0	0.0
	49.00000	16.00000	0.00000	-4.1868	-0.50000	0.0	0.0	0.0
	50.00000	16.00000	0.00000	-3.7045	-0.50000	0.0	0.0	0.0
	51.00000	16.00000	0.00000	-3.2768	-0.50000	0.0	0.0	0.0
	52.00000	16.00000	0.00000	-2.8960	-0.50000	0.0	0.0	0.0
	53.00000	16.00000	0.00000	-2.5560	-0.50000	0.0	0.0	0.0
	54.00000	16.00000	0.00000	-2.2516	-0.50000	0.0	0.0	0.0
	55.00000	16.00000	0.00000	-1.9784	-0.50000	0.0	0.0	0.0
	56.00000	16.00000	0.00000	-1.7328	-0.50000	0.0	0.0	0.0
	57.00000	16.00000	0.00000	-1.5115	-0.50000	0.0	0.0	0.0
	58.00000	16.00000	0.00000	-1.3119	-0.50000	0.0	0.0	0.0
	59.00000	16.00000	0.00000	-1.1315	-0.50000	0.0	0.0	0.0
	60.00000	16.00000	0.00000	-0.96846	-0.50000	0.0	0.0	0.0
	-20.00000	17.00000	0.00000	-1.0327	-0.50000	0.0	0.0	0.0
	-19.00000	17.00000	0.00000	-1.2045	-0.50000	0.0	0.0	0.0
	-18.00000	17.00000	0.00000	-1.3951	-0.50000	0.0	0.0	0.0
	-17.00000	17.00000	0.00000	-1.6067	-0.50000	0.0	0.0	0.0
	-16.00000	17.00000	0.00000	-1.8421	-0.50000	0.0	0.0	0.0
	-15.00000	17.00000	0.00000	-2.1045	-0.50000	0.0	0.0	0.0
	-14.00000	17.00000	0.00000	-2.3977	-0.50000	0.0	0.0	0.0
	-13.00000	17.00000	0.00000	-2.7262	-0.50000	0.0	0.0	0.0
	-12.00000	17.00000	0.00000	-3.0954	-0.50000	0.0	0.0	0.0
	-11.00000	17.00000	0.00000	-3.5118	-0.50000	0.0	0.0	0.0
	-10.00000	17.00000	0.00000	-3.9834	-0.50000	0.0	0.0	0.0
	-9.00000	17.00000	0.00000	-4.5202	-0.50000	0.0	0.0	0.0
	-8.00000	17.00000	0.00000	-5.1348	-0.50000	0.0	0.0	0.0
	-7.00000	17.00000	0.00000	-5.8438	-0.50000	0.0	0.0	0.0
	-6.00000	17.00000	0.00000	-6.6688	-0.50000	0.0	0.0	0.0
	-5.00000	17.00000	0.00000	-7.6401	-0.50000	0.0	0.0	0.0
	-4.00000	17.00000	0.00000	-8.8016	-0.50000	0.0	0.0	0.0
	-3.00000	17.00000	0.00000	-10.223	-0.50000	0.0	0.0	0.0
	-2.00000	17.00000	0.00000	-12.027	-0.50000	0.0	0.0	0.0
	-1.00000	17.00000	0.00000	-14.485	-0.50000	0.0	0.0	0.0
	0.00000	17.00000	0.00000	-19.281	-0.50000	0.0	0.0	0.0
	1.00000	17.00000	0.00000	-24.260	-0.50000	0.0	0.0	0.0
	2.00000	17.00000	0.00000	-27.228	-0.50000	0.0	0.0	0.0
	3.00000	17.00000	0.00000	-29.647	-0.50000	0.0	0.0	0.0
	4.00000	17.00000	0.00000	-31.577	-0.50000	0.0	0.0	0.0
	5.00000	17.00000	0.00000	-33.129	-0.50000	0.0	0.0	0.0
	6.00000	17.00000	0.00000	-34.398	-0.50000	0.0	0.0	0.0
	7.00000	17.00000	0.00000	-35.454	-0.50000	0.0	0.0	0.0
	8.00000	17.00000	0.00000	-36.340	-0.50000	0.0	0.0	0.0
	9.00000	17.00000	0.00000	-37.090

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	15.00000	17.00000	0.00000	-39.723	-0.50000	0.0	0.0	0.0
	16.00000	17.00000	0.00000	-39.942	-0.50000	0.0	0.0	0.0
	17.00000	17.00000	0.00000	-40.113	-0.50000	0.0	0.0	0.0
	18.00000	17.00000	0.00000	-40.237	-0.50000	0.0	0.0	0.0
	19.00000	17.00000	0.00000	-40.316	-0.50000	0.0	0.0	0.0
	20.00000	17.00000	0.00000	-40.350	-0.50000	0.0	0.0	0.0
	21.00000	17.00000	0.00000	-40.339	-0.50000	0.0	0.0	0.0
	22.00000	17.00000	0.00000	-40.281	-0.50000	0.0	0.0	0.0
	23.00000	17.00000	0.00000	-40.174	-0.50000	0.0	0.0	0.0
	24.00000	17.00000	0.00000	-40.014	-0.50000	0.0	0.0	0.0
	25.00000	17.00000	0.00000	-39.798	-0.50000	0.0	0.0	0.0
	26.00000	17.00000	0.00000	-39.520	-0.50000	0.0	0.0	0.0
	27.00000	17.00000	0.00000	-39.173	-0.50000	0.0	0.0	0.0
	28.00000	17.00000	0.00000	-38.748	-0.50000	0.0	0.0	0.0
	29.00000	17.00000	0.00000	-38.235	-0.50000	0.0	0.0	0.0
	30.00000	17.00000	0.00000	-37.619	-0.50000	0.0	0.0	0.0
	31.00000	17.00000	0.00000	-36.882	-0.50000	0.0	0.0	0.0
	32.00000	17.00000	0.00000	-35.999	-0.50000	0.0	0.0	0.0
	33.00000	17.00000	0.00000	-34.935	-0.50000	0.0	0.0	0.0
	34.00000	17.00000	0.00000	-33.641	-0.50000	0.0	0.0	0.0
	35.00000	17.00000	0.00000	-32.036	-0.50000	0.0	0.0	0.0
	36.00000	17.00000	0.00000	-29.981	-0.50000	0.0	0.0	0.0
	37.00000	17.00000	0.00000	-27.189	-0.50000	0.0	0.0	0.0
	38.00000	17.00000	0.00000	-22.006	-0.50000	0.0	0.0	0.0
	39.00000	17.00000	0.00000	-16.818	-0.50000	0.0	0.0	0.0
	40.00000	17.00000	0.00000	-14.010	-0.50000	0.0	0.0	0.0
	41.00000	17.00000	0.00000	-11.930	-0.50000	0.0	0.0	0.0
	42.00000	17.00000	0.00000	-10.288	-0.50000	0.0	0.0	0.0
	43.00000	17.00000	0.00000	-8.9464	-0.50000	0.0	0.0	0.0
	44.00000	17.00000	0.00000	-7.8245	-0.50000	0.0	0.0	0.0
	45.00000	17.00000	0.00000	-6.8717	-0.50000	0.0	0.0	0.0
	46.00000	17.00000	0.00000	-6.0530	-0.50000	0.0	0.0	0.0
	47.00000	17.00000	0.00000	-5.3430	-0.50000	0.0	0.0	0.0
	48.00000	17.00000	0.00000	-4.7228	-0.50000	0.0	0.0	0.0
	49.00000	17.00000	0.00000	-4.1778	-0.50000	0.0	0.0	0.0
	50.00000	17.00000	0.00000	-3.6965	-0.50000	0.0	0.0	0.0
	51.00000	17.00000	0.00000	-3.2696	-0.50000	0.0	0.0	0.0
	52.00000	17.00000	0.00000	-2.8896	-0.50000	0.0	0.0	0.0
	53.00000	17.00000	0.00000	-2.5503	-0.50000	0.0	0.0	0.0
	54.00000	17.00000	0.00000	-2.2465	-0.50000	0.0	0.0	0.0
	55.00000	17.00000	0.00000	-1.9739	-0.50000	0.0	0.0	0.0
	56.00000	17.00000	0.00000	-1.7288	-0.50000	0.0	0.0	0.0
	57.00000	17.00000	0.00000	-1.5079	-0.50000	0.0	0.0	0.0
	58.00000	17.00000	0.00000	-1.3087	-0.50000	0.0	0.0	0.0
	59.00000	17.00000	0.00000	-1.1287	-0.50000	0.0	0.0	0.0
	60.00000	17.00000	0.00000	-0.96594	-0.50000	0.0	0.0	0.0
	-20.00000	18.00000	0.00000	-1.0261	-0.50000	0.0	0.0	0.0
	-19.00000	18.00000	0.00000	-1.1973	-0.50000	0.0	0.0	0.0
	-18.00000	18.00000	0.00000	-1.3871	-0.50000	0.0	0.0	0.0
	-17.00000	18.00000	0.00000	-1.5980	-0.50000	0.0	0.0	0.0
	-16.00000	18.00000	0.00000	-1.8327	-0.50000	0.0	0.0	0.0
	-15.00000	18.00000	0.00000	-2.0943	-0.50000	0.0	0.0	0.0
	-14.00000	18.00000	0.00000	-2.3869	-0.50000	0.0	0.0	0.0
	-13.00000	18.00000	0.00000	-2.7148	-0.50000	0.0	0.0	0.0
	-12.00000	18.00000	0.00000	-3.0836	-0.50000	0.0	0.0	0.0
	-11.00000	18.00000	0.00000	-3.5000	-0.50000	0.0	0.0	0.0
	-10.00000	18.00000	0.00000	-3.9723	-0.50000	0.0	0.0	0.0
	-9.00000	18.00000	0.00000	-4.5107	-0.50000	0.0	0.0	0.0
	-8.00000	18.00000	0.00000	-5.1286	-0.50000	0.0	0.0	0.0
	-7.00000	18.00000	0.00000	-5.8431	-0.50000	0.0	0.0	0.0
	-6.00000	18.00000	0.00000	-6.6777	-0.50000	0.0	0.0	0.0
	-5.00000	18.00000	0.00000	-7.6649	-0.50000	0.0	0.0	0.0
	-4.00000	18.00000	0.00000	-8.8529	-0.50000	0.0	0.0	0.0
	-3.00000	18.00000	0.00000	-10.319	-0.50000	0.0	0.0	0.0
	-2.00000	18.00000	0.00000	-12.202	-0.50000	0.0	0.0	0.0
	-1.00000	18.00000	0.00000	-14.799	-0.50000	0.0	0.0	0.0
	0.00000	18.00000	0.00000	-19.800	-0.50000	0.0	0.0	0.0
	1.00000	18.00000	0.00000	-24.890	-0.50000	0.0	0.0	0.0
	2.00000	18.00000	0.00000	-27.724	-0.50000	0.0	0.0	0.0
	3.00000	18.00000	0.00000	-29.915	-0.50000	0.0	0.0	0.0
	4.00000	18.00000	0.00000	-31.685	-0.50000	0.0	0.0	0.0
	5.00000	18.00000	0.00000	-33.138	-0.50000	0.0	0.0	0.0
	6.00000	18.00000	0.00000	-34.344	-0.50000	0.0	0.0	0.0
	7.00000	18.00000	0.00000	-35.356	-0.50000	0.0	0.0	0.0
	8.00000	18.00000	0.00000	-36.211	-0.50000	0.0	0.0	0.0
	9.00000	18.00000	0.00000	-36.939	-0.50000	0.0	0.0	0.0
	10.00000	18.00000	0.00000	-37.560	-0.50000	0.0	0.0	0.0
	11.00000	18.00000	0.00000	-38.091	-0.50000	0.0	0.0	0.0
	12.00000	18.00000	0.00000	-38.543	-0.50000	0.0	0.0	0.0
	13.00000	18.00000	0.00000	-38.928	-0.50000	0.0	0.0	0.0
	14.00000	18.00000	0.00000	-39.252	-0.50000	0.0	0.0	0.0
	15.00000	18.00000	0.00000	-39.521	-0.50000	0.0	0.0	0.0
	16.00000	18.00000	0.00000	-39.740	-0.50000	0.0	0.0	0.0
	17.00000	18.00000	0.00000	-39.912	-0.50000	0.0	0.0	0.0
	18.00000	18.00000	0.00000	-40.039	-0.50000	0.0	0.0	0.0
	19.00000	18.00000	0.00000	-40.122	-0.50000	0.0	0.0	0.0
	20.00000	18.00000	0.00000	-40.161	-0.50000	0.0	0.0	0.0
	21.00000	18.00000	0.00000	-40.156	-0.50000	0.0	0.0	0.0
	22.00000	18.00000	0.00000	-40.105	-0.50000	0.0	0.0	0.0
	23.00000	18.00000	0.00000	-40.005	-0.50000	0.0	0.0	0.0
	24.00000	18.00000	0.00000	-39.853	-0.50000	0.0	0.0	0.0
	25.00000	18.00000	0.00000	-39.644	-0.50000	0.0	0.0	0.0
	26.00000	18.00000	0.00000	-39.373	-0.50000	0.0	0.0	0.0
	27.00000	18.00000	0.00000	-39.033	-0.50000	0.0	0.0	0.0
	28.00000	18.00000	0.00000	-38.616	-0.50000	0.0	0.0	0.0
	29.00000	18.00000	0.00000	-38.109	-0.50000	0.0	0.0	0.0
	30.00000	18.00000	0.00000	-37.500	-0.50000	0.0	0.0	0.0
	31.00000	18.00000	0.00000	-36.770	-0.50000	0.0	0.0	0.0
	32.00000	18.00000	0.00000	-35.893	-0.50000	0.0	0.0	0.0
	33.00000	18.00000	0.00000	-34.836	-0.50000	0.0	0.0	0.0
	34.00000	18.00000	0.00000	-33.548	-0.50000	0.0	0.0	0.0
	35.00000	18.00000	0.00000	-31.949	-0.50000	0.0	0.0	0.0
	36.00000	18.00000	0.00000	-29.901	-0.50000	0.0	0.0	0.0
	37.00000	18.00000	0.00000	-27.114	-0.50000	0.0	0.0	0.0
	38.00000	18.00000	0.00000	-21.937	-0.50000	0.0	0.0	0.0
	39.00000	18.00000	0.00000	-16.755	-0.50000	0.0	0.0	0.0
	40.00000	18.00000	0.00000	-13.953	-0.50000	0.0	0.0	0.0
	41.00000	18.00000	0.00000	-11.878	-0.50000	0.0	0.0	0.0
	42.00000	18.00000	0.00000	-10.241	-0.50000	0.0	0.0	0.0
	43.00000	18.00000	0.00000	-8.9038	-0.50000	0.0	0.0	0.0
	44.00000	18.00000	0.00000	-7.7862	-0.50000	0.0	0.0	0.0
	45.00000	18.00000	0.00000	-6.8374	-0.50000	0.0	0.0	0.0
	46.00000	18.00000	0.00000	-6.0222	-0.50000	0.0	0.0	0.0
	47.00000	18.00000	0.00000	-5.3155	-0.50000	0.0	0.0	0.0
	48.00000	18.00000	0.00000	-4.6983	-0.50000	0.0	0.0	0.0
	49.00000	18.00000	0.00000	-4.1560	-0.50000	0.0	0.0	0.0
	50.00000	18.00000	0.00000	-3.6771	-0.50000	0.0	0.0	0.0
	51.00000	18.00000	0.00000	-3.2523	-0.50000	0.0	0.0	0.0
	52.00000	18.00000	0.00000	-2.8742	-0.50000	0.0	0.0	0.0
	53.00000	18.00000	0.00000	-2.5366	-0.50000	0.0	0.0	0.0
	54.00000	18.00000	0.00000	-2.2344	-0.50000	0.0	0.0	0.0
	55.00000	18.00000	0.00000	-1.9631	-0.50000	0.0	0.0	0.0
	56.00000	18.00000	0.00000	-1.7191	-0.50000	0.0	0.0	0.0
	57.00000	18.00000	0.00000	-1.4993	-0.50000	0.0	0.0	0.0
	58.00000	18.00000	0.00000	-1.3011	-0.50000	0.0	0.0	0.0
	59.00000	18.00000	0.00000	-1.1219	-0.50000	0.0	0.0	0.0
	60.00000	18.00000	0.00000	-0.95988	-0.50000	0.0	0.0	0.0
	-20.00000	19.00000	0.00000	-1.0155	-0.50000	0.0	0.0	0.0
	-19.00000	19.00000	0.00000	-1.1854	-0.50000	0.0	0.0	0.0
	-18.00000	19.00000	0.00000	-1.3739	-0.50000	0.0	0.0	0.0
	-17.00000	19.00000	0.00000	-1.5834	-0.50000	0.0	0.0	0.0
	-16.00000	19.00000	0.00000	-1.8164	-0.50000	0.0	0.0	0.0
	-15.00000	19.00000	0.00000	-2.0764	-0.50000	0.0	0.0	0.0
	-14.00000	19.00000	0.00000	-2.3672	-0.50000	0.0	0.0	0.0
	-13.00000	19.00000	0.00000	-2.6933	-0.50000	0.0	0.0	0.0
	-12.00000	19.00000	0.00000	-3.0602	-0.50000	0.0	0.0	0.0
	-11.00000	19.00000	0.00000	-3.4749	-0.50000	0.0	0.0	0.0
	-10.00000	19.00000	0.00000	-3.9457	-0.50000	0.0	0.0	0.0
	-9.00000	19.00000	0.00000	-4.4832	-0.50000	0.0	0.0	0.0
	-8.00000	19.00000	0.00000	-5.1011	-0.50000	0.0	0.0	0.0
	-7.00000	19.00000	0.00000	-5.8174	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-6.00000	19.00000	0.00000	-6.6564	-0.50000	0.0	0.0	0.0
	-5.00000	19.00000	0.00000	-7.6524	-0.50000	0.0	0.0	0.0
	-4.00000	19.00000	0.00000	-8.8562	-0.50000	0.0	0.0	0.0
	-3.00000	19.00000	0.00000	-10.349	-0.50000	0.0	0.0	0.0
	-2.00000	19.00000	0.00000	-12.274	-0.50000	0.0	0.0	0.0
	-1.00000	19.00000	0.00000	-14.931	-0.50000	0.0	0.0	0.0
	0.00000	19.00000	0.00000	-19.993	-0.50000	0.0	0.0	0.0
	1.00000	19.00000	0.00000	-25.102	-0.50000	0.0	0.0	0.0
	2.00000	19.00000	0.00000	-27.884	-0.50000	0.0	0.0	0.0
	3.00000	19.00000	0.00000	-29.983	-0.50000	0.0	0.0	0.0
	4.00000	19.00000	0.00000	-31.662	-0.50000	0.0	0.0	0.0
	5.00000	19.00000	0.00000	-33.044	-0.50000	0.0	0.0	0.0
	6.00000	19.00000	0.00000	-34.197	-0.50000	0.0	0.0	0.0
	7.00000	19.00000	0.00000	-35.169	-0.50000	0.0	0.0	0.0
	8.00000	19.00000	0.00000	-35.995	-0.50000	0.0	0.0	0.0
	9.00000	19.00000	0.00000	-36.699	-0.50000	0.0	0.0	0.0
	10.00000	19.00000	0.00000	-37.303	-0.50000	0.0	0.0	0.0
	11.00000	19.00000	0.00000	-37.820	-0.50000	0.0	0.0	0.0
	12.00000	19.00000	0.00000	-38.263	-0.50000	0.0	0.0	0.0
	13.00000	19.00000	0.00000	-38.641	-0.50000	0.0	0.0	0.0
	14.00000	19.00000	0.00000	-38.961	-0.50000	0.0	0.0	0.0
	15.00000	19.00000	0.00000	-39.228	-0.50000	0.0	0.0	0.0
	16.00000	19.00000	0.00000	-39.447	-0.50000	0.0	0.0	0.0
	17.00000	19.00000	0.00000	-39.621	-0.50000	0.0	0.0	0.0
	18.00000	19.00000	0.00000	-39.752	-0.50000	0.0	0.0	0.0
	19.00000	19.00000	0.00000	-39.840	-0.50000	0.0	0.0	0.0
	20.00000	19.00000	0.00000	-39.886	-0.50000	0.0	0.0	0.0
	21.00000	19.00000	0.00000	-39.889	-0.50000	0.0	0.0	0.0
	22.00000	19.00000	0.00000	-39.846	-0.50000	0.0	0.0	0.0
	23.00000	19.00000	0.00000	-39.755	-0.50000	0.0	0.0	0.0
	24.00000	19.00000	0.00000	-39.613	-0.50000	0.0	0.0	0.0
	25.00000	19.00000	0.00000	-39.414	-0.50000	0.0	0.0	0.0
	26.00000	19.00000	0.00000	-39.153	-0.50000	0.0	0.0	0.0
	27.00000	19.00000	0.00000	-38.823	-0.50000	0.0	0.0	0.0
	28.00000	19.00000	0.00000	-38.415	-0.50000	0.0	0.0	0.0
	29.00000	19.00000	0.00000	-37.918	-0.50000	0.0	0.0	0.0
	30.00000	19.00000	0.00000	-37.318	-0.50000	0.0	0.0	0.0
	31.00000	19.00000	0.00000	-36.597	-0.50000	0.0	0.0	0.0
	32.00000	19.00000	0.00000	-35.729	-0.50000	0.0	0.0	0.0
	33.00000	19.00000	0.00000	-34.681	-0.50000	0.0	0.0	0.0
	34.00000	19.00000	0.00000	-33.402	-0.50000	0.0	0.0	0.0
	35.00000	19.00000	0.00000	-31.812	-0.50000	0.0	0.0	0.0
	36.00000	19.00000	0.00000	-29.773	-0.50000	0.0	0.0	0.0
	37.00000	19.00000	0.00000	-26.996	-0.50000	0.0	0.0	0.0
	38.00000	19.00000	0.00000	-21.829	-0.50000	0.0	0.0	0.0
	39.00000	19.00000	0.00000	-16.655	-0.50000	0.0	0.0	0.0
	40.00000	19.00000	0.00000	-13.862	-0.50000	0.0	0.0	0.0
	41.00000	19.00000	0.00000	-11.795	-0.50000	0.0	0.0	0.0
	42.00000	19.00000	0.00000	-10.166	-0.50000	0.0	0.0	0.0
	43.00000	19.00000	0.00000	-8.8360	-0.50000	0.0	0.0	0.0
	44.00000	19.00000	0.00000	-7.7253	-0.50000	0.0	0.0	0.0
	45.00000	19.00000	0.00000	-6.7827	-0.50000	0.0	0.0	0.0
	46.00000	19.00000	0.00000	-5.9734	-0.50000	0.0	0.0	0.0
	47.00000	19.00000	0.00000	-5.2719	-0.50000	0.0	0.0	0.0
	48.00000	19.00000	0.00000	-4.6595	-0.50000	0.0	0.0	0.0
	49.00000	19.00000	0.00000	-4.1214	-0.50000	0.0	0.0	0.0
	50.00000	19.00000	0.00000	-3.6463	-0.50000	0.0	0.0	0.0
	51.00000	19.00000	0.00000	-3.2249	-0.50000	0.0	0.0	0.0
	52.00000	19.00000	0.00000	-2.8499	-0.50000	0.0	0.0	0.0
	53.00000	19.00000	0.00000	-2.5150	-0.50000	0.0	0.0	0.0
	54.00000	19.00000	0.00000	-2.2151	-0.50000	0.0	0.0	0.0
	55.00000	19.00000	0.00000	-1.9460	-0.50000	0.0	0.0	0.0
	56.00000	19.00000	0.00000	-1.7039	-0.50000	0.0	0.0	0.0
	57.00000	19.00000	0.00000	-1.4858	-0.50000	0.0	0.0	0.0
	58.00000	19.00000	0.00000	-1.2890	-0.50000	0.0	0.0	0.0
	59.00000	19.00000	0.00000	-1.1111	-0.50000	0.0	0.0	0.0
	60.00000	19.00000	0.00000	-0.95030	-0.50000	0.0	0.0	0.0
	-20.00000	20.00000	0.00000	-1.0008	-0.50000	0.0	0.0	0.0
	-19.00000	20.00000	0.00000	-1.1690	-0.50000	0.0	0.0	0.0
	-18.00000	20.00000	0.00000	-1.3556	-0.50000	0.0	0.0	0.0
	-17.00000	20.00000	0.00000	-1.5628	-0.50000	0.0	0.0	0.0
	-16.00000	20.00000	0.00000	-1.7935	-0.50000	0.0	0.0	0.0
	-15.00000	20.00000	0.00000	-2.0509	-0.50000	0.0	0.0	0.0
	-14.00000	20.00000	0.00000	-2.3387	-0.50000	0.0	0.0	0.0
	-13.00000	20.00000	0.00000	-2.6615	-0.50000	0.0	0.0	0.0
	-12.00000	20.00000	0.00000	-3.0251	-0.50000	0.0	0.0	0.0
	-11.00000	20.00000	0.00000	-3.4361	-0.50000	0.0	0.0	0.0
	-10.00000	20.00000	0.00000	-3.9031	-0.50000	0.0	0.0	0.0
	-9.00000	20.00000	0.00000	-4.4369	-0.50000	0.0	0.0	0.0
	-8.00000	20.00000	0.00000	-5.0514	-0.50000	0.0	0.0	0.0
	-7.00000	20.00000	0.00000	-5.7650	-0.50000	0.0	0.0	0.0
	-6.00000	20.00000	0.00000	-6.6026	-0.50000	0.0	0.0	0.0
	-5.00000	20.00000	0.00000	-7.5995	-0.50000	0.0	0.0	0.0
	-4.00000	20.00000	0.00000	-8.8078	-0.50000	0.0	0.0	0.0
	-3.00000	20.00000	0.00000	-10.310	-0.50000	0.0	0.0	0.0
	-2.00000	20.00000	0.00000	-12.249	-0.50000	0.0	0.0	0.0
	-1.00000	20.00000	0.00000	-14.924	-0.50000	0.0	0.0	0.0
	0.00000	20.00000	0.00000	-19.998	-0.50000	0.0	0.0	0.0
	1.00000	20.00000	0.00000	-25.097	-0.50000	0.0	0.0	0.0
	2.00000	20.00000	0.00000	-27.844	-0.50000	0.0	0.0	0.0
	3.00000	20.00000	0.00000	-29.888	-0.50000	0.0	0.0	0.0
	4.00000	20.00000	0.00000	-31.510	-0.50000	0.0	0.0	0.0
	5.00000	20.00000	0.00000	-32.838	-0.50000	0.0	0.0	0.0
	6.00000	20.00000	0.00000	-33.947	-0.50000	0.0	0.0	0.0
	7.00000	20.00000	0.00000	-34.883	-0.50000	0.0	0.0	0.0
	8.00000	20.00000	0.00000	-35.680	-0.50000	0.0	0.0	0.0
	9.00000	20.00000	0.00000	-36.361	-0.50000	0.0	0.0	0.0
	10.00000	20.00000	0.00000	-36.947	-0.50000	0.0	0.0	0.0
	11.00000	20.00000	0.00000	-37.450	-0.50000	0.0	0.0	0.0
	12.00000	20.00000	0.00000	-37.883	-0.50000	0.0	0.0	0.0
	13.00000	20.00000	0.00000	-38.253	-0.50000	0.0	0.0	0.0
	14.00000	20.00000	0.00000	-38.569	-0.50000	0.0	0.0	0.0
	15.00000	20.00000	0.00000	-38.834	-0.50000	0.0	0.0	0.0
	16.00000	20.00000	0.00000	-39.054	-0.50000	0.0	0.0	0.0
	17.00000	20.00000	0.00000	-39.231	-0.50000	0.0	0.0	0.0
	18.00000	20.00000	0.00000	-39.366	-0.50000	0.0	0.0	0.0
	19.00000	20.00000	0.00000	-39.462	-0.50000	0.0	0.0	0.0
	20.00000	20.00000	0.00000	-39.516	-0.50000	0.0	0.0	0.0
	21.00000	20.00000	0.00000	-39.529	-0.50000	0.0	0.0	0.0
	22.00000	20.00000	0.00000	-39.498	-0.50000	0.0	0.0	0.0
	23.00000	20.00000	0.00000	-39.420	-0.50000	0.0	0.0	0.0
	24.00000	20.00000	0.00000	-39.290	-0.50000	0.0	0.0	0.0
	25.00000	20.00000	0.00000	-39.104	-0.50000	0.0	0.0	0.0
	26.00000	20.00000	0.00000	-38.855	-0.50000	0.0	0.0	0.0
	27.00000	20.00000	0.00000	-38.538	-0.50000	0.0	0.0	0.0
	28.00000	20.00000	0.00000	-38.142	-0.50000	0.0	0.0	0.0
	29.00000	20.00000	0.00000	-37.657	-0.50000	0.0	0.0	0.0
	30.00000	20.00000	0.00000	-37.069	-0.50000	0.0	0.0	0.0
	31.00000	20.00000	0.00000	-36.359	-0.50000	0.0	0.0	0.0
	32.00000	20.00000	0.00000	-35.504	-0.50000	0.0	0.0	0.0
	33.00000	20.00000	0.00000	-34.468	-0.50000	0.0	0.0	0.0
	34.00000	20.00000	0.00000	-33.201	-0.50000	0.0	0.0	0.0
	35.00000	20.00000	0.00000	-31.624	-0.50000	0.0	0.0	0.0
	36.00000	20.00000	0.00000	-29.597	-0.50000	0.0	0.0	0.0
	37.00000	20.00000	0.00000	-26.833	-0.50000	0.0	0.0	0.0
	38.00000	20.00000	0.00000	-21.678	-0.50000	0.0	0.0	0.0
	39.00000	20.00000	0.00000	-16.517	-0.50000	0.0	0.0	0.0
	40.00000	20.00000	0.00000	-13.735	-0.50000	0.0	0.0	0.0
	41.00000	20.00000	0.00000	-11.680	-0.50000	0.0	0.0	0.0
	42.00000	20.00000	0.00000	-10.062	-0.50000	0.0	0.0	0.0
	43.00000	20.00000	0.00000	-8.7426	-0.50000	0.0	0.0	0.0
	44.00000	20.00000	0.00000	-7.6414	-0.50000	0.0	0.0	0.0
	45.00000	20.00000	0.00000	-6.7077	-0.50000	0.0	0.0	0.0
	46.00000	20.00000	0.00000	-5.9064	-0.50000	0.0	0.0	0.0
	47.00000	20.00000	0.00000	-5.2122	-0.50000	0.0	0.0	0.0
	48.00000	20.00000	0.00000	-4.6063	-0.50000	0.0	0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	54.00000	20.00000	0.00000	-2.1889	-0.50000	0.0	0.0	0.0
	55.00000	20.00000	0.00000	-1.9226	-0.50000	0.0	0.0	0.0
	56.00000	20.00000	0.00000	-1.6831	-0.50000	0.0	0.0	0.0
	57.00000	20.00000	0.00000	-1.4673	-0.50000	0.0	0.0	0.0
	58.00000	20.00000	0.00000	-1.2725	-0.50000	0.0	0.0	0.0
	59.00000	20.00000	0.00000	-1.0965	-0.50000	0.0	0.0	0.0
	60.00000	20.00000	0.00000	-0.93727	-0.50000	0.0	0.0	0.0
	-20.00000	21.00000	0.00000	-0.98221	-0.50000	0.0	0.0	0.0
	-19.00000	21.00000	0.00000	-1.1481	-0.50000	0.0	0.0	0.0
	-18.00000	21.00000	0.00000	-1.3321	-0.50000	0.0	0.0	0.0
	-17.00000	21.00000	0.00000	-1.5365	-0.50000	0.0	0.0	0.0
	-16.00000	21.00000	0.00000	-1.7639	-0.50000	0.0	0.0	0.0
	-15.00000	21.00000	0.00000	-2.0176	-0.50000	0.0	0.0	0.0
	-14.00000	21.00000	0.00000	-2.3014	-0.50000	0.0	0.0	0.0
	-13.00000	21.00000	0.00000	-2.6197	-0.50000	0.0	0.0	0.0
	-12.00000	21.00000	0.00000	-2.9781	-0.50000	0.0	0.0	0.0
	-11.00000	21.00000	0.00000	-3.3835	-0.50000	0.0	0.0	0.0
	-10.00000	21.00000	0.00000	-3.8444	-0.50000	0.0	0.0	0.0
	-9.00000	21.00000	0.00000	-4.3714	-0.50000	0.0	0.0	0.0
	-8.00000	21.00000	0.00000	-4.9788	-0.50000	0.0	0.0	0.0
	-7.00000	21.00000	0.00000	-5.6849	-0.50000	0.0	0.0	0.0
	-6.00000	21.00000	0.00000	-6.5150	-0.50000	0.0	0.0	0.0
	-5.00000	21.00000	0.00000	-7.5047	-0.50000	0.0	0.0	0.0
	-4.00000	21.00000	0.00000	-8.7063	-0.50000	0.0	0.0	0.0
	-3.00000	21.00000	0.00000	-10.203	-0.50000	0.0	0.0	0.0
	-2.00000	21.00000	0.00000	-12.137	-0.50000	0.0	0.0	0.0
	-1.00000	21.00000	0.00000	-14.804	-0.50000	0.0	0.0	0.0
	0.00000	21.00000	0.00000	-19.865	-0.50000	0.0	0.0	0.0
	1.00000	21.00000	0.00000	-24.942	-0.50000	0.0	0.0	0.0
	2.00000	21.00000	0.00000	-27.654	-0.50000	0.0	0.0	0.0
	3.00000	21.00000	0.00000	-29.654	-0.50000	0.0	0.0	0.0
	4.00000	21.00000	0.00000	-31.229	-0.50000	0.0	0.0	0.0
	5.00000	21.00000	0.00000	-32.513	-0.50000	0.0	0.0	0.0
	6.00000	21.00000	0.00000	-33.582	-0.50000	0.0	0.0	0.0
	7.00000	21.00000	0.00000	-34.484	-0.50000	0.0	0.0	0.0
	8.00000	21.00000	0.00000	-35.253	-0.50000	0.0	0.0	0.0
	9.00000	21.00000	0.00000	-35.912	-0.50000	0.0	0.0	0.0
	10.00000	21.00000	0.00000	-36.479	-0.50000	0.0	0.0	0.0
	11.00000	21.00000	0.00000	-36.968	-0.50000	0.0	0.0	0.0
	12.00000	21.00000	0.00000	-37.390	-0.50000	0.0	0.0	0.0
	13.00000	21.00000	0.00000	-37.753	-0.50000	0.0	0.0	0.0
	14.00000	21.00000	0.00000	-38.064	-0.50000	0.0	0.0	0.0
	15.00000	21.00000	0.00000	-38.327	-0.50000	0.0	0.0	0.0
	16.00000	21.00000	0.00000	-38.548	-0.50000	0.0	0.0	0.0
	17.00000	21.00000	0.00000	-38.729	-0.50000	0.0	0.0	0.0
	18.00000	21.00000	0.00000	-38.872	-0.50000	0.0	0.0	0.0
	19.00000	21.00000	0.00000	-38.976	-0.50000	0.0	0.0	0.0
	20.00000	21.00000	0.00000	-39.043	-0.50000	0.0	0.0	0.0
	21.00000	21.00000	0.00000	-39.069	-0.50000	0.0	0.0	0.0
	22.00000	21.00000	0.00000	-39.053	-0.50000	0.0	0.0	0.0
	23.00000	21.00000	0.00000	-38.990	-0.50000	0.0	0.0	0.0
	24.00000	21.00000	0.00000	-38.877	-0.50000	0.0	0.0	0.0
	25.00000	21.00000	0.00000	-38.707	-0.50000	0.0	0.0	0.0
	26.00000	21.00000	0.00000	-38.475	-0.50000	0.0	0.0	0.0
	27.00000	21.00000	0.00000	-38.172	-0.50000	0.0	0.0	0.0
	28.00000	21.00000	0.00000	-37.792	-0.50000	0.0	0.0	0.0
	29.00000	21.00000	0.00000	-37.321	-0.50000	0.0	0.0	0.0
	30.00000	21.00000	0.00000	-36.748	-0.50000	0.0	0.0	0.0
	31.00000	21.00000	0.00000	-36.053	-0.50000	0.0	0.0	0.0
	32.00000	21.00000	0.00000	-35.213	-0.50000	0.0	0.0	0.0
	33.00000	21.00000	0.00000	-34.192	-0.50000	0.0	0.0	0.0
	34.00000	21.00000	0.00000	-32.941	-0.50000	0.0	0.0	0.0
	35.00000	21.00000	0.00000	-31.379	-0.50000	0.0	0.0	0.0
	36.00000	21.00000	0.00000	-29.369	-0.50000	0.0	0.0	0.0
	37.00000	21.00000	0.00000	-26.621	-0.50000	0.0	0.0	0.0
	38.00000	21.00000	0.00000	-21.483	-0.50000	0.0	0.0	0.0
	39.00000	21.00000	0.00000	-16.338	-0.50000	0.0	0.0	0.0
	40.00000	21.00000	0.00000	-13.572	-0.50000	0.0	0.0	0.0
	41.00000	21.00000	0.00000	-11.532	-0.50000	0.0	0.0	0.0
	42.00000	21.00000	0.00000	-9.9290	-0.50000	0.0	0.0	0.0
	43.00000	21.00000	0.00000	-8.6229	-0.50000	0.0	0.0	0.0
	44.00000	21.00000	0.00000	-7.5343	-0.50000	0.0	0.0	0.0
	45.00000	21.00000	0.00000	-6.6121	-0.50000	0.0	0.0	0.0
	46.00000	21.00000	0.00000	-5.8212	-0.50000	0.0	0.0	0.0
	47.00000	21.00000	0.00000	-5.1364	-0.50000	0.0	0.0	0.0
	48.00000	21.00000	0.00000	-4.5389	-0.50000	0.0	0.0	0.0
	49.00000	21.00000	0.00000	-4.0142	-0.50000	0.0	0.0	0.0
	50.00000	21.00000	0.00000	-3.5511	-0.50000	0.0	0.0	0.0
	51.00000	21.00000	0.00000	-3.1404	-0.50000	0.0	0.0	0.0
	52.00000	21.00000	0.00000	-2.7748	-0.50000	0.0	0.0	0.0
	53.00000	21.00000	0.00000	-2.4483	-0.50000	0.0	0.0	0.0
	54.00000	21.00000	0.00000	-2.1558	-0.50000	0.0	0.0	0.0
	55.00000	21.00000	0.00000	-1.8932	-0.50000	0.0	0.0	0.0
	56.00000	21.00000	0.00000	-1.6570	-0.50000	0.0	0.0	0.0
	57.00000	21.00000	0.00000	-1.4441	-0.50000	0.0	0.0	0.0
	58.00000	21.00000	0.00000	-1.2519	-0.50000	0.0	0.0	0.0
	59.00000	21.00000	0.00000	-1.0781	-0.50000	0.0	0.0	0.0
	60.00000	21.00000	0.00000	-0.92086	-0.50000	0.0	0.0	0.0
	-20.00000	22.00000	0.00000	-0.95978	-0.50000	0.0	0.0	0.0
	-19.00000	22.00000	0.00000	-1.1229	-0.50000	0.0	0.0	0.0
	-18.00000	22.00000	0.00000	-1.3037	-0.50000	0.0	0.0	0.0
	-17.00000	22.00000	0.00000	-1.5045	-0.50000	0.0	0.0	0.0
	-16.00000	22.00000	0.00000	-1.7279	-0.50000	0.0	0.0	0.0
	-15.00000	22.00000	0.00000	-1.9770	-0.50000	0.0	0.0	0.0
	-14.00000	22.00000	0.00000	-2.2555	-0.50000	0.0	0.0	0.0
	-13.00000	22.00000	0.00000	-2.5679	-0.50000	0.0	0.0	0.0
	-12.00000	22.00000	0.00000	-2.9196	-0.50000	0.0	0.0	0.0
	-11.00000	22.00000	0.00000	-3.3173	-0.50000	0.0	0.0	0.0
	-10.00000	22.00000	0.00000	-3.7695	-0.50000	0.0	0.0	0.0
	-9.00000	22.00000	0.00000	-4.2867	-0.50000	0.0	0.0	0.0
	-8.00000	22.00000	0.00000	-4.8830	-0.50000	0.0	0.0	0.0
	-7.00000	22.00000	0.00000	-5.5767	-0.50000	0.0	0.0	0.0
	-6.00000	22.00000	0.00000	-6.3930	-0.50000	0.0	0.0	0.0
	-5.00000	22.00000	0.00000	-7.3673	-0.50000	0.0	0.0	0.0
	-4.00000	22.00000	0.00000	-8.5519	-0.50000	0.0	0.0	0.0
	-3.00000	22.00000	0.00000	-10.029	-0.50000	0.0	0.0	0.0
	-2.00000	22.00000	0.00000	-11.942	-0.50000	0.0	0.0	0.0
	-1.00000	22.00000	0.00000	-14.585	-0.50000	0.0	0.0	0.0
	0.00000	22.00000	0.00000	-19.617	-0.50000	0.0	0.0	0.0
	1.00000	22.00000	0.00000	-24.658	-0.50000	0.0	0.0	0.0
	2.00000	22.00000	0.00000	-27.330	-0.50000	0.0	0.0	0.0
	3.00000	22.00000	0.00000	-29.286	-0.50000	0.0	0.0	0.0
	4.00000	22.00000	0.00000	-30.816	-0.50000	0.0	0.0	0.0
	5.00000	22.00000	0.00000	-32.058	-0.50000	0.0	0.0	0.0
	6.00000	22.00000	0.00000	-33.089	-0.50000	0.0	0.0	0.0
	7.00000	22.00000	0.00000	-33.958	-0.50000	0.0	0.0	0.0
	8.00000	22.00000	0.00000	-34.698	-0.50000	0.0	0.0	0.0
	9.00000	22.00000	0.00000	-35.334	-0.50000	0.0	0.0	0.0
	10.00000	22.00000	0.00000	-35.882	-0.50000	0.0	0.0	0.0
	11.00000	22.00000	0.00000	-36.356	-0.50000	0.0	0.0	0.0
	12.00000	22.00000	0.00000	-36.766	-0.50000	0.0	0.0	0.0
	13.00000	22.00000	0.00000	-37.121	-0.50000	0.0	0.0	0.0
	14.00000	22.00000	0.00000	-37.428	-0.50000	0.0	0.0	0.0
	15.00000	22.00000	0.00000	-37.690	-0.50000	0.0	0.0	0.0
	16.00000	22.00000	0.00000	-37.913	-0.50000	0.0	0.0	0.0
	17.00000	22.00000	0.00000	-38.100	-0.50000	0.0	0.0	0.0
	18.00000	22.00000	0.00000	-38.251	-0.50000	0.0	0.0	0.0
	19.00000	22.00000	0.00000	-38.368	-0.50000	0.0	0.0	0.0
	20.00000	22.00000	0.00000	-38.450	-0.50000	0.0	0.0	0.0
	21.00000	22.00000	0.00000	-38.494	-0.50000	0.0	0.0	0.0
	22.00000	22.00000	0.00000	-38.498	-0.50000	0.0	0.0	0.0
	23.00000	22.00000	0.00000	-38.456	-0.50000	0.0	0.0	0.0
	24.00000	22.00000	0.00000	-38.364	-0.50000	0.0	0.0	0.0
	25.00000	22.00000	0.00000	-38.215	-0.50000	0.0	0.0	0.0
	26.00000	22.00000	0.00000	-38.003	-0.50000	0.0	0.0	0.0
	27.00000	22.00000	0.00000	-37.719	-0.50000	0.0	0.0	0.0
	28.00000	22.00000	0.00000	-37.357	-0.50000	0.0	0.0	0.0
	29.00000	22.00000	0.00000	-36.905	-0.50000	0.0	0.0	0.0
	30.00000	22.00000	0.00000	-36.349	-0.50000	0.0	0.0	0.0
	31.00000	22.00000	0.00000	-35.672	-0.50000	0.0	0.0	0.0
	32.00000	22.00000	0.00000	-34.849	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	33.00000	22.00000	0.00000	-33.847	-0.50000	0.0	0.0	0.0
	34.00000	22.00000	0.00000	-32.615	-0.50000	0.0	0.0	0.0
	35.00000	22.00000	0.00000	-31.074	-0.50000	0.0	0.0	0.0
	36.00000	22.00000	0.00000	-29.084	-0.50000	0.0	0.0	0.0
	37.00000	22.00000	0.00000	-26.357	-0.50000	0.0	0.0	0.0
	38.00000	22.00000	0.00000	-21.240	-0.50000	0.0	0.0	0.0
	39.00000	22.00000	0.00000	-16.116	-0.50000	0.0	0.0	0.0
	40.00000	22.00000	0.00000	-13.371	-0.50000	0.0	0.0	0.0
	41.00000	22.00000	0.00000	-11.350	-0.50000	0.0	0.0	0.0
	42.00000	22.00000	0.00000	-9.7653	-0.50000	0.0	0.0	0.0
	43.00000	22.00000	0.00000	-8.4764	-0.50000	0.0	0.0	0.0
	44.00000	22.00000	0.00000	-7.4035	-0.50000	0.0	0.0	0.0
	45.00000	22.00000	0.00000	-6.4956	-0.50000	0.0	0.0	0.0
	46.00000	22.00000	0.00000	-5.7177	-0.50000	0.0	0.0	0.0
	47.00000	22.00000	0.00000	-5.0445	-0.50000	0.0	0.0	0.0
	48.00000	22.00000	0.00000	-4.4574	-0.50000	0.0	0.0	0.0
	49.00000	22.00000	0.00000	-3.9420	-0.50000	0.0	0.0	0.0
	50.00000	22.00000	0.00000	-3.4870	-0.50000	0.0	0.0	0.0
	51.00000	22.00000	0.00000	-3.0836	-0.50000	0.0	0.0	0.0
	52.00000	22.00000	0.00000	-2.7244	-0.50000	0.0	0.0	0.0
	53.00000	22.00000	0.00000	-2.4035	-0.50000	0.0	0.0	0.0
	54.00000	22.00000	0.00000	-2.1161	-0.50000	0.0	0.0	0.0
	55.00000	22.00000	0.00000	-1.8580	-0.50000	0.0	0.0	0.0
	56.00000	22.00000	0.00000	-1.6257	-0.50000	0.0	0.0	0.0
	57.00000	22.00000	0.00000	-1.4162	-0.50000	0.0	0.0	0.0
	58.00000	22.00000	0.00000	-1.2270	-0.50000	0.0	0.0	0.0
	59.00000	22.00000	0.00000	-1.0560	-0.50000	0.0	0.0	0.0
	60.00000	22.00000	0.00000	-0.90119	-0.50000	0.0	0.0	0.0
	-20.00000	23.00000	0.00000	-0.93369	-0.50000	0.0	0.0	0.0
	-19.00000	23.00000	0.00000	-1.0935	-0.50000	0.0	0.0	0.0
	-18.00000	23.00000	0.00000	-1.2706	-0.50000	0.0	0.0	0.0
	-17.00000	23.00000	0.00000	-1.4671	-0.50000	0.0	0.0	0.0
	-16.00000	23.00000	0.00000	-1.6857	-0.50000	0.0	0.0	0.0
	-15.00000	23.00000	0.00000	-1.9292	-0.50000	0.0	0.0	0.0
	-14.00000	23.00000	0.00000	-2.2014	-0.50000	0.0	0.0	0.0
	-13.00000	23.00000	0.00000	-2.5065	-0.50000	0.0	0.0	0.0
	-12.00000	23.00000	0.00000	-2.8498	-0.50000	0.0	0.0	0.0
	-11.00000	23.00000	0.00000	-3.2378	-0.50000	0.0	0.0	0.0
	-10.00000	23.00000	0.00000	-3.6788	-0.50000	0.0	0.0	0.0
	-9.00000	23.00000	0.00000	-4.1832	-0.50000	0.0	0.0	0.0
	-8.00000	23.00000	0.00000	-4.7645	-0.50000	0.0	0.0	0.0
	-7.00000	23.00000	0.00000	-5.4407	-0.50000	0.0	0.0	0.0
	-6.00000	23.00000	0.00000	-6.2367	-0.50000	0.0	0.0	0.0
	-5.00000	23.00000	0.00000	-7.1874	-0.50000	0.0	0.0	0.0
	-4.00000	23.00000	0.00000	-8.3447	-0.50000	0.0	0.0	0.0
	-3.00000	23.00000	0.00000	-9.7904	-0.50000	0.0	0.0	0.0
	-2.00000	23.00000	0.00000	-11.667	-0.50000	0.0	0.0	0.0
	-1.00000	23.00000	0.00000	-14.269	-0.50000	0.0	0.0	0.0
	0.00000	23.00000	0.00000	-19.255	-0.50000	0.0	0.0	0.0
	1.00000	23.00000	0.00000	-24.248	-0.50000	0.0	0.0	0.0
	2.00000	23.00000	0.00000	-26.869	-0.50000	0.0	0.0	0.0
	3.00000	23.00000	0.00000	-28.775	-0.50000	0.0	0.0	0.0
	4.00000	23.00000	0.00000	-30.257	-0.50000	0.0	0.0	0.0
	5.00000	23.00000	0.00000	-31.454	-0.50000	0.0	0.0	0.0
	6.00000	23.00000	0.00000	-32.446	-0.50000	0.0	0.0	0.0
	7.00000	23.00000	0.00000	-33.280	-0.50000	0.0	0.0	0.0
	8.00000	23.00000	0.00000	-33.992	-0.50000	0.0	0.0	0.0
	9.00000	23.00000	0.00000	-34.603	-0.50000	0.0	0.0	0.0
	10.00000	23.00000	0.00000	-35.131	-0.50000	0.0	0.0	0.0
	11.00000	23.00000	0.00000	-35.589	-0.50000	0.0	0.0	0.0
	12.00000	23.00000	0.00000	-35.988	-0.50000	0.0	0.0	0.0
	13.00000	23.00000	0.00000	-36.335	-0.50000	0.0	0.0	0.0
	14.00000	23.00000	0.00000	-36.637	-0.50000	0.0	0.0	0.0
	15.00000	23.00000	0.00000	-36.899	-0.50000	0.0	0.0	0.0
	16.00000	23.00000	0.00000	-37.125	-0.50000	0.0	0.0	0.0
	17.00000	23.00000	0.00000	-37.319	-0.50000	0.0	0.0	0.0
	18.00000	23.00000	0.00000	-37.482	-0.50000	0.0	0.0	0.0
	19.00000	23.00000	0.00000	-37.615	-0.50000	0.0	0.0	0.0
	20.00000	23.00000	0.00000	-37.717	-0.50000	0.0	0.0	0.0
	21.00000	23.00000	0.00000	-37.786	-0.50000	0.0	0.0	0.0
	22.00000	23.00000	0.00000	-37.817	-0.50000	0.0	0.0	0.0
	23.00000	23.00000	0.00000	-37.803	-0.50000	0.0	0.0	0.0
	24.00000	23.00000	0.00000	-37.739	-0.50000	0.0	0.0	0.0
	25.00000	23.00000	0.00000	-37.617	-0.50000	0.0	0.0	0.0
	26.00000	23.00000	0.00000	-37.429	-0.50000	0.0	0.0	0.0
	27.00000	23.00000	0.00000	-37.169	-0.50000	0.0	0.0	0.0
	28.00000	23.00000	0.00000	-36.829	-0.50000	0.0	0.0	0.0
	29.00000	23.00000	0.00000	-36.397	-0.50000	0.0	0.0	0.0
	30.00000	23.00000	0.00000	-35.862	-0.50000	0.0	0.0	0.0
	31.00000	23.00000	0.00000	-35.206	-0.50000	0.0	0.0	0.0
	32.00000	23.00000	0.00000	-34.405	-0.50000	0.0	0.0	0.0
	33.00000	23.00000	0.00000	-33.426	-0.50000	0.0	0.0	0.0
	34.00000	23.00000	0.00000	-32.217	-0.50000	0.0	0.0	0.0
	35.00000	23.00000	0.00000	-30.700	-0.50000	0.0	0.0	0.0
	36.00000	23.00000	0.00000	-28.736	-0.50000	0.0	0.0	0.0
	37.00000	23.00000	0.00000	-26.035	-0.50000	0.0	0.0	0.0
	38.00000	23.00000	0.00000	-20.945	-0.50000	0.0	0.0	0.0
	39.00000	23.00000	0.00000	-15.848	-0.50000	0.0	0.0	0.0
	40.00000	23.00000	0.00000	-13.128	-0.50000	0.0	0.0	0.0
	41.00000	23.00000	0.00000	-11.132	-0.50000	0.0	0.0	0.0
	42.00000	23.00000	0.00000	-9.5697	-0.50000	0.0	0.0	0.0
	43.00000	23.00000	0.00000	-8.3020	-0.50000	0.0	0.0	0.0
	44.00000	23.00000	0.00000	-7.2485	-0.50000	0.0	0.0	0.0
	45.00000	23.00000	0.00000	-6.3582	-0.50000	0.0	0.0	0.0
	46.00000	23.00000	0.00000	-5.5959	-0.50000	0.0	0.0	0.0
	47.00000	23.00000	0.00000	-4.9367	-0.50000	0.0	0.0	0.0
	48.00000	23.00000	0.00000	-4.3620	-0.50000	0.0	0.0	0.0
	49.00000	23.00000	0.00000	-3.8576	-0.50000	0.0	0.0	0.0
	50.00000	23.00000	0.00000	-3.4123	-0.50000	0.0	0.0	0.0
	51.00000	23.00000	0.00000	-3.0174	-0.50000	0.0	0.0	0.0
	52.00000	23.00000	0.00000	-2.6658	-0.50000	0.0	0.0	0.0
	53.00000	23.00000	0.00000	-2.3515	-0.50000	0.0	0.0	0.0
	54.00000	23.00000	0.00000	-2.0700	-0.50000	0.0	0.0	0.0
	55.00000	23.00000	0.00000	-1.8170	-0.50000	0.0	0.0	0.0
	56.00000	23.00000	0.00000	-1.5893	-0.50000	0.0	0.0	0.0
	57.00000	23.00000	0.00000	-1.3838	-0.50000	0.0	0.0	0.0
	58.00000	23.00000	0.00000	-1.1983	-0.50000	0.0	0.0	0.0
	59.00000	23.00000	0.00000	-1.0304	-0.50000	0.0	0.0	0.0
	60.00000	23.00000	0.00000	-0.87838	-0.50000	0.0	0.0	0.0
	-20.00000	24.00000	0.00000	-0.90412	-0.50000	0.0	0.0	0.0
	-19.00000	24.00000	0.00000	-1.0602	-0.50000	0.0	0.0	0.0
	-18.00000	24.00000	0.00000	-1.2330	-0.50000	0.0	0.0	0.0
	-17.00000	24.00000	0.00000	-1.4246	-0.50000	0.0	0.0	0.0
	-16.00000	24.00000	0.00000	-1.6375	-0.50000	0.0	0.0	0.0
	-15.00000	24.00000	0.00000	-1.8746	-0.50000	0.0	0.0	0.0
	-14.00000	24.00000	0.00000	-2.1393	-0.50000	0.0	0.0	0.0
	-13.00000	24.00000	0.00000	-2.4359	-0.50000	0.0	0.0	0.0
	-12.00000	24.00000	0.00000	-2.7692	-0.50000	0.0	0.0	0.0
	-11.00000	24.00000	0.00000	-3.1457	-0.50000	0.0	0.0	0.0
	-10.00000	24.00000	0.00000	-3.5731	-0.50000	0.0	0.0	0.0
	-9.00000	24.00000	0.00000	-4.0615	-0.50000	0.0	0.0	0.0
	-8.00000	24.00000	0.00000	-4.6239	-0.50000	0.0	0.0	0.0
	-7.00000	24.00000	0.00000	-5.2777	-0.50000	0.0	0.0	0.0
	-6.00000	24.00000	0.00000	-6.0469	-0.50000	0.0	0.0	0.0
	-5.00000	24.00000	0.00000	-6.9657	-0.50000	0.0	0.0	0.0
	-4.00000	24.00000	0.00000	-8.0849	-0.50000	0.0	0.0	0.0
	-3.00000	24.00000	0.00000	-9.4854	-0.50000	0.0	0.0	0.0
	-2.00000	24.00000	0.00000	-11.310	-0.50000	0.0	0.0	0.0
	-1.00000	24.00000	0.00000	-13.852	-0.50000	0.0	0.0	0.0
	0.00000	24.00000	0.00000	-18.774	-0.50000	0.0	0.0	0.0
	1.00000	24.00000	0.00000	-23.700	-0.50000	0.0	0.0	0.0
	2.00000	24.00000	0.00000	-26.256	-0.50000	0.0	0.0	0.0
	3.00000	24.00000	0.00000	-28.100	-0.50000	0.0	0.0	0.0
	4.00000	24.00000	0.00000	-29.526	-0.50000	0.0	0.0	0.0
	5.00000	24.00000	0.00000	-30.674	-0.50000	0.0	0.0	0.0
	6.00000	24.00000	0.00000	-31.622	-0.50000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	12.00000	24.00000	0.00000	-35.020	-0.50000	0.0	0.0	0.0
	13.00000	24.00000	0.00000	-35.359	-0.50000	0.0	0.0	0.0
	14.00000	24.00000	0.00000	-35.656	-0.50000	0.0	0.0	0.0
	15.00000	24.00000	0.00000	-35.918	-0.50000	0.0	0.0	0.0
	16.00000	24.00000	0.00000	-36.149	-0.50000	0.0	0.0	0.0
	17.00000	24.00000	0.00000	-36.352	-0.50000	0.0	0.0	0.0
	18.00000	24.00000	0.00000	-36.530	-0.50000	0.0	0.0	0.0
	19.00000	24.00000	0.00000	-36.685	-0.50000	0.0	0.0	0.0
	20.00000	24.00000	0.00000	-36.815	-0.50000	0.0	0.0	0.0
	21.00000	24.00000	0.00000	-36.917	-0.50000	0.0	0.0	0.0
	22.00000	24.00000	0.00000	-36.986	-0.50000	0.0	0.0	0.0
	23.00000	24.00000	0.00000	-37.011	-0.50000	0.0	0.0	0.0
	24.00000	24.00000	0.00000	-36.985	-0.50000	0.0	0.0	0.0
	25.00000	24.00000	0.00000	-36.897	-0.50000	0.0	0.0	0.0
	26.00000	24.00000	0.00000	-36.741	-0.50000	0.0	0.0	0.0
	27.00000	24.00000	0.00000	-36.509	-0.50000	0.0	0.0	0.0
	28.00000	24.00000	0.00000	-36.195	-0.50000	0.0	0.0	0.0
	29.00000	24.00000	0.00000	-35.788	-0.50000	0.0	0.0	0.0
	30.00000	24.00000	0.00000	-35.277	-0.50000	0.0	0.0	0.0
	31.00000	24.00000	0.00000	-34.645	-0.50000	0.0	0.0	0.0
	32.00000	24.00000	0.00000	-33.869	-0.50000	0.0	0.0	0.0
	33.00000	24.00000	0.00000	-32.916	-0.50000	0.0	0.0	0.0
	34.00000	24.00000	0.00000	-31.736	-0.50000	0.0	0.0	0.0
	35.00000	24.00000	0.00000	-30.249	-0.50000	0.0	0.0	0.0
	36.00000	24.00000	0.00000	-28.317	-0.50000	0.0	0.0	0.0
	37.00000	24.00000	0.00000	-25.649	-0.50000	0.0	0.0	0.0
	38.00000	24.00000	0.00000	-20.591	-0.50000	0.0	0.0	0.0
	39.00000	24.00000	0.00000	-15.527	-0.50000	0.0	0.0	0.0
	40.00000	24.00000	0.00000	-12.840	-0.50000	0.0	0.0	0.0
	41.00000	24.00000	0.00000	-10.874	-0.50000	0.0	0.0	0.0
	42.00000	24.00000	0.00000	-9.3405	-0.50000	0.0	0.0	0.0
	43.00000	24.00000	0.00000	-8.0988	-0.50000	0.0	0.0	0.0
	44.00000	24.00000	0.00000	-7.0688	-0.50000	0.0	0.0	0.0
	45.00000	24.00000	0.00000	-6.1995	-0.50000	0.0	0.0	0.0
	46.00000	24.00000	0.00000	-5.4559	-0.50000	0.0	0.0	0.0
	47.00000	24.00000	0.00000	-4.8132	-0.50000	0.0	0.0	0.0
	48.00000	24.00000	0.00000	-4.2530	-0.50000	0.0	0.0	0.0
	49.00000	24.00000	0.00000	-3.7613	-0.50000	0.0	0.0	0.0
	50.00000	24.00000	0.00000	-3.3273	-0.50000	0.0	0.0	0.0
	51.00000	24.00000	0.00000	-2.9422	-0.50000	0.0	0.0	0.0
	52.00000	24.00000	0.00000	-2.5992	-0.50000	0.0	0.0	0.0
	53.00000	24.00000	0.00000	-2.2926	-0.50000	0.0	0.0	0.0
	54.00000	24.00000	0.00000	-2.0177	-0.50000	0.0	0.0	0.0
	55.00000	24.00000	0.00000	-1.7706	-0.50000	0.0	0.0	0.0
	56.00000	24.00000	0.00000	-1.5481	-0.50000	0.0	0.0	0.0
	57.00000	24.00000	0.00000	-1.3472	-0.50000	0.0	0.0	0.0
	58.00000	24.00000	0.00000	-1.1657	-0.50000	0.0	0.0	0.0
	59.00000	24.00000	0.00000	-1.0014	-0.50000	0.0	0.0	0.0
	60.00000	24.00000	0.00000	-0.85257	-0.50000	0.0	0.0	0.0
	-20.00000	25.00000	0.00000	-0.87131	-0.50000	0.0	0.0	0.0
	-19.00000	25.00000	0.00000	-1.0231	-0.50000	0.0	0.0	0.0
	-18.00000	25.00000	0.00000	-1.1911	-0.50000	0.0	0.0	0.0
	-17.00000	25.00000	0.00000	-1.3773	-0.50000	0.0	0.0	0.0
	-16.00000	25.00000	0.00000	-1.5839	-0.50000	0.0	0.0	0.0
	-15.00000	25.00000	0.00000	-1.8137	-0.50000	0.0	0.0	0.0
	-14.00000	25.00000	0.00000	-2.0700	-0.50000	0.0	0.0	0.0
	-13.00000	25.00000	0.00000	-2.3568	-0.50000	0.0	0.0	0.0
	-12.00000	25.00000	0.00000	-2.6787	-0.50000	0.0	0.0	0.0
	-11.00000	25.00000	0.00000	-3.0417	-0.50000	0.0	0.0	0.0
	-10.00000	25.00000	0.00000	-3.4533	-0.50000	0.0	0.0	0.0
	-9.00000	25.00000	0.00000	-3.9228	-0.50000	0.0	0.0	0.0
	-8.00000	25.00000	0.00000	-4.4626	-0.50000	0.0	0.0	0.0
	-7.00000	25.00000	0.00000	-5.0891	-0.50000	0.0	0.0	0.0
	-6.00000	25.00000	0.00000	-5.8251	-0.50000	0.0	0.0	0.0
	-5.00000	25.00000	0.00000	-6.7033	-0.50000	0.0	0.0	0.0
	-4.00000	25.00000	0.00000	-7.7728	-0.50000	0.0	0.0	0.0
	-3.00000	25.00000	0.00000	-9.1128	-0.50000	0.0	0.0	0.0
	-2.00000	25.00000	0.00000	-10.865	-0.50000	0.0	0.0	0.0
	-1.00000	25.00000	0.00000	-13.324	-0.50000	0.0	0.0	0.0
	0.00000	25.00000	0.00000	-18.154	-0.50000	0.0	0.0	0.0
	1.00000	25.00000	0.00000	-22.988	-0.50000	0.0	0.0	0.0
	2.00000	25.00000	0.00000	-25.456	-0.50000	0.0	0.0	0.0
	3.00000	25.00000	0.00000	-27.222	-0.50000	0.0	0.0	0.0
	4.00000	25.00000	0.00000	-28.580	-0.50000	0.0	0.0	0.0
	5.00000	25.00000	0.00000	-29.670	-0.50000	0.0	0.0	0.0
	6.00000	25.00000	0.00000	-30.570	-0.50000	0.0	0.0	0.0
	7.00000	25.00000	0.00000	-31.327	-0.50000	0.0	0.0	0.0
	8.00000	25.00000	0.00000	-31.974	-0.50000	0.0	0.0	0.0
	9.00000	25.00000	0.00000	-32.531	-0.50000	0.0	0.0	0.0
	10.00000	25.00000	0.00000	-33.016	-0.50000	0.0	0.0	0.0
	11.00000	25.00000	0.00000	-33.440	-0.50000	0.0	0.0	0.0
	12.00000	25.00000	0.00000	-33.813	-0.50000	0.0	0.0	0.0
	13.00000	25.00000	0.00000	-34.143	-0.50000	0.0	0.0	0.0
	14.00000	25.00000	0.00000	-34.436	-0.50000	0.0	0.0	0.0
	15.00000	25.00000	0.00000	-34.698	-0.50000	0.0	0.0	0.0
	16.00000	25.00000	0.00000	-34.934	-0.50000	0.0	0.0	0.0
	17.00000	25.00000	0.00000	-35.149	-0.50000	0.0	0.0	0.0
	18.00000	25.00000	0.00000	-35.347	-0.50000	0.0	0.0	0.0
	19.00000	25.00000	0.00000	-35.530	-0.50000	0.0	0.0	0.0
	20.00000	25.00000	0.00000	-35.698	-0.50000	0.0	0.0	0.0
	21.00000	25.00000	0.00000	-35.849	-0.50000	0.0	0.0	0.0
	22.00000	25.00000	0.00000	-35.972	-0.50000	0.0	0.0	0.0
	23.00000	25.00000	0.00000	-36.053	-0.50000	0.0	0.0	0.0
	24.00000	25.00000	0.00000	-36.079	-0.50000	0.0	0.0	0.0
	25.00000	25.00000	0.00000	-36.038	-0.50000	0.0	0.0	0.0
	26.00000	25.00000	0.00000	-35.921	-0.50000	0.0	0.0	0.0
	27.00000	25.00000	0.00000	-35.723	-0.50000	0.0	0.0	0.0
	28.00000	25.00000	0.00000	-35.438	-0.50000	0.0	0.0	0.0
	29.00000	25.00000	0.00000	-35.059	-0.50000	0.0	0.0	0.0
	30.00000	25.00000	0.00000	-34.576	-0.50000	0.0	0.0	0.0
	31.00000	25.00000	0.00000	-33.972	-0.50000	0.0	0.0	0.0
	32.00000	25.00000	0.00000	-33.225	-0.50000	0.0	0.0	0.0
	33.00000	25.00000	0.00000	-32.303	-0.50000	0.0	0.0	0.0
	34.00000	25.00000	0.00000	-31.157	-0.50000	0.0	0.0	0.0
	35.00000	25.00000	0.00000	-29.707	-0.50000	0.0	0.0	0.0
	36.00000	25.00000	0.00000	-27.813	-0.50000	0.0	0.0	0.0
	37.00000	25.00000	0.00000	-25.186	-0.50000	0.0	0.0	0.0
	38.00000	25.00000	0.00000	-20.171	-0.50000	0.0	0.0	0.0
	39.00000	25.00000	0.00000	-15.149	-0.50000	0.0	0.0	0.0
	40.00000	25.00000	0.00000	-12.502	-0.50000	0.0	0.0	0.0
	41.00000	25.00000	0.00000	-10.574	-0.50000	0.0	0.0	0.0
	42.00000	25.00000	0.00000	-9.0757	-0.50000	0.0	0.0	0.0
	43.00000	25.00000	0.00000	-7.8657	-0.50000	0.0	0.0	0.0
	44.00000	25.00000	0.00000	-6.8639	-0.50000	0.0	0.0	0.0
	45.00000	25.00000	0.00000	-6.0195	-0.50000	0.0	0.0	0.0
	46.00000	25.00000	0.00000	-5.2978	-0.50000	0.0	0.0	0.0
	47.00000	25.00000	0.00000	-4.6743	-0.50000	0.0	0.0	0.0
	48.00000	25.00000	0.00000	-4.1308	-0.50000	0.0	0.0	0.0
	49.00000	25.00000	0.00000	-3.6537	-0.50000	0.0	0.0	0.0
	50.00000	25.00000	0.00000	-3.2324	-0.50000	0.0	0.0	0.0
	51.00000	25.00000	0.00000	-2.8584	-0.50000	0.0	0.0	0.0
	52.00000	25.00000	0.00000	-2.5251	-0.50000	0.0	0.0	0.0
	53.00000	25.00000	0.00000	-2.2271	-0.50000	0.0	0.0	0.0
	54.00000	25.00000	0.00000	-1.9596	-0.50000	0.0	0.0	0.0
	55.00000	25.00000	0.00000	-1.7191	-0.50000	0.0	0.0	0.0
	56.00000	25.00000	0.00000	-1.5023	-0.50000	0.0	0.0	0.0
	57.00000	25.00000	0.00000	-1.3066	-0.50000	0.0	0.0	0.0
	58.00000	25.00000	0.00000	-1.1296	-0.50000	0.0	0.0	0.0
	59.00000	25.00000	0.00000	-0.96925	-0.50000	0.0	0.0	0.0
	60.00000	25.00000	0.00000	-0.82393	-0.50000	0.0	0.0	0.0
	-20.00000	26.00000	0.00000	-0.83550	-0.50000	0.0	0.0	0.0
	-19.00000	26.00000	0.00000	-0.98272	-0.50000	0.0	0.0	0.0
	-18.00000	26.00000	0.00000	-1.1454	-0.50000	0.0	0.0	0.0
	-17.00000	26.00000	0.00000	-1.3255	-0.50000	0.0	0.0	0.0
	-16.00000	26.00000	0.00000	-1.5252	-0.50000	0.0	0.0	0.0
	-15.00000	26.00000	0.00000	-1.7470	-0.50000	0.0	0.0	0.0
	-14.00000	26.00000	0.00000	-1.9940	-0.50000	0.0	0.0	0.0
	-13.00000	26.00000	0.00000	-2.2699	-0.50000	0.0	0.0	0.0
	-12.00000	26.00000	0.00000	-2.5791	-0.50000	0.0	0.0	0.0
	-11.00000	26.00000	0.00000	-2.9271	-0.50000	0.0	0.0	0.0
	-10.00000	26.00000	0.00000	-3.3207	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-9.00000	26.00000	0.00000	-3.7687	-0.50000	0.0	0.0	0.0
	-8.00000	26.00000	0.00000	-4.2824	-0.50000	0.0	0.0	0.0
	-7.00000	26.00000	0.00000	-4.8771	-0.50000	0.0	0.0	0.0
	-6.00000	26.00000	0.00000	-5.5737	-0.50000	0.0	0.0	0.0
	-5.00000	26.00000	0.00000	-6.4025	-0.50000	0.0	0.0	0.0
	-4.00000	26.00000	0.00000	-7.4098	-0.50000	0.0	0.0	0.0
	-3.00000	26.00000	0.00000	-8.6710	-0.50000	0.0	0.0	0.0
	-2.00000	26.00000	0.00000	-10.324	-0.50000	0.0	0.0	0.0
	-1.00000	26.00000	0.00000	-12.664	-0.50000	0.0	0.0	0.0
	0.00000	26.00000	0.00000	-17.361	-0.50000	0.0	0.0	0.0
	1.00000	26.00000	0.00000	-22.060	-0.50000	0.0	0.0	0.0
	2.00000	26.00000	0.00000	-24.406	-0.50000	0.0	0.0	0.0
	3.00000	26.00000	0.00000	-26.069	-0.50000	0.0	0.0	0.0
	4.00000	26.00000	0.00000	-27.344	-0.50000	0.0	0.0	0.0
	5.00000	26.00000	0.00000	-28.366	-0.50000	0.0	0.0	0.0
	6.00000	26.00000	0.00000	-29.211	-0.50000	0.0	0.0	0.0
	7.00000	26.00000	0.00000	-29.923	-0.50000	0.0	0.0	0.0
	8.00000	26.00000	0.00000	-30.533	-0.50000	0.0	0.0	0.0
	9.00000	26.00000	0.00000	-31.062	-0.50000	0.0	0.0	0.0
	10.00000	26.00000	0.00000	-31.523	-0.50000	0.0	0.0	0.0
	11.00000	26.00000	0.00000	-31.928	-0.50000	0.0	0.0	0.0
	12.00000	26.00000	0.00000	-32.287	-0.50000	0.0	0.0	0.0
	13.00000	26.00000	0.00000	-32.608	-0.50000	0.0	0.0	0.0
	14.00000	26.00000	0.00000	-32.896	-0.50000	0.0	0.0	0.0
	15.00000	26.00000	0.00000	-33.158	-0.50000	0.0	0.0	0.0
	16.00000	26.00000	0.00000	-33.400	-0.50000	0.0	0.0	0.0
	17.00000	26.00000	0.00000	-33.629	-0.50000	0.0	0.0	0.0
	18.00000	26.00000	0.00000	-33.851	-0.50000	0.0	0.0	0.0
	19.00000	26.00000	0.00000	-34.071	-0.50000	0.0	0.0	0.0
	20.00000	26.00000	0.00000	-34.293	-0.50000	0.0	0.0	0.0
	21.00000	26.00000	0.00000	-34.515	-0.50000	0.0	0.0	0.0
	22.00000	26.00000	0.00000	-34.723	-0.50000	0.0	0.0	0.0
	23.00000	26.00000	0.00000	-34.892	-0.50000	0.0	0.0	0.0
	24.00000	26.00000	0.00000	-34.994	-0.50000	0.0	0.0	0.0
	25.00000	26.00000	0.00000	-35.015	-0.50000	0.0	0.0	0.0
	26.00000	26.00000	0.00000	-34.947	-0.50000	0.0	0.0	0.0
	27.00000	26.00000	0.00000	-34.789	-0.50000	0.0	0.0	0.0
	28.00000	26.00000	0.00000	-34.538	-0.50000	0.0	0.0	0.0
	29.00000	26.00000	0.00000	-34.190	-0.50000	0.0	0.0	0.0
	30.00000	26.00000	0.00000	-33.736	-0.50000	0.0	0.0	0.0
	31.00000	26.00000	0.00000	-33.163	-0.50000	0.0	0.0	0.0
	32.00000	26.00000	0.00000	-32.450	-0.50000	0.0	0.0	0.0
	33.00000	26.00000	0.00000	-31.565	-0.50000	0.0	0.0	0.0
	34.00000	26.00000	0.00000	-30.459	-0.50000	0.0	0.0	0.0
	35.00000	26.00000	0.00000	-29.053	-0.50000	0.0	0.0	0.0
	36.00000	26.00000	0.00000	-27.209	-0.50000	0.0	0.0	0.0
	37.00000	26.00000	0.00000	-24.634	-0.50000	0.0	0.0	0.0
	38.00000	26.00000	0.00000	-19.672	-0.50000	0.0	0.0	0.0
	39.00000	26.00000	0.00000	-14.704	-0.50000	0.0	0.0	0.0
	40.00000	26.00000	0.00000	-12.108	-0.50000	0.0	0.0	0.0
	41.00000	26.00000	0.00000	-10.229	-0.50000	0.0	0.0	0.0
	42.00000	26.00000	0.00000	-8.7733	-0.50000	0.0	0.0	0.0
	43.00000	26.00000	0.00000	-7.6017	-0.50000	0.0	0.0	0.0
	44.00000	26.00000	0.00000	-6.6336	-0.50000	0.0	0.0	0.0
	45.00000	26.00000	0.00000	-5.8184	-0.50000	0.0	0.0	0.0
	46.00000	26.00000	0.00000	-5.1221	-0.50000	0.0	0.0	0.0
	47.00000	26.00000	0.00000	-4.5205	-0.50000	0.0	0.0	0.0
	48.00000	26.00000	0.00000	-3.9959	-0.50000	0.0	0.0	0.0
	49.00000	26.00000	0.00000	-3.5352	-0.50000	0.0	0.0	0.0
	50.00000	26.00000	0.00000	-3.1281	-0.50000	0.0	0.0	0.0
	51.00000	26.00000	0.00000	-2.7665	-0.50000	0.0	0.0	0.0
	52.00000	26.00000	0.00000	-2.4440	-0.50000	0.0	0.0	0.0
	53.00000	26.00000	0.00000	-2.1553	-0.50000	0.0	0.0	0.0
	54.00000	26.00000	0.00000	-1.8961	-0.50000	0.0	0.0	0.0
	55.00000	26.00000	0.00000	-1.6628	-0.50000	0.0	0.0	0.0
	56.00000	26.00000	0.00000	-1.4524	-0.50000	0.0	0.0	0.0
	57.00000	26.00000	0.00000	-1.2622	-0.50000	0.0	0.0	0.0
	58.00000	26.00000	0.00000	-1.0901	-0.50000	0.0	0.0	0.0
	59.00000	26.00000	0.00000	-0.93412	-0.50000	0.0	0.0	0.0
	60.00000	26.00000	0.00000	-0.79265	-0.50000	0.0	0.0	0.0
	-20.00000	27.00000	0.00000	-0.79698	-0.50000	0.0	0.0	0.0
	-19.00000	27.00000	0.00000	-0.93924	-0.50000	0.0	0.0	0.0
	-18.00000	27.00000	0.00000	-1.0963	-0.50000	0.0	0.0	0.0
	-17.00000	27.00000	0.00000	-1.2699	-0.50000	0.0	0.0	0.0
	-16.00000	27.00000	0.00000	-1.4620	-0.50000	0.0	0.0	0.0
	-15.00000	27.00000	0.00000	-1.6752	-0.50000	0.0	0.0	0.0
	-14.00000	27.00000	0.00000	-1.9121	-0.50000	0.0	0.0	0.0
	-13.00000	27.00000	0.00000	-2.1762	-0.50000	0.0	0.0	0.0
	-12.00000	27.00000	0.00000	-2.4715	-0.50000	0.0	0.0	0.0
	-11.00000	27.00000	0.00000	-2.8031	-0.50000	0.0	0.0	0.0
	-10.00000	27.00000	0.00000	-3.1770	-0.50000	0.0	0.0	0.0
	-9.00000	27.00000	0.00000	-3.6013	-0.50000	0.0	0.0	0.0
	-8.00000	27.00000	0.00000	-4.0860	-0.50000	0.0	0.0	0.0
	-7.00000	27.00000	0.00000	-4.6448	-0.50000	0.0	0.0	0.0
	-6.00000	27.00000	0.00000	-5.2963	-0.50000	0.0	0.0	0.0
	-5.00000	27.00000	0.00000	-6.0675	-0.50000	0.0	0.0	0.0
	-4.00000	27.00000	0.00000	-6.9996	-0.50000	0.0	0.0	0.0
	-3.00000	27.00000	0.00000	-8.1612	-0.50000	0.0	0.0	0.0
	-2.00000	27.00000	0.00000	-9.6805	-0.50000	0.0	0.0	0.0
	-1.00000	27.00000	0.00000	-11.844	-0.50000	0.0	0.0	0.0
	0.00000	27.00000	0.00000	-16.328	-0.50000	0.0	0.0	0.0
	1.00000	27.00000	0.00000	-20.814	-0.50000	0.0	0.0	0.0
	2.00000	27.00000	0.00000	-22.982	-0.50000	0.0	0.0	0.0
	3.00000	27.00000	0.00000	-24.508	-0.50000	0.0	0.0	0.0
	4.00000	27.00000	0.00000	-25.679	-0.50000	0.0	0.0	0.0
	5.00000	27.00000	0.00000	-26.622	-0.50000	0.0	0.0	0.0
	6.00000	27.00000	0.00000	-27.406	-0.50000	0.0	0.0	0.0
	7.00000	27.00000	0.00000	-28.069	-0.50000	0.0	0.0	0.0
	8.00000	27.00000	0.00000	-28.641	-0.50000	0.0	0.0	0.0
	9.00000	27.00000	0.00000	-29.137	-0.50000	0.0	0.0	0.0
	10.00000	27.00000	0.00000	-29.574	-0.50000	0.0	0.0	0.0
	11.00000	27.00000	0.00000	-29.959	-0.50000	0.0	0.0	0.0
	12.00000	27.00000	0.00000	-30.304	-0.50000	0.0	0.0	0.0
	13.00000	27.00000	0.00000	-30.614	-0.50000	0.0	0.0	0.0
	14.00000	27.00000	0.00000	-30.896	-0.50000	0.0	0.0	0.0
	15.00000	27.00000	0.00000	-31.158	-0.50000	0.0	0.0	0.0
	16.00000	27.00000	0.00000	-31.407	-0.50000	0.0	0.0	0.0
	17.00000	27.00000	0.00000	-31.651	-0.50000	0.0	0.0	0.0
	18.00000	27.00000	0.00000	-31.900	-0.50000	0.0	0.0	0.0
	19.00000	27.00000	0.00000	-32.166	-0.50000	0.0	0.0	0.0
	20.00000	27.00000	0.00000	-32.464	-0.50000	0.0	0.0	0.0
	21.00000	27.00000	0.00000	-32.799	-0.50000	0.0	0.0	0.0
	22.00000	27.00000	0.00000	-33.155	-0.50000	0.0	0.0	0.0
	23.00000	27.00000	0.00000	-33.472	-0.50000	0.0	0.0	0.0
	24.00000	27.00000	0.00000	-33.693	-0.50000	0.0	0.0	0.0
	25.00000	27.00000	0.00000	-33.798	-0.50000	0.0	0.0	0.0
	26.00000	27.00000	0.00000	-33.789	-0.50000	0.0	0.0	0.0
	27.00000	27.00000	0.00000	-33.676	-0.50000	0.0	0.0	0.0
	28.00000	27.00000	0.00000	-33.461	-0.50000	0.0	0.0	0.0
	29.00000	27.00000	0.00000	-33.147	-0.50000	0.0	0.0	0.0
	30.00000	27.00000	0.00000	-32.726	-0.50000	0.0	0.0	0.0
	31.00000	27.00000	0.00000	-32.187	-0.50000	0.0	0.0	0.0
	32.00000	27.00000	0.00000	-31.512	-0.50000	0.0	0.0	0.0
	33.00000	27.00000	0.00000	-30.669	-0.50000	0.0	0.0	0.0
	34.00000	27.00000	0.00000	-29.611	-0.50000	0.0	0.0	0.0
	35.00000	27.00000	0.00000	-28.260	-0.50000	0.0	0.0	0.0
	36.00000	27.00000	0.00000	-26.477	-0.50000	0.0	0.0	0.0
	37.00000	27.00000	0.00000	-23.969	-0.50000	0.0	0.0	0.0
	38.00000	27.00000	0.00000	-19.078	-0.50000	0.0	0.0	0.0
	39.00000	27.00000	0.00000	-14.180	-0.50000	0.0	0.0	0.0
	40.00000	27.00000	0.00000	-11.651	-0.50000	0.0	0.0	0.0
	41.00000	27.00000	0.00000	-9.8327	-0.50000	0.0	0.0	0.0
	42.00000	27.00000	0.00000	-8.4312	-0.50000	0.0	0.0	0.0
	43.00000	27.00000	0.00000	-7.3062	-0.50000	0.0	0.0	0.0
	44.00000	27.00000	0.00000	-6.3780	-0.50000	0.0	0.0	0.0
	45.00000	27.00000	0.00000	-5.5968	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	51.00000	27.00000	0.00000	-2.6672	-0.50000	0.0	0.0	0.0
	52.00000	27.00000	0.00000	-2.3564	-0.50000	0.0	0.0	0.0
	53.00000	27.00000	0.00000	-2.0779	-0.50000	0.0	0.0	0.0
	54.00000	27.00000	0.00000	-1.8276	-0.50000	0.0	0.0	0.0
	55.00000	27.00000	0.00000	-1.6021	-0.50000	0.0	0.0	0.0
	56.00000	27.00000	0.00000	-1.3985	-0.50000	0.0	0.0	0.0
	57.00000	27.00000	0.00000	-1.2144	-0.50000	0.0	0.0	0.0
	58.00000	27.00000	0.00000	-1.0475	-0.50000	0.0	0.0	0.0
	59.00000	27.00000	0.00000	-0.89626	-0.50000	0.0	0.0	0.0
	60.00000	27.00000	0.00000	-0.75894	-0.50000	0.0	0.0	0.0
	-20.00000	28.00000	0.00000	-0.75605	-0.50000	0.0	0.0	0.0
	-19.00000	28.00000	0.00000	-0.89306	-0.50000	0.0	0.0	0.0
	-18.00000	28.00000	0.00000	-1.0441	-0.50000	0.0	0.0	0.0
	-17.00000	28.00000	0.00000	-1.2108	-0.50000	0.0	0.0	0.0
	-16.00000	28.00000	0.00000	-1.3950	-0.50000	0.0	0.0	0.0
	-15.00000	28.00000	0.00000	-1.5989	-0.50000	0.0	0.0	0.0
	-14.00000	28.00000	0.00000	-1.8251	-0.50000	0.0	0.0	0.0
	-13.00000	28.00000	0.00000	-2.0767	-0.50000	0.0	0.0	0.0
	-12.00000	28.00000	0.00000	-2.3572	-0.50000	0.0	0.0	0.0
	-11.00000	28.00000	0.00000	-2.6712	-0.50000	0.0	0.0	0.0
	-10.00000	28.00000	0.00000	-3.0242	-0.50000	0.0	0.0	0.0
	-9.00000	28.00000	0.00000	-3.4229	-0.50000	0.0	0.0	0.0
	-8.00000	28.00000	0.00000	-3.8763	-0.50000	0.0	0.0	0.0
	-7.00000	28.00000	0.00000	-4.3961	-0.50000	0.0	0.0	0.0
	-6.00000	28.00000	0.00000	-4.9979	-0.50000	0.0	0.0	0.0
	-5.00000	28.00000	0.00000	-5.7046	-0.50000	0.0	0.0	0.0
	-4.00000	28.00000	0.00000	-6.5502	-0.50000	0.0	0.0	0.0
	-3.00000	28.00000	0.00000	-7.5911	-0.50000	0.0	0.0	0.0
	-2.00000	28.00000	0.00000	-8.9332	-0.50000	0.0	0.0	0.0
	-1.00000	28.00000	0.00000	-10.824	-0.50000	0.0	0.0	0.0
	0.00000	28.00000	0.00000	-14.914	-0.50000	0.0	0.0	0.0
	1.00000	28.00000	0.00000	-19.004	-0.50000	0.0	0.0	0.0
	2.00000	28.00000	0.00000	-20.899	-0.50000	0.0	0.0	0.0
	3.00000	28.00000	0.00000	-22.246	-0.50000	0.0	0.0	0.0
	4.00000	28.00000	0.00000	-23.294	-0.50000	0.0	0.0	0.0
	5.00000	28.00000	0.00000	-24.148	-0.50000	0.0	0.0	0.0
	6.00000	28.00000	0.00000	-24.864	-0.50000	0.0	0.0	0.0
	7.00000	28.00000	0.00000	-25.476	-0.50000	0.0	0.0	0.0
	8.00000	28.00000	0.00000	-26.006	-0.50000	0.0	0.0	0.0
	9.00000	28.00000	0.00000	-26.469	-0.50000	0.0	0.0	0.0
	10.00000	28.00000	0.00000	-26.879	-0.50000	0.0	0.0	0.0
	11.00000	28.00000	0.00000	-27.245	-0.50000	0.0	0.0	0.0
	12.00000	28.00000	0.00000	-27.573	-0.50000	0.0	0.0	0.0
	13.00000	28.00000	0.00000	-27.872	-0.50000	0.0	0.0	0.0
	14.00000	28.00000	0.00000	-28.148	-0.50000	0.0	0.0	0.0
	15.00000	28.00000	0.00000	-28.408	-0.50000	0.0	0.0	0.0
	16.00000	28.00000	0.00000	-28.662	-0.50000	0.0	0.0	0.0
	17.00000	28.00000	0.00000	-28.920	-0.50000	0.0	0.0	0.0
	18.00000	28.00000	0.00000	-29.198	-0.50000	0.0	0.0	0.0
	19.00000	28.00000	0.00000	-29.518	-0.50000	0.0	0.0	0.0
	20.00000	28.00000	0.00000	-29.916	-0.50000	0.0	0.0	0.0
	21.00000	28.00000	0.00000	-30.438	-0.50000	0.0	0.0	0.0
	22.00000	28.00000	0.00000	-31.097	-0.50000	0.0	0.0	0.0
	23.00000	28.00000	0.00000	-31.720	-0.50000	0.0	0.0	0.0
	24.00000	28.00000	0.00000	-32.133	-0.50000	0.0	0.0	0.0
	25.00000	28.00000	0.00000	-32.347	-0.50000	0.0	0.0	0.0
	26.00000	28.00000	0.00000	-32.406	-0.50000	0.0	0.0	0.0
	27.00000	28.00000	0.00000	-32.340	-0.50000	0.0	0.0	0.0
	28.00000	28.00000	0.00000	-32.163	-0.50000	0.0	0.0	0.0
	29.00000	28.00000	0.00000	-31.882	-0.50000	0.0	0.0	0.0
	30.00000	28.00000	0.00000	-31.496	-0.50000	0.0	0.0	0.0
	31.00000	28.00000	0.00000	-30.994	-0.50000	0.0	0.0	0.0
	32.00000	28.00000	0.00000	-30.361	-0.50000	0.0	0.0	0.0
	33.00000	28.00000	0.00000	-29.566	-0.50000	0.0	0.0	0.0
	34.00000	28.00000	0.00000	-28.566	-0.50000	0.0	0.0	0.0
	35.00000	28.00000	0.00000	-27.283	-0.50000	0.0	0.0	0.0
	36.00000	28.00000	0.00000	-25.579	-0.50000	0.0	0.0	0.0
	37.00000	28.00000	0.00000	-23.160	-0.50000	0.0	0.0	0.0
	38.00000	28.00000	0.00000	-18.365	-0.50000	0.0	0.0	0.0
	39.00000	28.00000	0.00000	-13.562	-0.50000	0.0	0.0	0.0
	40.00000	28.00000	0.00000	-11.122	-0.50000	0.0	0.0	0.0
	41.00000	28.00000	0.00000	-9.3825	-0.50000	0.0	0.0	0.0
	42.00000	28.00000	0.00000	-8.0480	-0.50000	0.0	0.0	0.0
	43.00000	28.00000	0.00000	-6.9791	-0.50000	0.0	0.0	0.0
	44.00000	28.00000	0.00000	-6.0978	-0.50000	0.0	0.0	0.0
	45.00000	28.00000	0.00000	-5.3557	-0.50000	0.0	0.0	0.0
	46.00000	28.00000	0.00000	-4.7210	-0.50000	0.0	0.0	0.0
	47.00000	28.00000	0.00000	-4.1717	-0.50000	0.0	0.0	0.0
	48.00000	28.00000	0.00000	-3.6916	-0.50000	0.0	0.0	0.0
	49.00000	28.00000	0.00000	-3.2690	-0.50000	0.0	0.0	0.0
	50.00000	28.00000	0.00000	-2.8945	-0.50000	0.0	0.0	0.0
	51.00000	28.00000	0.00000	-2.5611	-0.50000	0.0	0.0	0.0
	52.00000	28.00000	0.00000	-2.2629	-0.50000	0.0	0.0	0.0
	53.00000	28.00000	0.00000	-1.9954	-0.50000	0.0	0.0	0.0
	54.00000	28.00000	0.00000	-1.7546	-0.50000	0.0	0.0	0.0
	55.00000	28.00000	0.00000	-1.5374	-0.50000	0.0	0.0	0.0
	56.00000	28.00000	0.00000	-1.3411	-0.50000	0.0	0.0	0.0
	57.00000	28.00000	0.00000	-1.1634	-0.50000	0.0	0.0	0.0
	58.00000	28.00000	0.00000	-1.0022	-0.50000	0.0	0.0	0.0
	59.00000	28.00000	0.00000	-0.85592	-0.50000	0.0	0.0	0.0
	60.00000	28.00000	0.00000	-0.72300	-0.50000	0.0	0.0	0.0
	-20.00000	29.00000	0.00000	-0.71304	-0.50000	0.0	0.0	0.0
	-19.00000	29.00000	0.00000	-0.84454	-0.50000	0.0	0.0	0.0
	-18.00000	29.00000	0.00000	-0.98928	-0.50000	0.0	0.0	0.0
	-17.00000	29.00000	0.00000	-1.1487	-0.50000	0.0	0.0	0.0
	-16.00000	29.00000	0.00000	-1.3246	-0.50000	0.0	0.0	0.0
	-15.00000	29.00000	0.00000	-1.5190	-0.50000	0.0	0.0	0.0
	-14.00000	29.00000	0.00000	-1.7340	-0.50000	0.0	0.0	0.0
	-13.00000	29.00000	0.00000	-1.9725	-0.50000	0.0	0.0	0.0
	-12.00000	29.00000	0.00000	-2.2376	-0.50000	0.0	0.0	0.0
	-11.00000	29.00000	0.00000	-2.5333	-0.50000	0.0	0.0	0.0
	-10.00000	29.00000	0.00000	-2.8642	-0.50000	0.0	0.0	0.0
	-9.00000	29.00000	0.00000	-3.2363	-0.50000	0.0	0.0	0.0
	-8.00000	29.00000	0.00000	-3.6570	-0.50000	0.0	0.0	0.0
	-7.00000	29.00000	0.00000	-4.1357	-0.50000	0.0	0.0	0.0
	-6.00000	29.00000	0.00000	-4.6852	-0.50000	0.0	0.0	0.0
	-5.00000	29.00000	0.00000	-5.3231	-0.50000	0.0	0.0	0.0
	-4.00000	29.00000	0.00000	-6.0749	-0.50000	0.0	0.0	0.0
	-3.00000	29.00000	0.00000	-6.9804	-0.50000	0.0	0.0	0.0
	-2.00000	29.00000	0.00000	-8.1090	-0.50000	0.0	0.0	0.0
	-1.00000	29.00000	0.00000	-9.6051	-0.50000	0.0	0.0	0.0
	0.00000	29.00000	0.00000	-12.295	-0.50000	0.0	0.0	0.0
	1.00000	29.00000	0.00000	-14.985	-0.50000	0.0	0.0	0.0
	2.00000	29.00000	0.00000	-16.484	-0.50000	0.0	0.0	0.0
	3.00000	29.00000	0.00000	-17.616	-0.50000	0.0	0.0	0.0
	4.00000	29.00000	0.00000	-18.527	-0.50000	0.0	0.0	0.0
	5.00000	29.00000	0.00000	-19.285	-0.50000	0.0	0.0	0.0
	6.00000	29.00000	0.00000	-19.930	-0.50000	0.0	0.0	0.0
	7.00000	29.00000	0.00000	-20.488	-0.50000	0.0	0.0	0.0
	8.00000	29.00000	0.00000	-20.975	-0.50000	0.0	0.0	0.0
	9.00000	29.00000	0.00000	-21.405	-0.50000	0.0	0.0	0.0
	10.00000	29.00000	0.00000	-21.788	-0.50000	0.0	0.0	0.0
	11.00000	29.00000	0.00000	-22.131	-0.50000	0.0	0.0	0.0
	12.00000	29.00000	0.00000	-22.443	-0.50000	0.0	0.0	0.0
	13.00000	29.00000	0.00000	-22.729	-0.50000	0.0	0.0	0.0
	14.00000	29.00000	0.00000	-22.997	-0.50000	0.0	0.0	0.0
	15.00000	29.00000	0.00000	-23.254	-0.50000	0.0	0.0	0.0
	16.00000	29.00000	0.00000	-23.510	-0.50000	0.0	0.0	0.0
	17.00000	29.00000	0.00000	-23.779	-0.50000	0.0	0.0	0.0
	18.00000	29.00000	0.00000	-24.081	-0.50000	0.0	0.0	0.0
	19.00000	29.00000	0.00000	-24.453	-0.50000	0.0	0.0	0.0
	20.00000	29.00000	0.00000	-24.963	-0.50000	0.0	0.0	0.0
	21.00000	29.00000	0.00000	-25.759	-0.50000	0.0	0.0	0.0
	22.00000	29.00000	0.00000	-27.685	-0.50000	0.0	0.0	0.0
	23.00000	29.00000	0.00000	-29.577	-0.50000	0.0	0.0	0.0
	24.00000	29.00000	0.00000	-30.271	-0.50000	0.0	0.0	0.0
	25.00000	29.00000	0.00000	-30.607	-0.50000	0.0	0.0	0.0
	26.00000	29.00000	0.00000	-30.732	-0.50000	0.0	0.0	0.0
	27.00000	29.00000	0.00000	-30.709	-0.50000	0.0	0.0	0.0
	28.00000	29.00000	0.00000	-30.567	-0.50000	0.0	0.0	0.0
	29.00000	29.00000	0.00000	-30.320	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	30.00000	29.00000	0.00000	-29.968	-0.50000	0.0	0.0	0.0
	31.00000	29.00000	0.00000	-29.506	-0.50000	0.0	0.0	0.0
	32.00000	29.00000	0.00000	-28.918	-0.50000	0.0	0.0	0.0
	33.00000	29.00000	0.00000	-28.179	-0.50000	0.0	0.0	0.0
	34.00000	29.00000	0.00000	-27.246	-0.50000	0.0	0.0	0.0
	35.00000	29.00000	0.00000	-26.047	-0.50000	0.0	0.0	0.0
	36.00000	29.00000	0.00000	-24.447	-0.50000	0.0	0.0	0.0
	37.00000	29.00000	0.00000	-22.151	-0.50000	0.0	0.0	0.0
	38.00000	29.00000	0.00000	-17.493	-0.50000	0.0	0.0	0.0
	39.00000	29.00000	0.00000	-12.828	-0.50000	0.0	0.0	0.0
	40.00000	29.00000	0.00000	-10.511	-0.50000	0.0	0.0	0.0
	41.00000	29.00000	0.00000	-8.8742	-0.50000	0.0	0.0	0.0
	42.00000	29.00000	0.00000	-7.6234	-0.50000	0.0	0.0	0.0
	43.00000	29.00000	0.00000	-6.6218	-0.50000	0.0	0.0	0.0
	44.00000	29.00000	0.00000	-5.7947	-0.50000	0.0	0.0	0.0
	45.00000	29.00000	0.00000	-5.0967	-0.50000	0.0	0.0	0.0
	46.00000	29.00000	0.00000	-4.4984	-0.50000	0.0	0.0	0.0
	47.00000	29.00000	0.00000	-3.9792	-0.50000	0.0	0.0	0.0
	48.00000	29.00000	0.00000	-3.5245	-0.50000	0.0	0.0	0.0
	49.00000	29.00000	0.00000	-3.1232	-0.50000	0.0	0.0	0.0
	50.00000	29.00000	0.00000	-2.7669	-0.50000	0.0	0.0	0.0
	51.00000	29.00000	0.00000	-2.4490	-0.50000	0.0	0.0	0.0
	52.00000	29.00000	0.00000	-2.1642	-0.50000	0.0	0.0	0.0
	53.00000	29.00000	0.00000	-1.9083	-0.50000	0.0	0.0	0.0
	54.00000	29.00000	0.00000	-1.6776	-0.50000	0.0	0.0	0.0
	55.00000	29.00000	0.00000	-1.4692	-0.50000	0.0	0.0	0.0
	56.00000	29.00000	0.00000	-1.2806	-0.50000	0.0	0.0	0.0
	57.00000	29.00000	0.00000	-1.1096	-0.50000	0.0	0.0	0.0
	58.00000	29.00000	0.00000	-0.95440	-0.50000	0.0	0.0	0.0
	59.00000	29.00000	0.00000	-0.81336	-0.50000	0.0	0.0	0.0
	60.00000	29.00000	0.00000	-0.68509	-0.50000	0.0	0.0	0.0
	-20.00000	30.00000	0.00000	-0.66828	-0.50000	0.0	0.0	0.0
	-19.00000	30.00000	0.00000	-0.79408	-0.50000	0.0	0.0	0.0
	-18.00000	30.00000	0.00000	-0.93232	-0.50000	0.0	0.0	0.0
	-17.00000	30.00000	0.00000	-1.0843	-0.50000	0.0	0.0	0.0
	-16.00000	30.00000	0.00000	-1.2517	-0.50000	0.0	0.0	0.0
	-15.00000	30.00000	0.00000	-1.4361	-0.50000	0.0	0.0	0.0
	-14.00000	30.00000	0.00000	-1.6396	-0.50000	0.0	0.0	0.0
	-13.00000	30.00000	0.00000	-1.8646	-0.50000	0.0	0.0	0.0
	-12.00000	30.00000	0.00000	-2.1140	-0.50000	0.0	0.0	0.0
	-11.00000	30.00000	0.00000	-2.3909	-0.50000	0.0	0.0	0.0
	-10.00000	30.00000	0.00000	-2.6994	-0.50000	0.0	0.0	0.0
	-9.00000	30.00000	0.00000	-3.0443	-0.50000	0.0	0.0	0.0
	-8.00000	30.00000	0.00000	-3.4316	-0.50000	0.0	0.0	0.0
	-7.00000	30.00000	0.00000	-3.8688	-0.50000	0.0	0.0	0.0
	-6.00000	30.00000	0.00000	-4.3653	-0.50000	0.0	0.0	0.0
	-5.00000	30.00000	0.00000	-4.9338	-0.50000	0.0	0.0	0.0
	-4.00000	30.00000	0.00000	-5.5911	-0.50000	0.0	0.0	0.0
	-3.00000	30.00000	0.00000	-6.3606	-0.50000	0.0	0.0	0.0
	-2.00000	30.00000	0.00000	-7.2750	-0.50000	0.0	0.0	0.0
	-1.00000	30.00000	0.00000	-8.3756	-0.50000	0.0	0.0	0.0
	0.00000	30.00000	0.00000	-9.6646	-0.50000	0.0	0.0	0.0
	1.00000	30.00000	0.00000	-10.954	-0.50000	0.0	0.0	0.0
	2.00000	30.00000	0.00000	-12.057	-0.50000	0.0	0.0	0.0
	3.00000	30.00000	0.00000	-12.974	-0.50000	0.0	0.0	0.0
	4.00000	30.00000	0.00000	-13.748	-0.50000	0.0	0.0	0.0
	5.00000	30.00000	0.00000	-14.410	-0.50000	0.0	0.0	0.0
	6.00000	30.00000	0.00000	-14.984	-0.50000	0.0	0.0	0.0
	7.00000	30.00000	0.00000	-15.487	-0.50000	0.0	0.0	0.0
	8.00000	30.00000	0.00000	-15.932	-0.50000	0.0	0.0	0.0
	9.00000	30.00000	0.00000	-16.328	-0.50000	0.0	0.0	0.0
	10.00000	30.00000	0.00000	-16.683	-0.50000	0.0	0.0	0.0
	11.00000	30.00000	0.00000	-17.004	-0.50000	0.0	0.0	0.0
	12.00000	30.00000	0.00000	-17.298	-0.50000	0.0	0.0	0.0
	13.00000	30.00000	0.00000	-17.571	-0.50000	0.0	0.0	0.0
	14.00000	30.00000	0.00000	-17.828	-0.50000	0.0	0.0	0.0
	15.00000	30.00000	0.00000	-18.079	-0.50000	0.0	0.0	0.0
	16.00000	30.00000	0.00000	-18.333	-0.50000	0.0	0.0	0.0
	17.00000	30.00000	0.00000	-18.605	-0.50000	0.0	0.0	0.0
	18.00000	30.00000	0.00000	-18.921	-0.50000	0.0	0.0	0.0
	19.00000	30.00000	0.00000	-19.325	-0.50000	0.0	0.0	0.0
	20.00000	30.00000	0.00000	-19.912	-0.50000	0.0	0.0	0.0
	21.00000	30.00000	0.00000	-20.927	-0.50000	0.0	0.0	0.0
	22.00000	30.00000	0.00000	-24.043	-0.50000	0.0	0.0	0.0
	23.00000	30.00000	0.00000	-27.127	-0.50000	0.0	0.0	0.0
	24.00000	30.00000	0.00000	-28.045	-0.50000	0.0	0.0	0.0
	25.00000	30.00000	0.00000	-28.469	-0.50000	0.0	0.0	0.0
	26.00000	30.00000	0.00000	-28.641	-0.50000	0.0	0.0	0.0
	27.00000	30.00000	0.00000	-28.651	-0.50000	0.0	0.0	0.0
	28.00000	30.00000	0.00000	-28.539	-0.50000	0.0	0.0	0.0
	29.00000	30.00000	0.00000	-28.322	-0.50000	0.0	0.0	0.0
	30.00000	30.00000	0.00000	-28.004	-0.50000	0.0	0.0	0.0
	31.00000	30.00000	0.00000	-27.582	-0.50000	0.0	0.0	0.0
	32.00000	30.00000	0.00000	-27.043	-0.50000	0.0	0.0	0.0
	33.00000	30.00000	0.00000	-26.366	-0.50000	0.0	0.0	0.0
	34.00000	30.00000	0.00000	-25.512	-0.50000	0.0	0.0	0.0
	35.00000	30.00000	0.00000	-24.417	-0.50000	0.0	0.0	0.0
	36.00000	30.00000	0.00000	-22.953	-0.50000	0.0	0.0	0.0
	37.00000	30.00000	0.00000	-20.837	-0.50000	0.0	0.0	0.0
	38.00000	30.00000	0.00000	-16.394	-0.50000	0.0	0.0	0.0
	39.00000	30.00000	0.00000	-11.944	-0.50000	0.0	0.0	0.0
	40.00000	30.00000	0.00000	-9.8068	-0.50000	0.0	0.0	0.0
	41.00000	30.00000	0.00000	-8.3073	-0.50000	0.0	0.0	0.0
	42.00000	30.00000	0.00000	-7.1599	-0.50000	0.0	0.0	0.0
	43.00000	30.00000	0.00000	-6.2372	-0.50000	0.0	0.0	0.0
	44.00000	30.00000	0.00000	-5.4716	-0.50000	0.0	0.0	0.0
	45.00000	30.00000	0.00000	-4.8226	-0.50000	0.0	0.0	0.0
	46.00000	30.00000	0.00000	-4.2638	-0.50000	0.0	0.0	0.0
	47.00000	30.00000	0.00000	-3.7771	-0.50000	0.0	0.0	0.0
	48.00000	30.00000	0.00000	-3.3493	-0.50000	0.0	0.0	0.0
	49.00000	30.00000	0.00000	-2.9706	-0.50000	0.0	0.0	0.0
	50.00000	30.00000	0.00000	-2.6335	-0.50000	0.0	0.0	0.0
	51.00000	30.00000	0.00000	-2.3319	-0.50000	0.0	0.0	0.0
	52.00000	30.00000	0.00000	-2.0612	-0.50000	0.0	0.0	0.0
	53.00000	30.00000	0.00000	-1.8174	-0.50000	0.0	0.0	0.0
	54.00000	30.00000	0.00000	-1.5972	-0.50000	0.0	0.0	0.0
	55.00000	30.00000	0.00000	-1.3980	-0.50000	0.0	0.0	0.0
	56.00000	30.00000	0.00000	-1.2174	-0.50000	0.0	0.0	0.0
	57.00000	30.00000	0.00000	-1.0535	-0.50000	0.0	0.0	0.0
	58.00000	30.00000	0.00000	-0.90444	-0.50000	0.0	0.0	0.0
	59.00000	30.00000	0.00000	-0.76886	-0.50000	0.0	0.0	0.0
	60.00000	30.00000	0.00000	-0.64543	-0.50000	0.0	0.0	0.0
	-20.00000	31.00000	0.00000	-0.62211	-0.50000	0.0	0.0	0.0
	-19.00000	31.00000	0.00000	-0.74207	-0.50000	0.0	0.0	0.0
	-18.00000	31.00000	0.00000	-0.87366	-0.50000	0.0	0.0	0.0
	-17.00000	31.00000	0.00000	-1.0181	-0.50000	0.0	0.0	0.0
	-16.00000	31.00000	0.00000	-1.1767	-0.50000	0.0	0.0	0.0
	-15.00000	31.00000	0.00000	-1.3510	-0.50000	0.0	0.0	0.0
	-14.00000	31.00000	0.00000	-1.5429	-0.50000	0.0	0.0	0.0
	-13.00000	31.00000	0.00000	-1.7544	-0.50000	0.0	0.0	0.0
	-12.00000	31.00000	0.00000	-1.9878	-0.50000	0.0	0.0	0.0
	-11.00000	31.00000	0.00000	-2.2458	-0.50000	0.0	0.0	0.0
	-10.00000	31.00000	0.00000	-2.5319	-0.50000	0.0	0.0	0.0
	-9.00000	31.00000	0.00000	-2.8498	-0.50000	0.0	0.0	0.0
	-8.00000	31.00000	0.00000	-3.2041	-0.50000	0.0	0.0	0.0
	-7.00000	31.00000	0.00000	-3.6004	-0.50000	0.0	0.0	0.0
	-6.00000	31.00000	0.00000	-4.0455	-0.50000	0.0	0.0	0.0
	-5.00000	31.00000	0.00000	-4.5475	-0.50000	0.0	0.0	0.0
	-4.00000	31.00000	0.00000	-5.1162	-0.50000	0.0	0.0	0.0
	-3.00000	31.00000	0.00000	-5.7629	-0.50000	0.0	0.0	0.0
	-2.00000	31.00000	0.00000	-6.4983	-0.50000	0.0	0.0	0.0
	-1.00000	31.00000	0.00000	-7.3249	-0.50000	0.0	0.0	0.0
	0.00000	31.00000	0.00000	-8.2179	-0.50000	0.0	0.0	0.0
	1.00000	31.00000	0.00000	-9.1113	-0.50000	0.0	0.0	0.0
	2.00000	31.00000	0.00000	-9.9393	-0.50000	0.0	0.0	0.0
	3.00000	31.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	9.00000	31.00000	0.00000	-13.622	-0.50000	0.0	0.0	0.0
	10.00000	31.00000	0.00000	-13.949	-0.50000	0.0	0.0	0.0
	11.00000	31.00000	0.00000	-14.248	-0.50000	0.0	0.0	0.0
	12.00000	31.00000	0.00000	-14.524	-0.50000	0.0	0.0	0.0
	13.00000	31.00000	0.00000	-14.781	-0.50000	0.0	0.0	0.0
	14.00000	31.00000	0.00000	-15.026	-0.50000	0.0	0.0	0.0
	15.00000	31.00000	0.00000	-15.267	-0.50000	0.0	0.0	0.0
	16.00000	31.00000	0.00000	-15.513	-0.50000	0.0	0.0	0.0
	17.00000	31.00000	0.00000	-15.780	-0.50000	0.0	0.0	0.0
	18.00000	31.00000	0.00000	-16.093	-0.50000	0.0	0.0	0.0
	19.00000	31.00000	0.00000	-16.495	-0.50000	0.0	0.0	0.0
	20.00000	31.00000	0.00000	-17.083	-0.50000	0.0	0.0	0.0
	21.00000	31.00000	0.00000	-18.100	-0.50000	0.0	0.0	0.0
	22.00000	31.00000	0.00000	-21.220	-0.50000	0.0	0.0	0.0
	23.00000	31.00000	0.00000	-24.309	-0.50000	0.0	0.0	0.0
	24.00000	31.00000	0.00000	-25.236	-0.50000	0.0	0.0	0.0
	25.00000	31.00000	0.00000	-25.671	-0.50000	0.0	0.0	0.0
	26.00000	31.00000	0.00000	-25.856	-0.50000	0.0	0.0	0.0
	27.00000	31.00000	0.00000	-25.883	-0.50000	0.0	0.0	0.0
	28.00000	31.00000	0.00000	-25.792	-0.50000	0.0	0.0	0.0
	29.00000	31.00000	0.00000	-25.601	-0.50000	0.0	0.0	0.0
	30.00000	31.00000	0.00000	-25.315	-0.50000	0.0	0.0	0.0
	31.00000	31.00000	0.00000	-24.934	-0.50000	0.0	0.0	0.0
	32.00000	31.00000	0.00000	-24.446	-0.50000	0.0	0.0	0.0
	33.00000	31.00000	0.00000	-23.835	-0.50000	0.0	0.0	0.0
	34.00000	31.00000	0.00000	-23.070	-0.50000	0.0	0.0	0.0
	35.00000	31.00000	0.00000	-22.097	-0.50000	0.0	0.0	0.0
	36.00000	31.00000	0.00000	-20.813	-0.50000	0.0	0.0	0.0
	37.00000	31.00000	0.00000	-18.971	-0.50000	0.0	0.0	0.0
	38.00000	31.00000	0.00000	-14.924	-0.50000	0.0	0.0	0.0
	39.00000	31.00000	0.00000	-10.870	-0.50000	0.0	0.0	0.0
	40.00000	31.00000	0.00000	-9.0079	-0.50000	0.0	0.0	0.0
	41.00000	31.00000	0.00000	-7.6881	-0.50000	0.0	0.0	0.0
	42.00000	31.00000	0.00000	-6.6642	-0.50000	0.0	0.0	0.0
	43.00000	31.00000	0.00000	-5.8312	-0.50000	0.0	0.0	0.0
	44.00000	31.00000	0.00000	-5.1332	-0.50000	0.0	0.0	0.0
	45.00000	31.00000	0.00000	-4.5368	-0.50000	0.0	0.0	0.0
	46.00000	31.00000	0.00000	-4.0200	-0.50000	0.0	0.0	0.0
	47.00000	31.00000	0.00000	-3.5675	-0.50000	0.0	0.0	0.0
	48.00000	31.00000	0.00000	-3.1678	-0.50000	0.0	0.0	0.0
	49.00000	31.00000	0.00000	-2.8127	-0.50000	0.0	0.0	0.0
	50.00000	31.00000	0.00000	-2.4954	-0.50000	0.0	0.0	0.0
	51.00000	31.00000	0.00000	-2.2108	-0.50000	0.0	0.0	0.0
	52.00000	31.00000	0.00000	-1.9546	-0.50000	0.0	0.0	0.0
	53.00000	31.00000	0.00000	-1.7233	-0.50000	0.0	0.0	0.0
	54.00000	31.00000	0.00000	-1.5140	-0.50000	0.0	0.0	0.0
	55.00000	31.00000	0.00000	-1.3243	-0.50000	0.0	0.0	0.0
	56.00000	31.00000	0.00000	-1.1520	-0.50000	0.0	0.0	0.0
	57.00000	31.00000	0.00000	-0.99527	-0.50000	0.0	0.0	0.0
	58.00000	31.00000	0.00000	-0.85265	-0.50000	0.0	0.0	0.0
	59.00000	31.00000	0.00000	-0.72272	-0.50000	0.0	0.0	0.0
	60.00000	31.00000	0.00000	-0.60429	-0.50000	0.0	0.0	0.0
	-20.00000	32.00000	0.00000	-0.57485	-0.50000	0.0	0.0	0.0
	-19.00000	32.00000	0.00000	-0.68891	-0.50000	0.0	0.0	0.0
	-18.00000	32.00000	0.00000	-0.81378	-0.50000	0.0	0.0	0.0
	-17.00000	32.00000	0.00000	-0.95053	-0.50000	0.0	0.0	0.0
	-16.00000	32.00000	0.00000	-1.1004	-0.50000	0.0	0.0	0.0
	-15.00000	32.00000	0.00000	-1.2646	-0.50000	0.0	0.0	0.0
	-14.00000	32.00000	0.00000	-1.4448	-0.50000	0.0	0.0	0.0
	-13.00000	32.00000	0.00000	-1.6427	-0.50000	0.0	0.0	0.0
	-12.00000	32.00000	0.00000	-1.8603	-0.50000	0.0	0.0	0.0
	-11.00000	32.00000	0.00000	-2.0998	-0.50000	0.0	0.0	0.0
	-10.00000	32.00000	0.00000	-2.3638	-0.50000	0.0	0.0	0.0
	-9.00000	32.00000	0.00000	-2.6554	-0.50000	0.0	0.0	0.0
	-8.00000	32.00000	0.00000	-2.9778	-0.50000	0.0	0.0	0.0
	-7.00000	32.00000	0.00000	-3.3352	-0.50000	0.0	0.0	0.0
	-6.00000	32.00000	0.00000	-3.7319	-0.50000	0.0	0.0	0.0
	-5.00000	32.00000	0.00000	-4.1728	-0.50000	0.0	0.0	0.0
	-4.00000	32.00000	0.00000	-4.6630	-0.50000	0.0	0.0	0.0
	-3.00000	32.00000	0.00000	-5.2066	-0.50000	0.0	0.0	0.0
	-2.00000	32.00000	0.00000	-5.8049	-0.50000	0.0	0.0	0.0
	-1.00000	32.00000	0.00000	-6.4520	-0.50000	0.0	0.0	0.0
	0.00000	32.00000	0.00000	-7.1296	-0.50000	0.0	0.0	0.0
	1.00000	32.00000	0.00000	-7.8076	-0.50000	0.0	0.0	0.0
	2.00000	32.00000	0.00000	-8.4557	-0.50000	0.0	0.0	0.0
	3.00000	32.00000	0.00000	-9.0558	-0.50000	0.0	0.0	0.0
	4.00000	32.00000	0.00000	-9.6018	-0.50000	0.0	0.0	0.0
	5.00000	32.00000	0.00000	-10.095	-0.50000	0.0	0.0	0.0
	6.00000	32.00000	0.00000	-10.540	-0.50000	0.0	0.0	0.0
	7.00000	32.00000	0.00000	-10.941	-0.50000	0.0	0.0	0.0
	8.00000	32.00000	0.00000	-11.304	-0.50000	0.0	0.0	0.0
	9.00000	32.00000	0.00000	-11.634	-0.50000	0.0	0.0	0.0
	10.00000	32.00000	0.00000	-11.935	-0.50000	0.0	0.0	0.0
	11.00000	32.00000	0.00000	-12.211	-0.50000	0.0	0.0	0.0
	12.00000	32.00000	0.00000	-12.467	-0.50000	0.0	0.0	0.0
	13.00000	32.00000	0.00000	-12.708	-0.50000	0.0	0.0	0.0
	14.00000	32.00000	0.00000	-12.939	-0.50000	0.0	0.0	0.0
	15.00000	32.00000	0.00000	-13.167	-0.50000	0.0	0.0	0.0
	16.00000	32.00000	0.00000	-13.401	-0.50000	0.0	0.0	0.0
	17.00000	32.00000	0.00000	-13.653	-0.50000	0.0	0.0	0.0
	18.00000	32.00000	0.00000	-13.945	-0.50000	0.0	0.0	0.0
	19.00000	32.00000	0.00000	-14.312	-0.50000	0.0	0.0	0.0
	20.00000	32.00000	0.00000	-14.822	-0.50000	0.0	0.0	0.0
	21.00000	32.00000	0.00000	-15.625	-0.50000	0.0	0.0	0.0
	22.00000	32.00000	0.00000	-17.563	-0.50000	0.0	0.0	0.0
	23.00000	32.00000	0.00000	-19.473	-0.50000	0.0	0.0	0.0
	24.00000	32.00000	0.00000	-20.191	-0.50000	0.0	0.0	0.0
	25.00000	32.00000	0.00000	-20.559	-0.50000	0.0	0.0	0.0
	26.00000	32.00000	0.00000	-20.724	-0.50000	0.0	0.0	0.0
	27.00000	32.00000	0.00000	-20.752	-0.50000	0.0	0.0	0.0
	28.00000	32.00000	0.00000	-20.673	-0.50000	0.0	0.0	0.0
	29.00000	32.00000	0.00000	-20.503	-0.50000	0.0	0.0	0.0
	30.00000	32.00000	0.00000	-20.247	-0.50000	0.0	0.0	0.0
	31.00000	32.00000	0.00000	-19.905	-0.50000	0.0	0.0	0.0
	32.00000	32.00000	0.00000	-19.469	-0.50000	0.0	0.0	0.0
	33.00000	32.00000	0.00000	-18.927	-0.50000	0.0	0.0	0.0
	34.00000	32.00000	0.00000	-18.256	-0.50000	0.0	0.0	0.0
	35.00000	32.00000	0.00000	-17.420	-0.50000	0.0	0.0	0.0
	36.00000	32.00000	0.00000	-16.350	-0.50000	0.0	0.0	0.0
	37.00000	32.00000	0.00000	-14.904	-0.50000	0.0	0.0	0.0
	38.00000	32.00000	0.00000	-12.258	-0.50000	0.0	0.0	0.0
	39.00000	32.00000	0.00000	-9.6057	-0.50000	0.0	0.0	0.0
	40.00000	32.00000	0.00000	-8.1397	-0.50000	0.0	0.0	0.0
	41.00000	32.00000	0.00000	-7.0353	-0.50000	0.0	0.0	0.0
	42.00000	32.00000	0.00000	-6.1490	-0.50000	0.0	0.0	0.0
	43.00000	32.00000	0.00000	-5.4120	-0.50000	0.0	0.0	0.0
	44.00000	32.00000	0.00000	-4.7852	-0.50000	0.0	0.0	0.0
	45.00000	32.00000	0.00000	-4.2436	-0.50000	0.0	0.0	0.0
	46.00000	32.00000	0.00000	-3.7703	-0.50000	0.0	0.0	0.0
	47.00000	32.00000	0.00000	-3.3528	-0.50000	0.0	0.0	0.0
	48.00000	32.00000	0.00000	-2.9821	-0.50000	0.0	0.0	0.0
	49.00000	32.00000	0.00000	-2.6510	-0.50000	0.0	0.0	0.0
	50.00000	32.00000	0.00000	-2.3541	-0.50000	0.0	0.0	0.0
	51.00000	32.00000	0.00000	-2.0868	-0.50000	0.0	0.0	0.0
	52.00000	32.00000	0.00000	-1.8454	-0.50000	0.0	0.0	0.0
	53.00000	32.00000	0.00000	-1.6269	-0.50000	0.0	0.0	0.0
	54.00000	32.00000	0.00000	-1.4287	-0.50000	0.0	0.0	0.0
	55.00000	32.00000	0.00000	-1.2486	-0.50000	0.0	0.0	0.0
	56.00000	32.00000	0.00000	-1.0847	-0.50000	0.0	0.0	0.0
	57.00000	32.00000	0.00000	-0.93545	-0.50000	0.0	0.0	0.0
	58.00000	32.00000	0.00000	-0.79937	-0.50000	0.0	0.0	0.0
	59.00000	32.00000	0.00000	-0.67523	-0.50000	0.0	0.0	0.0
	60.00000	32.00000	0.00000	-0.56192	-0.50000	0.0	0.0	0.0
	-20.00000	33.00000	0.00000	-0.52685	-0.50000	0.0	0.0	0.0
	-19.00000	33.00000	0.00000	-0.63498	-0.50000	0.0	0.0	0.0
	-18.00000	33.00000	0.00000	-0.75312	-0.50000	0.0	0.0	0.0
	-17.00000	33.00000	0.00000	-0.88221	-0.50000	0.0	0.0	0.0
	-16.00000	33.00000	0.00000	-1.0233	-0.50000	0.0	0.0	0.0
	-15.00000	33.00000	0.00000	-1.1775	-0.50000	0.0	0.0	0.0
	-14.00000	33.00000	0.00000	-1.3462	-0.50000	0.0	0.0	0.0
	-13.00000	33.00000	0.00000	-1.5308	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-12.00000	33.00000	0.00000	-1.7329	-0.50000	0.0	0.0	0.0
	-11.00000	33.00000	0.00000	-1.9543	-0.50000	0.0	0.0	0.0
	-10.00000	33.00000	0.00000	-2.1970	-0.50000	0.0	0.0	0.0
	-9.00000	33.00000	0.00000	-2.4633	-0.50000	0.0	0.0	0.0
	-8.00000	33.00000	0.00000	-2.7557	-0.50000	0.0	0.0	0.0
	-7.00000	33.00000	0.00000	-3.0767	-0.50000	0.0	0.0	0.0
	-6.00000	33.00000	0.00000	-3.4292	-0.50000	0.0	0.0	0.0
	-5.00000	33.00000	0.00000	-3.8158	-0.50000	0.0	0.0	0.0
	-4.00000	33.00000	0.00000	-4.2386	-0.50000	0.0	0.0	0.0
	-3.00000	33.00000	0.00000	-4.6984	-0.50000	0.0	0.0	0.0
	-2.00000	33.00000	0.00000	-5.1932	-0.50000	0.0	0.0	0.0
	-1.00000	33.00000	0.00000	-5.7166	-0.50000	0.0	0.0	0.0
	0.00000	33.00000	0.00000	-6.2566	-0.50000	0.0	0.0	0.0
	1.00000	33.00000	0.00000	-6.7969	-0.50000	0.0	0.0	0.0
	2.00000	33.00000	0.00000	-7.3211	-0.50000	0.0	0.0	0.0
	3.00000	33.00000	0.00000	-7.8172	-0.50000	0.0	0.0	0.0
	4.00000	33.00000	0.00000	-8.2788	-0.50000	0.0	0.0	0.0
	5.00000	33.00000	0.00000	-8.7040	-0.50000	0.0	0.0	0.0
	6.00000	33.00000	0.00000	-9.0937	-0.50000	0.0	0.0	0.0
	7.00000	33.00000	0.00000	-9.4500	-0.50000	0.0	0.0	0.0
	8.00000	33.00000	0.00000	-9.7760	-0.50000	0.0	0.0	0.0
	9.00000	33.00000	0.00000	-10.075	-0.50000	0.0	0.0	0.0
	10.00000	33.00000	0.00000	-10.349	-0.50000	0.0	0.0	0.0
	11.00000	33.00000	0.00000	-10.604	-0.50000	0.0	0.0	0.0
	12.00000	33.00000	0.00000	-10.841	-0.50000	0.0	0.0	0.0
	13.00000	33.00000	0.00000	-11.064	-0.50000	0.0	0.0	0.0
	14.00000	33.00000	0.00000	-11.280	-0.50000	0.0	0.0	0.0
	15.00000	33.00000	0.00000	-11.492	-0.50000	0.0	0.0	0.0
	16.00000	33.00000	0.00000	-11.709	-0.50000	0.0	0.0	0.0
	17.00000	33.00000	0.00000	-11.940	-0.50000	0.0	0.0	0.0
	18.00000	33.00000	0.00000	-12.200	-0.50000	0.0	0.0	0.0
	19.00000	33.00000	0.00000	-12.513	-0.50000	0.0	0.0	0.0
	20.00000	33.00000	0.00000	-12.911	-0.50000	0.0	0.0	0.0
	21.00000	33.00000	0.00000	-13.443	-0.50000	0.0	0.0	0.0
	22.00000	33.00000	0.00000	-14.121	-0.50000	0.0	0.0	0.0
	23.00000	33.00000	0.00000	-14.774	-0.50000	0.0	0.0	0.0
	24.00000	33.00000	0.00000	-15.228	-0.50000	0.0	0.0	0.0
	25.00000	33.00000	0.00000	-15.495	-0.50000	0.0	0.0	0.0
	26.00000	33.00000	0.00000	-15.621	-0.50000	0.0	0.0	0.0
	27.00000	33.00000	0.00000	-15.637	-0.50000	0.0	0.0	0.0
	28.00000	33.00000	0.00000	-15.564	-0.50000	0.0	0.0	0.0
	29.00000	33.00000	0.00000	-15.411	-0.50000	0.0	0.0	0.0
	30.00000	33.00000	0.00000	-15.182	-0.50000	0.0	0.0	0.0
	31.00000	33.00000	0.00000	-14.877	-0.50000	0.0	0.0	0.0
	32.00000	33.00000	0.00000	-14.491	-0.50000	0.0	0.0	0.0
	33.00000	33.00000	0.00000	-14.017	-0.50000	0.0	0.0	0.0
	34.00000	33.00000	0.00000	-13.440	-0.50000	0.0	0.0	0.0
	35.00000	33.00000	0.00000	-12.740	-0.50000	0.0	0.0	0.0
	36.00000	33.00000	0.00000	-11.884	-0.50000	0.0	0.0	0.0
	37.00000	33.00000	0.00000	-10.835	-0.50000	0.0	0.0	0.0
	38.00000	33.00000	0.00000	-9.5896	-0.50000	0.0	0.0	0.0
	39.00000	33.00000	0.00000	-8.3380	-0.50000	0.0	0.0	0.0
	40.00000	33.00000	0.00000	-7.2684	-0.50000	0.0	0.0	0.0
	41.00000	33.00000	0.00000	-6.3795	-0.50000	0.0	0.0	0.0
	42.00000	33.00000	0.00000	-5.6308	-0.50000	0.0	0.0	0.0
	43.00000	33.00000	0.00000	-4.9900	-0.50000	0.0	0.0	0.0
	44.00000	33.00000	0.00000	-4.4345	-0.50000	0.0	0.0	0.0
	45.00000	33.00000	0.00000	-3.9478	-0.50000	0.0	0.0	0.0
	46.00000	33.00000	0.00000	-3.5179	-0.50000	0.0	0.0	0.0
	47.00000	33.00000	0.00000	-3.1357	-0.50000	0.0	0.0	0.0
	48.00000	33.00000	0.00000	-2.7940	-0.50000	0.0	0.0	0.0
	49.00000	33.00000	0.00000	-2.4872	-0.50000	0.0	0.0	0.0
	50.00000	33.00000	0.00000	-2.2107	-0.50000	0.0	0.0	0.0
	51.00000	33.00000	0.00000	-1.9608	-0.50000	0.0	0.0	0.0
	52.00000	33.00000	0.00000	-1.7344	-0.50000	0.0	0.0	0.0
	53.00000	33.00000	0.00000	-1.5288	-0.50000	0.0	0.0	0.0
	54.00000	33.00000	0.00000	-1.3418	-0.50000	0.0	0.0	0.0
	55.00000	33.00000	0.00000	-1.1714	-0.50000	0.0	0.0	0.0
	56.00000	33.00000	0.00000	-1.0161	-0.50000	0.0	0.0	0.0
	57.00000	33.00000	0.00000	-0.87440	-0.50000	0.0	0.0	0.0
	58.00000	33.00000	0.00000	-0.74496	-0.50000	0.0	0.0	0.0
	59.00000	33.00000	0.00000	-0.62669	-0.50000	0.0	0.0	0.0
	60.00000	33.00000	0.00000	-0.51859	-0.50000	0.0	0.0	0.0
	-20.00000	34.00000	0.00000	-0.47842	-0.50000	0.0	0.0	0.0
	-19.00000	34.00000	0.00000	-0.58064	-0.50000	0.0	0.0	0.0
	-18.00000	34.00000	0.00000	-0.69209	-0.50000	0.0	0.0	0.0
	-17.00000	34.00000	0.00000	-0.81360	-0.50000	0.0	0.0	0.0
	-16.00000	34.00000	0.00000	-0.94605	-0.50000	0.0	0.0	0.0
	-15.00000	34.00000	0.00000	-1.0904	-0.50000	0.0	0.0	0.0
	-14.00000	34.00000	0.00000	-1.2478	-0.50000	0.0	0.0	0.0
	-13.00000	34.00000	0.00000	-1.4195	-0.50000	0.0	0.0	0.0
	-12.00000	34.00000	0.00000	-1.6066	-0.50000	0.0	0.0	0.0
	-11.00000	34.00000	0.00000	-1.8106	-0.50000	0.0	0.0	0.0
	-10.00000	34.00000	0.00000	-2.0331	-0.50000	0.0	0.0	0.0
	-9.00000	34.00000	0.00000	-2.2756	-0.50000	0.0	0.0	0.0
	-8.00000	34.00000	0.00000	-2.5400	-0.50000	0.0	0.0	0.0
	-7.00000	34.00000	0.00000	-2.8278	-0.50000	0.0	0.0	0.0
	-6.00000	34.00000	0.00000	-3.1407	-0.50000	0.0	0.0	0.0
	-5.00000	34.00000	0.00000	-3.4798	-0.50000	0.0	0.0	0.0
	-4.00000	34.00000	0.00000	-3.8458	-0.50000	0.0	0.0	0.0
	-3.00000	34.00000	0.00000	-4.2378	-0.50000	0.0	0.0	0.0
	-2.00000	34.00000	0.00000	-4.6532	-0.50000	0.0	0.0	0.0
	-1.00000	34.00000	0.00000	-5.0868	-0.50000	0.0	0.0	0.0
	0.00000	34.00000	0.00000	-5.5304	-0.50000	0.0	0.0	0.0
	1.00000	34.00000	0.00000	-5.9743	-0.50000	0.0	0.0	0.0
	2.00000	34.00000	0.00000	-6.4084	-0.50000	0.0	0.0	0.0
	3.00000	34.00000	0.00000	-6.8248	-0.50000	0.0	0.0	0.0
	4.00000	34.00000	0.00000	-7.2182	-0.50000	0.0	0.0	0.0
	5.00000	34.00000	0.00000	-7.5860	-0.50000	0.0	0.0	0.0
	6.00000	34.00000	0.00000	-7.9276	-0.50000	0.0	0.0	0.0
	7.00000	34.00000	0.00000	-8.2436	-0.50000	0.0	0.0	0.0
	8.00000	34.00000	0.00000	-8.5355	-0.50000	0.0	0.0	0.0
	9.00000	34.00000	0.00000	-8.8053	-0.50000	0.0	0.0	0.0
	10.00000	34.00000	0.00000	-9.0552	-0.50000	0.0	0.0	0.0
	11.00000	34.00000	0.00000	-9.2877	-0.50000	0.0	0.0	0.0
	12.00000	34.00000	0.00000	-9.5056	-0.50000	0.0	0.0	0.0
	13.00000	34.00000	0.00000	-9.7120	-0.50000	0.0	0.0	0.0
	14.00000	34.00000	0.00000	-9.9105	-0.50000	0.0	0.0	0.0
	15.00000	34.00000	0.00000	-10.106	-0.50000	0.0	0.0	0.0
	16.00000	34.00000	0.00000	-10.303	-0.50000	0.0	0.0	0.0
	17.00000	34.00000	0.00000	-10.509	-0.50000	0.0	0.0	0.0
	18.00000	34.00000	0.00000	-10.734	-0.50000	0.0	0.0	0.0
	19.00000	34.00000	0.00000	-10.989	-0.50000	0.0	0.0	0.0
	20.00000	34.00000	0.00000	-11.288	-0.50000	0.0	0.0	0.0
	21.00000	34.00000	0.00000	-11.637	-0.50000	0.0	0.0	0.0
	22.00000	34.00000	0.00000	-12.019	-0.50000	0.0	0.0	0.0
	23.00000	34.00000	0.00000	-12.377	-0.50000	0.0	0.0	0.0
	24.00000	34.00000	0.00000	-12.654	-0.50000	0.0	0.0	0.0
	25.00000	34.00000	0.00000	-12.832	-0.50000	0.0	0.0	0.0
	26.00000	34.00000	0.00000	-12.916	-0.50000	0.0	0.0	0.0
	27.00000	34.00000	0.00000	-12.917	-0.50000	0.0	0.0	0.0
	28.00000	34.00000	0.00000	-12.845	-0.50000	0.0	0.0	0.0
	29.00000	34.00000	0.00000	-12.705	-0.50000	0.0	0.0	0.0
	30.00000	34.00000	0.00000	-12.500	-0.50000	0.0	0.0	0.0
	31.00000	34.00000	0.00000	-12.230	-0.50000	0.0	0.0	0.0
	32.00000	34.00000	0.00000	-11.892	-0.50000	0.0	0.0	0.0
	33.00000	34.00000	0.00000	-11.482	-0.50000	0.0	0.0	0.0
	34.00000	34.00000	0.00000	-10.992	-0.50000	0.0	0.0	0.0
	35.00000	34.00000	0.00000	-10.413	-0.50000	0.0	0.0	0.0
	36.00000	34.00000	0.00000	-9.7359	-0.50000	0.0	0.0	0.0
	37.00000	34.00000	0.00000	-8.9599	-0.50000	0.0	0.0	0.0
	38.00000	34.00000	0.00000	-8.1107	-0.50000	0.0	0.0	0.0
	39.00000	34.00000	0.00000	-7.2553	-0.50000	0.0	0.0	0.0
	40.00000	34.00000	0.00000	-6.4603	-0.50000	0.0	0.0	0.0
	41.00000	34.00000	0.00000	-5.7512	-0.50000	0.0	0.0	0.0
	42.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	48.00000	34.00000	0.00000	-2.6057	-0.50000	0.0	0.0	0.0
	49.00000	34.00000	0.00000	-2.3228	-0.50000	0.0	0.0	0.0
	50.00000	34.00000	0.00000	-2.0666	-0.50000	0.0	0.0	0.0
	51.00000	34.00000	0.00000	-1.8340	-0.50000	0.0	0.0	0.0
	52.00000	34.00000	0.00000	-1.6224	-0.50000	0.0	0.0	0.0
	53.00000	34.00000	0.00000	-1.4297	-0.50000	0.0	0.0	0.0
	54.00000	34.00000	0.00000	-1.2539	-0.50000	0.0	0.0	0.0
	55.00000	34.00000	0.00000	-1.0934	-0.50000	0.0	0.0	0.0
	56.00000	34.00000	0.00000	-0.94669	-0.50000	0.0	0.0	0.0
	57.00000	34.00000	0.00000	-0.81252	-0.50000	0.0	0.0	0.0
	58.00000	34.00000	0.00000	-0.68976	-0.50000	0.0	0.0	0.0
	59.00000	34.00000	0.00000	-0.57741	-0.50000	0.0	0.0	0.0
	60.00000	34.00000	0.00000	-0.47456	-0.50000	0.0	0.0	0.0
	-20.00000	35.00000	0.00000	-0.42985	-0.50000	0.0	0.0	0.0
	-19.00000	35.00000	0.00000	-0.52624	-0.50000	0.0	0.0	0.0
	-18.00000	35.00000	0.00000	-0.63110	-0.50000	0.0	0.0	0.0
	-17.00000	35.00000	0.00000	-0.74516	-0.50000	0.0	0.0	0.0
	-16.00000	35.00000	0.00000	-0.86918	-0.50000	0.0	0.0	0.0
	-15.00000	35.00000	0.00000	-1.0040	-0.50000	0.0	0.0	0.0
	-14.00000	35.00000	0.00000	-1.1504	-0.50000	0.0	0.0	0.0
	-13.00000	35.00000	0.00000	-1.3096	-0.50000	0.0	0.0	0.0
	-12.00000	35.00000	0.00000	-1.4823	-0.50000	0.0	0.0	0.0
	-11.00000	35.00000	0.00000	-1.6699	-0.50000	0.0	0.0	0.0
	-10.00000	35.00000	0.00000	-1.8733	-0.50000	0.0	0.0	0.0
	-9.00000	35.00000	0.00000	-2.0937	-0.50000	0.0	0.0	0.0
	-8.00000	35.00000	0.00000	-2.3323	-0.50000	0.0	0.0	0.0
	-7.00000	35.00000	0.00000	-2.5901	-0.50000	0.0	0.0	0.0
	-6.00000	35.00000	0.00000	-2.8679	-0.50000	0.0	0.0	0.0
	-5.00000	35.00000	0.00000	-3.1660	-0.50000	0.0	0.0	0.0
	-4.00000	35.00000	0.00000	-3.4842	-0.50000	0.0	0.0	0.0
	-3.00000	35.00000	0.00000	-3.8213	-0.50000	0.0	0.0	0.0
	-2.00000	35.00000	0.00000	-4.1746	-0.50000	0.0	0.0	0.0
	-1.00000	35.00000	0.00000	-4.5401	-0.50000	0.0	0.0	0.0
	0.00000	35.00000	0.00000	-4.9121	-0.50000	0.0	0.0	0.0
	1.00000	35.00000	0.00000	-5.2843	-0.50000	0.0	0.0	0.0
	2.00000	35.00000	0.00000	-5.6502	-0.50000	0.0	0.0	0.0
	3.00000	35.00000	0.00000	-6.0042	-0.50000	0.0	0.0	0.0
	4.00000	35.00000	0.00000	-6.3422	-0.50000	0.0	0.0	0.0
	5.00000	35.00000	0.00000	-6.6618	-0.50000	0.0	0.0	0.0
	6.00000	35.00000	0.00000	-6.9617	-0.50000	0.0	0.0	0.0
	7.00000	35.00000	0.00000	-7.2419	-0.50000	0.0	0.0	0.0
	8.00000	35.00000	0.00000	-7.5029	-0.50000	0.0	0.0	0.0
	9.00000	35.00000	0.00000	-7.7460	-0.50000	0.0	0.0	0.0
	10.00000	35.00000	0.00000	-7.9725	-0.50000	0.0	0.0	0.0
	11.00000	35.00000	0.00000	-8.1844	-0.50000	0.0	0.0	0.0
	12.00000	35.00000	0.00000	-8.3836	-0.50000	0.0	0.0	0.0
	13.00000	35.00000	0.00000	-8.5725	-0.50000	0.0	0.0	0.0
	14.00000	35.00000	0.00000	-8.7539	-0.50000	0.0	0.0	0.0
	15.00000	35.00000	0.00000	-8.9311	-0.50000	0.0	0.0	0.0
	16.00000	35.00000	0.00000	-9.1079	-0.50000	0.0	0.0	0.0
	17.00000	35.00000	0.00000	-9.2890	-0.50000	0.0	0.0	0.0
	18.00000	35.00000	0.00000	-9.4795	-0.50000	0.0	0.0	0.0
	19.00000	35.00000	0.00000	-9.6848	-0.50000	0.0	0.0	0.0
	20.00000	35.00000	0.00000	-9.9084	-0.50000	0.0	0.0	0.0
	21.00000	35.00000	0.00000	-10.148	-0.50000	0.0	0.0	0.0
	22.00000	35.00000	0.00000	-10.390	-0.50000	0.0	0.0	0.0
	23.00000	35.00000	0.00000	-10.610	-0.50000	0.0	0.0	0.0
	24.00000	35.00000	0.00000	-10.783	-0.50000	0.0	0.0	0.0
	25.00000	35.00000	0.00000	-10.896	-0.50000	0.0	0.0	0.0
	26.00000	35.00000	0.00000	-10.945	-0.50000	0.0	0.0	0.0
	27.00000	35.00000	0.00000	-10.931	-0.50000	0.0	0.0	0.0
	28.00000	35.00000	0.00000	-10.859	-0.50000	0.0	0.0	0.0
	29.00000	35.00000	0.00000	-10.730	-0.50000	0.0	0.0	0.0
	30.00000	35.00000	0.00000	-10.546	-0.50000	0.0	0.0	0.0
	31.00000	35.00000	0.00000	-10.308	-0.50000	0.0	0.0	0.0
	32.00000	35.00000	0.00000	-10.013	-0.50000	0.0	0.0	0.0
	33.00000	35.00000	0.00000	-9.6607	-0.50000	0.0	0.0	0.0
	34.00000	35.00000	0.00000	-9.2467	-0.50000	0.0	0.0	0.0
	35.00000	35.00000	0.00000	-8.7691	-0.50000	0.0	0.0	0.0
	36.00000	35.00000	0.00000	-8.2280	-0.50000	0.0	0.0	0.0
	37.00000	35.00000	0.00000	-7.6306	-0.50000	0.0	0.0	0.0
	38.00000	35.00000	0.00000	-6.9963	-0.50000	0.0	0.0	0.0
	39.00000	35.00000	0.00000	-6.3560	-0.50000	0.0	0.0	0.0
	40.00000	35.00000	0.00000	-5.7406	-0.50000	0.0	0.0	0.0
	41.00000	35.00000	0.00000	-5.1691	-0.50000	0.0	0.0	0.0
	42.00000	35.00000	0.00000	-4.6479	-0.50000	0.0	0.0	0.0
	43.00000	35.00000	0.00000	-4.1764	-0.50000	0.0	0.0	0.0
	44.00000	35.00000	0.00000	-3.7509	-0.50000	0.0	0.0	0.0
	45.00000	35.00000	0.00000	-3.3667	-0.50000	0.0	0.0	0.0
	46.00000	35.00000	0.00000	-3.0193	-0.50000	0.0	0.0	0.0
	47.00000	35.00000	0.00000	-2.7047	-0.50000	0.0	0.0	0.0
	48.00000	35.00000	0.00000	-2.4191	-0.50000	0.0	0.0	0.0
	49.00000	35.00000	0.00000	-2.1595	-0.50000	0.0	0.0	0.0
	50.00000	35.00000	0.00000	-1.9231	-0.50000	0.0	0.0	0.0
	51.00000	35.00000	0.00000	-1.7074	-0.50000	0.0	0.0	0.0
	52.00000	35.00000	0.00000	-1.5105	-0.50000	0.0	0.0	0.0
	53.00000	35.00000	0.00000	-1.3305	-0.50000	0.0	0.0	0.0
	54.00000	35.00000	0.00000	-1.1658	-0.50000	0.0	0.0	0.0
	55.00000	35.00000	0.00000	-1.0150	-0.50000	0.0	0.0	0.0
	56.00000	35.00000	0.00000	-0.87681	-0.50000	0.0	0.0	0.0
	57.00000	35.00000	0.00000	-0.75018	-0.50000	0.0	0.0	0.0
	58.00000	35.00000	0.00000	-0.63410	-0.50000	0.0	0.0	0.0
	59.00000	35.00000	0.00000	-0.52766	-0.50000	0.0	0.0	0.0
	60.00000	35.00000	0.00000	-0.43007	-0.50000	0.0	0.0	0.0
	-20.00000	36.00000	0.00000	-0.38144	-0.50000	0.0	0.0	0.0
	-19.00000	36.00000	0.00000	-0.47209	-0.50000	0.0	0.0	0.0
	-18.00000	36.00000	0.00000	-0.57052	-0.50000	0.0	0.0	0.0
	-17.00000	36.00000	0.00000	-0.67732	-0.50000	0.0	0.0	0.0
	-16.00000	36.00000	0.00000	-0.79314	-0.50000	0.0	0.0	0.0
	-15.00000	36.00000	0.00000	-0.91867	-0.50000	0.0	0.0	0.0
	-14.00000	36.00000	0.00000	-1.0546	-0.50000	0.0	0.0	0.0
	-13.00000	36.00000	0.00000	-1.2018	-0.50000	0.0	0.0	0.0
	-12.00000	36.00000	0.00000	-1.3610	-0.50000	0.0	0.0	0.0
	-11.00000	36.00000	0.00000	-1.5330	-0.50000	0.0	0.0	0.0
	-10.00000	36.00000	0.00000	-1.7186	-0.50000	0.0	0.0	0.0
	-9.00000	36.00000	0.00000	-1.9187	-0.50000	0.0	0.0	0.0
	-8.00000	36.00000	0.00000	-2.1339	-0.50000	0.0	0.0	0.0
	-7.00000	36.00000	0.00000	-2.3648	-0.50000	0.0	0.0	0.0
	-6.00000	36.00000	0.00000	-2.6116	-0.50000	0.0	0.0	0.0
	-5.00000	36.00000	0.00000	-2.8744	-0.50000	0.0	0.0	0.0
	-4.00000	36.00000	0.00000	-3.1524	-0.50000	0.0	0.0	0.0
	-3.00000	36.00000	0.00000	-3.4444	-0.50000	0.0	0.0	0.0
	-2.00000	36.00000	0.00000	-3.7481	-0.50000	0.0	0.0	0.0
	-1.00000	36.00000	0.00000	-4.0603	-0.50000	0.0	0.0	0.0
	0.00000	36.00000	0.00000	-4.3770	-0.50000	0.0	0.0	0.0
	1.00000	36.00000	0.00000	-4.6939	-0.50000	0.0	0.0	0.0
	2.00000	36.00000	0.00000	-5.0063	-0.50000	0.0	0.0	0.0
	3.00000	36.00000	0.00000	-5.3104	-0.50000	0.0	0.0	0.0
	4.00000	36.00000	0.00000	-5.6030	-0.50000	0.0	0.0	0.0
	5.00000	36.00000	0.00000	-5.8819	-0.50000	0.0	0.0	0.0
	6.00000	36.00000	0.00000	-6.1459	-0.50000	0.0	0.0	0.0
	7.00000	36.00000	0.00000	-6.3945	-0.50000	0.0	0.0	0.0
	8.00000	36.00000	0.00000	-6.6278	-0.50000	0.0	0.0	0.0
	9.00000	36.00000	0.00000	-6.8463	-0.50000	0.0	0.0	0.0
	10.00000	36.00000	0.00000	-7.0511	-0.50000	0.0	0.0	0.0
	11.00000	36.00000	0.00000	-7.2434	-0.50000	0.0	0.0	0.0
	12.00000	36.00000	0.00000	-7.4246	-0.50000	0.0	0.0	0.0
	13.00000	36.00000	0.00000	-7.5965	-0.50000	0.0	0.0	0.0
	14.00000	36.00000	0.00000	-7.7611	-0.50000	0.0	0.0	0.0
	15.00000	36.00000	0.00000	-7.9206	-0.50000	0.0	0.0	0.0
	16.00000	36.00000	0.00000	-8.0777	-0.50000	0.0	0.0	0.0
	17.00000	36.00000	0.00000	-8.2350	-0.50000	0.0	0.0	0.0
	18.00000	36.00000	0.00000	-8.3953	-0.50000	0.0	0.0	0.0
	19.00000	36.00000	0.00000	-8.5603	-0.50000	0.0	0.0	0.0
	20.00000	36.00000	0.00000	-8.7301	-0.50000	0.0	0.0	0.0
	21.00000	36.00000	0.00000	-8.9011	-0.50000	0.0	0.0	0.0
	22.00000	36.00000	0.00000	-9.0646	-0.50000	0.0	0.0	0.0
	23.00000	36.00000	0.00000	-9.2080	-0.50000	0.0	0.0	0.0
	24.00000	36.00000	0.00000	-9.3187	-0.50000	0.0	0.0	0.0
	25.00000	36.00000	0.00000	-9.3874	-0.50000	0.0	0.0	0.0
	26.00000	36.00000	0.00000	-9.4097	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	27.00000	36.00000	0.00000	-9.3844	-0.50000	0.0	0.0	0.0
	28.00000	36.00000	0.00000	-9.3121	-0.50000	0.0	0.0	0.0
	29.00000	36.00000	0.00000	-9.1934	-0.50000	0.0	0.0	0.0
	30.00000	36.00000	0.00000	-9.0290	-0.50000	0.0	0.0	0.0
	31.00000	36.00000	0.00000	-8.8189	-0.50000	0.0	0.0	0.0
	32.00000	36.00000	0.00000	-8.5628	-0.50000	0.0	0.0	0.0
	33.00000	36.00000	0.00000	-8.2600	-0.50000	0.0	0.0	0.0
	34.00000	36.00000	0.00000	-7.9103	-0.50000	0.0	0.0	0.0
	35.00000	36.00000	0.00000	-7.5142	-0.50000	0.0	0.0	0.0
	36.00000	36.00000	0.00000	-7.0749	-0.50000	0.0	0.0	0.0
	37.00000	36.00000	0.00000	-6.6000	-0.50000	0.0	0.0	0.0
	38.00000	36.00000	0.00000	-6.1023	-0.50000	0.0	0.0	0.0
	39.00000	36.00000	0.00000	-5.5990	-0.50000	0.0	0.0	0.0
	40.00000	36.00000	0.00000	-5.1071	-0.50000	0.0	0.0	0.0
	41.00000	36.00000	0.00000	-4.6392	-0.50000	0.0	0.0	0.0
	42.00000	36.00000	0.00000	-4.2023	-0.50000	0.0	0.0	0.0
	43.00000	36.00000	0.00000	-3.7987	-0.50000	0.0	0.0	0.0
	44.00000	36.00000	0.00000	-3.4282	-0.50000	0.0	0.0	0.0
	45.00000	36.00000	0.00000	-3.0890	-0.50000	0.0	0.0	0.0
	46.00000	36.00000	0.00000	-2.7788	-0.50000	0.0	0.0	0.0
	47.00000	36.00000	0.00000	-2.4952	-0.50000	0.0	0.0	0.0
	48.00000	36.00000	0.00000	-2.2359	-0.50000	0.0	0.0	0.0
	49.00000	36.00000	0.00000	-1.9985	-0.50000	0.0	0.0	0.0
	50.00000	36.00000	0.00000	-1.7812	-0.50000	0.0	0.0	0.0
	51.00000	36.00000	0.00000	-1.5820	-0.50000	0.0	0.0	0.0
	52.00000	36.00000	0.00000	-1.3993	-0.50000	0.0	0.0	0.0
	53.00000	36.00000	0.00000	-1.2318	-0.50000	0.0	0.0	0.0
	54.00000	36.00000	0.00000	-1.0779	-0.50000	0.0	0.0	0.0
	55.00000	36.00000	0.00000	-0.93668	-0.50000	0.0	0.0	0.0
	56.00000	36.00000	0.00000	-0.80695	-0.50000	0.0	0.0	0.0
	57.00000	36.00000	0.00000	-0.68777	-0.50000	0.0	0.0	0.0
	58.00000	36.00000	0.00000	-0.57830	-0.50000	0.0	0.0	0.0
	59.00000	36.00000	0.00000	-0.47773	-0.50000	0.0	0.0	0.0
	60.00000	36.00000	0.00000	-0.38538	-0.50000	0.0	0.0	0.0
	-20.00000	37.00000	0.00000	-0.33343	-0.50000	0.0	0.0	0.0
	-19.00000	37.00000	0.00000	-0.41849	-0.50000	0.0	0.0	0.0
	-18.00000	37.00000	0.00000	-0.51066	-0.50000	0.0	0.0	0.0
	-17.00000	37.00000	0.00000	-0.61043	-0.50000	0.0	0.0	0.0
	-16.00000	37.00000	0.00000	-0.71835	-0.50000	0.0	0.0	0.0
	-15.00000	37.00000	0.00000	-0.83499	-0.50000	0.0	0.0	0.0
	-14.00000	37.00000	0.00000	-0.96094	-0.50000	0.0	0.0	0.0
	-13.00000	37.00000	0.00000	-1.0968	-0.50000	0.0	0.0	0.0
	-12.00000	37.00000	0.00000	-1.2432	-0.50000	0.0	0.0	0.0
	-11.00000	37.00000	0.00000	-1.4007	-0.50000	0.0	0.0	0.0
	-10.00000	37.00000	0.00000	-1.5698	-0.50000	0.0	0.0	0.0
	-9.00000	37.00000	0.00000	-1.7512	-0.50000	0.0	0.0	0.0
	-8.00000	37.00000	0.00000	-1.9453	-0.50000	0.0	0.0	0.0
	-7.00000	37.00000	0.00000	-2.1521	-0.50000	0.0	0.0	0.0
	-6.00000	37.00000	0.00000	-2.3719	-0.50000	0.0	0.0	0.0
	-5.00000	37.00000	0.00000	-2.6042	-0.50000	0.0	0.0	0.0
	-4.00000	37.00000	0.00000	-2.8483	-0.50000	0.0	0.0	0.0
	-3.00000	37.00000	0.00000	-3.1029	-0.50000	0.0	0.0	0.0
	-2.00000	37.00000	0.00000	-3.3661	-0.50000	0.0	0.0	0.0
	-1.00000	37.00000	0.00000	-3.6356	-0.50000	0.0	0.0	0.0
	0.00000	37.00000	0.00000	-3.9083	-0.50000	0.0	0.0	0.0
	1.00000	37.00000	0.00000	-4.1810	-0.50000	0.0	0.0	0.0
	2.00000	37.00000	0.00000	-4.4505	-0.50000	0.0	0.0	0.0
	3.00000	37.00000	0.00000	-4.7140	-0.50000	0.0	0.0	0.0
	4.00000	37.00000	0.00000	-4.9689	-0.50000	0.0	0.0	0.0
	5.00000	37.00000	0.00000	-5.2134	-0.50000	0.0	0.0	0.0
	6.00000	37.00000	0.00000	-5.4464	-0.50000	0.0	0.0	0.0
	7.00000	37.00000	0.00000	-5.6672	-0.50000	0.0	0.0	0.0
	8.00000	37.00000	0.00000	-5.8756	-0.50000	0.0	0.0	0.0
	9.00000	37.00000	0.00000	-6.0719	-0.50000	0.0	0.0	0.0
	10.00000	37.00000	0.00000	-6.2566	-0.50000	0.0	0.0	0.0
	11.00000	37.00000	0.00000	-6.4305	-0.50000	0.0	0.0	0.0
	12.00000	37.00000	0.00000	-6.5947	-0.50000	0.0	0.0	0.0
	13.00000	37.00000	0.00000	-6.7503	-0.50000	0.0	0.0	0.0
	14.00000	37.00000	0.00000	-6.8988	-0.50000	0.0	0.0	0.0
	15.00000	37.00000	0.00000	-7.0415	-0.50000	0.0	0.0	0.0
	16.00000	37.00000	0.00000	-7.1802	-0.50000	0.0	0.0	0.0
	17.00000	37.00000	0.00000	-7.3163	-0.50000	0.0	0.0	0.0
	18.00000	37.00000	0.00000	-7.4509	-0.50000	0.0	0.0	0.0
	19.00000	37.00000	0.00000	-7.5844	-0.50000	0.0	0.0	0.0
	20.00000	37.00000	0.00000	-7.7157	-0.50000	0.0	0.0	0.0
	21.00000	37.00000	0.00000	-7.8416	-0.50000	0.0	0.0	0.0
	22.00000	37.00000	0.00000	-7.9565	-0.50000	0.0	0.0	0.0
	23.00000	37.00000	0.00000	-8.0531	-0.50000	0.0	0.0	0.0
	24.00000	37.00000	0.00000	-8.1241	-0.50000	0.0	0.0	0.0
	25.00000	37.00000	0.00000	-8.1634	-0.50000	0.0	0.0	0.0
	26.00000	37.00000	0.00000	-8.1674	-0.50000	0.0	0.0	0.0
	27.00000	37.00000	0.00000	-8.1341	-0.50000	0.0	0.0	0.0
	28.00000	37.00000	0.00000	-8.0628	-0.50000	0.0	0.0	0.0
	29.00000	37.00000	0.00000	-7.9535	-0.50000	0.0	0.0	0.0
	30.00000	37.00000	0.00000	-7.8062	-0.50000	0.0	0.0	0.0
	31.00000	37.00000	0.00000	-7.6212	-0.50000	0.0	0.0	0.0
	32.00000	37.00000	0.00000	-7.3985	-0.50000	0.0	0.0	0.0
	33.00000	37.00000	0.00000	-7.1385	-0.50000	0.0	0.0	0.0
	34.00000	37.00000	0.00000	-6.8420	-0.50000	0.0	0.0	0.0
	35.00000	37.00000	0.00000	-6.5109	-0.50000	0.0	0.0	0.0
	36.00000	37.00000	0.00000	-6.1489	-0.50000	0.0	0.0	0.0
	37.00000	37.00000	0.00000	-5.7623	-0.50000	0.0	0.0	0.0
	38.00000	37.00000	0.00000	-5.3597	-0.50000	0.0	0.0	0.0
	39.00000	37.00000	0.00000	-4.9520	-0.50000	0.0	0.0	0.0
	40.00000	37.00000	0.00000	-4.5494	-0.50000	0.0	0.0	0.0
	41.00000	37.00000	0.00000	-4.1607	-0.50000	0.0	0.0	0.0
	42.00000	37.00000	0.00000	-3.7915	-0.50000	0.0	0.0	0.0
	43.00000	37.00000	0.00000	-3.4451	-0.50000	0.0	0.0	0.0
	44.00000	37.00000	0.00000	-3.1224	-0.50000	0.0	0.0	0.0
	45.00000	37.00000	0.00000	-2.8234	-0.50000	0.0	0.0	0.0
	46.00000	37.00000	0.00000	-2.5471	-0.50000	0.0	0.0	0.0
	47.00000	37.00000	0.00000	-2.2923	-0.50000	0.0	0.0	0.0
	48.00000	37.00000	0.00000	-2.0575	-0.50000	0.0	0.0	0.0
	49.00000	37.00000	0.00000	-1.8412	-0.50000	0.0	0.0	0.0
	50.00000	37.00000	0.00000	-1.6420	-0.50000	0.0	0.0	0.0
	51.00000	37.00000	0.00000	-1.4586	-0.50000	0.0	0.0	0.0
	52.00000	37.00000	0.00000	-1.2897	-0.50000	0.0	0.0	0.0
	53.00000	37.00000	0.00000	-1.1341	-0.50000	0.0	0.0	0.0
	54.00000	37.00000	0.00000	-0.99088	-0.50000	0.0	0.0	0.0
	55.00000	37.00000	0.00000	-0.85896	-0.50000	0.0	0.0	0.0
	56.00000	37.00000	0.00000	-0.73748	-0.50000	0.0	0.0	0.0
	57.00000	37.00000	0.00000	-0.62563	-0.50000	0.0	0.0	0.0
	58.00000	37.00000	0.00000	-0.52266	-0.50000	0.0	0.0	0.0
	59.00000	37.00000	0.00000	-0.42790	-0.50000	0.0	0.0	0.0
	60.00000	37.00000	0.00000	-0.34072	-0.50000	0.0	0.0	0.0
	-20.00000	38.00000	0.00000	-0.28607	-0.50000	0.0	0.0	0.0
	-19.00000	38.00000	0.00000	-0.36571	-0.50000	0.0	0.0	0.0
	-18.00000	38.00000	0.00000	-0.45182	-0.50000	0.0	0.0	0.0
	-17.00000	38.00000	0.00000	-0.54482	-0.50000	0.0	0.0	0.0
	-16.00000	38.00000	0.00000	-0.64518	-0.50000	0.0	0.0	0.0
	-15.00000	38.00000	0.00000	-0.75334	-0.50000	0.0	0.0	0.0
	-14.00000	38.00000	0.00000	-0.86978	-0.50000	0.0	0.0	0.0
	-13.00000	38.00000	0.00000	-0.99496	-0.50000	0.0	0.0	0.0
	-12.00000	38.00000	0.00000	-1.1294	-0.50000	0.0	0.0	0.0
	-11.00000	38.00000	0.00000	-1.2734	-0.50000	0.0	0.0	0.0
	-10.00000	38.00000	0.00000	-1.4274	-0.50000	0.0	0.0	0.0
	-9.00000	38.00000	0.00000	-1.5918	-0.50000	0.0	0.0	0.0
	-8.00000	38.00000	0.00000	-1.7668	-0.50000	0.0	0.0	0.0
	-7.00000	38.00000	0.00000	-1.9523	-0.50000	0.0	0.0	0.0
	-6.00000	38.00000	0.00000	-2.1483	-0.50000	0.0	0.0	0.0
	-5.00000	38.00000	0.00000	-2.3542	-0.50000	0.0	0.0	0.0
	-4.00000	38.00000	0.00000	-2.5694	-0.50000	0.0	0.0	0.0
	-3.00000	38.00000	0.00000	-2.7927	-0.50000	0.0	0.0	0.0
	-2.00000	38.00000	0.

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	6.00000	38.00000	0.00000	-4.8395	-0.50000	0.0	0.0	0.0
	7.00000	38.00000	0.00000	-5.0358	-0.50000	0.0	0.0	0.0
	8.00000	38.00000	0.00000	-5.2221	-0.50000	0.0	0.0	0.0
	9.00000	38.00000	0.00000	-5.3982	-0.50000	0.0	0.0	0.0
	10.00000	38.00000	0.00000	-5.5645	-0.50000	0.0	0.0	0.0
	11.00000	38.00000	0.00000	-5.7214	-0.50000	0.0	0.0	0.0
	12.00000	38.00000	0.00000	-5.8697	-0.50000	0.0	0.0	0.0
	13.00000	38.00000	0.00000	-6.0100	-0.50000	0.0	0.0	0.0
	14.00000	38.00000	0.00000	-6.1433	-0.50000	0.0	0.0	0.0
	15.00000	38.00000	0.00000	-6.2705	-0.50000	0.0	0.0	0.0
	16.00000	38.00000	0.00000	-6.3925	-0.50000	0.0	0.0	0.0
	17.00000	38.00000	0.00000	-6.5101	-0.50000	0.0	0.0	0.0
	18.00000	38.00000	0.00000	-6.6234	-0.50000	0.0	0.0	0.0
	19.00000	38.00000	0.00000	-6.7324	-0.50000	0.0	0.0	0.0
	20.00000	38.00000	0.00000	-6.8355	-0.50000	0.0	0.0	0.0
	21.00000	38.00000	0.00000	-6.9304	-0.50000	0.0	0.0	0.0
	22.00000	38.00000	0.00000	-7.0133	-0.50000	0.0	0.0	0.0
	23.00000	38.00000	0.00000	-7.0796	-0.50000	0.0	0.0	0.0
	24.00000	38.00000	0.00000	-7.1246	-0.50000	0.0	0.0	0.0
	25.00000	38.00000	0.00000	-7.1445	-0.50000	0.0	0.0	0.0
	26.00000	38.00000	0.00000	-7.1362	-0.50000	0.0	0.0	0.0
	27.00000	38.00000	0.00000	-7.0980	-0.50000	0.0	0.0	0.0
	28.00000	38.00000	0.00000	-7.0289	-0.50000	0.0	0.0	0.0
	29.00000	38.00000	0.00000	-6.9284	-0.50000	0.0	0.0	0.0
	30.00000	38.00000	0.00000	-6.7966	-0.50000	0.0	0.0	0.0
	31.00000	38.00000	0.00000	-6.6335	-0.50000	0.0	0.0	0.0
	32.00000	38.00000	0.00000	-6.4397	-0.50000	0.0	0.0	0.0
	33.00000	38.00000	0.00000	-6.2158	-0.50000	0.0	0.0	0.0
	34.00000	38.00000	0.00000	-5.9632	-0.50000	0.0	0.0	0.0
	35.00000	38.00000	0.00000	-5.6841	-0.50000	0.0	0.0	0.0
	36.00000	38.00000	0.00000	-5.3819	-0.50000	0.0	0.0	0.0
	37.00000	38.00000	0.00000	-5.0614	-0.50000	0.0	0.0	0.0
	38.00000	38.00000	0.00000	-4.7291	-0.50000	0.0	0.0	0.0
	39.00000	38.00000	0.00000	-4.3918	-0.50000	0.0	0.0	0.0
	40.00000	38.00000	0.00000	-4.0566	-0.50000	0.0	0.0	0.0
	41.00000	38.00000	0.00000	-3.7295	-0.50000	0.0	0.0	0.0
	42.00000	38.00000	0.00000	-3.4152	-0.50000	0.0	0.0	0.0
	43.00000	38.00000	0.00000	-3.1165	-0.50000	0.0	0.0	0.0
	44.00000	38.00000	0.00000	-2.8351	-0.50000	0.0	0.0	0.0
	45.00000	38.00000	0.00000	-2.5715	-0.50000	0.0	0.0	0.0
	46.00000	38.00000	0.00000	-2.3257	-0.50000	0.0	0.0	0.0
	47.00000	38.00000	0.00000	-2.0971	-0.50000	0.0	0.0	0.0
	48.00000	38.00000	0.00000	-1.8850	-0.50000	0.0	0.0	0.0
	49.00000	38.00000	0.00000	-1.6884	-0.50000	0.0	0.0	0.0
	50.00000	38.00000	0.00000	-1.5063	-0.50000	0.0	0.0	0.0
	51.00000	38.00000	0.00000	-1.3379	-0.50000	0.0	0.0	0.0
	52.00000	38.00000	0.00000	-1.1821	-0.50000	0.0	0.0	0.0
	53.00000	38.00000	0.00000	-1.0382	-0.50000	0.0	0.0	0.0
	54.00000	38.00000	0.00000	-0.90512	-0.50000	0.0	0.0	0.0
	55.00000	38.00000	0.00000	-0.78225	-0.50000	0.0	0.0	0.0
	56.00000	38.00000	0.00000	-0.66879	-0.50000	0.0	0.0	0.0
	57.00000	38.00000	0.00000	-0.56408	-0.50000	0.0	0.0	0.0
	58.00000	38.00000	0.00000	-0.46748	-0.50000	0.0	0.0	0.0
	59.00000	38.00000	0.00000	-0.37841	-0.50000	0.0	0.0	0.0
	60.00000	38.00000	0.00000	-0.29632	-0.50000	0.0	0.0	0.0
	-20.00000	39.00000	0.00000	-0.23955	-0.50000	0.0	0.0	0.0
	-19.00000	39.00000	0.00000	-0.31396	-0.50000	0.0	0.0	0.0
	-18.00000	39.00000	0.00000	-0.39425	-0.50000	0.0	0.0	0.0
	-17.00000	39.00000	0.00000	-0.48078	-0.50000	0.0	0.0	0.0
	-16.00000	39.00000	0.00000	-0.57392	-0.50000	0.0	0.0	0.0
	-15.00000	39.00000	0.00000	-0.67404	-0.50000	0.0	0.0	0.0
	-14.00000	39.00000	0.00000	-0.78151	-0.50000	0.0	0.0	0.0
	-13.00000	39.00000	0.00000	-0.89670	-0.50000	0.0	0.0	0.0
	-12.00000	39.00000	0.00000	-1.0199	-0.50000	0.0	0.0	0.0
	-11.00000	39.00000	0.00000	-1.1515	-0.50000	0.0	0.0	0.0
	-10.00000	39.00000	0.00000	-1.2917	-0.50000	0.0	0.0	0.0
	-9.00000	39.00000	0.00000	-1.4406	-0.50000	0.0	0.0	0.0
	-8.00000	39.00000	0.00000	-1.5984	-0.50000	0.0	0.0	0.0
	-7.00000	39.00000	0.00000	-1.7650	-0.50000	0.0	0.0	0.0
	-6.00000	39.00000	0.00000	-1.9401	-0.50000	0.0	0.0	0.0
	-5.00000	39.00000	0.00000	-2.1232	-0.50000	0.0	0.0	0.0
	-4.00000	39.00000	0.00000	-2.3136	-0.50000	0.0	0.0	0.0
	-3.00000	39.00000	0.00000	-2.5104	-0.50000	0.0	0.0	0.0
	-2.00000	39.00000	0.00000	-2.7122	-0.50000	0.0	0.0	0.0
	-1.00000	39.00000	0.00000	-2.9176	-0.50000	0.0	0.0	0.0
	0.00000	39.00000	0.00000	-3.1247	-0.50000	0.0	0.0	0.0
	1.00000	39.00000	0.00000	-3.3318	-0.50000	0.0	0.0	0.0
	2.00000	39.00000	0.00000	-3.5369	-0.50000	0.0	0.0	0.0
	3.00000	39.00000	0.00000	-3.7385	-0.50000	0.0	0.0	0.0
	4.00000	39.00000	0.00000	-3.9350	-0.50000	0.0	0.0	0.0
	5.00000	39.00000	0.00000	-4.1251	-0.50000	0.0	0.0	0.0
	6.00000	39.00000	0.00000	-4.3079	-0.50000	0.0	0.0	0.0
	7.00000	39.00000	0.00000	-4.4827	-0.50000	0.0	0.0	0.0
	8.00000	39.00000	0.00000	-4.6492	-0.50000	0.0	0.0	0.0
	9.00000	39.00000	0.00000	-4.8071	-0.50000	0.0	0.0	0.0
	10.00000	39.00000	0.00000	-4.9566	-0.50000	0.0	0.0	0.0
	11.00000	39.00000	0.00000	-5.0980	-0.50000	0.0	0.0	0.0
	12.00000	39.00000	0.00000	-5.2315	-0.50000	0.0	0.0	0.0
	13.00000	39.00000	0.00000	-5.3577	-0.50000	0.0	0.0	0.0
	14.00000	39.00000	0.00000	-5.4770	-0.50000	0.0	0.0	0.0
	15.00000	39.00000	0.00000	-5.5900	-0.50000	0.0	0.0	0.0
	16.00000	39.00000	0.00000	-5.6972	-0.50000	0.0	0.0	0.0
	17.00000	39.00000	0.00000	-5.7988	-0.50000	0.0	0.0	0.0
	18.00000	39.00000	0.00000	-5.8947	-0.50000	0.0	0.0	0.0
	19.00000	39.00000	0.00000	-5.9843	-0.50000	0.0	0.0	0.0
	20.00000	39.00000	0.00000	-6.0665	-0.50000	0.0	0.0	0.0
	21.00000	39.00000	0.00000	-6.1393	-0.50000	0.0	0.0	0.0
	22.00000	39.00000	0.00000	-6.2002	-0.50000	0.0	0.0	0.0
	23.00000	39.00000	0.00000	-6.2460	-0.50000	0.0	0.0	0.0
	24.00000	39.00000	0.00000	-6.2738	-0.50000	0.0	0.0	0.0
	25.00000	39.00000	0.00000	-6.2807	-0.50000	0.0	0.0	0.0
	26.00000	39.00000	0.00000	-6.2647	-0.50000	0.0	0.0	0.0
	27.00000	39.00000	0.00000	-6.2241	-0.50000	0.0	0.0	0.0
	28.00000	39.00000	0.00000	-6.1580	-0.50000	0.0	0.0	0.0
	29.00000	39.00000	0.00000	-6.0660	-0.50000	0.0	0.0	0.0
	30.00000	39.00000	0.00000	-5.9479	-0.50000	0.0	0.0	0.0
	31.00000	39.00000	0.00000	-5.8041	-0.50000	0.0	0.0	0.0
	32.00000	39.00000	0.00000	-5.6350	-0.50000	0.0	0.0	0.0
	33.00000	39.00000	0.00000	-5.4415	-0.50000	0.0	0.0	0.0
	34.00000	39.00000	0.00000	-5.2252	-0.50000	0.0	0.0	0.0
	35.00000	39.00000	0.00000	-4.9880	-0.50000	0.0	0.0	0.0
	36.00000	39.00000	0.00000	-4.7329	-0.50000	0.0	0.0	0.0
	37.00000	39.00000	0.00000	-4.4637	-0.50000	0.0	0.0	0.0
	38.00000	39.00000	0.00000	-4.1850	-0.50000	0.0	0.0	0.0
	39.00000	39.00000	0.00000	-3.9018	-0.50000	0.0	0.0	0.0
	40.00000	39.00000	0.00000	-3.6190	-0.50000	0.0	0.0	0.0
	41.00000	39.00000	0.00000	-3.3410	-0.50000	0.0	0.0	0.0
	42.00000	39.00000	0.00000	-3.0713	-0.50000	0.0	0.0	0.0
	43.00000	39.00000	0.00000	-2.8127	-0.50000	0.0	0.0	0.0
	44.00000	39.00000	0.00000	-2.5666	-0.50000	0.0	0.0	0.0
	45.00000	39.00000	0.00000	-2.3341	-0.50000	0.0	0.0	0.0
	46.00000	39.00000	0.00000	-2.1155	-0.50000	0.0	0.0	0.0
	47.00000	39.00000	0.00000	-1.9106	-0.50000	0.0	0.0	0.0
	48.00000	39.00000	0.00000	-1.7193	-0.50000	0.0	0.0	0.0
	49.00000	39.00000	0.00000	-1.5409	-0.50000	0.0	0.0	0.0
	50.00000	39.00000	0.00000	-1.3749	-0.50000	0.0	0.0	0.0
	51.00000	39.00000	0.00000	-1.2206	-0.50000	0.0	0.0	0.0
	52.00000	39.00000	0.00000	-1.0773	-0.50000	0.0	0.0	0.0
	53.00000	39.00000	0.00000	-0.94433	-0.50000	0.0	0.0	0.0
	54.00000	39.00000	0.00000	-0.82108	-0.50000	0.0	0.0	0.0
	55.00000	39.00000	0.00000	-0.70691	-0.50000	0.0	0.0	0.0
	56.00000	39.00000	0.00000	-0.60121	-0.50000	0.0	0.0	0.0
	57.00000	39.00000	0.00000	-0.50343	-0.50000	0.0	0.0	0.0
	58.00000	39.00000	0.00000	-0.41302	-0.50000	0.0	0.0	0.0
	59.00000	39.00000	0.00000	-0.32949	-0.50000	0.0	0.0	0.0
	60.00000	39.00000	0.00000	-0.25237	-0.50000	0.0	0.0	0.0
	-20.00000	40.00000	0.00000	-0.19406	-0.50000	0.0	0.0	0.0
	-19.00000	40.00000	0.00000	-0.26345	-0.50000	0.0	0.0	0.0
	-18.00000	40.00000	0.00000	-0.33817	-0.50000	0.0	0.0	0.0
	-17.00000	40.00000	0.00000	-0.41853	-0.50000	0.0	0.0	0.0
	-16.00000	40.00000	0.00000	-0.50482	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-15.00000	40.00000	0.00000	-0.59735	-0.50000	0.0	0.0	0.0
	-14.00000	40.00000	0.00000	-0.69640	-0.50000	0.0	0.0	0.0
	-13.00000	40.00000	0.00000	-0.80225	-0.50000	0.0	0.0	0.0
	-12.00000	40.00000	0.00000	-0.91512	-0.50000	0.0	0.0	0.0
	-11.00000	40.00000	0.00000	-1.0352	-0.50000	0.0	0.0	0.0
	-10.00000	40.00000	0.00000	-1.1627	-0.50000	0.0	0.0	0.0
	-9.00000	40.00000	0.00000	-1.2977	-0.50000	0.0	0.0	0.0
	-8.00000	40.00000	0.00000	-1.4401	-0.50000	0.0	0.0	0.0
	-7.00000	40.00000	0.00000	-1.5898	-0.50000	0.0	0.0	0.0
	-6.00000	40.00000	0.00000	-1.7465	-0.50000	0.0	0.0	0.0
	-5.00000	40.00000	0.00000	-1.9097	-0.50000	0.0	0.0	0.0
	-4.00000	40.00000	0.00000	-2.0788	-0.50000	0.0	0.0	0.0
	-3.00000	40.00000	0.00000	-2.2530	-0.50000	0.0	0.0	0.0
	-2.00000	40.00000	0.00000	-2.4310	-0.50000	0.0	0.0	0.0
	-1.00000	40.00000	0.00000	-2.6118	-0.50000	0.0	0.0	0.0
	0.00000	40.00000	0.00000	-2.7940	-0.50000	0.0	0.0	0.0
	1.00000	40.00000	0.00000	-2.9760	-0.50000	0.0	0.0	0.0
	2.00000	40.00000	0.00000	-3.1566	-0.50000	0.0	0.0	0.0
	3.00000	40.00000	0.00000	-3.3342	-0.50000	0.0	0.0	0.0
	4.00000	40.00000	0.00000	-3.5078	-0.50000	0.0	0.0	0.0
	5.00000	40.00000	0.00000	-3.6762	-0.50000	0.0	0.0	0.0
	6.00000	40.00000	0.00000	-3.8387	-0.50000	0.0	0.0	0.0
	7.00000	40.00000	0.00000	-3.9945	-0.50000	0.0	0.0	0.0
	8.00000	40.00000	0.00000	-4.1433	-0.50000	0.0	0.0	0.0
	9.00000	40.00000	0.00000	-4.2849	-0.50000	0.0	0.0	0.0
	10.00000	40.00000	0.00000	-4.4192	-0.50000	0.0	0.0	0.0
	11.00000	40.00000	0.00000	-4.5463	-0.50000	0.0	0.0	0.0
	12.00000	40.00000	0.00000	-4.6663	-0.50000	0.0	0.0	0.0
	13.00000	40.00000	0.00000	-4.7795	-0.50000	0.0	0.0	0.0
	14.00000	40.00000	0.00000	-4.8861	-0.50000	0.0	0.0	0.0
	15.00000	40.00000	0.00000	-4.9864	-0.50000	0.0	0.0	0.0
	16.00000	40.00000	0.00000	-5.0805	-0.50000	0.0	0.0	0.0
	17.00000	40.00000	0.00000	-5.1684	-0.50000	0.0	0.0	0.0
	18.00000	40.00000	0.00000	-5.2499	-0.50000	0.0	0.0	0.0
	19.00000	40.00000	0.00000	-5.3243	-0.50000	0.0	0.0	0.0
	20.00000	40.00000	0.00000	-5.3906	-0.50000	0.0	0.0	0.0
	21.00000	40.00000	0.00000	-5.4473	-0.50000	0.0	0.0	0.0
	22.00000	40.00000	0.00000	-5.4926	-0.50000	0.0	0.0	0.0
	23.00000	40.00000	0.00000	-5.5243	-0.50000	0.0	0.0	0.0
	24.00000	40.00000	0.00000	-5.5404	-0.50000	0.0	0.0	0.0
	25.00000	40.00000	0.00000	-5.5388	-0.50000	0.0	0.0	0.0
	26.00000	40.00000	0.00000	-5.5180	-0.50000	0.0	0.0	0.0
	27.00000	40.00000	0.00000	-5.4768	-0.50000	0.0	0.0	0.0
	28.00000	40.00000	0.00000	-5.4145	-0.50000	0.0	0.0	0.0
	29.00000	40.00000	0.00000	-5.3305	-0.50000	0.0	0.0	0.0
	30.00000	40.00000	0.00000	-5.2248	-0.50000	0.0	0.0	0.0
	31.00000	40.00000	0.00000	-5.0978	-0.50000	0.0	0.0	0.0
	32.00000	40.00000	0.00000	-4.9499	-0.50000	0.0	0.0	0.0
	33.00000	40.00000	0.00000	-4.7820	-0.50000	0.0	0.0	0.0
	34.00000	40.00000	0.00000	-4.5957	-0.50000	0.0	0.0	0.0
	35.00000	40.00000	0.00000	-4.3926	-0.50000	0.0	0.0	0.0
	36.00000	40.00000	0.00000	-4.1753	-0.50000	0.0	0.0	0.0
	37.00000	40.00000	0.00000	-3.9468	-0.50000	0.0	0.0	0.0
	38.00000	40.00000	0.00000	-3.7104	-0.50000	0.0	0.0	0.0
	39.00000	40.00000	0.00000	-3.4698	-0.50000	0.0	0.0	0.0
	40.00000	40.00000	0.00000	-3.2287	-0.50000	0.0	0.0	0.0
	41.00000	40.00000	0.00000	-2.9903	-0.50000	0.0	0.0	0.0
	42.00000	40.00000	0.00000	-2.7575	-0.50000	0.0	0.0	0.0
	43.00000	40.00000	0.00000	-2.5325	-0.50000	0.0	0.0	0.0
	44.00000	40.00000	0.00000	-2.3168	-0.50000	0.0	0.0	0.0
	45.00000	40.00000	0.00000	-2.1114	-0.50000	0.0	0.0	0.0
	46.00000	40.00000	0.00000	-1.9168	-0.50000	0.0	0.0	0.0
	47.00000	40.00000	0.00000	-1.7334	-0.50000	0.0	0.0	0.0
	48.00000	40.00000	0.00000	-1.5610	-0.50000	0.0	0.0	0.0
	49.00000	40.00000	0.00000	-1.3994	-0.50000	0.0	0.0	0.0
	50.00000	40.00000	0.00000	-1.2482	-0.50000	0.0	0.0	0.0
	51.00000	40.00000	0.00000	-1.1071	-0.50000	0.0	0.0	0.0
	52.00000	40.00000	0.00000	-0.97555	-0.50000	0.0	0.0	0.0
	53.00000	40.00000	0.00000	-0.85306	-0.50000	0.0	0.0	0.0
	54.00000	40.00000	0.00000	-0.73913	-0.50000	0.0	0.0	0.0
	55.00000	40.00000	0.00000	-0.63329	-0.50000	0.0	0.0	0.0
	56.00000	40.00000	0.00000	-0.53504	-0.50000	0.0	0.0	0.0
	57.00000	40.00000	0.00000	-0.44392	-0.50000	0.0	0.0	0.0
	58.00000	40.00000	0.00000	-0.35950	-0.50000	0.0	0.0	0.0
	59.00000	40.00000	0.00000	-0.28135	-0.50000	0.0	0.0	0.0
	60.00000	40.00000	0.00000	-0.20907	-0.50000	0.0	0.0	0.0
	-20.00000	41.00000	0.00000	-0.14976	-0.50000	0.0	0.0	0.0
	-19.00000	41.00000	0.00000	-0.21434	-0.50000	0.0	0.0	0.0
	-18.00000	41.00000	0.00000	-0.28375	-0.50000	0.0	0.0	0.0
	-17.00000	41.00000	0.00000	-0.35825	-0.50000	0.0	0.0	0.0
	-16.00000	41.00000	0.00000	-0.43808	-0.50000	0.0	0.0	0.0
	-15.00000	41.00000	0.00000	-0.52347	-0.50000	0.0	0.0	0.0
	-14.00000	41.00000	0.00000	-0.61464	-0.50000	0.0	0.0	0.0
	-13.00000	41.00000	0.00000	-0.71179	-0.50000	0.0	0.0	0.0
	-12.00000	41.00000	0.00000	-0.81510	-0.50000	0.0	0.0	0.0
	-11.00000	41.00000	0.00000	-0.92468	-0.50000	0.0	0.0	0.0
	-10.00000	41.00000	0.00000	-1.0406	-0.50000	0.0	0.0	0.0
	-9.00000	41.00000	0.00000	-1.1629	-0.50000	0.0	0.0	0.0
	-8.00000	41.00000	0.00000	-1.2915	-0.50000	0.0	0.0	0.0
	-7.00000	41.00000	0.00000	-1.4262	-0.50000	0.0	0.0	0.0
	-6.00000	41.00000	0.00000	-1.5667	-0.50000	0.0	0.0	0.0
	-5.00000	41.00000	0.00000	-1.7125	-0.50000	0.0	0.0	0.0
	-4.00000	41.00000	0.00000	-1.8631	-0.50000	0.0	0.0	0.0
	-3.00000	41.00000	0.00000	-2.0177	-0.50000	0.0	0.0	0.0
	-2.00000	41.00000	0.00000	-2.1755	-0.50000	0.0	0.0	0.0
	-1.00000	41.00000	0.00000	-2.3354	-0.50000	0.0	0.0	0.0
	0.00000	41.00000	0.00000	-2.4963	-0.50000	0.0	0.0	0.0
	1.00000	41.00000	0.00000	-2.6571	-0.50000	0.0	0.0	0.0
	2.00000	41.00000	0.00000	-2.8166	-0.50000	0.0	0.0	0.0
	3.00000	41.00000	0.00000	-2.9738	-0.50000	0.0	0.0	0.0
	4.00000	41.00000	0.00000	-3.1276	-0.50000	0.0	0.0	0.0
	5.00000	41.00000	0.00000	-3.2772	-0.50000	0.0	0.0	0.0
	6.00000	41.00000	0.00000	-3.4218	-0.50000	0.0	0.0	0.0
	7.00000	41.00000	0.00000	-3.5609	-0.50000	0.0	0.0	0.0
	8.00000	41.00000	0.00000	-3.6941	-0.50000	0.0	0.0	0.0
	9.00000	41.00000	0.00000	-3.8210	-0.50000	0.0	0.0	0.0
	10.00000	41.00000	0.00000	-3.9415	-0.50000	0.0	0.0	0.0
	11.00000	41.00000	0.00000	-4.0556	-0.50000	0.0	0.0	0.0
	12.00000	41.00000	0.00000	-4.1633	-0.50000	0.0	0.0	0.0
	13.00000	41.00000	0.00000	-4.2647	-0.50000	0.0	0.0	0.0
	14.00000	41.00000	0.00000	-4.3598	-0.50000	0.0	0.0	0.0
	15.00000	41.00000	0.00000	-4.4487	-0.50000	0.0	0.0	0.0
	16.00000	41.00000	0.00000	-4.5314	-0.50000	0.0	0.0	0.0
	17.00000	41.00000	0.00000	-4.6077	-0.50000	0.0	0.0	0.0
	18.00000	41.00000	0.00000	-4.6772	-0.50000	0.0	0.0	0.0
	19.00000	41.00000	0.00000	-4.7394	-0.50000	0.0	0.0	0.0
	20.00000	41.00000	0.00000	-4.7934	-0.50000	0.0	0.0	0.0
	21.00000	41.00000	0.00000	-4.8381	-0.50000	0.0	0.0	0.0
	22.00000	41.00000	0.00000	-4.8721	-0.50000	0.0	0.0	0.0
	23.00000	41.00000	0.00000	-4.8939	-0.50000	0.0	0.0	0.0
	24.00000	41.00000	0.00000	-4.9020	-0.50000	0.0	0.0	0.0
	25.00000	41.00000	0.00000	-4.8950	-0.50000	0.0	0.0	0.0
	26.00000	41.00000	0.00000	-4.8717	-0.50000	0.0	0.0	0.0
	27.00000	41.00000	0.00000	-4.8312	-0.50000	0.0	0.0	0.0
	28.00000	41.00000	0.00000	-4.7728	-0.50000	0.0	0.0	0.0
	29.00000	41.00000	0.00000	-4.6964	-0.50000	0.0	0.0	0.0
	30.00000	41.00000	0.00000	-4.6018	-0.50000	0.0	0.0	0.0
	31.00000	41.00000	0.00000	-4.4894	-0.50000	0.0	0.0	0.0
	32.00000	41.00000	0.00000	-4.3597	-0.50000	0.0	0.0	0.0
	33.00000	41.00000	0.00000	-4.2136	-0.50000	0.0	0.0	0.0
	34.00000	41.00000	0.00000	-4.0522	-0.50000	0.0	0.0	0.0
	35.00000	41.00000	0.00000	-3.8773	-0.50000	0.0	0.0	0.0
	36.00000	41.00000	0.00000	-3.6907	-0.50000	0.0	0.0	0.0
	37.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	45.00000	41.00000	0.00000	-1.9032	-0.50000	0.0	0.0	0.0
	46.00000	41.00000	0.00000	-1.7300	-0.50000	0.0	0.0	0.0
	47.00000	41.00000	0.00000	-1.5657	-0.50000	0.0	0.0	0.0
	48.00000	41.00000	0.00000	-1.4104	-0.50000	0.0	0.0	0.0
	49.00000	41.00000	0.00000	-1.2642	-0.50000	0.0	0.0	0.0
	50.00000	41.00000	0.00000	-1.1267	-0.50000	0.0	0.0	0.0
	51.00000	41.00000	0.00000	-0.99790	-0.50000	0.0	0.0	0.0
	52.00000	41.00000	0.00000	-0.87733	-0.50000	0.0	0.0	0.0
	53.00000	41.00000	0.00000	-0.76468	-0.50000	0.0	0.0	0.0
	54.00000	41.00000	0.00000	-0.65958	-0.50000	0.0	0.0	0.0
	55.00000	41.00000	0.00000	-0.56166	-0.50000	0.0	0.0	0.0
	56.00000	41.00000	0.00000	-0.47052	-0.50000	0.0	0.0	0.0
	57.00000	41.00000	0.00000	-0.38581	-0.50000	0.0	0.0	0.0
	58.00000	41.00000	0.00000	-0.30715	-0.50000	0.0	0.0	0.0
	59.00000	41.00000	0.00000	-0.23419	-0.50000	0.0	0.0	0.0
	60.00000	41.00000	0.00000	-0.16659	-0.50000	0.0	0.0	0.0
	-20.00000	42.00000	0.00000	-0.10678	-0.50000	0.0	0.0	0.0
	-19.00000	42.00000	0.00000	-0.16678	-0.50000	0.0	0.0	0.0
	-18.00000	42.00000	0.00000	-0.23115	-0.50000	0.0	0.0	0.0
	-17.00000	42.00000	0.00000	-0.30011	-0.50000	0.0	0.0	0.0
	-16.00000	42.00000	0.00000	-0.37385	-0.50000	0.0	0.0	0.0
	-15.00000	42.00000	0.00000	-0.45254	-0.50000	0.0	0.0	0.0
	-14.00000	42.00000	0.00000	-0.53636	-0.50000	0.0	0.0	0.0
	-13.00000	42.00000	0.00000	-0.62545	-0.50000	0.0	0.0	0.0
	-12.00000	42.00000	0.00000	-0.71992	-0.50000	0.0	0.0	0.0
	-11.00000	42.00000	0.00000	-0.81986	-0.50000	0.0	0.0	0.0
	-10.00000	42.00000	0.00000	-0.92527	-0.50000	0.0	0.0	0.0
	-9.00000	42.00000	0.00000	-1.0361	-0.50000	0.0	0.0	0.0
	-8.00000	42.00000	0.00000	-1.1523	-0.50000	0.0	0.0	0.0
	-7.00000	42.00000	0.00000	-1.2736	-0.50000	0.0	0.0	0.0
	-6.00000	42.00000	0.00000	-1.3997	-0.50000	0.0	0.0	0.0
	-5.00000	42.00000	0.00000	-1.5303	-0.50000	0.0	0.0	0.0
	-4.00000	42.00000	0.00000	-1.6647	-0.50000	0.0	0.0	0.0
	-3.00000	42.00000	0.00000	-1.8024	-0.50000	0.0	0.0	0.0
	-2.00000	42.00000	0.00000	-1.9426	-0.50000	0.0	0.0	0.0
	-1.00000	42.00000	0.00000	-2.0845	-0.50000	0.0	0.0	0.0
	0.00000	42.00000	0.00000	-2.2272	-0.50000	0.0	0.0	0.0
	1.00000	42.00000	0.00000	-2.3698	-0.50000	0.0	0.0	0.0
	2.00000	42.00000	0.00000	-2.5113	-0.50000	0.0	0.0	0.0
	3.00000	42.00000	0.00000	-2.6508	-0.50000	0.0	0.0	0.0
	4.00000	42.00000	0.00000	-2.7875	-0.50000	0.0	0.0	0.0
	5.00000	42.00000	0.00000	-2.9206	-0.50000	0.0	0.0	0.0
	6.00000	42.00000	0.00000	-3.0496	-0.50000	0.0	0.0	0.0
	7.00000	42.00000	0.00000	-3.1739	-0.50000	0.0	0.0	0.0
	8.00000	42.00000	0.00000	-3.2930	-0.50000	0.0	0.0	0.0
	9.00000	42.00000	0.00000	-3.4068	-0.50000	0.0	0.0	0.0
	10.00000	42.00000	0.00000	-3.5149	-0.50000	0.0	0.0	0.0
	11.00000	42.00000	0.00000	-3.6173	-0.50000	0.0	0.0	0.0
	12.00000	42.00000	0.00000	-3.7138	-0.50000	0.0	0.0	0.0
	13.00000	42.00000	0.00000	-3.8045	-0.50000	0.0	0.0	0.0
	14.00000	42.00000	0.00000	-3.8893	-0.50000	0.0	0.0	0.0
	15.00000	42.00000	0.00000	-3.9681	-0.50000	0.0	0.0	0.0
	16.00000	42.00000	0.00000	-4.0408	-0.50000	0.0	0.0	0.0
	17.00000	42.00000	0.00000	-4.1072	-0.50000	0.0	0.0	0.0
	18.00000	42.00000	0.00000	-4.1668	-0.50000	0.0	0.0	0.0
	19.00000	42.00000	0.00000	-4.2192	-0.50000	0.0	0.0	0.0
	20.00000	42.00000	0.00000	-4.2636	-0.50000	0.0	0.0	0.0
	21.00000	42.00000	0.00000	-4.2992	-0.50000	0.0	0.0	0.0
	22.00000	42.00000	0.00000	-4.3249	-0.50000	0.0	0.0	0.0
	23.00000	42.00000	0.00000	-4.3396	-0.50000	0.0	0.0	0.0
	24.00000	42.00000	0.00000	-4.3423	-0.50000	0.0	0.0	0.0
	25.00000	42.00000	0.00000	-4.3318	-0.50000	0.0	0.0	0.0
	26.00000	42.00000	0.00000	-4.3074	-0.50000	0.0	0.0	0.0
	27.00000	42.00000	0.00000	-4.2684	-0.50000	0.0	0.0	0.0
	28.00000	42.00000	0.00000	-4.2143	-0.50000	0.0	0.0	0.0
	29.00000	42.00000	0.00000	-4.1449	-0.50000	0.0	0.0	0.0
	30.00000	42.00000	0.00000	-4.0603	-0.50000	0.0	0.0	0.0
	31.00000	42.00000	0.00000	-3.9607	-0.50000	0.0	0.0	0.0
	32.00000	42.00000	0.00000	-3.8466	-0.50000	0.0	0.0	0.0
	33.00000	42.00000	0.00000	-3.7189	-0.50000	0.0	0.0	0.0
	34.00000	42.00000	0.00000	-3.5785	-0.50000	0.0	0.0	0.0
	35.00000	42.00000	0.00000	-3.4269	-0.50000	0.0	0.0	0.0
	36.00000	42.00000	0.00000	-3.2658	-0.50000	0.0	0.0	0.0
	37.00000	42.00000	0.00000	-3.0969	-0.50000	0.0	0.0	0.0
	38.00000	42.00000	0.00000	-2.9223	-0.50000	0.0	0.0	0.0
	39.00000	42.00000	0.00000	-2.7443	-0.50000	0.0	0.0	0.0
	40.00000	42.00000	0.00000	-2.5649	-0.50000	0.0	0.0	0.0
	41.00000	42.00000	0.00000	-2.3861	-0.50000	0.0	0.0	0.0
	42.00000	42.00000	0.00000	-2.2098	-0.50000	0.0	0.0	0.0
	43.00000	42.00000	0.00000	-2.0374	-0.50000	0.0	0.0	0.0
	44.00000	42.00000	0.00000	-1.8702	-0.50000	0.0	0.0	0.0
	45.00000	42.00000	0.00000	-1.7091	-0.50000	0.0	0.0	0.0
	46.00000	42.00000	0.00000	-1.5547	-0.50000	0.0	0.0	0.0
	47.00000	42.00000	0.00000	-1.4075	-0.50000	0.0	0.0	0.0
	48.00000	42.00000	0.00000	-1.2678	-0.50000	0.0	0.0	0.0
	49.00000	42.00000	0.00000	-1.1355	-0.50000	0.0	0.0	0.0
	50.00000	42.00000	0.00000	-1.0107	-0.50000	0.0	0.0	0.0
	51.00000	42.00000	0.00000	-0.89322	-0.50000	0.0	0.0	0.0
	52.00000	42.00000	0.00000	-0.78289	-0.50000	0.0	0.0	0.0
	53.00000	42.00000	0.00000	-0.67946	-0.50000	0.0	0.0	0.0
	54.00000	42.00000	0.00000	-0.58268	-0.50000	0.0	0.0	0.0
	55.00000	42.00000	0.00000	-0.49225	-0.50000	0.0	0.0	0.0
	56.00000	42.00000	0.00000	-0.40789	-0.50000	0.0	0.0	0.0
	57.00000	42.00000	0.00000	-0.32928	-0.50000	0.0	0.0	0.0
	58.00000	42.00000	0.00000	-0.25614	-0.50000	0.0	0.0	0.0
	59.00000	42.00000	0.00000	-0.18817	-0.50000	0.0	0.0	0.0
	60.00000	42.00000	0.00000	-0.12508	-0.50000	0.0	0.0	0.0
	-20.00000	43.00000	0.00000	-0.065221	-0.50000	0.0	0.0	0.0
	-19.00000	43.00000	0.00000	-0.12087	-0.50000	0.0	0.0	0.0
	-18.00000	43.00000	0.00000	-0.18048	-0.50000	0.0	0.0	0.0
	-17.00000	43.00000	0.00000	-0.24421	-0.50000	0.0	0.0	0.0
	-16.00000	43.00000	0.00000	-0.31223	-0.50000	0.0	0.0	0.0
	-15.00000	43.00000	0.00000	-0.38466	-0.50000	0.0	0.0	0.0
	-14.00000	43.00000	0.00000	-0.46164	-0.50000	0.0	0.0	0.0
	-13.00000	43.00000	0.00000	-0.54327	-0.50000	0.0	0.0	0.0
	-12.00000	43.00000	0.00000	-0.62961	-0.50000	0.0	0.0	0.0
	-11.00000	43.00000	0.00000	-0.72070	-0.50000	0.0	0.0	0.0
	-10.00000	43.00000	0.00000	-0.81653	-0.50000	0.0	0.0	0.0
	-9.00000	43.00000	0.00000	-0.91702	-0.50000	0.0	0.0	0.0
	-8.00000	43.00000	0.00000	-1.0220	-0.50000	0.0	0.0	0.0
	-7.00000	43.00000	0.00000	-1.1314	-0.50000	0.0	0.0	0.0
	-6.00000	43.00000	0.00000	-1.2448	-0.50000	0.0	0.0	0.0
	-5.00000	43.00000	0.00000	-1.3619	-0.50000	0.0	0.0	0.0
	-4.00000	43.00000	0.00000	-1.4822	-0.50000	0.0	0.0	0.0
	-3.00000	43.00000	0.00000	-1.6051	-0.50000	0.0	0.0	0.0
	-2.00000	43.00000	0.00000	-1.7301	-0.50000	0.0	0.0	0.0
	-1.00000	43.00000	0.00000	-1.8564	-0.50000	0.0	0.0	0.0
	0.00000	43.00000	0.00000	-1.9833	-0.50000	0.0	0.0	0.0
	1.00000	43.00000	0.00000	-2.1101	-0.50000	0.0	0.0	0.0
	2.00000	43.00000	0.00000	-2.2359	-0.50000	0.0	0.0	0.0
	3.00000	43.00000	0.00000	-2.3600	-0.50000	0.0	0.0	0.0
	4.00000	43.00000	0.00000	-2.4818	-0.50000	0.0	0.0	0.0
	5.00000	43.00000	0.00000	-2.6005	-0.50000	0.0	0.0	0.0
	6.00000	43.00000	0.00000	-2.7157	-0.50000	0.0	0.0	0.0
	7.00000	43.00000	0.00000	-2.8269	-0.50000	0.0	0.0	0.0
	8.00000	43.00000	0.00000	-2.9336	-0.50000	0.0	0.0	0.0
	9.00000	43.00000	0.00000	-3.0355	-0.50000	0.0	0.0	0.0
	10.00000	43.00000	0.00000	-3.1325	-0.50000	0.0	0.0	0.0
	11.00000	43.00000	0.00000	-3.2243	-0.50000	0.0	0.0	0.0
	12.00000	43.00000	0.00000	-3.3108	-0.50000	0.0	0.0	0.0
	13.00000	43.00000	0.00000	-3.3919	-0.50000	0.0	0.0	0.0
	14.00000	43.00000	0.00000	-3.4674	-0.50000	0.0	0.0	0.0
	15.00000	43.00000	0.00000	-3.5373	-0.50000	0.0	0.0	0.0
	16.00000	43.00000	0.00000	-3.6013	-0.50000	0.0	0.0	0.0
	17.00000	43.00000	0.00000	-3.6591	-0.50000	0.0	0.0	0.0
	18.00000	43.00000	0.00000	-3.7105	-0.50000	0.0	0.0	0.0
	19.00000	43.00000	0.00000	-3.7548	-0.50000	0.0	0.0	0.0
	20.00000	43.00000	0.00000	-3.7917	-0.50000	0.0	0.0	0.0
	21.00000	43.00000	0.00000	-3.8202	-0.50000	0.0	0.0	0.0
	22.00000	43.00000	0.00000	-3.8398	-0.50000	0.0	0.0	0.0
	23.00000	43.00000	0.00000	-3.8494	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	24.00000	43.00000	0.00000	-3.8484	-0.50000	0.0	0.0	0.0
	25.00000	43.00000	0.00000	-3.8360	-0.50000	0.0	0.0	0.0
	26.00000	43.00000	0.00000	-3.8115	-0.50000	0.0	0.0	0.0
	27.00000	43.00000	0.00000	-3.7745	-0.50000	0.0	0.0	0.0
	28.00000	43.00000	0.00000	-3.7247	-0.50000	0.0	0.0	0.0
	29.00000	43.00000	0.00000	-3.6618	-0.50000	0.0	0.0	0.0
	30.00000	43.00000	0.00000	-3.5860	-0.50000	0.0	0.0	0.0
	31.00000	43.00000	0.00000	-3.4976	-0.50000	0.0	0.0	0.0
	32.00000	43.00000	0.00000	-3.3970	-0.50000	0.0	0.0	0.0
	33.00000	43.00000	0.00000	-3.2850	-0.50000	0.0	0.0	0.0
	34.00000	43.00000	0.00000	-3.1624	-0.50000	0.0	0.0	0.0
	35.00000	43.00000	0.00000	-3.0304	-0.50000	0.0	0.0	0.0
	36.00000	43.00000	0.00000	-2.8904	-0.50000	0.0	0.0	0.0
	37.00000	43.00000	0.00000	-2.7438	-0.50000	0.0	0.0	0.0
	38.00000	43.00000	0.00000	-2.5924	-0.50000	0.0	0.0	0.0
	39.00000	43.00000	0.00000	-2.4377	-0.50000	0.0	0.0	0.0
	40.00000	43.00000	0.00000	-2.2815	-0.50000	0.0	0.0	0.0
	41.00000	43.00000	0.00000	-2.1255	-0.50000	0.0	0.0	0.0
	42.00000	43.00000	0.00000	-1.9710	-0.50000	0.0	0.0	0.0
	43.00000	43.00000	0.00000	-1.8193	-0.50000	0.0	0.0	0.0
	44.00000	43.00000	0.00000	-1.6715	-0.50000	0.0	0.0	0.0
	45.00000	43.00000	0.00000	-1.5285	-0.50000	0.0	0.0	0.0
	46.00000	43.00000	0.00000	-1.3908	-0.50000	0.0	0.0	0.0
	47.00000	43.00000	0.00000	-1.2589	-0.50000	0.0	0.0	0.0
	48.00000	43.00000	0.00000	-1.1330	-0.50000	0.0	0.0	0.0
	49.00000	43.00000	0.00000	-1.0135	-0.50000	0.0	0.0	0.0
	50.00000	43.00000	0.00000	-0.90024	-0.50000	0.0	0.0	0.0
	51.00000	43.00000	0.00000	-0.79325	-0.50000	0.0	0.0	0.0
	52.00000	43.00000	0.00000	-0.69242	-0.50000	0.0	0.0	0.0
	53.00000	43.00000	0.00000	-0.59761	-0.50000	0.0	0.0	0.0
	54.00000	43.00000	0.00000	-0.50863	-0.50000	0.0	0.0	0.0
	55.00000	43.00000	0.00000	-0.42527	-0.50000	0.0	0.0	0.0
	56.00000	43.00000	0.00000	-0.34731	-0.50000	0.0	0.0	0.0
	57.00000	43.00000	0.00000	-0.27451	-0.50000	0.0	0.0	0.0
	58.00000	43.00000	0.00000	-0.20663	-0.50000	0.0	0.0	0.0
	59.00000	43.00000	0.00000	-0.14343	-0.50000	0.0	0.0	0.0
	60.00000	43.00000	0.00000	-0.084675	-0.50000	0.0	0.0	0.0
	-20.00000	44.00000	0.00000	-0.025176	-0.50000	0.0	0.0	0.0
	-19.00000	44.00000	0.00000	-0.076705	-0.50000	0.0	0.0	0.0
	-18.00000	44.00000	0.00000	-0.13182	-0.50000	0.0	0.0	0.0
	-17.00000	44.00000	0.00000	-0.19064	-0.50000	0.0	0.0	0.0
	-16.00000	44.00000	0.00000	-0.25329	-0.50000	0.0	0.0	0.0
	-15.00000	44.00000	0.00000	-0.31989	-0.50000	0.0	0.0	0.0
	-14.00000	44.00000	0.00000	-0.39052	-0.50000	0.0	0.0	0.0
	-13.00000	44.00000	0.00000	-0.46525	-0.50000	0.0	0.0	0.0
	-12.00000	44.00000	0.00000	-0.54411	-0.50000	0.0	0.0	0.0
	-11.00000	44.00000	0.00000	-0.62711	-0.50000	0.0	0.0	0.0
	-10.00000	44.00000	0.00000	-0.71422	-0.50000	0.0	0.0	0.0
	-9.00000	44.00000	0.00000	-0.80534	-0.50000	0.0	0.0	0.0
	-8.00000	44.00000	0.00000	-0.90033	-0.50000	0.0	0.0	0.0
	-7.00000	44.00000	0.00000	-0.99900	-0.50000	0.0	0.0	0.0
	-6.00000	44.00000	0.00000	-1.1011	-0.50000	0.0	0.0	0.0
	-5.00000	44.00000	0.00000	-1.2062	-0.50000	0.0	0.0	0.0
	-4.00000	44.00000	0.00000	-1.3140	-0.50000	0.0	0.0	0.0
	-3.00000	44.00000	0.00000	-1.4240	-0.50000	0.0	0.0	0.0
	-2.00000	44.00000	0.00000	-1.5357	-0.50000	0.0	0.0	0.0
	-1.00000	44.00000	0.00000	-1.6484	-0.50000	0.0	0.0	0.0
	0.00000	44.00000	0.00000	-1.7616	-0.50000	0.0	0.0	0.0
	1.00000	44.00000	0.00000	-1.8746	-0.50000	0.0	0.0	0.0
	2.00000	44.00000	0.00000	-1.9868	-0.50000	0.0	0.0	0.0
	3.00000	44.00000	0.00000	-2.0975	-0.50000	0.0	0.0	0.0
	4.00000	44.00000	0.00000	-2.2061	-0.50000	0.0	0.0	0.0
	5.00000	44.00000	0.00000	-2.3122	-0.50000	0.0	0.0	0.0
	6.00000	44.00000	0.00000	-2.4152	-0.50000	0.0	0.0	0.0
	7.00000	44.00000	0.00000	-2.5147	-0.50000	0.0	0.0	0.0
	8.00000	44.00000	0.00000	-2.6103	-0.50000	0.0	0.0	0.0
	9.00000	44.00000	0.00000	-2.7017	-0.50000	0.0	0.0	0.0
	10.00000	44.00000	0.00000	-2.7886	-0.50000	0.0	0.0	0.0
	11.00000	44.00000	0.00000	-2.8709	-0.50000	0.0	0.0	0.0
	12.00000	44.00000	0.00000	-2.9484	-0.50000	0.0	0.0	0.0
	13.00000	44.00000	0.00000	-3.0209	-0.50000	0.0	0.0	0.0
	14.00000	44.00000	0.00000	-3.0882	-0.50000	0.0	0.0	0.0
	15.00000	44.00000	0.00000	-3.1501	-0.50000	0.0	0.0	0.0
	16.00000	44.00000	0.00000	-3.2065	-0.50000	0.0	0.0	0.0
	17.00000	44.00000	0.00000	-3.2571	-0.50000	0.0	0.0	0.0
	18.00000	44.00000	0.00000	-3.3014	-0.50000	0.0	0.0	0.0
	19.00000	44.00000	0.00000	-3.3392	-0.50000	0.0	0.0	0.0
	20.00000	44.00000	0.00000	-3.3700	-0.50000	0.0	0.0	0.0
	21.00000	44.00000	0.00000	-3.3931	-0.50000	0.0	0.0	0.0
	22.00000	44.00000	0.00000	-3.4079	-0.50000	0.0	0.0	0.0
	23.00000	44.00000	0.00000	-3.4140	-0.50000	0.0	0.0	0.0
	24.00000	44.00000	0.00000	-3.4105	-0.50000	0.0	0.0	0.0
	25.00000	44.00000	0.00000	-3.3971	-0.50000	0.0	0.0	0.0
	26.00000	44.00000	0.00000	-3.3732	-0.50000	0.0	0.0	0.0
	27.00000	44.00000	0.00000	-3.3385	-0.50000	0.0	0.0	0.0
	28.00000	44.00000	0.00000	-3.2928	-0.50000	0.0	0.0	0.0
	29.00000	44.00000	0.00000	-3.2359	-0.50000	0.0	0.0	0.0
	30.00000	44.00000	0.00000	-3.1681	-0.50000	0.0	0.0	0.0
	31.00000	44.00000	0.00000	-3.0895	-0.50000	0.0	0.0	0.0
	32.00000	44.00000	0.00000	-3.0006	-0.50000	0.0	0.0	0.0
	33.00000	44.00000	0.00000	-2.9020	-0.50000	0.0	0.0	0.0
	34.00000	44.00000	0.00000	-2.7946	-0.50000	0.0	0.0	0.0
	35.00000	44.00000	0.00000	-2.6791	-0.50000	0.0	0.0	0.0
	36.00000	44.00000	0.00000	-2.5569	-0.50000	0.0	0.0	0.0
	37.00000	44.00000	0.00000	-2.4291	-0.50000	0.0	0.0	0.0
	38.00000	44.00000	0.00000	-2.2970	-0.50000	0.0	0.0	0.0
	39.00000	44.00000	0.00000	-2.1619	-0.50000	0.0	0.0	0.0
	40.00000	44.00000	0.00000	-2.0254	-0.50000	0.0	0.0	0.0
	41.00000	44.00000	0.00000	-1.8886	-0.50000	0.0	0.0	0.0
	42.00000	44.00000	0.00000	-1.7527	-0.50000	0.0	0.0	0.0
	43.00000	44.00000	0.00000	-1.6189	-0.50000	0.0	0.0	0.0
	44.00000	44.00000	0.00000	-1.4879	-0.50000	0.0	0.0	0.0
	45.00000	44.00000	0.00000	-1.3607	-0.50000	0.0	0.0	0.0
	46.00000	44.00000	0.00000	-1.2377	-0.50000	0.0	0.0	0.0
	47.00000	44.00000	0.00000	-1.1194	-0.50000	0.0	0.0	0.0
	48.00000	44.00000	0.00000	-1.0062	-0.50000	0.0	0.0	0.0
	49.00000	44.00000	0.00000	-0.89815	-0.50000	0.0	0.0	0.0
	50.00000	44.00000	0.00000	-0.79545	-0.50000	0.0	0.0	0.0
	51.00000	44.00000	0.00000	-0.69809	-0.50000	0.0	0.0	0.0
	52.00000	44.00000	0.00000	-0.60605	-0.50000	0.0	0.0	0.0
	53.00000	44.00000	0.00000	-0.51925	-0.50000	0.0	0.0	0.0
	54.00000	44.00000	0.00000	-0.43757	-0.50000	0.0	0.0	0.0
	55.00000	44.00000	0.00000	-0.36085	-0.50000	0.0	0.0	0.0
	56.00000	44.00000	0.00000	-0.28893	-0.50000	0.0	0.0	0.0
	57.00000	44.00000	0.00000	-0.22162	-0.50000	0.0	0.0	0.0
	58.00000	44.00000	0.00000	-0.15875	-0.50000	0.0	0.0	0.0
	59.00000	44.00000	0.00000	-0.10010	-0.50000	0.0	0.0	0.0
	60.00000	44.00000	0.00000	-0.045483	-0.50000	0.0	0.0	0.0
	-20.00000	45.00000	0.00000	0.013290	-0.50000	0.0	0.0	0.0
	-19.00000	45.00000	0.00000	-0.034351	-0.50000	0.0	0.0	0.0
	-18.00000	45.00000	0.00000	-0.085226	-0.50000	0.0	0.0	0.0
	-17.00000	45.00000	0.00000	-0.13944	-0.50000	0.0	0.0	0.0
	-16.00000	45.00000	0.00000	-0.19709	-0.50000	0.0	0.0	0.0
	-15.00000	45.00000	0.00000	-0.25825	-0.50000	0.0	0.0	0.0
	-14.00000	45.00000	0.00000	-0.32300	-0.50000	0.0	0.0	0.0
	-13.00000	45.00000	0.00000	-0.39136	-0.50000	0.0	0.0	0.0
	-12.00000	45.00000	0.00000	-0.46335	-0.50000	0.0	0.0	0.0
	-11.00000	45.00000	0.00000	-0.53896	-0.50000	0.0	0.0	0.0
	-10.00000	45.00000	0.00000	-0.61813	-0.50000	0.0	0.0	0.0
	-9.00000	45.00000	0.00000	-0.70076	-0.50000	0.0	0.0	0.0
	-8.00000	45.00000	0.00000	-0.78672	-0.50000	0.0	0.0	0.0
	-7.00000	45.00000	0.00000	-0.87591	-0.50000	0.0	0.0	0.0
	-6.00000	45.00000	0.00000	-0.96778	-0.50000	0.0	0.0	0.0
	-5.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	3.00000	45.00000	0.00000	-1.8597	-0.50000	0.0	0.0	0.0
	4.00000	45.00000	0.00000	-1.9568	-0.50000	0.0	0.0	0.0
	5.00000	45.00000	0.00000	-2.0517	-0.50000	0.0	0.0	0.0
	6.00000	45.00000	0.00000	-2.1439	-0.50000	0.0	0.0	0.0
	7.00000	45.00000	0.00000	-2.2330	-0.50000	0.0	0.0	0.0
	8.00000	45.00000	0.00000	-2.3186	-0.50000	0.0	0.0	0.0
	9.00000	45.00000	0.00000	-2.4006	-0.50000	0.0	0.0	0.0
	10.00000	45.00000	0.00000	-2.4786	-0.50000	0.0	0.0	0.0
	11.00000	45.00000	0.00000	-2.5523	-0.50000	0.0	0.0	0.0
	12.00000	45.00000	0.00000	-2.6217	-0.50000	0.0	0.0	0.0
	13.00000	45.00000	0.00000	-2.6864	-0.50000	0.0	0.0	0.0
	14.00000	45.00000	0.00000	-2.7464	-0.50000	0.0	0.0	0.0
	15.00000	45.00000	0.00000	-2.8014	-0.50000	0.0	0.0	0.0
	16.00000	45.00000	0.00000	-2.8511	-0.50000	0.0	0.0	0.0
	17.00000	45.00000	0.00000	-2.8954	-0.50000	0.0	0.0	0.0
	18.00000	45.00000	0.00000	-2.9339	-0.50000	0.0	0.0	0.0
	19.00000	45.00000	0.00000	-2.9663	-0.50000	0.0	0.0	0.0
	20.00000	45.00000	0.00000	-2.9921	-0.50000	0.0	0.0	0.0
	21.00000	45.00000	0.00000	-3.0109	-0.50000	0.0	0.0	0.0
	22.00000	45.00000	0.00000	-3.0222	-0.50000	0.0	0.0	0.0
	23.00000	45.00000	0.00000	-3.0256	-0.50000	0.0	0.0	0.0
	24.00000	45.00000	0.00000	-3.0207	-0.50000	0.0	0.0	0.0
	25.00000	45.00000	0.00000	-3.0069	-0.50000	0.0	0.0	0.0
	26.00000	45.00000	0.00000	-2.9840	-0.50000	0.0	0.0	0.0
	27.00000	45.00000	0.00000	-2.9517	-0.50000	0.0	0.0	0.0
	28.00000	45.00000	0.00000	-2.9099	-0.50000	0.0	0.0	0.0
	29.00000	45.00000	0.00000	-2.8586	-0.50000	0.0	0.0	0.0
	30.00000	45.00000	0.00000	-2.7978	-0.50000	0.0	0.0	0.0
	31.00000	45.00000	0.00000	-2.7278	-0.50000	0.0	0.0	0.0
	32.00000	45.00000	0.00000	-2.6491	-0.50000	0.0	0.0	0.0
	33.00000	45.00000	0.00000	-2.5622	-0.50000	0.0	0.0	0.0
	34.00000	45.00000	0.00000	-2.4676	-0.50000	0.0	0.0	0.0
	35.00000	45.00000	0.00000	-2.3663	-0.50000	0.0	0.0	0.0
	36.00000	45.00000	0.00000	-2.2592	-0.50000	0.0	0.0	0.0
	37.00000	45.00000	0.00000	-2.1472	-0.50000	0.0	0.0	0.0
	38.00000	45.00000	0.00000	-2.0315	-0.50000	0.0	0.0	0.0
	39.00000	45.00000	0.00000	-1.9131	-0.50000	0.0	0.0	0.0
	40.00000	45.00000	0.00000	-1.7932	-0.50000	0.0	0.0	0.0
	41.00000	45.00000	0.00000	-1.6729	-0.50000	0.0	0.0	0.0
	42.00000	45.00000	0.00000	-1.5530	-0.50000	0.0	0.0	0.0
	43.00000	45.00000	0.00000	-1.4346	-0.50000	0.0	0.0	0.0
	44.00000	45.00000	0.00000	-1.3184	-0.50000	0.0	0.0	0.0
	45.00000	45.00000	0.00000	-1.2050	-0.50000	0.0	0.0	0.0
	46.00000	45.00000	0.00000	-1.0951	-0.50000	0.0	0.0	0.0
	47.00000	45.00000	0.00000	-0.98898	-0.50000	0.0	0.0	0.0
	48.00000	45.00000	0.00000	-0.88701	-0.50000	0.0	0.0	0.0
	49.00000	45.00000	0.00000	-0.78941	-0.50000	0.0	0.0	0.0
	50.00000	45.00000	0.00000	-0.69631	-0.50000	0.0	0.0	0.0
	51.00000	45.00000	0.00000	-0.60779	-0.50000	0.0	0.0	0.0
	52.00000	45.00000	0.00000	-0.52387	-0.50000	0.0	0.0	0.0
	53.00000	45.00000	0.00000	-0.44449	-0.50000	0.0	0.0	0.0
	54.00000	45.00000	0.00000	-0.36960	-0.50000	0.0	0.0	0.0
	55.00000	45.00000	0.00000	-0.29910	-0.50000	0.0	0.0	0.0
	56.00000	45.00000	0.00000	-0.23286	-0.50000	0.0	0.0	0.0
	57.00000	45.00000	0.00000	-0.17074	-0.50000	0.0	0.0	0.0
	58.00000	45.00000	0.00000	-0.11260	-0.50000	0.0	0.0	0.0
	59.00000	45.00000	0.00000	-0.058272	-0.50000	0.0	0.0	0.0
	60.00000	45.00000	0.00000	-0.0076026	-0.50000	0.0	0.0	0.0
	-20.00000	46.00000	0.00000	0.050127	-0.50000	0.0	0.0	0.0
	-19.00000	46.00000	0.00000	0.0061499	-0.50000	0.0	0.0	0.0
	-18.00000	46.00000	0.00000	-0.040748	-0.50000	0.0	0.0	0.0
	-17.00000	46.00000	0.00000	-0.090650	-0.50000	0.0	0.0	0.0
	-16.00000	46.00000	0.00000	-0.14363	-0.50000	0.0	0.0	0.0
	-15.00000	46.00000	0.00000	-0.19974	-0.50000	0.0	0.0	0.0
	-14.00000	46.00000	0.00000	-0.25904	-0.50000	0.0	0.0	0.0
	-13.00000	46.00000	0.00000	-0.32153	-0.50000	0.0	0.0	0.0
	-12.00000	46.00000	0.00000	-0.38721	-0.50000	0.0	0.0	0.0
	-11.00000	46.00000	0.00000	-0.45606	-0.50000	0.0	0.0	0.0
	-10.00000	46.00000	0.00000	-0.52801	-0.50000	0.0	0.0	0.0
	-9.00000	46.00000	0.00000	-0.60296	-0.50000	0.0	0.0	0.0
	-8.00000	46.00000	0.00000	-0.68077	-0.50000	0.0	0.0	0.0
	-7.00000	46.00000	0.00000	-0.76125	-0.50000	0.0	0.0	0.0
	-6.00000	46.00000	0.00000	-0.84420	-0.50000	0.0	0.0	0.0
	-5.00000	46.00000	0.00000	-0.92932	-0.50000	0.0	0.0	0.0
	-4.00000	46.00000	0.00000	-1.0163	-0.50000	0.0	0.0	0.0
	-3.00000	46.00000	0.00000	-1.1048	-0.50000	0.0	0.0	0.0
	-2.00000	46.00000	0.00000	-1.1944	-0.50000	0.0	0.0	0.0
	-1.00000	46.00000	0.00000	-1.2847	-0.50000	0.0	0.0	0.0
	0.00000	46.00000	0.00000	-1.3753	-0.50000	0.0	0.0	0.0
	1.00000	46.00000	0.00000	-1.4656	-0.50000	0.0	0.0	0.0
	2.00000	46.00000	0.00000	-1.5552	-0.50000	0.0	0.0	0.0
	3.00000	46.00000	0.00000	-1.6438	-0.50000	0.0	0.0	0.0
	4.00000	46.00000	0.00000	-1.7307	-0.50000	0.0	0.0	0.0
	5.00000	46.00000	0.00000	-1.8157	-0.50000	0.0	0.0	0.0
	6.00000	46.00000	0.00000	-1.8982	-0.50000	0.0	0.0	0.0
	7.00000	46.00000	0.00000	-1.9781	-0.50000	0.0	0.0	0.0
	8.00000	46.00000	0.00000	-2.0549	-0.50000	0.0	0.0	0.0
	9.00000	46.00000	0.00000	-2.1284	-0.50000	0.0	0.0	0.0
	10.00000	46.00000	0.00000	-2.1983	-0.50000	0.0	0.0	0.0
	11.00000	46.00000	0.00000	-2.2644	-0.50000	0.0	0.0	0.0
	12.00000	46.00000	0.00000	-2.3265	-0.50000	0.0	0.0	0.0
	13.00000	46.00000	0.00000	-2.3844	-0.50000	0.0	0.0	0.0
	14.00000	46.00000	0.00000	-2.4378	-0.50000	0.0	0.0	0.0
	15.00000	46.00000	0.00000	-2.4867	-0.50000	0.0	0.0	0.0
	16.00000	46.00000	0.00000	-2.5306	-0.50000	0.0	0.0	0.0
	17.00000	46.00000	0.00000	-2.5695	-0.50000	0.0	0.0	0.0
	18.00000	46.00000	0.00000	-2.6030	-0.50000	0.0	0.0	0.0
	19.00000	46.00000	0.00000	-2.6308	-0.50000	0.0	0.0	0.0
	20.00000	46.00000	0.00000	-2.6526	-0.50000	0.0	0.0	0.0
	21.00000	46.00000	0.00000	-2.6680	-0.50000	0.0	0.0	0.0
	22.00000	46.00000	0.00000	-2.6767	-0.50000	0.0	0.0	0.0
	23.00000	46.00000	0.00000	-2.6782	-0.50000	0.0	0.0	0.0
	24.00000	46.00000	0.00000	-2.6723	-0.50000	0.0	0.0	0.0
	25.00000	46.00000	0.00000	-2.6586	-0.50000	0.0	0.0	0.0
	26.00000	46.00000	0.00000	-2.6370	-0.50000	0.0	0.0	0.0
	27.00000	46.00000	0.00000	-2.6071	-0.50000	0.0	0.0	0.0
	28.00000	46.00000	0.00000	-2.5690	-0.50000	0.0	0.0	0.0
	29.00000	46.00000	0.00000	-2.5227	-0.50000	0.0	0.0	0.0
	30.00000	46.00000	0.00000	-2.4683	-0.50000	0.0	0.0	0.0
	31.00000	46.00000	0.00000	-2.4059	-0.50000	0.0	0.0	0.0
	32.00000	46.00000	0.00000	-2.3361	-0.50000	0.0	0.0	0.0
	33.00000	46.00000	0.00000	-2.2592	-0.50000	0.0	0.0	0.0
	34.00000	46.00000	0.00000	-2.1758	-0.50000	0.0	0.0	0.0
	35.00000	46.00000	0.00000	-2.0866	-0.50000	0.0	0.0	0.0
	36.00000	46.00000	0.00000	-1.9924	-0.50000	0.0	0.0	0.0
	37.00000	46.00000	0.00000	-1.8940	-0.50000	0.0	0.0	0.0
	38.00000	46.00000	0.00000	-1.7922	-0.50000	0.0	0.0	0.0
	39.00000	46.00000	0.00000	-1.6881	-0.50000	0.0	0.0	0.0
	40.00000	46.00000	0.00000	-1.5825	-0.50000	0.0	0.0	0.0
	41.00000	46.00000	0.00000	-1.4762	-0.50000	0.0	0.0	0.0
	42.00000	46.00000	0.00000	-1.3702	-0.50000	0.0	0.0	0.0
	43.00000	46.00000	0.00000	-1.2652	-0.50000	0.0	0.0	0.0
	44.00000	46.00000	0.00000	-1.1619	-0.50000	0.0	0.0	0.0
	45.00000	46.00000	0.00000	-1.0607	-0.50000	0.0	0.0	0.0
	46.00000	46.00000	0.00000	-0.96236	-0.50000	0.0	0.0	0.0
	47.00000	46.00000	0.00000	-0.86710	-0.50000	0.0	0.0	0.0
	48.00000	46.00000	0.00000	-0.77528	-0.50000	0.0	0.0	0.0
	49.00000	46.00000	0.00000	-0.68711	-0.50000	0.0	0.0	0.0
	50.00000	46.00000	0.00000	-0.60277	-0.50000	0.0	0.0	0.0
	51.00000	46.00000	0.00000	-0.52234	-0.50000	0.0	0.0	0.0
	52.00000	46.00000	0.00000	-0.44587	-0.50000	0.0	0.0	0.0
	53.00000	46.00000	0.00000	-0.37337	-0.50000	0.0	0.0	0.0
	54.00000	46.00000	0.00000	-0.30480	-0.50000	0.0	0.0	0.0
	55.00000	46.00000	0.00000	-0.24009	-0.50000	0.0	0.0	0.0
	56.00000	46.00000	0.00000	-0.17917	-0.50000	0.0	0.0	0.0
	57.00000	46.00000	0.00000	-0.12194	-0.50000	0.0	0.0	0.0
	58.00000	46.00000	0.00000	-0.068264	-0.50000	0.0	0.0	0.0
	59.00000	46.00000	0.00000	-0.018032	-0.50000	0.0	0.0	0.0
	60.00000	46.00000	0.00000	0.028890	-0.50000	0.0	0.0	0.0
	-20.00000	47.00000	0.00000	0.085302	-0.50000	0.0	0.0	0.0
	-19.00000	47.00000	0.00000	0.044770	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-18.00000	47.00000	0.00000	0.0016007	-0.50000	0.0	0.0	0.0
	-17.00000	47.00000	0.00000	-0.044272	-0.50000	0.0	0.0	0.0
	-16.00000	47.00000	0.00000	-0.092902	-0.50000	0.0	0.0	0.0
	-15.00000	47.00000	0.00000	-0.14433	-0.50000	0.0	0.0	0.0
	-14.00000	47.00000	0.00000	-0.19858	-0.50000	0.0	0.0	0.0
	-13.00000	47.00000	0.00000	-0.25567	-0.50000	0.0	0.0	0.0
	-12.00000	47.00000	0.00000	-0.31557	-0.50000	0.0	0.0	0.0
	-11.00000	47.00000	0.00000	-0.37824	-0.50000	0.0	0.0	0.0
	-10.00000	47.00000	0.00000	-0.44361	-0.50000	0.0	0.0	0.0
	-9.00000	47.00000	0.00000	-0.51159	-0.50000	0.0	0.0	0.0
	-8.00000	47.00000	0.00000	-0.58204	-0.50000	0.0	0.0	0.0
	-7.00000	47.00000	0.00000	-0.65480	-0.50000	0.0	0.0	0.0
	-6.00000	47.00000	0.00000	-0.72964	-0.50000	0.0	0.0	0.0
	-5.00000	47.00000	0.00000	-0.80634	-0.50000	0.0	0.0	0.0
	-4.00000	47.00000	0.00000	-0.88461	-0.50000	0.0	0.0	0.0
	-3.00000	47.00000	0.00000	-0.96414	-0.50000	0.0	0.0	0.0
	-2.00000	47.00000	0.00000	-1.0446	-0.50000	0.0	0.0	0.0
	-1.00000	47.00000	0.00000	-1.1256	-0.50000	0.0	0.0	0.0
	0.00000	47.00000	0.00000	-1.2068	-0.50000	0.0	0.0	0.0
	1.00000	47.00000	0.00000	-1.2877	-0.50000	0.0	0.0	0.0
	2.00000	47.00000	0.00000	-1.3680	-0.50000	0.0	0.0	0.0
	3.00000	47.00000	0.00000	-1.4473	-0.50000	0.0	0.0	0.0
	4.00000	47.00000	0.00000	-1.5253	-0.50000	0.0	0.0	0.0
	5.00000	47.00000	0.00000	-1.6014	-0.50000	0.0	0.0	0.0
	6.00000	47.00000	0.00000	-1.6755	-0.50000	0.0	0.0	0.0
	7.00000	47.00000	0.00000	-1.7471	-0.50000	0.0	0.0	0.0
	8.00000	47.00000	0.00000	-1.8160	-0.50000	0.0	0.0	0.0
	9.00000	47.00000	0.00000	-1.8819	-0.50000	0.0	0.0	0.0
	10.00000	47.00000	0.00000	-1.9446	-0.50000	0.0	0.0	0.0
	11.00000	47.00000	0.00000	-2.0039	-0.50000	0.0	0.0	0.0
	12.00000	47.00000	0.00000	-2.0594	-0.50000	0.0	0.0	0.0
	13.00000	47.00000	0.00000	-2.1111	-0.50000	0.0	0.0	0.0
	14.00000	47.00000	0.00000	-2.1588	-0.50000	0.0	0.0	0.0
	15.00000	47.00000	0.00000	-2.2022	-0.50000	0.0	0.0	0.0
	16.00000	47.00000	0.00000	-2.2411	-0.50000	0.0	0.0	0.0
	17.00000	47.00000	0.00000	-2.2753	-0.50000	0.0	0.0	0.0
	18.00000	47.00000	0.00000	-2.3045	-0.50000	0.0	0.0	0.0
	19.00000	47.00000	0.00000	-2.3285	-0.50000	0.0	0.0	0.0
	20.00000	47.00000	0.00000	-2.3470	-0.50000	0.0	0.0	0.0
	21.00000	47.00000	0.00000	-2.3597	-0.50000	0.0	0.0	0.0
	22.00000	47.00000	0.00000	-2.3663	-0.50000	0.0	0.0	0.0
	23.00000	47.00000	0.00000	-2.3665	-0.50000	0.0	0.0	0.0
	24.00000	47.00000	0.00000	-2.3601	-0.50000	0.0	0.0	0.0
	25.00000	47.00000	0.00000	-2.3468	-0.50000	0.0	0.0	0.0
	26.00000	47.00000	0.00000	-2.3265	-0.50000	0.0	0.0	0.0
	27.00000	47.00000	0.00000	-2.2991	-0.50000	0.0	0.0	0.0
	28.00000	47.00000	0.00000	-2.2645	-0.50000	0.0	0.0	0.0
	29.00000	47.00000	0.00000	-2.2227	-0.50000	0.0	0.0	0.0
	30.00000	47.00000	0.00000	-2.1739	-0.50000	0.0	0.0	0.0
	31.00000	47.00000	0.00000	-2.1183	-0.50000	0.0	0.0	0.0
	32.00000	47.00000	0.00000	-2.0563	-0.50000	0.0	0.0	0.0
	33.00000	47.00000	0.00000	-1.9881	-0.50000	0.0	0.0	0.0
	34.00000	47.00000	0.00000	-1.9144	-0.50000	0.0	0.0	0.0
	35.00000	47.00000	0.00000	-1.8356	-0.50000	0.0	0.0	0.0
	36.00000	47.00000	0.00000	-1.7525	-0.50000	0.0	0.0	0.0
	37.00000	47.00000	0.00000	-1.6657	-0.50000	0.0	0.0	0.0
	38.00000	47.00000	0.00000	-1.5760	-0.50000	0.0	0.0	0.0
	39.00000	47.00000	0.00000	-1.4841	-0.50000	0.0	0.0	0.0
	40.00000	47.00000	0.00000	-1.3908	-0.50000	0.0	0.0	0.0
	41.00000	47.00000	0.00000	-1.2968	-0.50000	0.0	0.0	0.0
	42.00000	47.00000	0.00000	-1.2028	-0.50000	0.0	0.0	0.0
	43.00000	47.00000	0.00000	-1.1095	-0.50000	0.0	0.0	0.0
	44.00000	47.00000	0.00000	-1.0174	-0.50000	0.0	0.0	0.0
	45.00000	47.00000	0.00000	-0.92709	-0.50000	0.0	0.0	0.0
	46.00000	47.00000	0.00000	-0.83898	-0.50000	0.0	0.0	0.0
	47.00000	47.00000	0.00000	-0.75342	-0.50000	0.0	0.0	0.0
	48.00000	47.00000	0.00000	-0.67072	-0.50000	0.0	0.0	0.0
	49.00000	47.00000	0.00000	-0.59109	-0.50000	0.0	0.0	0.0
	50.00000	47.00000	0.00000	-0.51470	-0.50000	0.0	0.0	0.0
	51.00000	47.00000	0.00000	-0.44166	-0.50000	0.0	0.0	0.0
	52.00000	47.00000	0.00000	-0.37205	-0.50000	0.0	0.0	0.0
	53.00000	47.00000	0.00000	-0.30589	-0.50000	0.0	0.0	0.0
	54.00000	47.00000	0.00000	-0.24318	-0.50000	0.0	0.0	0.0
	55.00000	47.00000	0.00000	-0.18388	-0.50000	0.0	0.0	0.0
	56.00000	47.00000	0.00000	-0.12793	-0.50000	0.0	0.0	0.0
	57.00000	47.00000	0.00000	-0.075271	-0.50000	0.0	0.0	0.0
	58.00000	47.00000	0.00000	-0.025806	-0.50000	0.0	0.0	0.0
	59.00000	47.00000	0.00000	0.020560	-0.50000	0.0	0.0	0.0
	60.00000	47.00000	0.00000	0.063933	-0.50000	0.0	0.0	0.0
	-20.00000	48.00000	0.00000	0.11880	-0.50000	0.0	0.0	0.0
	-19.00000	48.00000	0.00000	0.081498	-0.50000	0.0	0.0	0.0
	-18.00000	48.00000	0.00000	0.041817	-0.50000	0.0	0.0	0.0
	-17.00000	48.00000	0.00000	-296.37E-6	-0.50000	0.0	0.0	0.0
	-16.00000	48.00000	0.00000	-0.044882	-0.50000	0.0	0.0	0.0
	-15.00000	48.00000	0.00000	-0.091968	-0.50000	0.0	0.0	0.0
	-14.00000	48.00000	0.00000	-0.14157	-0.50000	0.0	0.0	0.0
	-13.00000	48.00000	0.00000	-0.19367	-0.50000	0.0	0.0	0.0
	-12.00000	48.00000	0.00000	-0.24826	-0.50000	0.0	0.0	0.0
	-11.00000	48.00000	0.00000	-0.30529	-0.50000	0.0	0.0	0.0
	-10.00000	48.00000	0.00000	-0.36468	-0.50000	0.0	0.0	0.0
	-9.00000	48.00000	0.00000	-0.42634	-0.50000	0.0	0.0	0.0
	-8.00000	48.00000	0.00000	-0.49014	-0.50000	0.0	0.0	0.0
	-7.00000	48.00000	0.00000	-0.55592	-0.50000	0.0	0.0	0.0
	-6.00000	48.00000	0.00000	-0.62349	-0.50000	0.0	0.0	0.0
	-5.00000	48.00000	0.00000	-0.69265	-0.50000	0.0	0.0	0.0
	-4.00000	48.00000	0.00000	-0.76314	-0.50000	0.0	0.0	0.0
	-3.00000	48.00000	0.00000	-0.83468	-0.50000	0.0	0.0	0.0
	-2.00000	48.00000	0.00000	-0.90698	-0.50000	0.0	0.0	0.0
	-1.00000	48.00000	0.00000	-0.97973	-0.50000	0.0	0.0	0.0
	0.00000	48.00000	0.00000	-1.0526	-0.50000	0.0	0.0	0.0
	1.00000	48.00000	0.00000	-1.1252	-0.50000	0.0	0.0	0.0
	2.00000	48.00000	0.00000	-1.1973	-0.50000	0.0	0.0	0.0
	3.00000	48.00000	0.00000	-1.2684	-0.50000	0.0	0.0	0.0
	4.00000	48.00000	0.00000	-1.3383	-0.50000	0.0	0.0	0.0
	5.00000	48.00000	0.00000	-1.4066	-0.50000	0.0	0.0	0.0
	6.00000	48.00000	0.00000	-1.4730	-0.50000	0.0	0.0	0.0
	7.00000	48.00000	0.00000	-1.5373	-0.50000	0.0	0.0	0.0
	8.00000	48.00000	0.00000	-1.5991	-0.50000	0.0	0.0	0.0
	9.00000	48.00000	0.00000	-1.6583	-0.50000	0.0	0.0	0.0
	10.00000	48.00000	0.00000	-1.7145	-0.50000	0.0	0.0	0.0
	11.00000	48.00000	0.00000	-1.7676	-0.50000	0.0	0.0	0.0
	12.00000	48.00000	0.00000	-1.8173	-0.50000	0.0	0.0	0.0
	13.00000	48.00000	0.00000	-1.8636	-0.50000	0.0	0.0	0.0
	14.00000	48.00000	0.00000	-1.9061	-0.50000	0.0	0.0	0.0
	15.00000	48.00000	0.00000	-1.9447	-0.50000	0.0	0.0	0.0
	16.00000	48.00000	0.00000	-1.9791	-0.50000	0.0	0.0	0.0
	17.00000	48.00000	0.00000	-2.0092	-0.50000	0.0	0.0	0.0
	18.00000	48.00000	0.00000	-2.0348	-0.50000	0.0	0.0	0.0
	19.00000	48.00000	0.00000	-2.0556	-0.50000	0.0	0.0	0.0
	20.00000	48.00000	0.00000	-2.0713	-0.50000	0.0	0.0	0.0
	21.00000	48.00000	0.00000	-2.0818	-0.50000	0.0	0.0	0.0
	22.00000	48.00000	0.00000	-2.0869	-0.50000	0.0	0.0	0.0
	23.00000	48.00000	0.00000	-2.0862	-0.50000	0.0	0.0	0.0
	24.00000	48.00000	0.00000	-2.0796	-0.50000	0.0	0.0	0.0
	25.00000	48.00000	0.00000	-2.0669	-0.50000	0.0	0.0	0.0
	26.00000	48.00000	0.00000	-2.0481	-0.50000	0.0	0.0	0.0
	27.00000	48.00000	0.00000	-2.0229	-0.50000	0.0	0.0	0.0
	28.00000	48.00000	0.00000	-1.9915	-0.50000	0.0	0.0	0.0
	29.00000	48.00000	0.00000	-1.9539	-0.50000	0.0	0.0	0.0
	30.00000	48.00000	0.00000	-1.9101	-0.50000	0.0	0.0	0.0
	31.00000	48.00000	0.00000	-1.8605	-0.50000	0.0	0.0	0.0
	32.00000	48.00000	0.00000	-1.8053	-0.50000	0.0	0.0	0.0
	33.00000	48.00000	0.00000	-1.7447	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	42.00000	48.00000	0.00000	-1.0493	-0.50000	0.0	0.0	0.0
	43.00000	48.00000	0.00000	-0.96626	-0.50000	0.0	0.0	0.0
	44.00000	48.00000	0.00000	-0.88414	-0.50000	0.0	0.0	0.0
	45.00000	48.00000	0.00000	-0.80339	-0.50000	0.0	0.0	0.0
	46.00000	48.00000	0.00000	-0.72441	-0.50000	0.0	0.0	0.0
	47.00000	48.00000	0.00000	-0.64753	-0.50000	0.0	0.0	0.0
	48.00000	48.00000	0.00000	-0.57303	-0.50000	0.0	0.0	0.0
	49.00000	48.00000	0.00000	-0.50111	-0.50000	0.0	0.0	0.0
	50.00000	48.00000	0.00000	-0.43195	-0.50000	0.0	0.0	0.0
	51.00000	48.00000	0.00000	-0.36567	-0.50000	0.0	0.0	0.0
	52.00000	48.00000	0.00000	-0.30235	-0.50000	0.0	0.0	0.0
	53.00000	48.00000	0.00000	-0.24204	-0.50000	0.0	0.0	0.0
	54.00000	48.00000	0.00000	-0.18474	-0.50000	0.0	0.0	0.0
	55.00000	48.00000	0.00000	-0.13046	-0.50000	0.0	0.0	0.0
	56.00000	48.00000	0.00000	-0.079157	-0.50000	0.0	0.0	0.0
	57.00000	48.00000	0.00000	-0.030779	-0.50000	0.0	0.0	0.0
	58.00000	48.00000	0.00000	0.014734	-0.50000	0.0	0.0	0.0
	59.00000	48.00000	0.00000	0.057460	-0.50000	0.0	0.0	0.0
	60.00000	48.00000	0.00000	0.097481	-0.50000	0.0	0.0	0.0
	-20.00000	49.00000	0.00000	0.15061	-0.50000	0.0	0.0	0.0
	-19.00000	49.00000	0.00000	0.11634	-0.50000	0.0	0.0	0.0
	-18.00000	49.00000	0.00000	0.079914	-0.50000	0.0	0.0	0.0
	-17.00000	49.00000	0.00000	0.041302	-0.50000	0.0	0.0	0.0
	-16.00000	49.00000	0.00000	472.06E-6	-0.50000	0.0	0.0	0.0
	-15.00000	49.00000	0.00000	-0.042593	-0.50000	0.0	0.0	0.0
	-14.00000	49.00000	0.00000	-0.087895	-0.50000	0.0	0.0	0.0
	-13.00000	49.00000	0.00000	-0.13542	-0.50000	0.0	0.0	0.0
	-12.00000	49.00000	0.00000	-0.18515	-0.50000	0.0	0.0	0.0
	-11.00000	49.00000	0.00000	-0.23701	-0.50000	0.0	0.0	0.0
	-10.00000	49.00000	0.00000	-0.29095	-0.50000	0.0	0.0	0.0
	-9.00000	49.00000	0.00000	-0.34687	-0.50000	0.0	0.0	0.0
	-8.00000	49.00000	0.00000	-0.40465	-0.50000	0.0	0.0	0.0
	-7.00000	49.00000	0.00000	-0.46414	-0.50000	0.0	0.0	0.0
	-6.00000	49.00000	0.00000	-0.52517	-0.50000	0.0	0.0	0.0
	-5.00000	49.00000	0.00000	-0.58756	-0.50000	0.0	0.0	0.0
	-4.00000	49.00000	0.00000	-0.65108	-0.50000	0.0	0.0	0.0
	-3.00000	49.00000	0.00000	-0.71549	-0.50000	0.0	0.0	0.0
	-2.00000	49.00000	0.00000	-0.78052	-0.50000	0.0	0.0	0.0
	-1.00000	49.00000	0.00000	-0.84591	-0.50000	0.0	0.0	0.0
	0.00000	49.00000	0.00000	-0.91137	-0.50000	0.0	0.0	0.0
	1.00000	49.00000	0.00000	-0.97659	-0.50000	0.0	0.0	0.0
	2.00000	49.00000	0.00000	-1.0413	-0.50000	0.0	0.0	0.0
	3.00000	49.00000	0.00000	-1.1051	-0.50000	0.0	0.0	0.0
	4.00000	49.00000	0.00000	-1.1679	-0.50000	0.0	0.0	0.0
	5.00000	49.00000	0.00000	-1.2292	-0.50000	0.0	0.0	0.0
	6.00000	49.00000	0.00000	-1.2888	-0.50000	0.0	0.0	0.0
	7.00000	49.00000	0.00000	-1.3465	-0.50000	0.0	0.0	0.0
	8.00000	49.00000	0.00000	-1.4020	-0.50000	0.0	0.0	0.0
	9.00000	49.00000	0.00000	-1.4551	-0.50000	0.0	0.0	0.0
	10.00000	49.00000	0.00000	-1.5055	-0.50000	0.0	0.0	0.0
	11.00000	49.00000	0.00000	-1.5531	-0.50000	0.0	0.0	0.0
	12.00000	49.00000	0.00000	-1.5977	-0.50000	0.0	0.0	0.0
	13.00000	49.00000	0.00000	-1.6390	-0.50000	0.0	0.0	0.0
	14.00000	49.00000	0.00000	-1.6769	-0.50000	0.0	0.0	0.0
	15.00000	49.00000	0.00000	-1.7112	-0.50000	0.0	0.0	0.0
	16.00000	49.00000	0.00000	-1.7418	-0.50000	0.0	0.0	0.0
	17.00000	49.00000	0.00000	-1.7684	-0.50000	0.0	0.0	0.0
	18.00000	49.00000	0.00000	-1.7908	-0.50000	0.0	0.0	0.0
	19.00000	49.00000	0.00000	-1.8088	-0.50000	0.0	0.0	0.0
	20.00000	49.00000	0.00000	-1.8223	-0.50000	0.0	0.0	0.0
	21.00000	49.00000	0.00000	-1.8311	-0.50000	0.0	0.0	0.0
	22.00000	49.00000	0.00000	-1.8349	-0.50000	0.0	0.0	0.0
	23.00000	49.00000	0.00000	-1.8336	-0.50000	0.0	0.0	0.0
	24.00000	49.00000	0.00000	-1.8270	-0.50000	0.0	0.0	0.0
	25.00000	49.00000	0.00000	-1.8150	-0.50000	0.0	0.0	0.0
	26.00000	49.00000	0.00000	-1.7976	-0.50000	0.0	0.0	0.0
	27.00000	49.00000	0.00000	-1.7746	-0.50000	0.0	0.0	0.0
	28.00000	49.00000	0.00000	-1.7462	-0.50000	0.0	0.0	0.0
	29.00000	49.00000	0.00000	-1.7123	-0.50000	0.0	0.0	0.0
	30.00000	49.00000	0.00000	-1.6731	-0.50000	0.0	0.0	0.0
	31.00000	49.00000	0.00000	-1.6287	-0.50000	0.0	0.0	0.0
	32.00000	49.00000	0.00000	-1.5795	-0.50000	0.0	0.0	0.0
	33.00000	49.00000	0.00000	-1.5257	-0.50000	0.0	0.0	0.0
	34.00000	49.00000	0.00000	-1.4677	-0.50000	0.0	0.0	0.0
	35.00000	49.00000	0.00000	-1.4059	-0.50000	0.0	0.0	0.0
	36.00000	49.00000	0.00000	-1.3407	-0.50000	0.0	0.0	0.0
	37.00000	49.00000	0.00000	-1.2727	-0.50000	0.0	0.0	0.0
	38.00000	49.00000	0.00000	-1.2024	-0.50000	0.0	0.0	0.0
	39.00000	49.00000	0.00000	-1.1303	-0.50000	0.0	0.0	0.0
	40.00000	49.00000	0.00000	-1.0570	-0.50000	0.0	0.0	0.0
	41.00000	49.00000	0.00000	-0.98291	-0.50000	0.0	0.0	0.0
	42.00000	49.00000	0.00000	-0.90862	-0.50000	0.0	0.0	0.0
	43.00000	49.00000	0.00000	-0.83458	-0.50000	0.0	0.0	0.0
	44.00000	49.00000	0.00000	-0.76123	-0.50000	0.0	0.0	0.0
	45.00000	49.00000	0.00000	-0.68897	-0.50000	0.0	0.0	0.0
	46.00000	49.00000	0.00000	-0.61813	-0.50000	0.0	0.0	0.0
	47.00000	49.00000	0.00000	-0.54902	-0.50000	0.0	0.0	0.0
	48.00000	49.00000	0.00000	-0.48190	-0.50000	0.0	0.0	0.0
	49.00000	49.00000	0.00000	-0.41695	-0.50000	0.0	0.0	0.0
	50.00000	49.00000	0.00000	-0.35436	-0.50000	0.0	0.0	0.0
	51.00000	49.00000	0.00000	-0.29424	-0.50000	0.0	0.0	0.0
	52.00000	49.00000	0.00000	-0.23669	-0.50000	0.0	0.0	0.0
	53.00000	49.00000	0.00000	-0.18175	-0.50000	0.0	0.0	0.0
	54.00000	49.00000	0.00000	-0.12947	-0.50000	0.0	0.0	0.0
	55.00000	49.00000	0.00000	-0.07984	-0.50000	0.0	0.0	0.0
	56.00000	49.00000	0.00000	-0.032854	-0.50000	0.0	0.0	0.0
	57.00000	49.00000	0.00000	0.011523	-0.50000	0.0	0.0	0.0
	58.00000	49.00000	0.00000	0.053335	-0.50000	0.0	0.0	0.0
	59.00000	49.00000	0.00000	0.092639	-0.50000	0.0	0.0	0.0
	60.00000	49.00000	0.00000	0.12950	-0.50000	0.0	0.0	0.0
	-20.00000	50.00000	0.00000	0.18074	-0.50000	0.0	0.0	0.0
	-19.00000	50.00000	0.00000	0.14930	-0.50000	0.0	0.0	0.0
	-18.00000	50.00000	0.00000	0.11592	-0.50000	0.0	0.0	0.0
	-17.00000	50.00000	0.00000	0.080562	-0.50000	0.0	0.0	0.0
	-16.00000	50.00000	0.00000	0.043216	-0.50000	0.0	0.0	0.0
	-15.00000	50.00000	0.00000	0.0038718	-0.50000	0.0	0.0	0.0
	-14.00000	50.00000	0.00000	-0.037468	-0.50000	0.0	0.0	0.0
	-13.00000	50.00000	0.00000	-0.080785	-0.50000	0.0	0.0	0.0
	-12.00000	50.00000	0.00000	-0.12604	-0.50000	0.0	0.0	0.0
	-11.00000	50.00000	0.00000	-0.17319	-0.50000	0.0	0.0	0.0
	-10.00000	50.00000	0.00000	-0.22217	-0.50000	0.0	0.0	0.0
	-9.00000	50.00000	0.00000	-0.27287	-0.50000	0.0	0.0	0.0
	-8.00000	50.00000	0.00000	-0.32519	-0.50000	0.0	0.0	0.0
	-7.00000	50.00000	0.00000	-0.37900	-0.50000	0.0	0.0	0.0
	-6.00000	50.00000	0.00000	-0.43414	-0.50000	0.0	0.0	0.0
	-5.00000	50.00000	0.00000	-0.49044	-0.50000	0.0	0.0	0.0
	-4.00000	50.00000	0.00000	-0.54771	-0.50000	0.0	0.0	0.0
	-3.00000	50.00000	0.00000	-0.60573	-0.50000	0.0	0.0	0.0
	-2.00000	50.00000	0.00000	-0.66427	-0.50000	0.0	0.0	0.0
	-1.00000	50.00000	0.00000	-0.72308	-0.50000	0.0	0.0	0.0
	0.00000	50.00000	0.00000	-0.78193	-0.50000	0.0	0.0	0.0
	1.00000	50.00000	0.00000	-0.84054	-0.50000	0.0	0.0	0.0
	2.00000	50.00000	0.00000	-0.89866	-0.50000	0.0	0.0	0.0
	3.00000	50.00000	0.00000	-0.95601	-0.50000	0.0	0.0	0.0
	4.00000	50.00000	0.00000	-1.0124	-0.50000	0.0	0.0	0.0
	5.00000	50.00000	0.00000	-1.0674	-0.50000	0.0	0.0	0.0
	6.00000	50.00000	0.00000	-1.1210	-0.50000	0.0	0.0	0.0
	7.00000	50.00000	0.00000	-1.1728	-0.50000	0.0	0.0	0.0
	8.00000	50.00000	0.00000	-1.2226	-0.50000	0.0	0.0	0.0
	9.00000	50.00000	0.00000	-1.2702	-0.50000	0.0	0.0	0.0
	10.00000	50.00000	0.00000	-1.3155	-0.50000	0.0	0.0	0.0
	11.00000	50.00000	0.00000	-1.3581	-0.50000	0.0	0.0	0.0
	12.00000	50.00000	0.00000	-1.3981	-0.50000	0.0	0.0	0.0
	13.00000	50.00000	0.00000	-1.4350	-0.50000	0.0	0.0	0.0
	14.00000	50.00000	0.00000	-1.4689	-0.50000	0.0	0.0	0.0
	15.00000	50.00000	0.00000	-1.4994	-0.50000	0.0	0.0	0.0
	16.00000	50.00000	0.00000	-1.5266	-0.50000	0.0	0.0	0.0
	17.00000	50.00000	0.00000	-1.5500	-0.50000	0.0	0.0	0.0
	18.00000	50.00000	0.00000	-1.5697	-0.50000	0.0	0.0	0.0
	19.00000	50.00000	0.00000	-1.5855	-0.50000	0.0	0.0	0.0
	20.00000	50.00000	0.00000	-1.5971	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	21.00000	50.00000	0.00000	-1.6044	-0.50000	0.0	0.0	0.0
	22.00000	50.00000	0.00000	-1.6072	-0.50000	0.0	0.0	0.0
	23.00000	50.00000	0.00000	-1.6055	-0.50000	0.0	0.0	0.0
	24.00000	50.00000	0.00000	-1.5991	-0.50000	0.0	0.0	0.0
	25.00000	50.00000	0.00000	-1.5879	-0.50000	0.0	0.0	0.0
	26.00000	50.00000	0.00000	-1.5719	-0.50000	0.0	0.0	0.0
	27.00000	50.00000	0.00000	-1.5510	-0.50000	0.0	0.0	0.0
	28.00000	50.00000	0.00000	-1.5252	-0.50000	0.0	0.0	0.0
	29.00000	50.00000	0.00000	-1.4947	-0.50000	0.0	0.0	0.0
	30.00000	50.00000	0.00000	-1.4596	-0.50000	0.0	0.0	0.0
	31.00000	50.00000	0.00000	-1.4199	-0.50000	0.0	0.0	0.0
	32.00000	50.00000	0.00000	-1.3760	-0.50000	0.0	0.0	0.0
	33.00000	50.00000	0.00000	-1.3281	-0.50000	0.0	0.0	0.0
	34.00000	50.00000	0.00000	-1.2765	-0.50000	0.0	0.0	0.0
	35.00000	50.00000	0.00000	-1.2216	-0.50000	0.0	0.0	0.0
	36.00000	50.00000	0.00000	-1.1637	-0.50000	0.0	0.0	0.0
	37.00000	50.00000	0.00000	-1.1034	-0.50000	0.0	0.0	0.0
	38.00000	50.00000	0.00000	-1.0409	-0.50000	0.0	0.0	0.0
	39.00000	50.00000	0.00000	-0.97689	-0.50000	0.0	0.0	0.0
	40.00000	50.00000	0.00000	-0.91169	-0.50000	0.0	0.0	0.0
	41.00000	50.00000	0.00000	-0.84577	-0.50000	0.0	0.0	0.0
	42.00000	50.00000	0.00000	-0.77957	-0.50000	0.0	0.0	0.0
	43.00000	50.00000	0.00000	-0.71349	-0.50000	0.0	0.0	0.0
	44.00000	50.00000	0.00000	-0.64792	-0.50000	0.0	0.0	0.0
	45.00000	50.00000	0.00000	-0.58319	-0.50000	0.0	0.0	0.0
	46.00000	50.00000	0.00000	-0.51962	-0.50000	0.0	0.0	0.0
	47.00000	50.00000	0.00000	-0.45748	-0.50000	0.0	0.0	0.0
	48.00000	50.00000	0.00000	-0.39700	-0.50000	0.0	0.0	0.0
	49.00000	50.00000	0.00000	-0.33836	-0.50000	0.0	0.0	0.0
	50.00000	50.00000	0.00000	-0.28173	-0.50000	0.0	0.0	0.0
	51.00000	50.00000	0.00000	-0.22723	-0.50000	0.0	0.0	0.0
	52.00000	50.00000	0.00000	-0.17496	-0.50000	0.0	0.0	0.0
	53.00000	50.00000	0.00000	-0.12497	-0.50000	0.0	0.0	0.0
	54.00000	50.00000	0.00000	-0.077304	-0.50000	0.0	0.0	0.0
	55.00000	50.00000	0.00000	-0.031986	-0.50000	0.0	0.0	0.0
	56.00000	50.00000	0.00000	0.010988	-0.50000	0.0	0.0	0.0
	57.00000	50.00000	0.00000	0.051636	-0.50000	0.0	0.0	0.0
	58.00000	50.00000	0.00000	0.089987	-0.50000	0.0	0.0	0.0
	59.00000	50.00000	0.00000	0.12608	-0.50000	0.0	0.0	0.0
	60.00000	50.00000	0.00000	0.15998	-0.50000	0.0	0.0	0.0
Grid 2	-20.00000	-20.00000	-8.50000	0.19586	-8.9310	-26.234E-6	-0.29011	3.3457E-6
	-19.00000	-20.00000	-8.50000	0.16546	-8.9310	-28.548E-6	-0.30401	3.5060E-6
	-18.00000	-20.00000	-8.50000	0.13314	-8.9310	-31.081E-6	-0.31863	3.6746E-6
	-17.00000	-20.00000	-8.50000	0.098654	-8.9310	-33.855E-6	-0.33402	3.8520E-6
	-16.00000	-20.00000	-8.50000	0.062578	-8.9310	-36.889E-6	-0.35019	4.0384E-6
	-15.00000	-20.00000	-8.50000	0.024292	-8.9310	-40.206E-6	-0.36716	4.2341E-6
	-14.00000	-20.00000	-8.50000	-0.016008	-8.9310	-43.827E-6	-0.38497	4.4394E-6
	-13.00000	-20.00000	-8.50000	-0.058319	-8.9310	-47.774E-6	-0.40362	4.6544E-6
	-12.00000	-20.00000	-8.50000	-0.10262	-8.9310	-52.069E-6	-0.42314	4.8794E-6
	-11.00000	-20.00000	-8.50000	-0.14887	-8.9310	-56.733E-6	-0.44351	5.1143E-6
	-10.00000	-20.00000	-8.50000	-0.19701	-8.9310	-61.782E-6	-0.46475	5.3591E-6
	-9.00000	-20.00000	-8.50000	-0.24696	-8.9310	-67.231E-6	-0.48684	5.6137E-6
	-8.00000	-20.00000	-8.50000	-0.29863	-8.9310	-73.090E-6	-0.50974	5.8777E-6
	-7.00000	-20.00000	-8.50000	-0.35188	-8.9310	-79.363E-6	-0.53343	6.1508E-6
	-6.00000	-20.00000	-8.50000	-0.40657	-8.9310	-86.047E-6	-0.55786	6.4323E-6
	-5.00000	-20.00000	-8.50000	-0.46252	-8.9310	-93.128E-6	-0.58294	6.7215E-6
	-4.00000	-20.00000	-8.50000	-0.51953	-8.9310	-100.58E-6	-0.60861	7.0173E-6
	-3.00000	-20.00000	-8.50000	-0.57736	-8.9310	-108.38E-6	-0.63476	7.3187E-6
	-2.00000	-20.00000	-8.50000	-0.63577	-8.9310	-116.48E-6	-0.66127	7.6242E-6
	-1.00000	-20.00000	-8.50000	-0.69448	-8.9310	-124.82E-6	-0.68801	7.9324E-6
	0.00000	-20.00000	-8.50000	-0.75319	-8.9310	-133.34E-6	-0.71483	8.2415E-6
	1.00000	-20.00000	-8.50000	-0.81160	-8.9310	-141.96E-6	-0.74158	8.5498E-6
	2.00000	-20.00000	-8.50000	-0.86938	-8.9310	-150.61E-6	-0.76809	8.8553E-6
	3.00000	-20.00000	-8.50000	-0.92620	-8.9310	-159.20E-6	-0.79419	9.1561E-6
	4.00000	-20.00000	-8.50000	-0.98173	-8.9310	-167.64E-6	-0.81972	9.4503E-6
	5.00000	-20.00000	-8.50000	-1.0356	-8.9310	-175.86E-6	-0.84449	9.7357E-6
	6.00000	-20.00000	-8.50000	-1.0876	-8.9310	-183.78E-6	-0.86835	10.011E-6
	7.00000	-20.00000	-8.50000	-1.1373	-8.9310	-191.33E-6	-0.89114	10.273E-6
	8.00000	-20.00000	-8.50000	-1.1845	-8.9310	-198.45E-6	-0.91273	10.522E-6
	9.00000	-20.00000	-8.50000	-1.2289	-8.9310	-205.09E-6	-0.93298	10.756E-6
	10.00000	-20.00000	-8.50000	-1.2702	-8.9310	-211.21E-6	-0.95178	10.972E-6
	11.00000	-20.00000	-8.50000	-1.3082	-8.9310	-216.79E-6	-0.96903	11.171E-6
	12.00000	-20.00000	-8.50000	-1.3426	-8.9310	-221.79E-6	-0.98464	11.351E-6
	13.00000	-20.00000	-8.50000	-1.3734	-8.9310	-226.21E-6	-0.99855	11.511E-6
	14.00000	-20.00000	-8.50000	-1.4004	-8.9310	-230.04E-6	-1.0107	11.651E-6
	15.00000	-20.00000	-8.50000	-1.4234	-8.9310	-233.27E-6	-1.0210	11.770E-6
	16.00000	-20.00000	-8.50000	-1.4423	-8.9310	-235.91E-6	-1.0295	11.868E-6
	17.00000	-20.00000	-8.50000	-1.4570	-8.9310	-237.95E-6	-1.0361	11.944E-6
	18.00000	-20.00000	-8.50000	-1.4675	-8.9310	-239.40E-6	-1.0408	11.998E-6
	19.00000	-20.00000	-8.50000	-1.4736	-8.9310	-240.26E-6	-1.0435	12.030E-6
	20.00000	-20.00000	-8.50000	-1.4755	-8.9310	-240.53E-6	-1.0444	12.039E-6
	21.00000	-20.00000	-8.50000	-1.4730	-8.9310	-240.21E-6	-1.0433	12.027E-6
	22.00000	-20.00000	-8.50000	-1.4662	-8.9310	-239.31E-6	-1.0403	11.992E-6
	23.00000	-20.00000	-8.50000	-1.4551	-8.9310	-237.81E-6	-1.0354	11.936E-6
	24.00000	-20.00000	-8.50000	-1.4397	-8.9310	-235.73E-6	-1.0286	11.857E-6
	25.00000	-20.00000	-8.50000	-1.4202	-8.9310	-233.05E-6	-1.0199	11.757E-6
	26.00000	-20.00000	-8.50000	-1.3966	-8.9310	-229.77E-6	-1.0093	11.635E-6
	27.00000	-20.00000	-8.50000	-1.3691	-8.9310	-225.90E-6	-0.99697	11.493E-6
	28.00000	-20.00000	-8.50000	-1.3377	-8.9310	-221.44E-6	-0.98285	11.330E-6
	29.00000	-20.00000	-8.50000	-1.3026	-8.9310	-216.40E-6	-0.96704	11.148E-6
	30.00000	-20.00000	-8.50000	-1.2641	-8.9310	-210.79E-6	-0.94959	10.947E-6
	31.00000	-20.00000	-8.50000	-1.2223	-8.9310	-204.63E-6	-0.93061	10.728E-6
	32.00000	-20.00000	-8.50000	-1.1775	-8.9310	-197.96E-6	-0.91018	10.493E-6
	33.00000	-20.00000	-8.50000	-1.1298	-8.9310	-190.81E-6	-0.88843	10.242E-6
	34.00000	-20.00000	-8.50000	-1.0797	-8.9310	-183.23E-6	-0.86549	9.9777E-6
	35.00000	-20.00000	-8.50000	-1.0273	-8.9310	-175.28E-6	-0.84148	9.7011E-6
	36.00000	-20.00000	-8.50000	-0.97307	-8.9310	-167.04E-6	-0.81659	9.4142E-6
	37.00000	-20.00000	-8.50000	-0.91723	-8.9310	-158.58E-6	-0.79095	9.1187E-6
	38.00000	-20.00000	-8.50000	-0.86012	-8.9310	-149.98E-6	-0.76475	8.8168E-6
	39.00000	-20.00000	-8.50000	-0.80210	-8.9310	-141.32E-6	-0.73815	8.5102E-6
	40.00000	-20.00000	-8.50000	-0.74349	-8.9310	-132.69E-6	-0.71133	8.2011E-6
	41.00000	-20.00000	-8.50000	-0.68461	-8.9310	-124.16E-6	-0.68445	7.8913E-6
	42.00000	-20.00000	-8.50000	-0.62577	-8.9310	-115.82E-6	-0.65766	7.5826E-6
	43.00000	-20.00000	-8.50000	-0.56728	-8.9310	-107.72E-6	-0.63112	7.2768E-6
	44.00000	-20.00000	-8.50000	-0.50939	-8.9310	-99.926E-6	-0.60496	6.9752E-6
	45.00000	-20.00000	-8.50000	-0.45237	-8.9310	-92.475E-6	-0.57929	6.6793E-6
	46.00000	-20.00000	-8.50000	-0.39644	-8.9310	-85.403E-6	-0.55421	6.3903E-6
	47.00000	-20.00000	-8.50000	-0.34180	-8.9310	-78.730E-6	-0.52981	6.1090E-6
	48.00000	-20.00000	-8.50000	-0.28863	-8.9310	-72.471E-6	-0.50615	5.8363E-6
	49.00000	-20.00000	-8.50000	-0.23708	-8.9310	-66.627E-6	-0.48329	5.5728E-6
	50.00000	-20.00000	-8.50000	-0.18727	-8.9310	-61.195E-6	-0.46125	5.3188E-6
	51.00000	-20.00000	-8.50000	-0.13930	-8.9310	-56.164E-6	-0.44008	5.0747E-6
	52.00000	-20.00000	-8.50000	-0.093241	-8.9310	-51.521E-6	-0.41977	4.8406E-6
	53.00000	-20.00000	-8.50000	-0.049154	-8.9310	-47.246E-6	-0.40033	4.6165E-6
	54.00000	-20.00000	-8.50000	-0.0070738	-8.9310	-43.320E-6	-0.38176	4.4024E-6
	55.00000	-20.00000	-8.50000	0.032981	-8.9310	-39.721E-6	-0.36404	4.1981E-6
	56.00000	-20.00000	-8.50000	0.071006	-8.9310	-36.426E-6	-0.34715	4.0034E-6
	57.00000	-20.00000	-8.50000	0.10701	-8.9310	-33.414E-6	-0.33107	3.8180E-6
	58.00000	-20.00000	-8.50000	0.14102	-8.9310	-30.663E-6	-0.31579	3.6418E-6
	59.00000	-20.00000	-8.50000	0.17305	-8.9310	-28.151E-6	-0.30126	3.4743E-6
	60.00000	-20.00000	-8.50000	0.20316	-8.9310	-25.859E-6	-0.28746	3.3151E-6
	-20.00000	-19.00000	-8.50000	0.16715	-8.9310	-28.406E-6	-0.

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	0.00000	-19.00000	-8.50000	-0.88101	-8.9310	-156.43E-6	-0.77624	8.9491E-6
	1.00000	-19.00000	-8.50000	-0.94632	-8.9310	-167.13E-6	-0.80683	9.3016E-6
	2.00000	-19.00000	-8.50000	-1.0110	-8.9310	-177.88E-6	-0.83719	9.6514E-6
	3.00000	-19.00000	-8.50000	-1.0746	-8.9310	-188.57E-6	-0.86711	9.9962E-6
	4.00000	-19.00000	-8.50000	-1.1368	-8.9310	-199.08E-6	-0.89638	10.334E-6
	5.00000	-19.00000	-8.50000	-1.1971	-8.9310	-209.30E-6	-0.92480	10.661E-6
	6.00000	-19.00000	-8.50000	-1.2554	-8.9310	-219.13E-6	-0.95217	10.976E-6
	7.00000	-19.00000	-8.50000	-1.3111	-8.9310	-228.49E-6	-0.97832	11.278E-6
	8.00000	-19.00000	-8.50000	-1.3639	-8.9310	-237.29E-6	-1.0031	11.563E-6
	9.00000	-19.00000	-8.50000	-1.4136	-8.9310	-245.48E-6	-1.0263	11.830E-6
	10.00000	-19.00000	-8.50000	-1.4598	-8.9310	-253.00E-6	-1.0478	12.078E-6
	11.00000	-19.00000	-8.50000	-1.5023	-8.9310	-259.83E-6	-1.0675	12.305E-6
	12.00000	-19.00000	-8.50000	-1.5409	-8.9310	-265.94E-6	-1.0853	12.511E-6
	13.00000	-19.00000	-8.50000	-1.5753	-8.9310	-271.31E-6	-1.1012	12.694E-6
	14.00000	-19.00000	-8.50000	-1.6055	-8.9310	-275.96E-6	-1.1150	12.853E-6
	15.00000	-19.00000	-8.50000	-1.6311	-8.9310	-279.87E-6	-1.1268	12.989E-6
	16.00000	-19.00000	-8.50000	-1.6522	-8.9310	-283.05E-6	-1.1364	13.100E-6
	17.00000	-19.00000	-8.50000	-1.6687	-8.9310	-285.51E-6	-1.1439	13.186E-6
	18.00000	-19.00000	-8.50000	-1.6804	-8.9310	-287.25E-6	-1.1493	13.248E-6
	19.00000	-19.00000	-8.50000	-1.6872	-8.9310	-288.29E-6	-1.1524	13.284E-6
	20.00000	-19.00000	-8.50000	-1.6893	-8.9310	-288.61E-6	-1.1534	13.295E-6
	21.00000	-19.00000	-8.50000	-1.6865	-8.9310	-288.24E-6	-1.1521	13.281E-6
	22.00000	-19.00000	-8.50000	-1.6789	-8.9310	-287.15E-6	-1.1487	13.242E-6
	23.00000	-19.00000	-8.50000	-1.6665	-8.9310	-285.35E-6	-1.1431	13.177E-6
	24.00000	-19.00000	-8.50000	-1.6494	-8.9310	-282.84E-6	-1.1354	13.088E-6
	25.00000	-19.00000	-8.50000	-1.6276	-8.9310	-279.61E-6	-1.1255	12.974E-6
	26.00000	-19.00000	-8.50000	-1.6013	-8.9310	-275.65E-6	-1.1135	12.836E-6
	27.00000	-19.00000	-8.50000	-1.5705	-8.9310	-270.96E-6	-1.0994	12.673E-6
	28.00000	-19.00000	-8.50000	-1.5354	-8.9310	-265.53E-6	-1.0833	12.488E-6
	29.00000	-19.00000	-8.50000	-1.4962	-8.9310	-259.38E-6	-1.0653	12.280E-6
	30.00000	-19.00000	-8.50000	-1.4531	-8.9310	-252.51E-6	-1.0453	12.050E-6
	31.00000	-19.00000	-8.50000	-1.4063	-8.9310	-244.94E-6	-1.0236	11.800E-6
	32.00000	-19.00000	-8.50000	-1.3561	-8.9310	-236.72E-6	-1.0002	11.530E-6
	33.00000	-19.00000	-8.50000	-1.3028	-8.9310	-227.88E-6	-0.97530	11.243E-6
	34.00000	-19.00000	-8.50000	-1.2466	-8.9310	-218.49E-6	-0.94898	10.940E-6
	35.00000	-19.00000	-8.50000	-1.1880	-8.9310	-208.63E-6	-0.92145	10.622E-6
	36.00000	-19.00000	-8.50000	-1.1272	-8.9310	-198.38E-6	-0.89289	10.293E-6
	37.00000	-19.00000	-8.50000	-1.0647	-8.9310	-187.85E-6	-0.86349	9.9545E-6
	38.00000	-19.00000	-8.50000	-1.0007	-8.9310	-177.15E-6	-0.83346	9.6085E-6
	39.00000	-19.00000	-8.50000	-0.93583	-8.9310	-166.38E-6	-0.80301	9.2576E-6
	40.00000	-19.00000	-8.50000	-0.87031	-8.9310	-155.67E-6	-0.77234	8.9042E-6
	41.00000	-19.00000	-8.50000	-0.80454	-8.9310	-145.11E-6	-0.74166	8.5506E-6
	42.00000	-19.00000	-8.50000	-0.73889	-8.9310	-134.81E-6	-0.71116	8.1991E-6
	43.00000	-19.00000	-8.50000	-0.67369	-8.9310	-124.85E-6	-0.68100	7.8516E-6
	44.00000	-19.00000	-8.50000	-0.60925	-8.9310	-115.30E-6	-0.65135	7.5099E-6
	45.00000	-19.00000	-8.50000	-0.54587	-8.9310	-106.22E-6	-0.62235	7.1756E-6
	46.00000	-19.00000	-8.50000	-0.48379	-8.9310	-97.649E-6	-0.59410	6.8500E-6
	47.00000	-19.00000	-8.50000	-0.42324	-8.9310	-89.606E-6	-0.56670	6.5342E-6
	48.00000	-19.00000	-8.50000	-0.36441	-8.9310	-82.104E-6	-0.54022	6.2290E-6
	49.00000	-19.00000	-8.50000	-0.30746	-8.9310	-75.142E-6	-0.51472	5.9351E-6
	50.00000	-19.00000	-8.50000	-0.25252	-8.9310	-68.709E-6	-0.49023	5.6528E-6
	51.00000	-19.00000	-8.50000	-0.19968	-8.9310	-62.788E-6	-0.46677	5.3824E-6
	52.00000	-19.00000	-8.50000	-0.14904	-8.9310	-57.355E-6	-0.44435	5.1239E-6
	53.00000	-19.00000	-8.50000	-0.10063	-8.9310	-52.383E-6	-0.42296	4.8773E-6
	54.00000	-19.00000	-8.50000	-0.054489	-8.9310	-47.842E-6	-0.40258	4.6425E-6
	55.00000	-19.00000	-8.50000	-0.010630	-8.9310	-43.702E-6	-0.38321	4.4191E-6
	56.00000	-19.00000	-8.50000	0.030953	-8.9310	-39.933E-6	-0.36480	4.2069E-6
	57.00000	-19.00000	-8.50000	0.070281	-8.9310	-36.505E-6	-0.34733	4.0055E-6
	58.00000	-19.00000	-8.50000	0.10738	-8.9310	-33.389E-6	-0.33076	3.8145E-6
	59.00000	-19.00000	-8.50000	0.14230	-8.9310	-30.557E-6	-0.31506	3.6334E-6
	60.00000	-19.00000	-8.50000	0.17509	-8.9310	-27.985E-6	-0.30018	3.4619E-6
	-20.00000	-18.00000	-8.50000	0.13686	-8.9310	-30.763E-6	-0.31659	3.6511E-6
	-19.00000	-18.00000	-8.50000	0.10086	-8.9310	-33.679E-6	-0.33276	3.8374E-6
	-18.00000	-18.00000	-8.50000	0.062501	-8.9310	-36.903E-6	-0.34986	4.0346E-6
	-17.00000	-18.00000	-8.50000	0.021730	-8.9310	-40.466E-6	-0.36794	4.2431E-6
	-16.00000	-18.00000	-8.50000	-0.021508	-8.9310	-44.404E-6	-0.38706	4.4636E-6
	-15.00000	-18.00000	-8.50000	-0.067253	-8.9310	-48.753E-6	-0.40726	4.6964E-6
	-14.00000	-18.00000	-8.50000	-0.11554	-8.9310	-53.554E-6	-0.42858	4.9422E-6
	-13.00000	-18.00000	-8.50000	-0.16637	-8.9310	-58.848E-6	-0.45106	5.2013E-6
	-12.00000	-18.00000	-8.50000	-0.21975	-8.9310	-64.678E-6	-0.47473	5.4742E-6
	-11.00000	-18.00000	-8.50000	-0.27565	-8.9310	-71.083E-6	-0.49962	5.7611E-6
	-10.00000	-18.00000	-8.50000	-0.33402	-8.9310	-78.106E-6	-0.52574	6.0622E-6
	-9.00000	-18.00000	-8.50000	-0.39479	-8.9310	-85.781E-6	-0.55310	6.3775E-6
	-8.00000	-18.00000	-8.50000	-0.45785	-8.9310	-94.140E-6	-0.58168	6.7068E-6
	-7.00000	-18.00000	-8.50000	-0.52306	-8.9310	-103.20E-6	-0.61144	7.0499E-6
	-6.00000	-18.00000	-8.50000	-0.59025	-8.9310	-112.98E-6	-0.64234	7.4060E-6
	-5.00000	-18.00000	-8.50000	-0.65921	-8.9310	-123.46E-6	-0.67429	7.7742E-6
	-4.00000	-18.00000	-8.50000	-0.72968	-8.9310	-134.62E-6	-0.70720	8.1534E-6
	-3.00000	-18.00000	-8.50000	-0.80140	-8.9310	-146.41E-6	-0.74092	8.5420E-6
	-2.00000	-18.00000	-8.50000	-0.87402	-8.9310	-158.77E-6	-0.77530	8.9382E-6
	-1.00000	-18.00000	-8.50000	-0.94719	-8.9310	-171.61E-6	-0.81016	9.3399E-6
	0.00000	-18.00000	-8.50000	-1.0205	-8.9310	-184.80E-6	-0.84528	9.7445E-6
	1.00000	-18.00000	-8.50000	-1.0936	-8.9310	-198.23E-6	-0.88043	10.150E-6
	2.00000	-18.00000	-8.50000	-1.1660	-8.9310	-211.73E-6	-0.91536	10.552E-6
	3.00000	-18.00000	-8.50000	-1.2373	-8.9310	-225.17E-6	-0.94983	10.949E-6
	4.00000	-18.00000	-8.50000	-1.3070	-8.9310	-238.37E-6	-0.98357	11.338E-6
	5.00000	-18.00000	-8.50000	-1.3748	-8.9310	-251.20E-6	-1.0163	11.715E-6
	6.00000	-18.00000	-8.50000	-1.4401	-8.9310	-263.53E-6	-1.0479	12.079E-6
	7.00000	-18.00000	-8.50000	-1.5025	-8.9310	-275.22E-6	-1.0780	12.426E-6
	8.00000	-18.00000	-8.50000	-1.5618	-8.9310	-286.19E-6	-1.1065	12.754E-6
	9.00000	-18.00000	-8.50000	-1.6174	-8.9310	-296.35E-6	-1.1332	13.062E-6
	10.00000	-18.00000	-8.50000	-1.6692	-8.9310	-305.66E-6	-1.1579	13.346E-6
	11.00000	-18.00000	-8.50000	-1.7168	-8.9310	-314.07E-6	-1.1805	13.607E-6
	12.00000	-18.00000	-8.50000	-1.7600	-8.9310	-321.57E-6	-1.2009	13.842E-6
	13.00000	-18.00000	-8.50000	-1.7985	-8.9310	-328.14E-6	-1.2191	14.051E-6
	14.00000	-18.00000	-8.50000	-1.8322	-8.9310	-333.80E-6	-1.2349	14.234E-6
	15.00000	-18.00000	-8.50000	-1.8608	-8.9310	-338.54E-6	-1.2483	14.388E-6
	16.00000	-18.00000	-8.50000	-1.8844	-8.9310	-342.39E-6	-1.2593	14.515E-6
	17.00000	-18.00000	-8.50000	-1.9027	-8.9310	-345.37E-6	-1.2678	14.613E-6
	18.00000	-18.00000	-8.50000	-1.9158	-8.9310	-347.47E-6	-1.2739	14.683E-6
	19.00000	-18.00000	-8.50000	-1.9235	-8.9310	-348.71E-6	-1.2775	14.725E-6
	20.00000	-18.00000	-8.50000	-1.9258	-8.9310	-349.11E-6	-1.2786	14.737E-6
	21.00000	-18.00000	-8.50000	-1.9227	-8.9310	-348.65E-6	-1.2772	14.721E-6
	22.00000	-18.00000	-8.50000	-1.9142	-8.9310	-347.35E-6	-1.2733	14.677E-6
	23.00000	-18.00000	-8.50000	-1.9004	-8.9310	-345.18E-6	-1.2669	14.603E-6
	24.00000	-18.00000	-8.50000	-1.8813	-8.9310	-342.15E-6	-1.2581	14.502E-6
	25.00000	-18.00000	-8.50000	-1.8570	-8.9310	-338.24E-6	-1.2469	14.372E-6
	26.00000	-18.00000	-8.50000	-1.8275	-8.9310	-333.44E-6	-1.2332	14.214E-6
	27.00000	-18.00000	-8.50000	-1.7931	-8.9310	-327.73E-6	-1.2171	14.029E-6
	28.00000	-18.00000	-8.50000	-1.7539	-8.9310	-321.10E-6	-1.1987	13.817E-6
	29.00000	-18.00000	-8.50000	-1.7101	-8.9310	-313.55E-6	-1.1780	13.578E-6
	30.00000	-18.00000	-8.50000	-1.6618	-8.9310	-305.09E-6	-1.1551	13.315E-6
	31.00000	-18.00000	-8.50000	-1.6094	-8.9310	-295.73E-6	-1.1302	13.028E-6
	32.00000	-18.00000	-8.50000	-1.5532	-8.9310	-285.52E-6	-1.1033	12.718E-6
	33.00000	-18.00000	-8.50000	-1.4934	-8.9310	-274.51E-6	-1.0746	12.387E-6
	34.00000	-18.00000	-8.50000	-1.4304	-8.9310	-262.78E-6	-1.0443	12.038E-6
	35.00000	-18.00000	-8.50000	-1.3646	-8.9310	-250.42E-6	-1.0126	11.672E-6
	36.00000	-18.00000	-8.50000	-1.2965	-8.9310	-237.56E-6	-0.97967	11.293E-6
	37.00000	-18.00000	-8.50000	-1.2264	-8.9310	-224.33E-6	-0.94579	10.903E-6
	38.00000	-18.00000	-8.50000	-1.1547	-8.9310	-210.87E-6	-0.91120	10.504E-6
	39.00000	-18.00000	-8.50000	-1.0820	-8.9310	-197.35E-6	-0.87616	10.100E-6
	40.00000	-18.00000	-8.50000	-1.0087	-8.9310	-183.92E-6	-0.84099	9.6944E-6
	41.00000	-18.00000	-8.50000	-0.93518	-8.9310	-170.72E-6	-0.80575	9.2890E-6
	42.00000	-18.00000	-8.50000	-0.86186	-8.9310	-157.88E-6	-0.77084	8.8868E-6
	43.00000	-18.00000	-8.50000	-0.78914	-8.9310	-145.52E-6	-0.73643	8.4903E-6
	44.00000	-18.00000	-8.50000	-0.71738	-8.9310	-133.73E-6	-0.70270	8.1015E-6
	45.00000	-18.00000	-8.50000	-0.64690	-8.9310	-122.58E-6	-0.66980	7.7224E-6
	46.00000	-18.00000	-8.50000	-0.57798	-8.9310	-112.11E-6	-0.63787	7.3544E-6
	47.00000	-18.00000	-8.50000	-0.51087	-8.9310	-102.36E-6	-0.60701	6.9987E-6
	48.00000	-18.00000	-8.50000	-0.44578	-8.9310	-93.316E-6	-0.57729	6.6563E-6
	49.00000	-18.00000	-8.50000	-0.38288	-8.9310	-84.982E-6	-0.54878	6.3277E-6
	50.00000	-18.00000	-8.50000	-0.32230	-8.9310	-77.332E-6	-0.52150	6.0132E-6
	51.00000	-18.00000	-8.50000	-0.26415	-8.9310	-70.337E-6	-0.49547	5.7131E-6
	52.00000	-18.00000	-8.50000	-0.20850	-8.9310	-63.960E-6	-0.47067	5.4273E-6
	53.00000	-18.00000	-8.50000	-0.15539	-8.9310	-58.161E-6	-0.44710	5.1557E-6
	54.00000	-18.00000	-8.50000	-0.10485	-8.9310	-52.898E-6	-0.42473	4.8978E-6
	55.00000	-18.00000	-8.50000	-0.056886	-8.9310	-48.128E-6	-0.40353	4.6534E-6
	56.00000	-18.00000	-8.50000	-0.011470	-8.9310	-43.810E-6	-0.38345	4.4219E-6
	57.00000	-18.00000	-8.50000	0.031426	-8.9310	-39.903E-6	-0.36445	4.2029E-6
	58.00000	-18.00000	-8.50000	0.071847	-8.9310	-36.371E-6	-0.34649	3.9958E-6
	59.00000	-18.00000	-8.50000	0.10985	-8.9310	-33.178E-6	-0.32952	3.8001E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	60.00000	-18.00000	-8.50000	0.14549	-8.9310	-30.290E-6	-0.31348	3.6152E-6
	-20.00000	-17.00000	-8.50000	0.10499	-8.9310	-33.317E-6	-0.33073	3.8141E-6
	-19.00000	-17.00000	-8.50000	0.065907	-8.9310	-36.593E-6	-0.34816	4.0150E-6
	-18.00000	-17.00000	-8.50000	0.024223	-8.9310	-40.232E-6	-0.36666	4.2283E-6
	-17.00000	-17.00000	-8.50000	-0.020138	-8.9310	-44.275E-6	-0.38628	4.4545E-6
	-16.00000	-17.00000	-8.50000	-0.067245	-8.9310	-48.767E-6	-0.40709	4.6944E-6
	-15.00000	-17.00000	-8.50000	-0.11715	-8.9310	-53.758E-6	-0.42914	4.9486E-6
	-14.00000	-17.00000	-8.50000	-0.16991	-8.9310	-59.301E-6	-0.45250	5.2179E-6
	-13.00000	-17.00000	-8.50000	-0.22554	-8.9310	-65.451E-6	-0.47721	5.5028E-6
	-12.00000	-17.00000	-8.50000	-0.28406	-8.9310	-72.268E-6	-0.50334	5.8039E-6
	-11.00000	-17.00000	-8.50000	-0.34545	-8.9310	-79.811E-6	-0.53091	6.1217E-6
	-10.00000	-17.00000	-8.50000	-0.40967	-8.9310	-88.140E-6	-0.55996	6.4565E-6
	-9.00000	-17.00000	-8.50000	-0.47666	-8.9310	-97.308E-6	-0.59050	6.8086E-6
	-8.00000	-17.00000	-8.50000	-0.54630	-8.9310	-107.37E-6	-0.62254	7.1778E-6
	-7.00000	-17.00000	-8.50000	-0.61846	-8.9310	-118.35E-6	-0.65604	7.5639E-6
	-6.00000	-17.00000	-8.50000	-0.69295	-8.9310	-130.29E-6	-0.69096	7.9663E-6
	-5.00000	-17.00000	-8.50000	-0.76954	-8.9310	-143.18E-6	-0.72722	8.3841E-6
	-4.00000	-17.00000	-8.50000	-0.84797	-8.9310	-157.00E-6	-0.76470	8.8159E-6
	-3.00000	-17.00000	-8.50000	-0.92790	-8.9310	-171.70E-6	-0.80324	9.2601E-6
	-2.00000	-17.00000	-8.50000	-1.0090	-8.9310	-187.19E-6	-0.84267	9.7144E-6
	-1.00000	-17.00000	-8.50000	-1.0908	-8.9310	-203.35E-6	-0.88276	10.176E-6
	0.00000	-17.00000	-8.50000	-1.1729	-8.9310	-220.04E-6	-0.92325	10.643E-6
	1.00000	-17.00000	-8.50000	-1.2548	-8.9310	-237.06E-6	-0.96386	11.111E-6
	2.00000	-17.00000	-8.50000	-1.3360	-8.9310	-254.22E-6	-1.0043	11.576E-6
	3.00000	-17.00000	-8.50000	-1.4160	-8.9310	-271.30E-6	-1.0442	12.036E-6
	4.00000	-17.00000	-8.50000	-1.4943	-8.9310	-288.08E-6	-1.0833	12.487E-6
	5.00000	-17.00000	-8.50000	-1.5704	-8.9310	-304.36E-6	-1.1213	12.924E-6
	6.00000	-17.00000	-8.50000	-1.6437	-8.9310	-319.96E-6	-1.1578	13.346E-6
	7.00000	-17.00000	-8.50000	-1.7138	-8.9310	-334.72E-6	-1.1927	13.747E-6
	8.00000	-17.00000	-8.50000	-1.7803	-8.9310	-348.50E-6	-1.2256	14.127E-6
	9.00000	-17.00000	-8.50000	-1.8427	-8.9310	-361.22E-6	-1.2564	14.481E-6
	10.00000	-17.00000	-8.50000	-1.9007	-8.9310	-372.81E-6	-1.2849	14.810E-6
	11.00000	-17.00000	-8.50000	-1.9540	-8.9310	-383.24E-6	-1.3109	15.110E-6
	12.00000	-17.00000	-8.50000	-2.0024	-8.9310	-392.48E-6	-1.3344	15.380E-6
	13.00000	-17.00000	-8.50000	-2.0455	-8.9310	-400.56E-6	-1.3552	15.620E-6
	14.00000	-17.00000	-8.50000	-2.0831	-8.9310	-407.47E-6	-1.3733	15.828E-6
	15.00000	-17.00000	-8.50000	-2.1152	-8.9310	-413.25E-6	-1.3887	16.005E-6
	16.00000	-17.00000	-8.50000	-2.1415	-8.9310	-417.93E-6	-1.4012	16.150E-6
	17.00000	-17.00000	-8.50000	-2.1620	-8.9310	-421.53E-6	-1.4110	16.262E-6
	18.00000	-17.00000	-8.50000	-2.1765	-8.9310	-424.07E-6	-1.4179	16.342E-6
	19.00000	-17.00000	-8.50000	-2.1851	-8.9310	-425.57E-6	-1.4220	16.389E-6
	20.00000	-17.00000	-8.50000	-2.1877	-8.9310	-426.04E-6	-1.4232	16.403E-6
	21.00000	-17.00000	-8.50000	-2.1842	-8.9310	-425.50E-6	-1.4217	16.385E-6
	22.00000	-17.00000	-8.50000	-2.1748	-8.9310	-423.92E-6	-1.4172	16.334E-6
	23.00000	-17.00000	-8.50000	-2.1594	-8.9310	-421.31E-6	-1.4100	16.251E-6
	24.00000	-17.00000	-8.50000	-2.1380	-8.9310	-417.65E-6	-1.3999	16.135E-6
	25.00000	-17.00000	-8.50000	-2.1109	-8.9310	-412.90E-6	-1.3871	15.987E-6
	26.00000	-17.00000	-8.50000	-2.0780	-8.9310	-407.05E-6	-1.3714	15.806E-6
	27.00000	-17.00000	-8.50000	-2.0396	-8.9310	-400.07E-6	-1.3530	15.594E-6
	28.00000	-17.00000	-8.50000	-1.9957	-8.9310	-391.93E-6	-1.3319	15.351E-6
	29.00000	-17.00000	-8.50000	-1.9466	-8.9310	-382.63E-6	-1.3082	15.077E-6
	30.00000	-17.00000	-8.50000	-1.8926	-8.9310	-372.14E-6	-1.2819	14.774E-6
	31.00000	-17.00000	-8.50000	-1.8339	-8.9310	-360.49E-6	-1.2531	14.443E-6
	32.00000	-17.00000	-8.50000	-1.7708	-8.9310	-347.72E-6	-1.2221	14.086E-6
	33.00000	-17.00000	-8.50000	-1.7037	-8.9310	-333.89E-6	-1.1889	13.704E-6
	34.00000	-17.00000	-8.50000	-1.6330	-8.9310	-319.09E-6	-1.1539	13.300E-6
	35.00000	-17.00000	-8.50000	-1.5592	-8.9310	-303.45E-6	-1.1171	12.876E-6
	36.00000	-17.00000	-8.50000	-1.4826	-8.9310	-287.13E-6	-1.0790	12.437E-6
	37.00000	-17.00000	-8.50000	-1.4039	-8.9310	-270.31E-6	-1.0397	11.984E-6
	38.00000	-17.00000	-8.50000	-1.3236	-8.9310	-253.21E-6	-0.99964	11.523E-6
	39.00000	-17.00000	-8.50000	-1.2420	-8.9310	-236.04E-6	-0.95910	11.056E-6
	40.00000	-17.00000	-8.50000	-1.1598	-8.9310	-219.00E-6	-0.91840	10.587E-6
	41.00000	-17.00000	-8.50000	-1.0775	-8.9310	-202.31E-6	-0.87783	10.119E-6
	42.00000	-17.00000	-8.50000	-0.99557	-8.9310	-186.14E-6	-0.83770	9.6570E-6
	43.00000	-17.00000	-8.50000	-0.91439	-8.9310	-170.66E-6	-0.79824	9.2024E-6
	44.00000	-17.00000	-8.50000	-0.83441	-8.9310	-155.97E-6	-0.75968	8.7582E-6
	45.00000	-17.00000	-8.50000	-0.75599	-8.9310	-142.16E-6	-0.72222	8.3265E-6
	46.00000	-17.00000	-8.50000	-0.67945	-8.9310	-129.29E-6	-0.68600	7.9090E-6
	47.00000	-17.00000	-8.50000	-0.60505	-8.9310	-117.37E-6	-0.65112	7.5072E-6
	48.00000	-17.00000	-8.50000	-0.53304	-8.9310	-106.41E-6	-0.61768	7.1218E-6
	49.00000	-17.00000	-8.50000	-0.46358	-8.9310	-96.385E-6	-0.58573	6.7535E-6
	50.00000	-17.00000	-8.50000	-0.39682	-8.9310	-87.248E-6	-0.55527	6.4025E-6
	51.00000	-17.00000	-8.50000	-0.33285	-8.9310	-78.953E-6	-0.52633	6.0688E-6
	52.00000	-17.00000	-8.50000	-0.27174	-8.9310	-71.445E-6	-0.49887	5.7524E-6
	53.00000	-17.00000	-8.50000	-0.21354	-8.9310	-64.665E-6	-0.47287	5.4526E-6
	54.00000	-17.00000	-8.50000	-0.15824	-8.9310	-58.551E-6	-0.44828	5.1692E-6
	55.00000	-17.00000	-8.50000	-0.10584	-8.9310	-53.046E-6	-0.42506	4.9015E-6
	56.00000	-17.00000	-8.50000	-0.056298	-8.9310	-48.093E-6	-0.40314	4.6489E-6
	57.00000	-17.00000	-8.50000	-0.0095745	-8.9310	-43.638E-6	-0.38247	4.4106E-6
	58.00000	-17.00000	-8.50000	0.034394	-8.9310	-39.631E-6	-0.36300	4.1861E-6
	59.00000	-17.00000	-8.50000	0.075678	-8.9310	-36.028E-6	-0.34464	3.9745E-6
	60.00000	-17.00000	-8.50000	0.11436	-8.9310	-32.787E-6	-0.32735	3.7751E-6
	-20.00000	-16.00000	-8.50000	0.071546	-8.9310	-36.082E-6	-0.34547	3.9840E-6
	-19.00000	-16.00000	-8.50000	0.029190	-8.9310	-39.762E-6	-0.36427	4.2008E-6
	-18.00000	-16.00000	-8.50000	-0.016037	-8.9310	-43.871E-6	-0.38428	4.4315E-6
	-17.00000	-16.00000	-8.50000	-0.064232	-8.9310	-48.460E-6	-0.40558	4.6770E-6
	-16.00000	-16.00000	-8.50000	-0.11548	-8.9310	-53.589E-6	-0.42823	4.9381E-6
	-15.00000	-16.00000	-8.50000	-0.16987	-8.9310	-59.322E-6	-0.45232	5.2158E-6
	-14.00000	-16.00000	-8.50000	-0.22745	-8.9310	-65.730E-6	-0.47793	5.5110E-6
	-13.00000	-16.00000	-8.50000	-0.28827	-8.9310	-72.889E-6	-0.50513	5.8245E-6
	-12.00000	-16.00000	-8.50000	-0.35237	-8.9310	-80.881E-6	-0.53399	6.1572E-6
	-11.00000	-16.00000	-8.50000	-0.41974	-8.9310	-89.791E-6	-0.56458	6.5098E-6
	-10.00000	-16.00000	-8.50000	-0.49036	-8.9310	-99.704E-6	-0.59695	6.8828E-6
	-9.00000	-16.00000	-8.50000	-0.56417	-8.9310	-110.71E-6	-0.63113	7.2767E-6
	-8.00000	-16.00000	-8.50000	-0.64107	-8.9310	-122.87E-6	-0.66714	7.6917E-6
	-7.00000	-16.00000	-8.50000	-0.72092	-8.9310	-136.27E-6	-0.70496	8.1276E-6
	-6.00000	-16.00000	-8.50000	-0.80353	-8.9310	-150.95E-6	-0.74457	8.5839E-6
	-5.00000	-16.00000	-8.50000	-0.88865	-8.9310	-166.94E-6	-0.78587	9.0598E-6
	-4.00000	-16.00000	-8.50000	-0.97598	-8.9310	-184.21E-6	-0.82874	9.5537E-6
	-3.00000	-16.00000	-8.50000	-1.0652	-8.9310	-202.71E-6	-0.87301	10.064E-6
	-2.00000	-16.00000	-8.50000	-1.1558	-8.9310	-222.33E-6	-0.91846	10.587E-6
	-1.00000	-16

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	39.00000	-16.00000	-8.50000	-1.4172	-8.9310	-284.94E-6	-1.0537	12.145E-6
	40.00000	-16.00000	-8.50000	-1.3250	-8.9310	-263.06E-6	-1.0064	11.600E-6
	41.00000	-16.00000	-8.50000	-1.2327	-8.9310	-241.70E-6	-0.95932	11.058E-6
	42.00000	-16.00000	-8.50000	-1.1410	-8.9310	-221.11E-6	-0.91290	10.523E-6
	43.00000	-16.00000	-8.50000	-1.0503	-8.9310	-201.49E-6	-0.86742	9.9994E-6
	44.00000	-16.00000	-8.50000	-0.96103	-8.9310	-183.00E-6	-0.82315	9.4893E-6
	45.00000	-16.00000	-8.50000	-0.87372	-8.9310	-165.75E-6	-0.78030	8.9956E-6
	46.00000	-16.00000	-8.50000	-0.78867	-8.9310	-149.79E-6	-0.73904	8.5202E-6
	47.00000	-16.00000	-8.50000	-0.70618	-8.9310	-135.14E-6	-0.69950	8.0646E-6
	48.00000	-16.00000	-8.50000	-0.62650	-8.9310	-121.77E-6	-0.66175	7.6296E-6
	49.00000	-16.00000	-8.50000	-0.54981	-8.9310	-109.64E-6	-0.62594	7.2157E-6
	50.00000	-16.00000	-8.50000	-0.47626	-8.9310	-98.673E-6	-0.59177	6.8231E-6
	51.00000	-16.00000	-8.50000	-0.40593	-8.9310	-88.801E-6	-0.55952	6.4514E-6
	52.00000	-16.00000	-8.50000	-0.33888	-8.9310	-79.935E-6	-0.52907	6.1004E-6
	53.00000	-16.00000	-8.50000	-0.27514	-8.9310	-71.987E-6	-0.50035	5.7694E-6
	54.00000	-16.00000	-8.50000	-0.21470	-8.9310	-64.873E-6	-0.47329	5.4576E-6
	55.00000	-16.00000	-8.50000	-0.15752	-8.9310	-58.510E-6	-0.44784	5.1642E-6
	56.00000	-16.00000	-8.50000	-0.10355	-8.9310	-52.822E-6	-0.42391	4.8883E-6
	57.00000	-16.00000	-8.50000	-0.052730	-8.9310	-47.737E-6	-0.40142	4.6290E-6
	58.00000	-16.00000	-8.50000	-0.0049755	-8.9310	-43.191E-6	-0.38029	4.3855E-6
	59.00000	-16.00000	-8.50000	0.039805	-8.9310	-39.125E-6	-0.36045	4.1567E-6
	60.00000	-16.00000	-8.50000	0.081711	-8.9310	-35.485E-6	-0.34181	3.9418E-6
	-20.00000	-15.00000	-8.50000	0.036547	-8.9310	-39.070E-6	-0.36083	4.1611E-6
	-19.00000	-15.00000	-8.50000	-0.0092764	-8.9310	-43.204E-6	-0.38111	4.3949E-6
	-18.00000	-15.00000	-8.50000	-0.058270	-8.9310	-47.842E-6	-0.40275	4.6444E-6
	-17.00000	-15.00000	-8.50000	-0.11055	-8.9310	-53.053E-6	-0.42586	4.9107E-6
	-16.00000	-15.00000	-8.50000	-0.16623	-8.9310	-58.912E-6	-0.45052	5.1951E-6
	-15.00000	-15.00000	-8.50000	-0.22542	-8.9310	-65.503E-6	-0.47685	5.4986E-6
	-14.00000	-15.00000	-8.50000	-0.28819	-8.9310	-72.921E-6	-0.50495	5.8225E-6
	-13.00000	-15.00000	-8.50000	-0.35462	-8.9310	-81.269E-6	-0.53491	6.1678E-6
	-12.00000	-15.00000	-8.50000	-0.42477	-8.9310	-90.660E-6	-0.56694	6.5358E-6
	-11.00000	-15.00000	-8.50000	-0.49865	-8.9310	-101.21E-6	-0.60083	6.9275E-6
	-10.00000	-15.00000	-8.50000	-0.57627	-8.9310	-113.06E-6	-0.63695	7.3438E-6
	-9.00000	-15.00000	-8.50000	-0.65758	-8.9310	-126.32E-6	-0.67529	7.7856E-6
	-8.00000	-15.00000	-8.50000	-0.74249	-8.9310	-141.12E-6	-0.71587	8.2532E-6
	-7.00000	-15.00000	-8.50000	-0.83086	-8.9310	-157.57E-6	-0.75871	8.7469E-6
	-6.00000	-15.00000	-8.50000	-0.92250	-8.9310	-175.76E-6	-0.80379	9.2662E-6
	-5.00000	-15.00000	-8.50000	-1.0171	-8.9310	-195.75E-6	-0.85103	9.8105E-6
	-4.00000	-15.00000	-8.50000	-1.1145	-8.9310	-217.54E-6	-0.90031	10.378E-6
	-3.00000	-15.00000	-8.50000	-1.2141	-8.9310	-241.08E-6	-0.95143	10.967E-6
	-2.00000	-15.00000	-8.50000	-1.3155	-8.9310	-266.25E-6	-1.0041	11.574E-6
	-1.00000	-15.00000	-8.50000	-1.4182	-8.9310	-292.83E-6	-1.0581	12.196E-6
	0.00000	-15.00000	-8.50000	-1.5216	-8.9310	-320.54E-6	-1.1129	12.827E-6
	1.00000	-15.00000	-8.50000	-1.6249	-8.9310	-349.02E-6	-1.1682	13.464E-6
	2.00000	-15.00000	-8.50000	-1.7276	-8.9310	-377.85E-6	-1.2234	14.100E-6
	3.00000	-15.00000	-8.50000	-1.8289	-8.9310	-406.58E-6	-1.2780	14.729E-6
	4.00000	-15.00000	-8.50000	-1.9281	-8.9310	-434.77E-6	-1.3315	15.345E-6
	5.00000	-15.00000	-8.50000	-2.0245	-8.9310	-462.00E-6	-1.3835	15.944E-6
	6.00000	-15.00000	-8.50000	-2.1173	-8.9310	-487.89E-6	-1.4334	16.519E-6
	7.00000	-15.00000	-8.50000	-2.2060	-8.9310	-512.16E-6	-1.4809	17.065E-6
	8.00000	-15.00000	-8.50000	-2.2900	-8.9310	-534.59E-6	-1.5256	17.580E-6
	9.00000	-15.00000	-8.50000	-2.3688	-8.9310	-555.04E-6	-1.5672	18.059E-6
	10.00000	-15.00000	-8.50000	-2.4419	-8.9310	-573.44E-6	-1.6055	18.500E-6
	11.00000	-15.00000	-8.50000	-2.5090	-8.9310	-589.77E-6	-1.6403	18.902E-6
	12.00000	-15.00000	-8.50000	-2.5696	-8.9310	-604.08E-6	-1.6716	19.262E-6
	13.00000	-15.00000	-8.50000	-2.6236	-8.9310	-616.42E-6	-1.6992	19.580E-6
	14.00000	-15.00000	-8.50000	-2.6707	-8.9310	-626.88E-6	-1.7231	19.855E-6
	15.00000	-15.00000	-8.50000	-2.7107	-8.9310	-635.53E-6	-1.7432	20.088E-6
	16.00000	-15.00000	-8.50000	-2.7435	-8.9310	-642.48E-6	-1.7597	20.277E-6
	17.00000	-15.00000	-8.50000	-2.7690	-8.9310	-647.78E-6	-1.7724	20.424E-6
	18.00000	-15.00000	-8.50000	-2.7871	-8.9310	-651.50E-6	-1.7815	20.528E-6
	19.00000	-15.00000	-8.50000	-2.7978	-8.9310	-653.70E-6	-1.7868	20.590E-6
	20.00000	-15.00000	-8.50000	-2.8010	-8.9310	-654.40E-6	-1.7885	20.609E-6
	21.00000	-15.00000	-8.50000	-2.7967	-8.9310	-653.60E-6	-1.7864	20.585E-6
	22.00000	-15.00000	-8.50000	-2.7850	-8.9310	-651.31E-6	-1.7807	20.519E-6
	23.00000	-15.00000	-8.50000	-2.7658	-8.9310	-647.49E-6	-1.7712	20.410E-6
	24.00000	-15.00000	-8.50000	-2.7393	-8.9310	-642.09E-6	-1.7581	20.259E-6
	25.00000	-15.00000	-8.50000	-2.7055	-8.9310	-635.05E-6	-1.7412	20.065E-6
	26.00000	-15.00000	-8.50000	-2.6644	-8.9310	-626.30E-6	-1.7207	19.828E-6
	27.00000	-15.00000	-8.50000	-2.6164	-8.9310	-615.75E-6	-1.6964	19.548E-6
	28.00000	-15.00000	-8.50000	-2.5615	-8.9310	-603.32E-6	-1.6684	19.226E-6
	29.00000	-15.00000	-8.50000	-2.4999	-8.9310	-588.93E-6	-1.6368	18.861E-6
	30.00000	-15.00000	-8.50000	-2.4320	-8.9310	-572.51E-6	-1.6016	18.456E-6
	31.00000	-15.00000	-8.50000	-2.3580	-8.9310	-554.03E-6	-1.5630	18.011E-6
	32.00000	-15.00000	-8.50000	-2.2784	-8.9310	-533.51E-6	-1.5211	17.528E-6
	33.00000	-15.00000	-8.50000	-2.1937	-8.9310	-511.01E-6	-1.4761	17.010E-6
	34.00000	-15.00000	-8.50000	-2.1043	-8.9310	-486.68E-6	-1.4284	16.460E-6
	35.00000	-15.00000	-8.50000	-2.0108	-8.9310	-460.72E-6	-1.3782	15.883E-6
	36.00000	-15.00000	-8.50000	-1.9138	-8.9310	-433.45E-6	-1.3260	15.282E-6
	37.00000	-15.00000	-8.50000	-1.8141	-8.9310	-405.22E-6	-1.2723	14.663E-6
	38.00000	-15.00000	-8.50000	-1.7124	-8.9310	-376.45E-6	-1.2175	14.032E-6
	39.00000	-15.00000	-8.50000	-1.6093	-8.9310	-347.60E-6	-1.1622	13.395E-6
	40.00000	-15.00000	-8.50000	-1.5056	-8.9310	-319.10E-6	-1.1068	12.757E-6
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	42.00000	-15.00000	-8.50000	-1.2992	-8.9310	-264.80E-6	-0.99790	11.502E-6
	43.00000	-15.00000	-8.50000	-1.1976	-8.9310	-239.64E-6	-0.94517	10.895E-6
	44.00000	-15.00000	-8.50000	-1.0980	-8.9310	-216.12E-6	-0.89406	10.306E-6
	45.00000	-15.00000	-8.50000	-1.0007	-8.9310	-194.35E-6	-0.84481	9.7388E-6
	46.00000	-15.00000	-8.50000	-0.90613	-8.9310	-174.39E-6	-0.79762	9.1952E-6
	47.00000	-15.00000	-8.50000	-0.81464	-8.9310	-156.24E-6	-0.75262	8.6767E-6
	48.00000	-15.00000	-8.50000	-0.72647	-8.9310	-139.83E-6	-0.70998	8.1841E-6
	49.00000	-15.00000	-8.50000	-0.64181	-8.9310	-125.07E-6	-0.66941	7.7178E-6
	50.00000	-15.00000	-8.50000	-0.56080	-8.9310	-111.86E-6	-0.63121	7.2776E-6
	51.00000	-15.00000	-8.50000	-0.48352	-8.9310	-100.07E-6	-0.59523	6.8630E-6
	52.00000	-15.00000	-8.50000	-0.41001	-8.9310	-89.569E-6	-0.56140	6.4731E-6
	53.00000	-15.00000	-8.50000	-0.34027	-8.9310	-80.232E-6	-0.52964	6.1070E-6
	54.00000	-15.00000	-8.50000	-0.27426	-8.9310	-71.939E-6	-0.49985	5.7637E-6
	55.00000	-15.00000	-8.50000	-0.21194	-8.9310	-64.575E-6	-0.47194	5.4420E-6
	56.00000	-15.00000	-8.50000	-0.15323	-8.9310	-58.038E-6	-0.44580	5.1406E-6
	57.00000	-15.00000	-8.50000	-0.098035	-8.9310	-52.232E-6	-0.42132	4.8584E-6
	58.00000	-15.00000	-8.50000	-0.046246	-8.9310	-47.072E-6	-0.39840	4.5942E-6
	59.00000	-15.00000	-8.50000	0.0022484	-8.9310	-42.483E-6	-0.37694	4.3468E-6
	60.00000	-15.00000	-8.50000	0.047570	-8.9310	-38.398E-6	-0.35685	4.1152E-6
	-20.00000	-14.00000	-8.50000	28.216E-6	-8.9310	-42.293E-6	-0.37680	4.3452E-6
	-19.00000	-14.00000	-8.50000	-0.049463	-8.9310	-46.933E-6	-0.39866	4.5972E-6
	-18.00000	-14.00000	-8.50000	-0.10245	-8.9310	-52.169E-6	-0.42207	4.8671E-6
	-17.00000	-14.00000	-8.50000	-0.15908	-8.9310	-58.086E-6	-0.44715	5.1562E-6
	-16.00000	-14.00000	-8.50000	-0.21949	-8.9310	-64.780E-6	-0.47401	5.4658E-6
	-15.00000	-14.00000	-8.50000	-0.28381	-8.9310	-72.363E-6	-0.50280	5.7976E-6
	-14.00000	-14.00000	-8.50000	-0.35216	-8.9310	-80.958E-6	-0.53363	6.1531E-6
	-13.00000	-14.00000	-8.50000	-0.42464	-8.9310	-90.706E-6	-0.56666	6.5337E-6
	-12.00000	-14.00000	-8.50000	-0.50134	-8.9310	-101.76E-6	-0.60202	6.9412E-6
	-11.00000	-14.00000	-8.50000	-0.58231	-8.9310	-114.30E-6	-0.63983	7.3770E-6
	-10.00000	-14.00000	-8.50000	-0.66757	-8.9310	-128.50E-6	-0.68022	7.8425E-6
	-9.00000	-14.00000	-8.50000	-0.75711	-8.9310	-144.55E-6	-0.72331	8.3389E-6
	-8.00000	-14.00000	-8.50000	-0.85085	-8.9310	-162.65E-6	-0.76917	8.8673E-6
	-7.00000	-14.00000	-8.50000	-0.94867	-8.9310	-182.98E-6	-0.81785	9.4282E-6
	-6.00000	-14.00000	-8.50000	-1.0504	-8.9310	-205.70E-6	-0.86936	10.022E-6
	-5.00000	-14.00000	-8.50000	-1.1557	-8.9310	-230.93E-6	-0.92365	10.647E-6
	-4.00000	-14.00000	-8.50000	-1.2643	-8.9310	-258.72E-6	-0.98058	11.303E-6
	-3.00000	-14.00000	-8.50000	-1.3757	-8.9310	-289.05E-6	-1.0400	11.987E-6
	-2.00000	-14.00000	-8.50000	-1.4894	-8.9310	-321.75E-6	-1.1010	12.695E-6
	-1.00000	-14.00000	-8.50000	-1.6047	-8.9310	-356.57E-6	-1.1647	13.424E-6
	0.00000	-14.00000	-8.50000	-1.7210	-8.9310	-393.10E-6	-1.2292	14.166E-6
	1.00000	-14.00000	-8.50000	-1.8375	-8.9310	-430.82E-6	-1.2944	14.917E-6
	2.00000	-14.00000	-8.50000	-1.9534	-8.9310	-469.10E-6	-1.3596	15.668E-6
	3.00000	-14.00000	-8.50000	-2.0677	-8.9310	-507.27E-6	-1.4243	16.412E-6
	4.00000	-14.00000	-8.50000	-2.1797	-8.9310	-544.66E-6	-1.4876	17.142E-6
	5.00000	-14.00000	-8.50000	-2.2885	-8.9310	-580.66E-6	-1.5490	17.849E-6
	6.00000	-14.00000	-8.50000	-2.3933	-8.9310	-614.72E-6	-1.6080	18.528E-6
	7.00000	-14.00000	-8.50000	-2.4933	-8.9310	-646.44E-6	-1.6639	19.172E-6
	8.00000	-14.00000	-8.50000	-2.5880	-8.9310	-675.54E-6	-1.7163	19.776E-6
	9.00000	-14.00000	-8.50000	-2.6766	-8.9310	-701.85E-6	-1.7651	20.337E-6
	10.00000	-14.00000	-8.50000	-2.7588	-8.9310	-725.32E-6	-1.8098	20.852E-6
	11.00000	-14.00000	-8.50000	-2.8341	-8.9310	-745.98E-6	-1.8503	21.319E-6
	12.00000	-14.00000	-8.50000	-2.9020	-8.9310	-763.94E-6	-1.8865	21.736E-6
	13.00000	-14.00000	-8.50000	-2.9625	-8.9310	-779.30E-6	-1.9184	22.104E-6
	14.00000	-14.00000	-8.50000	-3.0151	-8.9310	-792.23E-6	-1.9460	22.421E-6
	15.00000	-14.00000	-8.50000	-3.0598	-8.9310	-802.86E-6	-1.9692	22.689E-6
	16.00000	-14.00000	-8.50000	-3.0964	-8.9310	-811.35E-6	-1.9881	22.906E-6
	17.00000	-14.00000	-8.50000	-3.1249	-8.9310	-817.80E-6	-2.0027	23.074E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	18.00000	-14.00000	-8.50000	-3.1451	-8.9310	-822.32E-6	-2.0130	23.193E-6
	19.00000	-14.00000	-8.50000	-3.1570	-8.9310	-824.98E-6	-2.0191	23.263E-6
	20.00000	-14.00000	-8.50000	-3.1606	-8.9310	-825.82E-6	-2.0210	23.285E-6
	21.00000	-14.00000	-8.50000	-3.1558	-8.9310	-824.86E-6	-2.0187	23.258E-6
	22.00000	-14.00000	-8.50000	-3.1428	-8.9310	-822.09E-6	-2.0121	23.183E-6
	23.00000	-14.00000	-8.50000	-3.1214	-8.9310	-817.46E-6	-2.0013	23.058E-6
	24.00000	-14.00000	-8.50000	-3.0918	-8.9310	-810.89E-6	-1.9863	22.885E-6
	25.00000	-14.00000	-8.50000	-3.0541	-8.9310	-802.30E-6	-1.9670	22.663E-6
	26.00000	-14.00000	-8.50000	-3.0083	-8.9310	-791.55E-6	-1.9433	22.390E-6
	27.00000	-14.00000	-8.50000	-2.9545	-8.9310	-778.52E-6	-1.9153	22.068E-6
	28.00000	-14.00000	-8.50000	-2.8930	-8.9310	-763.04E-6	-1.8830	21.696E-6
	29.00000	-14.00000	-8.50000	-2.8240	-8.9310	-744.99E-6	-1.8464	21.273E-6
	30.00000	-14.00000	-8.50000	-2.7478	-8.9310	-724.22E-6	-1.8054	20.802E-6
	31.00000	-14.00000	-8.50000	-2.6647	-8.9310	-700.66E-6	-1.7604	20.283E-6
	32.00000	-14.00000	-8.50000	-2.5752	-8.9310	-674.26E-6	-1.7113	19.718E-6
	33.00000	-14.00000	-8.50000	-2.4797	-8.9310	-645.08E-6	-1.6585	19.110E-6
	34.00000	-14.00000	-8.50000	-2.3788	-8.9310	-613.28E-6	-1.6023	18.462E-6
	35.00000	-14.00000	-8.50000	-2.2733	-8.9310	-579.15E-6	-1.5431	17.781E-6
	36.00000	-14.00000	-8.50000	-2.1639	-8.9310	-543.10E-6	-1.4814	17.070E-6
	37.00000	-14.00000	-8.50000	-2.0514	-8.9310	-505.65E-6	-1.4179	16.339E-6
	38.00000	-14.00000	-8.50000	-1.9365	-8.9310	-467.44E-6	-1.3530	15.592E-6
	39.00000	-14.00000	-8.50000	-1.8203	-8.9310	-429.13E-6	-1.2877	14.839E-6
	40.00000	-14.00000	-8.50000	-1.7034	-8.9310	-391.40E-6	-1.2224	14.087E-6
	41.00000	-14.00000	-8.50000	-1.5869	-8.9310	-354.86E-6	-1.1578	13.343E-6
	42.00000	-14.00000	-8.50000	-1.4713	-8.9310	-320.05E-6	-1.0945	12.614E-6
	43.00000	-14.00000	-8.50000	-1.3575	-8.9310	-287.35E-6	-1.0329	11.906E-6
	44.00000	-14.00000	-8.50000	-1.2461	-8.9310	-257.05E-6	-0.97357	11.222E-6
	45.00000	-14.00000	-8.50000	-1.1376	-8.9310	-229.29E-6	-0.91668	10.567E-6
	46.00000	-14.00000	-8.50000	-1.0323	-8.9310	-204.10E-6	-0.86247	9.9422E-6
	47.00000	-14.00000	-8.50000	-0.93082	-8.9310	-181.42E-6	-0.81106	9.3499E-6
	48.00000	-14.00000	-8.50000	-0.83324	-8.9310	-161.14E-6	-0.76249	8.7904E-6
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	50.00000	-14.00000	-8.50000	-0.65060	-8.9310	-127.11E-6	-0.67385	7.7690E-6
	51.00000	-14.00000	-8.50000	-0.56573	-8.9310	-112.97E-6	-0.63363	7.3055E-6
	52.00000	-14.00000	-8.50000	-0.48519	-8.9310	-100.50E-6	-0.59600	6.8719E-6
	53.00000	-14.00000	-8.50000	-0.40895	-8.9310	-89.511E-6	-0.56085	6.4667E-6
	54.00000	-14.00000	-8.50000	-0.33696	-8.9310	-79.829E-6	-0.52802	6.0884E-6
	55.00000	-14.00000	-8.50000	-0.26912	-8.9310	-71.300E-6	-0.49740	5.7354E-6
	56.00000	-14.00000	-8.50000	-0.20533	-8.9310	-63.782E-6	-0.46883	5.4061E-6
	57.00000	-14.00000	-8.50000	-0.14546	-8.9310	-57.151E-6	-0.44218	5.0989E-6
	58.00000	-14.00000	-8.50000	-0.089388	-8.9310	-51.295E-6	-0.41732	4.8123E-6
	59.00000	-14.00000	-8.50000	-0.036959	-8.9310	-46.118E-6	-0.39413	4.5450E-6
	60.00000	-14.00000	-8.50000	0.011973	-8.9310	-41.535E-6	-0.37248	4.2954E-6
	-20.00000	-13.00000	-8.50000	-0.037964	-8.9310	-45.761E-6	-0.39338	4.5364E-6
	-19.00000	-13.00000	-8.50000	-0.091325	-8.9310	-50.966E-6	-0.41694	4.8080E-6
	-18.00000	-13.00000	-8.50000	-0.14854	-8.9310	-56.873E-6	-0.44225	5.0997E-6
	-17.00000	-13.00000	-8.50000	-0.20978	-8.9310	-63.589E-6	-0.46946	5.4134E-6
	-16.00000	-13.00000	-8.50000	-0.27522	-8.9310	-71.238E-6	-0.49871	5.7506E-6
	-15.00000	-13.00000	-8.50000	-0.34503	-8.9310	-79.963E-6	-0.53019	6.1134E-6
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	-8.00000	-13.00000	-8.50000	-0.96646	-8.9310	-188.14E-6	-0.82752	9.5396E-6
	-7.00000	-13.00000	-8.50000	-1.0748	-8.9310	-213.43E-6	-0.88303	10.179E-6
	-6.00000	-13.00000	-8.50000	-1.1877	-8.9310	-242.05E-6	-0.94213	10.860E-6
	-5.00000	-13.00000	-8.50000	-1.3050	-8.9310	-274.21E-6	-1.0048	11.582E-6
	-4.00000	-13.00000	-8.50000	-1.4263	-8.9310	-310.07E-6	-1.0710	12.344E-6
	-3.00000	-13.00000	-8.50000	-1.5510	-8.9310	-349.66E-6	-1.1404	13.143E-6
	-2.00000	-13.00000	-8.50000	-1.6787	-8.9310	-392.81E-6	-1.2127	13.975E-6
	-1.00000	-13.00000	-8.50000	-1.8086	-8.9310	-439.19E-6	-1.2874	14.836E-6
	0.00000	-13.00000	-8.50000	-1.9398	-8.9310	-488.22E-6	-1.3639	15.717E-6
	1.00000	-13.00000	-8.50000	-2.0714	-8.9310	-539.11E-6	-1.4415	16.610E-6
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	4.00000	-13.00000	-8.50000	-2.4586	-8.9310	-693.18E-6	-1.6721	19.265E-6
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	6.00000	-13.00000	-8.50000	-2.7003	-8.9310	-787.16E-6	-1.8155	20.916E-6
	7.00000	-13.00000	-8.50000	-2.8134	-8.9310	-829.23E-6	-1.8818	21.679E-6
	8.00000	-13.00000	-8.50000	-2.9202	-8.9310	-867.45E-6	-1.9438	22.393E-6
	9.00000	-13.00000	-8.50000	-3.0201	-8.9310	-901.68E-6	-2.0012	23.054E-6
	10.00000	-13.00000	-8.50000	-3.1125	-8.9310	-931.90E-6	-2.0536	23.658E-6
	11.00000	-13.00000	-8.50000	-3.1970	-8.9310	-958.23E-6	-2.1009	24.203E-6
	12.00000	-13.00000	-8.50000	-3.2733	-8.9310	-980.89E-6	-2.1431	24.688E-6
	13.00000	-13.00000	-8.50000	-3.3410	-8.9310	-0.0010001	-2.1800	25.114E-6
	14.00000	-13.00000	-8.50000	-3.3998	-8.9310	-0.0010161	-2.2119	25.480E-6
	15.00000	-13.00000	-8.50000	-3.4498	-8.9310	-0.0010292	-2.2386	25.788E-6
	16.00000	-13.00000	-8.50000	-3.4906	-8.9310	-0.0010396	-2.2603	26.038E-6
	17.00000	-13.00000	-8.50000	-3.5223	-8.9310	-0.0010475	-2.2770	26.231E-6
	18.00000	-13.00000	-8.50000	-3.5448	-8.9310	-0.0010530	-2.2888	26.367E-6
	19.00000	-13.00000	-8.50000	-3.5581	-8.9310	-0.0010562	-2.2958	26.447E-6
	20.00000	-13.00000	-8.50000	-3.5621	-8.9310	-0.0010572	-2.2980	26.472E-6
	21.00000	-13.00000	-8.50000	-3.5568	-8.9310	-0.0010561	-2.2953	26.442E-6
	22.00000	-13.00000	-8.50000	-3.5423	-8.9310	-0.0010527	-2.2878	26.355E-6
	23.00000	-13.00000	-8.50000	-3.5185	-8.9310	-0.0010471	-2.2755	26.213E-6
	24.00000	-13.00000	-8.50000	-3.4855	-8.9310	-0.0010391	-2.2582	26.015E-6
	25.00000	-13.00000	-8.50000	-3.4434	-8.9310	-0.0010286	-2.2361	25.759E-6
	26.00000	-13.00000	-8.50000	-3.3923	-8.9310	-0.0010153	-2.2088	25.446E-6
	27.00000	-13.00000	-8.50000	-3.3322	-8.9310	-999.18E-6	-2.1765	25.073E-6
	28.00000	-13.00000	-8.50000	-3.2633	-8.9310	-979.84E-6	-2.1391	24.642E-6
	29.00000	-13.00000	-8.50000	-3.1860	-8.9310	-957.06E-6	-2.0965	24.151E-6
	30.00000	-13.00000	-8.50000	-3.1003	-8.9310	-930.60E-6	-2.0487	23.601E-6
	31.00000	-13.00000	-8.50000	-3.0069	-8.9310	-900.26E-6	-1.9959	22.993E-6
	32.00000	-13.00000	-8.50000	-2.9060	-8.9310	-865.93E-6	-1.9381	22.328E-6
	33.00000	-13.00000	-8.50000	-2.7982	-8.9310	-827.61E-6	-1.8757	21.609E-6
	34.00000	-13.00000	-8.50000	-2.6843	-8.9310	-785.45E-6	-1.8091	20.842E-6
	35.00000	-13.00000	-8.50000	-2.5650	-8.9310	-739.82E-6	-1.7387	20.031E-6
	36.00000	-13.00000	-8.50000	-2.4412	-8.9310	-691.32E-6	-1.6651	19.185E-6
	37.00000	-13.00000	-8.50000	-2.3137	-8.9310	-640.71E-6	-1.5893	18.311E-6

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-3.00000	-12.00000	-8.50000	-1.7414	-8.9310	-427.16E-6	-1.2548	14.460E-6
	-2.00000	-12.00000	-8.50000	-1.8851	-8.9310	-485.08E-6	-1.3405	15.447E-6
	-1.00000	-12.00000	-8.50000	-2.0316	-8.9310	-548.03E-6	-1.4296	16.473E-6
	0.00000	-12.00000	-8.50000	-2.1800	-8.9310	-615.21E-6	-1.5213	17.528E-6
	1.00000	-12.00000	-8.50000	-2.3292	-8.9310	-685.42E-6	-1.6146	18.602E-6
	2.00000	-12.00000	-8.50000	-2.4779	-8.9310	-757.17E-6	-1.7085	19.682E-6
	3.00000	-12.00000	-8.50000	-2.6249	-8.9310	-828.79E-6	-1.8016	20.754E-6
	4.00000	-12.00000	-8.50000	-2.7688	-8.9310	-898.62E-6	-1.8929	21.804E-6
	5.00000	-12.00000	-8.50000	-2.9086	-8.9310	-965.15E-6	-1.9810	22.819E-6
	6.00000	-12.00000	-8.50000	-3.0430	-8.9310	-0.0010272	-2.0652	23.788E-6
	7.00000	-12.00000	-8.50000	-3.1711	-8.9310	-0.0010839	-2.1445	24.701E-6
	8.00000	-12.00000	-8.50000	-3.2919	-8.9310	-0.0011348	-2.2183	25.551E-6
	9.00000	-12.00000	-8.50000	-3.4046	-8.9310	-0.0011799	-2.2862	26.332E-6
	10.00000	-12.00000	-8.50000	-3.5087	-8.9310	-0.0012192	-2.3480	27.043E-6
	11.00000	-12.00000	-8.50000	-3.6037	-8.9310	-0.0012530	-2.4034	27.682E-6
	12.00000	-12.00000	-8.50000	-3.6893	-8.9310	-0.0012818	-2.4526	28.248E-6
	13.00000	-12.00000	-8.50000	-3.7651	-8.9310	-0.0013059	-2.4956	28.743E-6
	14.00000	-12.00000	-8.50000	-3.8309	-8.9310	-0.0013258	-2.5324	29.167E-6
	15.00000	-12.00000	-8.50000	-3.8867	-8.9310	-0.0013420	-2.5632	29.522E-6
	16.00000	-12.00000	-8.50000	-3.9322	-8.9310	-0.0013547	-2.5881	29.809E-6
	17.00000	-12.00000	-8.50000	-3.9675	-8.9310	-0.0013643	-2.6073	30.030E-6
	18.00000	-12.00000	-8.50000	-3.9926	-8.9310	-0.0013709	-2.6208	30.186E-6
	19.00000	-12.00000	-8.50000	-4.0073	-8.9310	-0.0013748	-2.6288	30.278E-6
	20.00000	-12.00000	-8.50000	-4.0118	-8.9310	-0.0013761	-2.6313	30.306E-6
	21.00000	-12.00000	-8.50000	-4.0059	-8.9310	-0.0013747	-2.6282	30.271E-6
	22.00000	-12.00000	-8.50000	-3.9898	-8.9310	-0.0013706	-2.6197	30.173E-6
	23.00000	-12.00000	-8.50000	-3.9633	-8.9310	-0.0013638	-2.6056	30.010E-6
	24.00000	-12.00000	-8.50000	-3.9266	-8.9310	-0.0013541	-2.5858	29.782E-6
	25.00000	-12.00000	-8.50000	-3.8796	-8.9310	-0.0013412	-2.5603	29.489E-6
	26.00000	-12.00000	-8.50000	-3.8225	-8.9310	-0.0013249	-2.5290	29.128E-6
	27.00000	-12.00000	-8.50000	-3.7554	-8.9310	-0.0013048	-2.4916	28.697E-6
	28.00000	-12.00000	-8.50000	-3.6783	-8.9310	-0.0012805	-2.4481	28.197E-6
	29.00000	-12.00000	-8.50000	-3.5915	-8.9310	-0.0012516	-2.3984	27.624E-6
	30.00000	-12.00000	-8.50000	-3.4953	-8.9310	-0.0012176	-2.3425	26.980E-6
	31.00000	-12.00000	-8.50000	-3.3900	-8.9310	-0.0011782	-2.2802	26.263E-6
	32.00000	-12.00000	-8.50000	-3.2761	-8.9310	-0.0011330	-2.2119	25.476E-6
	33.00000	-12.00000	-8.50000	-3.1543	-8.9310	-0.0010820	-2.1376	24.622E-6
	34.00000	-12.00000	-8.50000	-3.0253	-8.9310	-0.0010251	-2.0579	23.704E-6
	35.00000	-12.00000	-8.50000	-2.8900	-8.9310	-963.00E-6	-1.9734	22.732E-6
	36.00000	-12.00000	-8.50000	-2.7495	-8.9310	-896.39E-6	-1.8849	21.713E-6
	37.00000	-12.00000	-8.50000	-2.6048	-8.9310	-826.49E-6	-1.7934	20.660E-6
	38.00000	-12.00000	-8.50000	-2.4572	-8.9310	-754.82E-6	-1.7000	19.585E-6
	39.00000	-12.00000	-8.50000	-2.3080	-8.9310	-683.03E-6	-1.6060	18.503E-6
	40.00000	-12.00000	-8.50000	-2.1584	-8.9310	-612.79E-6	-1.5125	17.427E-6
	41.00000	-12.00000	-8.50000	-2.0097	-8.9310	-545.61E-6	-1.4207	16.371E-6
	42.00000	-12.00000	-8.50000	-1.8630	-8.9310	-482.66E-6	-1.3316	15.344E-6
	43.00000	-12.00000	-8.50000	-1.7192	-8.9310	-424.77E-6	-1.2459	14.358E-6
	44.00000	-12.00000	-8.50000	-1.5792	-8.9310	-372.37E-6	-1.1642	13.417E-6
	45.00000	-12.00000	-8.50000	-1.4436	-8.9310	-325.56E-6	-1.0870	12.528E-6
	46.00000	-12.00000	-8.50000	-1.3131	-8.9310	-284.19E-6	-1.0144	11.692E-6
	47.00000	-12.00000	-8.50000	-1.1879	-8.9310	-247.92E-6	-0.94642	10.909E-6
	48.00000	-12.00000	-8.50000	-1.0683	-8.9310	-216.32E-6	-0.88310	10.180E-6
	49.00000	-12.00000	-8.50000	-0.95445	-8.9310	-188.90E-6	-0.82427	9.5021E-6
	50.00000	-12.00000	-8.50000	-0.84646	-8.9310	-165.17E-6	-0.76973	8.8737E-6
	51.00000	-12.00000	-8.50000	-0.74428	-8.9310	-144.67E-6	-0.71923	8.2918E-6
	52.00000	-12.00000	-8.50000	-0.64784	-8.9310	-126.96E-6	-0.67252	7.7536E-6
	53.00000	-12.00000	-8.50000	-0.55701	-8.9310	-111.66E-6	-0.62933	7.2560E-6
	54.00000	-12.00000	-8.50000	-0.47165	-8.9310	-98.423E-6	-0.58942	6.7960E-6
	55.00000	-12.00000	-8.50000	-0.39158	-8.9310	-86.962E-6	-0.55252	6.3708E-6
	56.00000	-12.00000	-8.50000	-0.31660	-8.9310	-77.018E-6	-0.51840	5.9775E-6
	57.00000	-12.00000	-8.50000	-0.24650	-8.9310	-68.374E-6	-0.48684	5.6137E-6
	58.00000	-12.00000	-8.50000	-0.18108	-8.9310	-60.844E-6	-0.45762	5.2769E-6
	59.00000	-12.00000	-8.50000	-0.12011	-8.9310	-54.269E-6	-0.43055	4.9648E-6
	60.00000	-12.00000	-8.50000	-0.063370	-8.9310	-48.515E-6	-0.40545	4.6755E-6
	-20.00000	-11.00000	-8.50000	-0.11810	-8.9310	-53.464E-6	-0.42832	4.9392E-6
	-19.00000	-11.00000	-8.50000	-0.17980	-8.9310	-59.993E-6	-0.45563	5.2540E-6
	-18.00000	-11.00000	-8.50000	-0.24616	-8.9310	-67.489E-6	-0.48518	5.5945E-6
	-17.00000	-11.00000	-8.50000	-0.31744	-8.9310	-76.121E-6	-0.51716	5.9632E-6
	-16.00000	-11.00000	-8.50000	-0.39388	-8.9310	-86.089E-6	-0.55183	6.3628E-6
	-15.00000	-11.00000	-8.50000	-0.47576	-8.9310	-97.630E-6	-0.58944	6.7963E-6
	-14.00000	-11.00000	-8.50000	-0.56332	-8.9310	-111.03E-6	-0.63027	7.2669E-6
	-13.00000	-11.00000	-8.50000	-0.65681	-8.9310	-126.63E-6	-0.67464	7.7781E-6
	-12.00000	-11.00000	-8.50000	-0.75647	-8.9310	-144.83E-6	-0.72286	8.3337E-6
	-11.00000	-11.00000	-8.50000	-0.86251	-8.9310	-166.11E-6	-0.77529	8.9378E-6
	-10.00000	-11.00000	-8.50000	-0.97510	-8.9310	-191.02E-6	-0.83229	9.5945E-6
	-9.00000	-11.00000	-8.50000	-1.0944	-8.9310	-220.20E-6	-0.89423	10.308E-6
	-8.00000	-11.00000	-8.50000	-1.2205	-8.9310	-254.38E-6	-0.96148	11.083E-6
	-7.00000	-11.00000	-8.50000	-1.3533	-8.9310	-294.33E-6	-1.0344	11.922E-6
	-6.00000	-11.00000	-8.50000	-1.4927	-8.9310	-340.89E-6	-1.1132	12.829E-6
	-5.00000	-11.00000	-8.50000	-1.6386	-8.9310	-394.85E-6	-1.1980	13.807E-6
	-4.00000	-11.00000	-8.50000	-1.7906	-8.9310	-456.92E-6	-1.2890	14.854E-6
	-3.00000	-11.00000	-8.50000	-1.9480	-8.9310	-527.53E-6	-1.3860	15.970E-6
	-2.00000	-11.00000	-8.50000	-2.1101	-8.9310	-606.76E-6	-1.4885	17.150E-6
	-1.00000	-11.00000	-8.50000	-2.2760	-8.9310	-694.10E-6	-1.5958	18.385E-6
	0.00000	-11.00000	-8.50000	-2.4444	-8.9310	-788.40E-6	-1.7070	19.664E-6
	1.00000	-11.00000	-8.50000	-2.6141	-8.9310	-887.79E-6	-1.8206	20.972E-6
	2.00000	-11.00000	-8.50000	-2.7835	-8.9310	-989.83E-6	-1.9352	22.290E-6
	3.00000	-11.00000	-8.50000	-2.9510	-8.9310	-0.0010917	-2.0491	23.600E-6
	4.00000	-11.00000	-8.50000	-3.1151	-8.9310	-0.0011907	-2.1605	24.882E-6
	5.00000	-11.00000	-8.50000	-3.2744	-8.9310	-0.0012843	-2.2679	26.117E-6
	6.00000	-11.00000	-8.50000	-3.4273	-8.9310	-0.0013706	-2.3699	27.291E-6
	7.00000	-11.00000	-8.50000	-3.5727	-8.9310	-0.0014485	-2.4656	28.392E-6
	8.00000	-11.00000	-8.50000	-3.7095	-8.9310	-0.0015174	-2.5541	29.411E-6
	9.00000	-11.00000	-8.50000	-3.8370	-8.9310	-0.0015775	-2.6350	30.342E-6
	10.00000	-11.00000	-8.50000	-3.9544	-8.9310	-0.0016291	-2.7081	31.184E-6
	11.00000	-11.00000	-8.50000	-4.0613	-8.9310	-0.0016729	-2.7734	31.936E-6
	12.00000	-11.00000	-8.50000	-4.1572	-8.9310	-0.0017096	-2.8310	32.598E-6
	13.00000	-11.00000	-8.50000	-4.2421	-8.9310	-0.0017400	-2.8809	33.174E-6
	14.00000	-11.00000	-8.50000	-4.3157	-8.9310	-0.0017649	-2.9236	33.664E-6
	15.00000	-11.00000	-8.50000	-4.3779	-8.9310	-0.0017848	-2.9591	34.074E-6
	16.00000	-11.00000	-8.50000	-4.4287	-8.9310	-0.0018004	-2.9878	34.404E-6
	17.00000	-11.00000	-8.50000	-4.4680	-8.9310	-0.0018121	-3.0098	34.657E-6
	18.00000	-11.00000	-8.50000	-4.4958	-8.9310	-0.0018201	-3.0253	34.836E-6
	19.00000	-11.00000	-8.50000	-4.5122	-8.9310	-0.0018248	-3.0344	34.941E-6
	20.00000	-11.00000	-8.50000	-4.5172	-8.9310	-0.0018263	-3.0372	34.973E-6
	21.00000	-11.00000	-8.50000	-4.5107	-8.9310	-0.0018247	-3.0337	34.933E-6
	22.00000	-11.00000	-8.50000	-4.4927	-8.9310	-0.0018198	-3.0240	34.821E-6
	23.00000	-11.00000	-8.50000	-4.4633	-8.9310	-0.0018115	-3.0078	34.635E-6
	24.00000	-11.00000	-8.50000	-4.4224	-8.9310	-0.0017997	-2.9852	34.374E-6
	25.00000	-11.00000	-8.50000	-4.3701	-8.9310	-0.0017839	-2.9559	34.037E-6
	26.00000	-11.00000	-8.50000	-4.3064	-8.9310	-0.0017638	-2.9197	33.620E-6
	27.00000	-11.00000	-8.50000	-4.2314	-8.9310	-0.0017387	-2.8765	33.122E-6
	28.00000	-11.00000	-8.50000	-4.1451	-8.9310	-0.0017081	-2.8259	32.540E-6
	29.00000	-11.00000	-8.50000	-4.0477	-8.9310	-0.0016712	-2.7677	31.870E-6
	30.00000	-11.00000	-8.50000	-3.9394	-8.9310	-0.0016273	-2.7019	31.112E-6
	31.00000	-11.00000	-8.50000	-3.8207	-8.9310	-0.0015755	-2.6282	30.264E-6
	32.00000	-11.00000	-8.50000	-3.6921	-8.9310	-0.0015153	-2.5468	29.327E-6
	33.00000	-11.00000	-8.50000	-3.5541	-8.9310	-0.0014462	-2.4578	28.302E-6
	34.00000	-11.00000	-8.50000	-3.4076	-8.9310	-0.0013681	-2.3617	27.196E-6
	35.00000	-11.00000	-8.50000	-3.2537	-8.9310	-0.0012817	-2.2592	26.017E-6
	36.00000	-11.00000	-8.50000	-3.0936	-8.9310	-0.0011880	-2.1515	24.778E-6
	37.00000	-11.00000	-8.50000	-2.9287	-8.9310	-0.0010890	-2.0397	23.492E-6
	38.00000	-11.00000	-8.50000	-2.7605	-8.9310	-987.00E-6	-1.9256	22.180E-6
	39.00000	-11.00000	-8.50000	-2.5906	-8.9310	-884.92E-6	-1.8108	20.859E-6
	40.00000	-11.00000	-8.50000	-2.4205	-8.9310	-785.50E-6	-1.6970	19.549E-6
	41.00000	-11.00000	-8.50000	-2.2517	-8.9310	-691.20E-6	-1.5858	18.269E-6
	42.00000	-11.00000	-8.50000	-2.0856	-8.9310	-603.87E-6	-1.4784	17.034E-6
	43.00000	-11.00000	-8.50000	-1.9234	-8.9310	-524.68E-6	-1.3759	15.854E-6
	44.00000	-11.00000	-8.50000	-1.7660	-8.9310	-454.11E-6	-1.2790	14.739E-6
	45.00000	-11.00000	-8.50000	-1.6142	-8.9310	-392.12E-6	-1.1881	13.692E-6
	46.00000	-11.00000	-8.50000	-1.4686	-8.9310	-338.23E-6	-1.1034	12.717E-6
	47.00000	-11.00000	-8.50000	-1.3294	-8.9310	-291.77E-6	-1.0248	11.812E-6
	48.00000	-11.00000	-8.50000	-1.1970	-8.9310	-251.92E-6	-0.95212	10.975E-6
	49.00000	-11.00000	-8.50000	-1.0714	-8.9310	-217.86E-6	-0.88513	10.203E-6
	50.00000	-11.00000	-8.50000	-0.95266	-8.9310	-188.80E-6	-0.82346	9.4928E-6
	51.00000	-11.00000	-8.50000	-0.84067	-8.9310	-164.01E-6	-0.76676	8.8395E-6
	52.00000	-11.00000	-8.50000	-0.73528	-8.9310	-142.85E-6	-0.71465	8.2391E-6
	53.00000	-11.00000	-8.50000	-0.63631	-8.9310	-124.78E-6	-0.66675	7.6872E-6
	54.00000	-11.00000	-8.50000	-0.54355	-8.9310	-109.30E-6	-0.62272	7.1798E-6
	55.00000	-11.00000	-8.50000	-0.45674	-8.9310	-96.012E-6	-0.58223	6.7131E-6
	56.00000	-11.00000	-8.50000	-0.37563	-8.9310	-84.585E-6	-0.54496	6.2836E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	57.00000	-11.00000	-8.50000	-0.29996	-8.9310	-74.728E-6	-0.51062	5.8879E-6
	58.00000	-11.00000	-8.50000	-0.22947	-8.9310	-66.201E-6	-0.47897	5.5230E-6
	59.00000	-11.00000	-8.50000	-0.16389	-8.9310	-58.804E-6	-0.44975	5.1862E-6
	60.00000	-11.00000	-8.50000	-0.10297	-8.9310	-52.369E-6	-0.42276	4.8750E-6
	-20.00000	-10.00000	-8.50000	-0.16008	-8.9310	-57.709E-6	-0.44664	5.1503E-6
	-19.00000	-10.00000	-8.50000	-0.22624	-8.9310	-65.004E-6	-0.47601	5.4888E-6
	-18.00000	-10.00000	-8.50000	-0.29752	-8.9310	-73.431E-6	-0.50788	5.8563E-6
	-17.00000	-10.00000	-8.50000	-0.37421	-8.9310	-83.197E-6	-0.54253	6.2557E-6
	-16.00000	-10.00000	-8.50000	-0.45662	-8.9310	-94.555E-6	-0.58024	6.6902E-6
	-15.00000	-10.00000	-8.50000	-0.54508	-8.9310	-107.81E-6	-0.62133	7.1637E-6
	-14.00000	-10.00000	-8.50000	-0.63991	-8.9310	-123.34E-6	-0.66615	7.6803E-6
	-13.00000	-10.00000	-8.50000	-0.74141	-8.9310	-141.58E-6	-0.71510	8.2443E-6
	-12.00000	-10.00000	-8.50000	-0.84991	-8.9310	-163.10E-6	-0.76861	8.8609E-6
	-11.00000	-10.00000	-8.50000	-0.96569	-8.9310	-188.55E-6	-0.82716	9.5354E-6
	-10.00000	-10.00000	-8.50000	-1.0890	-8.9310	-218.72E-6	-0.89125	10.274E-6
	-9.00000	-10.00000	-8.50000	-1.2202	-8.9310	-254.57E-6	-0.96141	11.082E-6
	-8.00000	-10.00000	-8.50000	-1.3592	-8.9310	-297.21E-6	-1.0382	11.966E-6
	-7.00000	-10.00000	-8.50000	-1.5064	-8.9310	-347.90E-6	-1.1221	12.932E-6
	-6.00000	-10.00000	-8.50000	-1.6615	-8.9310	-408.06E-6	-1.2137	13.987E-6
	-5.00000	-10.00000	-8.50000	-1.8245	-8.9310	-479.14E-6	-1.3133	15.133E-6
	-4.00000	-10.00000	-8.50000	-1.9949	-8.9310	-562.53E-6	-1.4211	16.374E-6
	-3.00000	-10.00000	-8.50000	-2.1723	-8.9310	-659.33E-6	-1.5372	17.710E-6
	-2.00000	-10.00000	-8.50000	-2.3557	-8.9310	-770.07E-6	-1.6611	19.135E-6
	-1.00000	-10.00000	-8.50000	-2.5441	-8.9310	-894.33E-6	-1.7920	20.641E-6
	0.00000	-10.00000	-8.50000	-2.7360	-8.9310	-0.0010305	-1.9285	22.212E-6
	1.00000	-10.00000	-8.50000	-2.9299	-8.9310	-0.0011756	-2.0690	23.826E-6
	2.00000	-10.00000	-8.50000	-3.1237	-8.9310	-0.0013254	-2.2110	25.460E-6
	3.00000	-10.00000	-8.50000	-3.3156	-8.9310	-0.0014751	-2.3523	27.084E-6
	4.00000	-10.00000	-8.50000	-3.5036	-8.9310	-0.0016197	-2.4903	28.672E-6
	5.00000	-10.00000	-8.50000	-3.6857	-8.9310	-0.0017550	-2.6229	30.196E-6
	6.00000	-10.00000	-8.50000	-3.8602	-8.9310	-0.0018782	-2.7481	31.636E-6
	7.00000	-10.00000	-8.50000	-4.0258	-8.9310	-0.0019874	-2.8647	32.977E-6
	8.00000	-10.00000	-8.50000	-4.1812	-8.9310	-0.0020824	-2.9717	34.209E-6
	9.00000	-10.00000	-8.50000	-4.3255	-8.9310	-0.0021636	-3.0688	35.326E-6
	10.00000	-10.00000	-8.50000	-4.4581	-8.9310	-0.0022320	-3.1558	36.327E-6
	11.00000	-10.00000	-8.50000	-4.5783	-8.9310	-0.0022891	-3.2329	37.215E-6
	12.00000	-10.00000	-8.50000	-4.6861	-8.9310	-0.0023362	-3.3004	37.992E-6
	13.00000	-10.00000	-8.50000	-4.7811	-8.9310	-0.0023747	-3.3586	38.662E-6
	14.00000	-10.00000	-8.50000	-4.8633	-8.9310	-0.0024057	-3.4081	39.231E-6
	15.00000	-10.00000	-8.50000	-4.9327	-8.9310	-0.0024304	-3.4491	39.704E-6
	16.00000	-10.00000	-8.50000	-4.9892	-8.9310	-0.0024495	-3.4820	40.083E-6
	17.00000	-10.00000	-8.50000	-5.0329	-8.9310	-0.0024636	-3.5072	40.373E-6
	18.00000	-10.00000	-8.50000	-5.0638	-8.9310	-0.0024734	-3.5249	40.577E-6
	19.00000	-10.00000	-8.50000	-5.0820	-8.9310	-0.0024791	-3.5353	40.697E-6
	20.00000	-10.00000	-8.50000	-5.0875	-8.9310	-0.0024809	-3.5386	40.734E-6
	21.00000	-10.00000	-8.50000	-5.0803	-8.9310	-0.0024788	-3.5346	40.689E-6
	22.00000	-10.00000	-8.50000	-5.0603	-8.9310	-0.0024730	-3.5235	40.560E-6
	23.00000	-10.00000	-8.50000	-5.0277	-8.9310	-0.0024630	-3.5050	40.348E-6
	24.00000	-10.00000	-8.50000	-4.9823	-8.9310	-0.0024486	-3.4791	40.049E-6
	25.00000	-10.00000	-8.50000	-4.9241	-8.9310	-0.0024293	-3.4454	39.662E-6
	26.00000	-10.00000	-8.50000	-4.8531	-8.9310	-0.0024044	-3.4037	39.181E-6
	27.00000	-10.00000	-8.50000	-4.7692	-8.9310	-0.0023731	-3.3536	38.604E-6
	28.00000	-10.00000	-8.50000	-4.6726	-8.9310	-0.0023344	-3.2946	37.925E-6
	29.00000	-10.00000	-8.50000	-4.5633	-8.9310	-0.0022871	-3.2265	37.141E-6
	30.00000	-10.00000	-8.50000	-4.4415	-8.9310	-0.0022298	-3.1487	36.246E-6
	31.00000	-10.00000	-8.50000	-4.3075	-8.9310	-0.0021612	-3.0611	35.237E-6
	32.00000	-10.00000	-8.50000	-4.1619	-8.9310	-0.0020798	-2.9634	34.113E-6
	33.00000	-10.00000	-8.50000	-4.0052	-8.9310	-0.0019846	-2.8558	32.875E-6
	34.00000	-10.00000	-8.50000	-3.8384	-8.9310	-0.0018752	-2.7387	31.528E-6
	35.00000	-10.00000	-8.50000	-3.6628	-8.9310	-0.0017519	-2.6130	30.082E-6
	36.00000	-10.00000	-8.50000	-3.4797	-8.9310	-0.0016164	-2.4800	28.553E-6
	37.00000	-10.00000	-8.50000	-3.2909	-8.9310	-0.0014717	-2.3417	26.962E-6
	38.00000	-10.00000	-8.50000	-3.0982	-8.9310	-0.0013220	-2.2001	25.334E-6
	39.00000	-10.00000	-8.50000	-2.9038	-8.9310	-0.0011721	-2.0578	23.698E-6
	40.00000	-10.00000	-8.50000	-2.7095	-8.9310	-0.0010270	-1.9172	22.081E-6
	41.00000	-10.00000	-8.50000	-2.5172	-8.9310	-890.83E-6	-1.7805	20.509E-6
	42.00000	-10.00000	-8.50000	-2.3286	-8.9310	-766.59E-6	-1.6496	19.003E-6
	43.00000	-10.00000	-8.50000	-2.1451	-8.9310	-655.90E-6	-1.5258	17.578E-6
	44.00000	-10.00000	-8.50000	-1.9678	-8.9310	-559.17E-6	-1.4098	16.244E-6
	45.00000	-10.00000	-8.50000	-1.7975	-8.9310	-475.87E-6	-1.3021	15.004E-6
	46.00000	-10.00000	-8.50000	-1.6348	-8.9310	-404.90E-6	-1.2027	13.860E-6
	47.00000	-10.00000	-8.50000	-1.4800	-8.9310	-344.86E-6	-1.1113	12.808E-6
	48.00000	-10.00000	-8.50000	-1.3334	-8.9310	-294.30E-6	-1.0277	11.845E-6
	49.00000	-10.00000	-8.50000	-1.1949	-8.9310	-251.81E-6	-0.95120	10.964E-6
	50.00000	-10.00000	-8.50000	-1.0644	-8.9310	-216.10E-6	-0.88138	10.160E-6
	51.00000	-10.00000	-8.50000	-0.94174	-8.9310	-186.08E-6	-0.81765	9.4258E-6
	52.00000	-10.00000	-8.50000	-0.82671	-8.9310	-160.79E-6	-0.75948	8.7556E-6
	53.00000	-10.00000	-8.50000	-0.71901	-8.9310	-139.42E-6	-0.70635	8.1434E-6
	54.00000	-10.00000	-8.50000	-0.61833	-8.9310	-121.32E-6	-0.65779	7.5839E-6
	55.00000	-10.00000	-8.50000	-0.52436	-8.9310	-105.94E-6	-0.61336	7.0719E-6
	56.00000	-10.00000	-8.50000	-0.43677	-8.9310	-92.825E-6	-0.57267	6.6030E-6
	57.00000	-10.00000	-8.50000	-0.35523	-8.9310	-81.600E-6	-0.53535	6.1729E-6
	58.00000	-10.00000	-8.50000	-0.27942	-8.9310	-71.960E-6	-0.50109	5.7779E-6
	59.00000	-10.00000	-8.50000	-0.20902	-8.9310	-63.652E-6	-0.46958	5.4148E-6
	60.00000	-10.00000	-8.50000	-0.14372	-8.9310	-56.469E-6	-0.44058	5.0804E-6
	-20.00000	-9.00000	-8.50000	-0.20317	-8.9310	-62.216E-6	-0.46547	5.3674E-6
	-19.00000	-9.00000	-8.50000	-0.27398	-8.9310	-70.352E-6	-0.49702	5.7310E-6
	-18.00000	-9.00000	-8.50000	-0.35039	-8.9310	-79.805E-6	-0.53138	6.1271E-6
	-17.00000	-9.00000	-8.50000	-0.43276	-8.9310	-90.833E-6	-0.56887	6.5593E-6
	-16.00000	-9.00000	-8.50000	-0.52146	-8.9310	-103.75E-6	-0.60985	7.0315E-6
	-15.00000	-9.00000	-8.50000	-0.61687	-8.9310	-118.95E-6	-0.65470	7.5483E-6
	-14.00000	-9.00000	-8.50000	-0.71939	-8.9310	-136.91E-6	-0.70386	8.1149E-6
	-13.00000	-9.00000	-8.50000	-0.82942	-8.9310	-158.23E-6	-0.75786	8.7370E-6
	-12.00000	-9.00000	-8.50000	-0.94737	-8.9310	-183.65E-6	-0.81724	9.4211E-6
	-11.00000	-9.00000	-8.50000	-1.0736	-8.9310	-214.08E-6	-0.88263	10.174E-6
	-10.00000	-9.00000	-8.50000	-1.2086	-8.9310	-250.66E-6	-0.95473	11.005E-6
	-9.00000	-9.00000	-8.50000	-1.3526	-8.9310	-294.79E-6	-1.0343	11.921E-6
	-8.00000	-9.00000	-8.50000	-1.5060	-8.9310	-348.18E-6	-1.1221	12.933E-6
	-7.00000	-9.00000	-8.50000	-1.6690	-8.9310	-412.87E-6	-1.2191	14.049E-6
	-6.00000	-9.00000	-8.50000	-1.8416	-8.9310	-491.22E-6	-1.3259	15.279E-6
	-5.00000	-9.00000	-8.50000	-2.0238	-8.9310	-585.90E-6	-1.4435	16.631E-6
	-4.00000	-9.00000	-8.50000	-2.2154	-8.9310	-699.64E-6	-1.5723	18.113E-6
	-3.00000	-9.00000	-8.50000	-2.4157	-8.9310	-834.94E-6	-1.7125	19.727E-6
	-2.00000	-9.00000	-8.50000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	36.00000	-9.00000	-8.50000	-3.9151	-8.9310	-0.0022711	-2.8932	33.297E-6
	37.00000	-9.00000	-8.50000	-3.6978	-8.9310	-0.0020517	-2.7188	31.292E-6
	38.00000	-9.00000	-8.50000	-3.4760	-8.9310	-0.0018231	-2.5399	29.237E-6
	39.00000	-9.00000	-8.50000	-3.2522	-8.9310	-0.0015944	-2.3602	27.172E-6
	40.00000	-9.00000	-8.50000	-3.0291	-8.9310	-0.0013746	-2.1834	25.140E-6
	41.00000	-9.00000	-8.50000	-2.8089	-8.9310	-0.0011713	-2.0129	23.179E-6
	42.00000	-9.00000	-8.50000	-2.5939	-8.9310	-989.29E-6	-1.8510	21.318E-6
	43.00000	-9.00000	-8.50000	-2.3856	-8.9310	-830.79E-6	-1.6995	19.576E-6
	44.00000	-9.00000	-8.50000	-2.1853	-8.9310	-695.58E-6	-1.5594	17.964E-6
	45.00000	-9.00000	-8.50000	-1.9940	-8.9310	-581.96E-6	-1.4308	16.485E-6
	46.00000	-9.00000	-8.50000	-1.8121	-8.9310	-487.43E-6	-1.3135	15.135E-6
	47.00000	-9.00000	-8.50000	-1.6399	-8.9310	-409.23E-6	-1.2069	13.908E-6
	48.00000	-9.00000	-8.50000	-1.4775	-8.9310	-344.72E-6	-1.1103	12.796E-6
	49.00000	-9.00000	-8.50000	-1.3248	-8.9310	-291.51E-6	-1.0228	11.789E-6
	50.00000	-9.00000	-8.50000	-1.1815	-8.9310	-247.57E-6	-0.94366	10.877E-6
	51.00000	-9.00000	-8.50000	-1.0474	-8.9310	-211.17E-6	-0.87199	10.052E-6
	52.00000	-9.00000	-8.50000	-0.92197	-8.9310	-180.93E-6	-0.80704	9.3036E-6
	53.00000	-9.00000	-8.50000	-0.80493	-8.9310	-155.71E-6	-0.74812	8.6248E-6
	54.00000	-9.00000	-8.50000	-0.69585	-8.9310	-134.57E-6	-0.69460	8.0080E-6
	55.00000	-9.00000	-8.50000	-0.59430	-8.9310	-116.79E-6	-0.64589	7.4468E-6
	56.00000	-9.00000	-8.50000	-0.49987	-8.9310	-101.76E-6	-0.60150	6.9353E-6
	57.00000	-9.00000	-8.50000	-0.41217	-8.9310	-89.000E-6	-0.56098	6.4683E-6
	58.00000	-9.00000	-8.50000	-0.33079	-8.9310	-78.123E-6	-0.52393	6.0413E-6
	59.00000	-9.00000	-8.50000	-0.25536	-8.9310	-68.813E-6	-0.49000	5.6501E-6
	60.00000	-9.00000	-8.50000	-0.18551	-8.9310	-60.811E-6	-0.45886	5.2912E-6
	-20.00000	-8.00000	-8.50000	-0.24726	-8.9310	-66.983E-6	-0.48477	5.5899E-6
	-19.00000	-8.00000	-8.50000	-0.32289	-8.9310	-76.033E-6	-0.51862	5.9800E-6
	-18.00000	-8.00000	-8.50000	-0.40465	-8.9310	-86.612E-6	-0.55562	6.4065E-6
	-17.00000	-8.00000	-8.50000	-0.49294	-8.9310	-99.036E-6	-0.59614	6.8735E-6
	-16.00000	-8.00000	-8.50000	-0.58821	-8.9310	-113.70E-6	-0.64061	7.3860E-6
	-15.00000	-8.00000	-8.50000	-0.69093	-8.9310	-131.08E-6	-0.68951	7.9495E-6
	-14.00000	-8.00000	-8.50000	-0.80157	-8.9310	-151.82E-6	-0.74339	8.5703E-6
	-13.00000	-8.00000	-8.50000	-0.92065	-8.9310	-176.67E-6	-0.80289	9.2559E-6
	-12.00000	-8.00000	-8.50000	-1.0487	-8.9310	-206.65E-6	-0.86874	10.014E-6
	-11.00000	-8.00000	-8.50000	-1.1862	-8.9310	-243.00E-6	-0.94175	10.855E-6
	-10.00000	-8.00000	-8.50000	-1.3337	-8.9310	-287.34E-6	-1.0229	11.790E-6
	-9.00000	-8.00000	-8.50000	-1.4918	-8.9310	-341.72E-6	-1.1132	12.829E-6
	-8.00000	-8.00000	-8.50000	-1.6608	-8.9310	-408.72E-6	-1.2138	13.988E-6
	-7.00000	-8.00000	-8.50000	-1.8413	-8.9310	-491.62E-6	-1.3261	15.280E-6
	-6.00000	-8.00000	-8.50000	-2.0334	-8.9310	-594.41E-6	-1.4513	16.721E-6
	-5.00000	-8.00000	-8.50000	-2.2374	-8.9310	-721.87E-6	-1.5908	18.326E-6
	-4.00000	-8.00000	-8.50000	-2.4530	-8.9310	-879.39E-6	-1.7458	20.108E-6
	-3.00000	-8.00000	-8.50000	-2.6800	-8.9310	-0.0010725	-1.9171	22.078E-6
	-2.00000	-8.00000	-8.50000	-2.9172	-8.9310	-0.0013057	-2.1048	24.236E-6
	-1.00000	-8.00000	-8.50000	-3.1634	-8.9310	-0.0015815	-2.3083	26.573E-6
	0.00000	-8.00000	-8.50000	-3.4165	-8.9310	-0.0018976	-2.5253	29.066E-6
	1.00000	-8.00000	-8.50000	-3.6739	-8.9310	-0.0022459	-2.7523	31.672E-6
	2.00000	-8.00000	-8.50000	-3.9324	-8.9310	-0.0026122	-2.9841	34.333E-6
	3.00000	-8.00000	-8.50000	-4.1887	-8.9310	-0.0029783	-3.2150	36.985E-6
	4.00000	-8.00000	-8.50000	-4.4394	-8.9310	-0.0033260	-3.4392	39.559E-6
	5.00000	-8.00000	-8.50000	-4.6813	-8.9310	-0.0036411	-3.6516	41.998E-6
	6.00000	-8.00000	-8.50000	-4.9118	-8.9310	-0.0039155	-3.8486	44.261E-6
	7.00000	-8.00000	-8.50000	-5.1288	-8.9310	-0.0041469	-4.0280	46.323E-6
	8.00000	-8.00000	-8.50000	-5.3308	-8.9310	-0.0043377	-4.1890	48.173E-6
	9.00000	-8.00000	-8.50000	-5.5168	-8.9310	-0.0044925	-4.3317	49.814E-6
	10.00000	-8.00000	-8.50000	-5.6862	-8.9310	-0.0046167	-4.4568	51.253E-6
	11.00000	-8.00000	-8.50000	-5.8387	-8.9310	-0.0047157	-4.5655	52.503E-6
	12.00000	-8.00000	-8.50000	-5.9744	-8.9310	-0.0047942	-4.6589	53.578E-6
	13.00000	-8.00000	-8.50000	-6.0932	-8.9310	-0.0048561	-4.7382	54.491E-6
	14.00000	-8.00000	-8.50000	-6.1955	-8.9310	-0.0049046	-4.8047	55.256E-6
	15.00000	-8.00000	-8.50000	-6.2813	-8.9310	-0.0049421	-4.8592	55.883E-6
	16.00000	-8.00000	-8.50000	-6.3510	-8.9310	-0.0049706	-4.9026	56.383E-6
	17.00000	-8.00000	-8.50000	-6.4047	-8.9310	-0.0049913	-4.9355	56.762E-6
	18.00000	-8.00000	-8.50000	-6.4427	-8.9310	-0.0050055	-4.9586	57.028E-6
	19.00000	-8.00000	-8.50000	-6.4650	-8.9310	-0.0050136	-4.9721	57.183E-6
	20.00000	-8.00000	-8.50000	-6.4717	-8.9310	-0.0050162	-4.9762	57.231E-6
	21.00000	-8.00000	-8.50000	-6.4629	-8.9310	-0.0050133	-4.9711	57.172E-6
	22.00000	-8.00000	-8.50000	-6.4385	-8.9310	-0.0050048	-4.9567	57.006E-6
	23.00000	-8.00000	-8.50000	-6.3984	-8.9310	-0.0049904	-4.9327	56.730E-6
	24.00000	-8.00000	-8.50000	-6.3426	-8.9310	-0.0049693	-4.8988	56.340E-6
	25.00000	-8.00000	-8.50000	-6.2709	-8.9310	-0.0049405	-4.8545	55.829E-6
	26.00000	-8.00000	-8.50000	-6.1830	-8.9310	-0.0049027	-4.7991	55.191E-6
	27.00000	-8.00000	-8.50000	-6.0787	-8.9310	-0.0048539	-4.7317	54.416E-6
	28.00000	-8.00000	-8.50000	-5.9579	-8.9310	-0.0047917	-4.6514	53.492E-6
	29.00000	-8.00000	-8.50000	-5.8203	-8.9310	-0.0047129	-4.5571	52.407E-6
	30.00000	-8.00000	-8.50000	-5.6659	-8.9310	-0.0046135	-4.4476	51.147E-6
	31.00000	-8.00000	-8.50000	-5.4947	-8.9310	-0.0044890	-4.3216	49.698E-6
	32.00000	-8.00000	-8.50000	-5.3070	-8.9310	-0.0043339	-4.1782	48.048E-6
	33.00000	-8.00000	-8.50000	-5.1034	-8.9310	-0.0041428	-4.0164	46.189E-6
	34.00000	-8.00000	-8.50000	-4.8849	-8.9310	-0.0039111	-3.8363	44.119E-6
	35.00000	-8.00000	-8.50000	-4.6530	-8.9310	-0.0036365	-3.6387	41.849E-6
	36.00000	-8.00000	-8.50000	-4.4099	-8.9310	-0.0033212	-3.4257	39.403E-6
	37.00000	-8.00000	-8.50000	-4.1581	-8.9310	-0.0029733	-3.2010	36.824E-6
	38.00000	-8.00000	-8.50000	-3.9009	-8.9310	-0.0026071	-2.9697	34.168E-6
	39.00000	-8.00000	-8.50000	-3.6416	-8.9310	-0.0022407	-2.7376	31.503E-6
	40.00000	-8.00000	-8.50000	-3.3837	-8.9310	-0.0018924	-2.5105	28.895E-6
	41.00000	-8.00000	-8.50000	-3.1302	-8.9310	-0.0015763	-2.2934	26.401E-6
	42.00000	-8.00000	-8.50000	-2.8838	-8.9310	-0.0013006	-2.0899	24.063E-6
	43.00000	-8.00000	-8.50000	-2.6465	-8.9310	-0.0010674	-1.9022	21.906E-6
	44.00000	-8.00000	-8.50000	-2.4197	-8.9310	-874.47E-6	-1.7310	19.939E-6
	45.00000	-8.00000	-8.50000	-2.2043	-8.9310	-717.12E-6	-1.5763	18.159E-6
	46.00000	-8.00000	-8.50000	-2.0008	-8.9310	-589.84E-6	-1.4371	16.559E-6
	47.00000	-8.00000	-8.50000	-1.8092	-8.9310	-487.26E-6	-1.3122	15.121E-6
	48.00000	-8.00000	-8.50000	-1.6294	-8.9310	-404.58E-6	-1.2004	13.834E-6
	49.00000	-8.00000	-8.50000	-1.4611	-8.9310	-337.81E-6	-1.1002	12.680E-6
	50.00000	-8.00000	-8.50000	-1.3040	-8.9310	-283.67E-6	-1.0104	11.646E-6
	51.00000	-8.00000	-8.50000	-1.1574	-8.9310	-239.57E-6	-0.92983	10.718E-6
	52.00000	-8.00000	-8.50000	-1.0209	-8.9310	-203.46E-6	-0.85735	9.8832E-6
	53.00000	-8.00000	-8.50000	-0.89388	-8.9310	-173.72E-6	-0.79205	9.1309E-6
	54.00000	-8.00000	-8.50000	-0.77589	-8.9310	-149.09E-6	-0.73310	8.4517E-6
	55.00000	-8.00000	-8.50000	-0.66635	-8.9310	-128.57E-6	-0.67976	7.8371E-6
	56.00000	-8.00000	-8.50000	-0.56475	-8.9310	-111.39E-6	-0.63140	7.2798E-6
	57.00000	-8.00000	-8.50000	-0.47060	-8.9310	-96.928E-6	-0.58746	6.7734E-6
	58.00000	-8.00000	-8.50000	-0.38342	-8.9310	-84.687E-6	-0.54745	6.3123E-6
	59.00000	-8.00000	-8.50000	-0.30276	-8.9310	-74.279E-6	-0.51094	5.8911E-6
	60.00000	-8.00000	-8.50000	-0.22821	-8.9310	-65.387E-6	-0.47757	5.5069E-6
	-20.00000	-7.00000	-8.50000	-0.29218	-8.9310	-71.999E-6	-0.50450	5.8173E-6
	-19.00000	-7.00000	-8.50000	-0.37280	-8.9310	-82.039E-6	-0.54075	6.2352E-6
	-18.00000	-7.00000	-8.50000	-0.46009	-8.9310	-93.845E-6	-0.58053	6.6936E-6
	-17.00000	-7.00000	-8.50000	-0.55454	-8.9310	-107.80E-6	-0.62426	7.1975E-6
	-16.00000	-7.00000	-8.50000	-0.65667	-8.9310	-124.38E-6	-0.67245	7.7529E-6
	-15.00000	-7.00000	-8.50000	-0.76703	-8.9310	-144.22E-6	-0.72569	8.3664E-6
	-14.00000	-7.00000	-8.50000	-0.88621	-8.9310	-168.08E-6	-0.78465	9.0458E-6
	-13.00000	-7.00000	-8.50000	-1.0148	-8.9310	-196.98E-6	-0.85014	9.8002E-6
	-12.00000	-7.00000	-8.50000	-1.1536	-8.9310	-232.24E-6	-0.92308	10.640E-6
	-11.00000	-7.00000	-8.50000	-1.3031	-8.9310	-275.57E-6	-1.0045	11.579E-6
	-10.00000	-7.00000	-8.50000	-1.4641	-8.9310	-329.22E-6	-1.0958	12.629E-6
	-9.00000	-7.00000	-8.50000	-1.6373	-8.9310	-396.17E-6	-1.1982	13.809E-6
	-8.00000	-7.00000	-8.50000	-1.8234	-8.9310	-480.33E-6	-1.3136	15.137E-6
	-7.00000	-7.00000	-8.50000	-2.0231	-8.9310	-586.85E-6	-1.4439	16.636E-6
	-6.00000	-7.00000	-8.50000	-2.2370	-8.9310	-722.44E-6	-1.5911	18.329E-6
	-5.00000	-7.00000	-8.50000	-2.4655	-8.9310	-895.68E-6	-1.7575	20.224E-6
	-4.00000	-7.00000	-8.50000	-2.7087	-8.9310	-0.0011170	-1.9455	22.404E-6
	-3.00000	-7.00000	-8.50000	-2.9665	-8.9310	-0.0013986	-2.1570	24.834E-6
	-2.00000	-7.00000	-8.50000	-3.2379	-8.9310	-0.0017522	-2.3932	27.547E-6
	-1.00000	-7.00000	-8.50000	-3.5216	-8.9310	-0.0021867	-2.6540	30.540E-6
	0.00000	-7.00000	-8.50000	-3.8151	-8.9310	-0.0027025	-2.9368	33.785E-6
	1.00000	-7.00000	-8.50000	-4.1150	-8.9310	-0.0032867	-3.2365	37.222E-6
	2.00000	-7.00000	-8.50000	-4.4173	-8.9310	-0.0039103	-3.5450	40.759E-6
	3.00000	-7.00000	-8.50000	-4.7171	-8.9310	-0.0045338	-3.8524	44.284E-6
	4.00000	-7.00000	-8.50000	-5.0100	-8.9310	-0.0051173	-4.1492	47.687E-6
	5.00000	-7.00000	-8.50000	-5.2916	-8.9310	-0.0056320	-4.4271	50.875E-6
	6.00000	-7.00000	-8.50000	-5.5585	-8.9310	-0.0060650	-4.6809	53.788E-6
	7.00000	-7.00000	-8.50000	-5.8084	-8.9310	-0.0064165	-4.9082	56.398E-6
	8.00000	-7.00000	-8.50000	-6.0397	-8.9310	-0.0066955	-5.1087	58.701E-6
	9.00000	-7.00000	-8.50000	-6.2513	-8.9310	-0.0069139	-5.2835	60.710E-6
	10.00000	-7.00000	-8.50000	-6.4430	-8.9310	-0.0070835	-5.4346	62.447E-6
	11.00000	-7.00000	-8.50000	-6.6147	-8.9310	-0.0072149	-5.5641	63.936E-6
	12.00000	-7.00000	-8.50000	-6.7668	-8.9310	-0.0073165	-5.6741	65.202E-6
	13.00000	-7.00000	-8.50000	-6.8995	-8.9310	-0.0073950	-5.7667	66.268E-6
	14.00000	-7.00000	-8.50000	-7.0133	-8.9310	-0.0074554	-5.8437	67.153E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	15.00000	-7.00000	-8.50000	-7.1085	-8.9310	-0.0075015	-5.9064	67.875E-6
	16.00000	-7.00000	-8.50000	-7.1857	-8.9310	-0.0075360	-5.9560	68.446E-6
	17.00000	-7.00000	-8.50000	-7.2451	-8.9310	-0.0075610	-5.9936	68.879E-6
	18.00000	-7.00000	-8.50000	-7.2869	-8.9310	-0.0075779	-6.0197	69.180E-6
	19.00000	-7.00000	-8.50000	-7.3115	-8.9310	-0.0075876	-6.0350	69.356E-6
	20.00000	-7.00000	-8.50000	-7.3189	-8.9310	-0.0075906	-6.0397	69.410E-6
	21.00000	-7.00000	-8.50000	-7.3092	-8.9310	-0.0075872	-6.0340	69.344E-6
	22.00000	-7.00000	-8.50000	-7.2823	-8.9310	-0.0075771	-6.0176	69.156E-6
	23.00000	-7.00000	-8.50000	-7.2381	-8.9310	-0.0075599	-5.9904	68.842E-6
	24.00000	-7.00000	-8.50000	-7.1765	-8.9310	-0.0075345	-5.9518	68.397E-6
	25.00000	-7.00000	-8.50000	-7.0970	-8.9310	-0.0074996	-5.9011	67.814E-6
	26.00000	-7.00000	-8.50000	-6.9995	-8.9310	-0.0074531	-5.8373	67.080E-6
	27.00000	-7.00000	-8.50000	-6.8835	-8.9310	-0.0073923	-5.7593	66.182E-6
	28.00000	-7.00000	-8.50000	-6.7485	-8.9310	-0.0073134	-5.6656	65.104E-6
	29.00000	-7.00000	-8.50000	-6.5943	-8.9310	-0.0072114	-5.5545	63.826E-6
	30.00000	-7.00000	-8.50000	-6.4205	-8.9310	-0.0070796	-5.4240	62.325E-6
	31.00000	-7.00000	-8.50000	-6.2267	-8.9310	-0.0069096	-5.2720	60.577E-6
	32.00000	-7.00000	-8.50000	-6.0132	-8.9310	-0.0066909	-5.0962	58.558E-6
	33.00000	-7.00000	-8.50000	-5.7801	-8.9310	-0.0064115	-4.8949	56.244E-6
	34.00000	-7.00000	-8.50000	-5.5286	-8.9310	-0.0060596	-4.6668	53.625E-6
	35.00000	-7.00000	-8.50000	-5.2600	-8.9310	-0.0056264	-4.4122	50.703E-6
	36.00000	-7.00000	-8.50000	-4.9770	-8.9310	-0.0051114	-4.1336	47.508E-6
	37.00000	-7.00000	-8.50000	-4.6830	-8.9310	-0.0045277	-3.8363	44.099E-6
	38.00000	-7.00000	-8.50000	-4.3821	-8.9310	-0.0039041	-3.5284	40.568E-6
	39.00000	-7.00000	-8.50000	-4.0790	-8.9310	-0.0032804	-3.2196	37.027E-6
	40.00000	-7.00000	-8.50000	-3.7785	-8.9310	-0.0026962	-2.9198	33.588E-6
	41.00000	-7.00000	-8.50000	-3.4846	-8.9310	-0.0021803	-2.6368	30.342E-6
	42.00000	-7.00000	-8.50000	-3.2007	-8.9310	-0.0017459	-2.3761	27.349E-6
	43.00000	-7.00000	-8.50000	-2.9292	-8.9310	-0.0013924	-2.1399	24.638E-6
	44.00000	-7.00000	-8.50000	-2.6717	-8.9310	-0.0011111	-1.9286	22.210E-6
	45.00000	-7.00000	-8.50000	-2.4288	-8.9310	-889.90E-6	-1.7410	20.053E-6
	46.00000	-7.00000	-8.50000	-2.2009	-8.9310	-716.91E-6	-1.5749	18.143E-6
	47.00000	-7.00000	-8.50000	-1.9877	-8.9310	-581.58E-6	-1.4282	16.455E-6
	48.00000	-7.00000	-8.50000	-1.7887	-8.9310	-475.35E-6	-1.2984	14.962E-6
	49.00000	-7.00000	-8.50000	-1.6035	-8.9310	-391.49E-6	-1.1836	13.640E-6
	50.00000	-7.00000	-8.50000	-1.4313	-8.9310	-324.85E-6	-1.0818	12.468E-6
	51.00000	-7.00000	-8.50000	-1.2714	-8.9310	-271.51E-6	-0.99114	11.424E-6
	52.00000	-7.00000	-8.50000	-1.1231	-8.9310	-228.48E-6	-0.91033	10.493E-6
	53.00000	-7.00000	-8.50000	-0.98557	-8.9310	-193.51E-6	-0.83805	9.6608E-6
	54.00000	-7.00000	-8.50000	-0.85819	-8.9310	-164.89E-6	-0.77321	8.9139E-6
	55.00000	-7.00000	-8.50000	-0.74027	-8.9310	-141.30E-6	-0.71488	8.2419E-6
	56.00000	-7.00000	-8.50000	-0.63118	-8.9310	-121.72E-6	-0.66227	7.6356E-6
	57.00000	-7.00000	-8.50000	-0.53031	-8.9310	-105.37E-6	-0.61470	7.0874E-6
	58.00000	-7.00000	-8.50000	-0.43711	-8.9310	-91.639E-6	-0.57156	6.5902E-6
	59.00000	-7.00000	-8.50000	-0.35105	-8.9310	-80.038E-6	-0.53236	6.1384E-6
	60.00000	-7.00000	-8.50000	-0.27164	-8.9310	-70.187E-6	-0.49665	5.7268E-6
	-20.00000	-6.00000	-8.50000	-0.33777	-8.9310	-77.250E-6	-0.52458	6.0487E-6
	-19.00000	-6.00000	-8.50000	-0.42351	-8.9310	-88.353E-6	-0.56335	6.4956E-6
	-18.00000	-6.00000	-8.50000	-0.51651	-8.9310	-101.48E-6	-0.60603	6.9875E-6
	-17.00000	-6.00000	-8.50000	-0.61733	-8.9310	-117.10E-6	-0.65313	7.5304E-6
	-16.00000	-6.00000	-8.50000	-0.72657	-8.9310	-135.80E-6	-0.70527	8.1311E-6
	-15.00000	-6.00000	-8.50000	-0.84489	-8.9310	-158.34E-6	-0.76313	8.7978E-6
	-14.00000	-6.00000	-8.50000	-0.97299	-8.9310	-185.70E-6	-0.82754	9.5399E-6
	-13.00000	-6.00000	-8.50000	-1.1116	-8.9310	-219.18E-6	-0.89950	10.369E-6
	-12.00000	-6.00000	-8.50000	-1.2616	-8.9310	-260.49E-6	-0.98015	11.298E-6
	-11.00000	-6.00000	-8.50000	-1.4239	-8.9310	-311.95E-6	-1.0709	12.343E-6
	-10.00000	-6.00000	-8.50000	-1.5993	-8.9310	-376.67E-6	-1.1734	13.523E-6
	-9.00000	-6.00000	-8.50000	-1.7888	-8.9310	-458.88E-6	-1.2896	14.860E-6
	-8.00000	-6.00000	-8.50000	-1.9935	-8.9310	-564.42E-6	-1.4219	16.383E-6
	-7.00000	-6.00000	-8.50000	-2.2144	-8.9310	-701.34E-6	-1.5731	18.123E-6
	-6.00000	-6.00000	-8.50000	-2.4524	-8.9310	-880.75E-6	-1.7465	20.117E-6
	-5.00000	-6.00000	-8.50000	-2.7084	-8.9310	-0.0011179	-1.9460	22.410E-6
	-4.00000	-6.00000	-8.50000	-2.9831	-8.9310	-0.0014330	-2.1757	25.049E-6
	-3.00000	-6.00000	-8.50000	-3.2767	-8.9310	-0.0018523	-2.4398	28.081E-6
	-2.00000	-6.00000	-8.50000	-3.5887	-8.9310	-0.0024057	-2.7420	31.547E-6
	-1.00000	-6.00000	-8.50000	-3.9176	-8.9310	-0.0031221	-3.0838	35.466E-6
	0.00000	-6.00000	-8.50000	-4.2608	-8.9310	-0.0040157	-3.4634	39.814E-6
	1.00000	-6.00000	-8.50000	-4.6140	-8.9310	-0.0050687	-3.8731	44.504E-6
	2.00000	-6.00000	-8.50000	-4.9713	-8.9310	-0.0062186	-4.2996	49.384E-6
	3.00000	-6.00000	-8.50000	-5.3260	-8.9310	-0.0073683	-4.7250	54.252E-6
	4.00000	-6.00000	-8.50000	-5.6716	-8.9310	-0.0084205	-5.1316	58.906E-6
	5.00000	-6.00000	-8.50000	-6.0022	-8.9310	-0.0093129	-5.5059	63.193E-6
	6.00000	-6.00000	-8.50000	-6.3134	-8.9310	-0.0100027	-5.8404	67.026E-6
	7.00000	-6.00000	-8.50000	-6.6025	-8.9310	-0.0105079	-6.1329	70.382E-6
	8.00000	-6.00000	-8.50000	-6.8679	-8.9310	-0.0109955	-6.3852	73.278E-6
	9.00000	-6.00000	-8.50000	-7.1090	-8.9310	-0.0113076	-6.6008	75.754E-6
	10.00000	-6.00000	-8.50000	-7.3260	-8.9310	-0.0115405	-6.7838	77.857E-6
	11.00000	-6.00000	-8.50000	-7.5192	-8.9310	-0.0117154	-6.9383	79.634E-6
	12.00000	-6.00000	-8.50000	-7.6894	-8.9310	-0.0118466	-7.0680	81.125E-6
	13.00000	-6.00000	-8.50000	-7.8373	-8.9310	-0.0119455	-7.1759	82.366E-6
	14.00000	-6.00000	-8.50000	-7.9637	-8.9310	-0.0120220	-7.2648	83.389E-6
	15.00000	-6.00000	-8.50000	-8.0691	-8.9310	-0.0120777	-7.3367	84.216E-6
	16.00000	-6.00000	-8.50000	-8.1543	-8.9310	-0.0121184	-7.3933	84.868E-6
	17.00000	-6.00000	-8.50000	-8.2197	-8.9310	-0.0121481	-7.4359	85.359E-6
	18.00000	-6.00000	-8.50000	-8.2658	-8.9310	-0.0121684	-7.4656	85.700E-6
	19.00000	-6.00000	-8.50000	-8.2928	-8.9310	-0.0121804	-7.4828	85.899E-6
	20.00000	-6.00000	-8.50000	-8.3010	-8.9310	-0.0121834	-7.4882	85.960E-6
	21.00000	-6.00000	-8.50000	-8.2903	-8.9310	-0.0121779	-7.4817	85.885E-6
	22.00000	-6.00000	-8.50000	-8.2607	-8.9310	-0.0121667	-7.4632	85.672E-6
	23.00000	-6.00000	-8.50000	-8.2121	-8.9310	-0.0121447	-7.4323	85.317E-6
	24.00000	-6.00000	-8.50000	-8.1441	-8.9310	-0.0121156	-7.3885	84.813E-6
	25.00000	-6.00000	-8.50000	-8.0564	-8.9310	-0.0120774	-7.3307	84.147E-6
	26.00000	-6.00000	-8.50000	-7.9484	-8.9310	-0.0120218	-7.2575	83.305E-6
	27.00000	-6.00000	-8.50000	-7.8196	-8.9310	-0.0119427	-7.1675	82.269E-6
	28.00000	-6.00000	-8.50000	-7.6692	-8.9310	-0.0118420	-7.0583	81.013E-6
	29.00000	-6.00000	-8.50000	-7.4966	-8.9310	-0.0117170	-6.9274	79.508E-6
	30.00000	-6.00000	-8.50000	-7.3010	-8.9310	-0.0115535	-6.7717	77.718E-6
	31.00000	-6.00000	-8.50000	-7.0818	-8.9310	-0.0113302	-6.5876	75.602E-6
	32.00000	-6.00000	-8.50000	-6.8384	-8.9310	-0.0010989	-6.3709	73.113E-6
	33.00000	-6.00000	-8.50000	-6.5710	-8.9310	-0.0010572	-6.1175	70.205E-6
	34.00000	-6.00000	-8.50000	-6.2800	-8.9310	-0.0100021	-5.8240	66.838E-6
	35.00000	-6.00000	-8.50000	-5.9670	-8.9310	-0.0093059	-5.4887	62.995E-6
	36.00000	-6.00000	-8.50000	-5.6349	-8.9310	-0.0084132	-5.1137	58.699E-6
	37.00000	-6.00000	-8.50000	-5.2879	-8.9310	-0.0073607	-4.7064	54.037E-6
	38.00000	-6.00

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-6.00000	-5.00000	-8.50000	-2.6790	-8.9310	-0.0010749	-1.9186	22.095E-6
	-5.00000	-5.00000	-8.50000	-2.9659	-8.9310	-0.0014005	-2.1583	24.849E-6
	-4.00000	-5.00000	-8.50000	-3.2764	-8.9310	-0.0018534	-2.4406	28.091E-6
	-3.00000	-5.00000	-8.50000	-3.6116	-8.9310	-0.0024896	-2.7740	31.915E-6
	-2.00000	-5.00000	-8.50000	-3.9719	-8.9310	-0.0033844	-3.1672	36.419E-6
	-1.00000	-5.00000	-8.50000	-4.3562	-8.9310	-0.0046272	-3.6273	41.683E-6
	0.00000	-5.00000	-8.50000	-4.7617	-8.9310	-0.0062927	-4.1555	47.719E-6
	1.00000	-5.00000	-8.50000	-5.1830	-8.9310	-0.0083793	-4.7424	54.418E-6
	2.00000	-5.00000	-8.50000	-5.6117	-8.9310	-0.010742	-5.3638	61.504E-6
	3.00000	-5.00000	-8.50000	-6.0377	-8.9310	-0.013104	-5.9840	68.577E-6
	4.00000	-5.00000	-8.50000	-6.4509	-8.9310	-0.015190	-6.5676	75.236E-6
	5.00000	-5.00000	-8.50000	-6.8430	-8.9310	-0.016854	-7.0902	81.207E-6
	6.00000	-5.00000	-8.50000	-7.2085	-8.9310	-0.018095	-7.5422	86.379E-6
	7.00000	-5.00000	-8.50000	-7.5444	-8.9310	-0.018987	-7.9251	90.765E-6
	8.00000	-5.00000	-8.50000	-7.8497	-8.9310	-0.019620	-8.2459	94.443E-6
	9.00000	-5.00000	-8.50000	-8.1246	-8.9310	-0.020069	-8.5131	97.511E-6
	10.00000	-5.00000	-8.50000	-8.3700	-8.9310	-0.020390	-8.7352	100.06E-6
	11.00000	-5.00000	-8.50000	-8.5871	-8.9310	-0.020622	-8.9195	102.18E-6
	12.00000	-5.00000	-8.50000	-8.7772	-8.9310	-0.020791	-9.0719	103.93E-6
	13.00000	-5.00000	-8.50000	-8.9417	-8.9310	-0.020916	-9.1974	105.37E-6
	14.00000	-5.00000	-8.50000	-9.0815	-8.9310	-0.021009	-9.2997	106.55E-6
	15.00000	-5.00000	-8.50000	-9.1979	-8.9310	-0.021077	-9.3818	107.50E-6
	16.00000	-5.00000	-8.50000	-9.2917	-8.9310	-0.021127	-9.4461	108.24E-6
	17.00000	-5.00000	-8.50000	-9.3636	-8.9310	-0.021162	-9.4943	108.79E-6
	18.00000	-5.00000	-8.50000	-9.4141	-8.9310	-0.021186	-9.5277	109.18E-6
	19.00000	-5.00000	-8.50000	-9.4437	-8.9310	-0.021200	-9.5471	109.40E-6
	20.00000	-5.00000	-8.50000	-9.4526	-8.9310	-0.021204	-9.5531	109.47E-6
	21.00000	-5.00000	-8.50000	-9.4409	-8.9310	-0.021199	-9.5458	109.38E-6
	22.00000	-5.00000	-8.50000	-9.4085	-8.9310	-0.021185	-9.5250	109.15E-6
	23.00000	-5.00000	-8.50000	-9.3552	-8.9310	-0.021161	-9.4902	108.74E-6
	24.00000	-5.00000	-8.50000	-9.2805	-8.9310	-0.021125	-9.4407	108.17E-6
	25.00000	-5.00000	-8.50000	-9.1839	-8.9310	-0.021074	-9.3750	107.42E-6
	26.00000	-5.00000	-8.50000	-9.0647	-8.9310	-0.021005	-9.2914	106.46E-6
	27.00000	-5.00000	-8.50000	-8.9221	-8.9310	-0.020912	-9.1877	105.26E-6
	28.00000	-5.00000	-8.50000	-8.7549	-8.9310	-0.020787	-9.0608	103.80E-6
	29.00000	-5.00000	-8.50000	-8.5620	-8.9310	-0.020617	-8.9070	102.04E-6
	30.00000	-5.00000	-8.50000	-8.3423	-8.9310	-0.020384	-8.7213	99.902E-6
	31.00000	-5.00000	-8.50000	-8.0943	-8.9310	-0.020062	-8.4978	97.335E-6
	32.00000	-5.00000	-8.50000	-7.8169	-8.9310	-0.019613	-8.2293	94.253E-6
	33.00000	-5.00000	-8.50000	-7.5093	-8.9310	-0.018979	-7.9073	90.560E-6
	34.00000	-5.00000	-8.50000	-7.1712	-8.9310	-0.018086	-7.5233	86.161E-6
	35.00000	-5.00000	-8.50000	-6.8037	-8.9310	-0.016845	-7.0702	80.977E-6
	36.00000	-5.00000	-8.50000	-6.4098	-8.9310	-0.015181	-6.5467	74.996E-6
	37.00000	-5.00000	-8.50000	-5.9950	-8.9310	-0.013095	-5.9624	68.327E-6
	38.00000	-5.00000	-8.50000	-5.5677	-8.9310	-0.010732	-5.3415	61.247E-6
	39.00000	-5.00000	-8.50000	-5.1380	-8.9310	-0.0083695	-4.7197	54.156E-6
	40.00000	-5.00000	-8.50000	-4.7161	-8.9310	-0.0062828	-4.1325	47.455E-6
	41.00000	-5.00000	-8.50000	-4.3101	-8.9310	-0.0046174	-3.6042	41.417E-6
	42.00000	-5.00000	-8.50000	-3.9256	-8.9310	-0.0033747	-3.1443	36.155E-6
	43.00000	-5.00000	-8.50000	-3.5654	-8.9310	-0.0024802	-2.7513	31.652E-6
	44.00000	-5.00000	-8.50000	-3.2305	-8.9310	-0.0018444	-2.4183	27.833E-6
	45.00000	-5.00000	-8.50000	-2.9206	-8.9310	-0.0013918	-2.1365	24.598E-6
	46.00000	-5.00000	-8.50000	-2.6345	-8.9310	-0.0010666	-1.8974	21.851E-6
	47.00000	-5.00000	-8.50000	-2.3709	-8.9310	-829.86E-6	-1.6935	19.508E-6
	48.00000	-5.00000	-8.50000	-2.1281	-8.9310	-654.86E-6	-1.5188	17.498E-6
	49.00000	-5.00000	-8.50000	-1.9048	-8.9310	-523.55E-6	-1.3682	15.765E-6
	50.00000	-5.00000	-8.50000	-1.6992	-8.9310	-423.58E-6	-1.2376	14.262E-6
	51.00000	-5.00000	-8.50000	-1.5100	-8.9310	-346.43E-6	-1.1236	12.950E-6
	52.00000	-5.00000	-8.50000	-1.3359	-8.9310	-286.11E-6	-1.0237	11.799E-6
	53.00000	-5.00000	-8.50000	-1.1757	-8.9310	-238.40E-6	-0.93564	10.785E-6
	54.00000	-5.00000	-8.50000	-1.0282	-8.9310	-200.25E-6	-0.85769	9.8871E-6
	55.00000	-5.00000	-8.50000	-0.89251	-8.9310	-169.44E-6	-0.78837	9.0886E-6
	56.00000	-5.00000	-8.50000	-0.76758	-8.9310	-144.32E-6	-0.72649	8.3757E-6
	57.00000	-5.00000	-8.50000	-0.65262	-8.9310	-123.69E-6	-0.67105	7.7368E-6
	58.00000	-5.00000	-8.50000	-0.54683	-8.9310	-106.60E-6	-0.62121	7.1624E-6
	59.00000	-5.00000	-8.50000	-0.44952	-8.9310	-92.342E-6	-0.57625	6.6443E-6
	60.00000	-5.00000	-8.50000	-0.36003	-8.9310	-80.374E-6	-0.53559	6.1756E-6
	-20.00000	-4.00000	-8.50000	-0.43017	-8.9310	-88.372E-6	-0.56548	6.5202E-6
	-19.00000	-4.00000	-8.50000	-0.52650	-8.9310	-101.81E-6	-0.60956	7.0282E-6
	-18.00000	-4.00000	-8.50000	-0.63133	-8.9310	-117.87E-6	-0.65841	7.5912E-6
	-17.00000	-4.00000	-8.50000	-0.74541	-8.9310	-137.20E-6	-0.71272	8.2170E-6
	-16.00000	-4.00000	-8.50000	-0.86953	-8.9310	-160.66E-6	-0.77332	8.9153E-6
	-15.00000	-4.00000	-8.50000	-1.0046	-8.9310	-189.35E-6	-0.84119	9.6972E-6
	-14.00000	-4.00000	-8.50000	-1.1515	-8.9310	-224.79E-6	-0.91751	10.576E-6
	-13.00000	-4.00000	-8.50000	-1.3115	-8.9310	-269.02E-6	-1.0037	11.570E-6
	-12.00000	-4.00000	-8.50000	-1.4856	-8.9310	-324.84E-6	-1.1016	12.697E-6
	-11.00000	-4.00000	-8.50000	-1.6753	-8.9310	-396.20E-6	-1.2134	13.984E-6
	-10.00000	-4.00000	-8.50000	-1.8820	-8.9310	-488.74E-6	-1.3418	15.462E-6
	-9.00000	-4.00000	-8.50000	-2.1075	-8.9310	-610.66E-6	-1.4903	17.170E-6
	-8.00000	-4.00000	-8.50000	-2.3536	-8.9310	-774.11E-6	-1.6633	19.160E-6
	-7.00000	-4.00000	-8.50000	-2.6223	-8.9310	-997.58E-6	-1.8665	21.497E-6
	-6.00000	-4.00000	-8.50000	-2.9160	-8.9310	-0.0013097	-2.1074	24.265E-6
	-5.00000	-4.00000	-8.50000	-3.2372	-8.9310	-0.0017557	-2.3957	27.576E-6
	-4.00000	-4.00000	-8.50000	-3.5883	-8.9310	-0.0024086	-2.7440	31.571E-6
	-3.00000	-4.00000	-8.50000	-3.9717	-8.9310	-0.0033861	-3.1685	36.434E-6
	-2.00000	-4.00000	-8.50000	-4.3895	-8.9310	-0.0048754	-3.6889	42.385E-6
	-1.00000	-4.00000	-8.50000	-4.8421	-8.9310	-0.0071522	-4.3261	49.658E-6
	0.00000	-4.00000	-8.50000	-5.3274	-8.9310	-0.010547	-5.0956	58.416E-6
	1.00000	-4.00000	-8.50000	-5.8386	-8.9310	-0.015245	-5.9911	68.585E-6
	2.00000	-4.00000	-8.50000	-6.3636	-8.9310	-0.020910	-6.9675	79.652E-6
	3.00000	-4.00000	-8.50000	-6.8857	-8.9310	-0.026575	-7.9428	90.706E-6
	4.00000	-4.00000	-8.50000	-7.3885	-8.9310	-0.031272	-8.8347	100.83E-6
	5.00000	-4.00000	-8.50000	-7.8594	-8.9310	-0.034665	-9.5980	109.52E-6
	6.00000	-4.00000	-8.50000	-8.2920	-8.9310	-0.036940	-10.227	116.69E-6
	7.00000	-4.00000	-8.50000	-8.6840	-8.9310	-0.038426	-10.736	122.52E-6
	8.00000	-4.00000	-8.50000	-9.0357	-8.9310	-0.039400	-11.147	127.22E-6
	9.00000	-4.00000	-8.50000	-9.3490	-8.9310	-0.040048	-11.479	131.03E-6
	10.00000	-4.00000	-8.50000	-9.6262	-8.9310	-0.040489	-11.748	134.13E-6
	11.00000	-4.00000	-8.50000	-9.8695	-8.9310	-0.040795	-11.968	136.64E-6
	12.00000	-4.00000	-8.50000	-10.081	-8.9310	-0.041012	-12.146	138.70E-6
	13.00000	-4.00000	-8.50000	-10.263	-8.9310	-0.041166	-12.291	140.36E-6
	14.00000	-4.00000	-8.50000	-10.418	-8.9310	-0.041281	-12.409	141.71E-6
	15.00000	-4.00000	-8.50000	-10.546	-8.9310	-0.041363	-12.502	142.79E-6
	16.00000	-4.00000	-8.50000	-10.649	-8.9310	-0.041422	-12.575	143.62E-6
	17.00000	-4.00000	-8.50000	-10.727	-8.9310	-0.041464	-12.629	144.25E-6
	18.00000	-4.00000	-8.50000	-10.783	-8.9310	-0.041492	-12.666	144.68E-6
	19.00000	-4.00000	-8.50000	-10.815	-8.9310	-0.041507	-12.688	144.93E-6
	20.00000	-4.00000	-8.50000	-10.825	-8.9310	-0.041512	-12.695	145.01E-6
	21.00000	-4.00000	-8.50000	-10.812	-8.9310	-0.041507	-12.686	144.91E-6
	22.00000	-4.00000	-8.50000	-10.776	-8.9310	-0.041491	-12.663	144.64E-6
	23.00000	-4.00000	-8.50000	-10.718	-8.9310	-0.041462	-12.624	144.19E-6
	24.00000	-4.00000	-8.50000	-10.636	-8.9310	-0.041420	-12.568	143.55E-6
	25.00000	-4.00000	-8.50000	-10.530	-8.9310	-0.041360	-12.494	142.70E-6
	26.00000	-4.00000	-8.50000	-10.399	-8.9310	-0.041277	-12.399	141.60E-6
	27.00000	-4.00000	-8.50000	-10.242	-8.9310	-0.041163	-12.280	140.24E-6
	28.00000	-4.00000	-8.50000	-10.057	-8.9310	-0.041007	-12.133	138.55E-6
	29.00000	-4.00000	-8.50000	-9.8417	-8.9310	-0.040789	-11.953	136.48E-6
	30.00000	-4.00000	-8.50000	-9.5953	-8.9310	-0.040482	-11.732	133.94E-6
	31.00000	-4.00000	-8.50000	-9.3153	-8.9310	-0.040040	-11.461	130.83E-6
	32.00000	-4.00000	-8.50000	-8.9991	-8.9310	-0.039391	-11.128	127.00E-6
	33.00000	-4.00000	-8.50000	-8.6447	-8.9310	-0.038416	-10.715	122.28E-6
	34.00000	-4.00000	-8.50000	-8.2503	-8.9310	-0.036929	-10.205	116.44E-6
	35.00000	-4.00000	-8.50000	-7.8154	-8.9310	-0.034654	-9.5747	109.25E-6
	36.00000	-4.00000	-8.50000	-7.3424	-8.9310	-0.031261	-8.8103	100.55E-6
	37.00000	-4.00000	-8.50000	-6.8380	-8.9310	-0.026563	-7.9174	90.415E-6
	38.00000	-4.00000	-8.50000	-6.3144	-8.9310	-0.020898	-6.9415	79.353E-6
	39.00000	-4.00000	-8.50000	-5.7882	-8.9310	-0.015233	-5.9646	68.279E-6
	40.00000	-4.00000	-8.50000	-5.2762	-8.9310	-0.010534	-5.0687	58.107E-6
	41.00000	-4.00000	-8.50000	-4.7905	-8.9310	-0.0071399	-4.2992	49.348E-6
	42.00000	-4.00000	-8.50000	-4.3377	-8.9310	-0.0048633	-3.6621	42.077E-6
	43.00000	-4.00000	-8.50000	-3.9201	-8.9310	-0.0033744	-3.1421	36.130E-6
	44.00000	-4.00000	-8.50000	-3.5371	-8.9310	-0.0023973	-2.7181	31.273E-6
	45.00000	-4.00000	-8.50000	-3.1867	-8.9310	-0.0017449	-2.3705	27.285E-6
	46.00000	-4.00000	-8.50000	-2.8666	-8.9310	-0.0012995	-2.0830	23.984E-6
	47.00000	-4.00000	-8.50000	-2.5741	-8.9310	-988.01E-6	-1.8430	21.226E-6
	48.00000	-4.00000	-8.50000	-2.3067	-8.9310	-765.21E-6	-1.6408	18.901E-6
	49.00000	-4.00000	-8.50000	-2.0622	-8.9310	-602.42E-6	-1.4688	16.923E-6
	50.00000	-4.00000	-8.50000	-1.8384	-8.9310	-481.17E-6	-1.3214	15.227E-6
	51.00000	-4.00000	-8.50000	-1.6334	-8.9310	-389.28E-6	-1.1942	13.762E-6
	52.00000	-4.00000	-8.50000	-1.4455	-8.9310	-318.54E-6	-1.0836	12.489E-6
	53.00000	-4.00000	-8.50000	-1.2732	-8.9310	-263.31E-6	-0.98677	11.374E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	54.00000	-4.00000	-8.50000	-1.1152	-8.9310	-219.64E-6	-0.90164	10.394E-6
	55.00000	-4.00000	-8.50000	-0.97010	-8.9310	-184.71E-6	-0.82638	9.5265E-6
	56.00000	-4.00000	-8.50000	-0.83692	-8.9310	-156.48E-6	-0.75953	8.7564E-6
	57.00000	-4.00000	-8.50000	-0.71463	-8.9310	-133.46E-6	-0.69991	8.0693E-6
	58.00000	-4.00000	-8.50000	-0.60234	-8.9310	-114.52E-6	-0.64652	7.4541E-6
	59.00000	-4.00000	-8.50000	-0.49924	-8.9310	-98.821E-6	-0.59854	6.9012E-6
	60.00000	-4.00000	-8.50000	-0.40459	-8.9310	-85.708E-6	-0.55528	6.4026E-6
	-20.00000	-3.00000	-8.50000	-0.47655	-8.9310	-94.189E-6	-0.58612	6.7581E-6
	-19.00000	-3.00000	-8.50000	-0.57829	-8.9310	-108.88E-6	-0.63296	7.2979E-6
	-18.00000	-3.00000	-8.50000	-0.68919	-8.9310	-126.52E-6	-0.68504	7.8981E-6
	-17.00000	-3.00000	-8.50000	-0.81008	-8.9310	-147.88E-6	-0.74315	8.5677E-6
	-16.00000	-3.00000	-8.50000	-0.94188	-8.9310	-173.96E-6	-0.80823	9.3175E-6
	-15.00000	-3.00000	-8.50000	-1.0856	-8.9310	-206.08E-6	-0.88142	10.161E-6
	-14.00000	-3.00000	-8.50000	-1.2424	-8.9310	-246.05E-6	-0.96414	11.114E-6
	-13.00000	-3.00000	-8.50000	-1.4135	-8.9310	-296.39E-6	-1.0581	12.196E-6
	-12.00000	-3.00000	-8.50000	-1.6003	-8.9310	-360.58E-6	-1.1654	13.431E-6
	-11.00000	-3.00000	-8.50000	-1.8046	-8.9310	-443.66E-6	-1.2888	14.852E-6
	-10.00000	-3.00000	-8.50000	-2.0281	-8.9310	-552.94E-6	-1.4317	16.497E-6
	-9.00000	-3.00000	-8.50000	-2.2730	-8.9310	-699.42E-6	-1.5986	18.417E-6
	-8.00000	-3.00000	-8.50000	-2.5417	-8.9310	-899.98E-6	-1.7953	20.679E-6
	-7.00000	-3.00000	-8.50000	-2.8370	-8.9310	-0.0011814	-2.0297	23.373E-6
	-6.00000	-3.00000	-8.50000	-3.1621	-8.9310	-0.0015874	-2.3124	26.620E-6
	-5.00000	-3.00000	-8.50000	-3.5208	-8.9310	-0.0021924	-2.6581	30.588E-6
	-4.00000	-3.00000	-8.50000	-3.9172	-8.9310	-0.0031272	-3.0876	35.510E-6
	-3.00000	-3.00000	-8.50000	-4.3561	-8.9310	-0.0046314	-3.6304	41.719E-6
	-2.00000	-3.00000	-8.50000	-4.8422	-8.9310	-0.0071547	-4.3280	49.680E-6
	-1.00000	-3.00000	-8.50000	-5.3794	-8.9310	-0.011540	-5.2369	60.012E-6
	0.00000	-3.00000	-8.50000	-5.9687	-8.9310	-0.019221	-6.4211	73.408E-6
	1.00000	-3.00000	-8.50000	-6.6039	-8.9310	-0.031862	-7.9156	90.209E-6
	2.00000	-3.00000	-8.50000	-7.2665	-8.9310	-0.049089	-9.6407	109.51E-6
	3.00000	-3.00000	-8.50000	-7.9261	-8.9310	-0.066315	-11.365	128.80E-6
	4.00000	-3.00000	-8.50000	-8.5523	-8.9310	-0.078955	-12.855	145.56E-6
	5.00000	-3.00000	-8.50000	-9.1264	-8.9310	-0.086635	-14.033	158.88E-6
	6.00000	-3.00000	-8.50000	-9.6424	-8.9310	-0.091017	-14.932	169.11E-6
	7.00000	-3.00000	-8.50000	-10.101	-8.9310	-0.093537	-15.618	176.93E-6
	8.00000	-3.00000	-8.50000	-10.506	-8.9310	-0.095037	-16.146	182.97E-6
	9.00000	-3.00000	-8.50000	-10.863	-8.9310	-0.095966	-16.558	187.69E-6
	10.00000	-3.00000	-8.50000	-11.175	-8.9310	-0.096565	-16.884	191.42E-6
	11.00000	-3.00000	-8.50000	-11.446	-8.9310	-0.096965	-17.143	194.40E-6
	12.00000	-3.00000	-8.50000	-11.681	-8.9310	-0.097239	-17.351	196.79E-6
	13.00000	-3.00000	-8.50000	-11.882	-8.9310	-0.097431	-17.518	198.71E-6
	14.00000	-3.00000	-8.50000	-12.052	-8.9310	-0.097567	-17.651	200.25E-6
	15.00000	-3.00000	-8.50000	-12.192	-8.9310	-0.097665	-17.757	201.46E-6
	16.00000	-3.00000	-8.50000	-12.305	-8.9310	-0.097735	-17.839	202.40E-6
	17.00000	-3.00000	-8.50000	-12.390	-8.9310	-0.097783	-17.899	203.10E-6
	18.00000	-3.00000	-8.50000	-12.450	-8.9310	-0.097815	-17.941	203.58E-6
	19.00000	-3.00000	-8.50000	-12.486	-8.9310	-0.097834	-17.965	203.86E-6
	20.00000	-3.00000	-8.50000	-12.496	-8.9310	-0.097839	-17.973	203.94E-6
	21.00000	-3.00000	-8.50000	-12.482	-8.9310	-0.097833	-17.963	203.84E-6
	22.00000	-3.00000	-8.50000	-12.444	-8.9310	-0.097814	-17.937	203.54E-6
	23.00000	-3.00000	-8.50000	-12.380	-8.9310	-0.097781	-17.894	203.04E-6
	24.00000	-3.00000	-8.50000	-12.291	-8.9310	-0.097732	-17.832	202.32E-6
	25.00000	-3.00000	-8.50000	-12.175	-8.9310	-0.097661	-17.748	201.36E-6
	26.00000	-3.00000	-8.50000	-12.032	-8.9310	-0.097562	-17.641	200.12E-6
	27.00000	-3.00000	-8.50000	-11.859	-8.9310	-0.097425	-17.505	198.57E-6
	28.00000	-3.00000	-8.50000	-11.654	-8.9310	-0.097232	-17.336	196.62E-6
	29.00000	-3.00000	-8.50000	-11.416	-8.9310	-0.096957	-17.126	194.21E-6
	30.00000	-3.00000	-8.50000	-11.140	-8.9310	-0.096557	-16.865	191.21E-6
	31.00000	-3.00000	-8.50000	-10.825	-8.9310	-0.095956	-16.538	187.45E-6
	32.00000	-3.00000	-8.50000	-10.465	-8.9310	-0.095026	-16.124	182.71E-6
	33.00000	-3.00000	-8.50000	-10.057	-8.9310	-0.093525	-15.594	176.65E-6
	34.00000	-3.00000	-8.50000	-9.5956	-8.9310	-0.091004	-14.906	168.81E-6
	35.00000	-3.00000	-8.50000	-9.0771	-8.9310	-0.086621	-14.005	158.56E-6
	36.00000	-3.00000	-8.50000	-8.5006	-8.9310	-0.078941	-12.826	145.23E-6
	37.00000	-3.00000	-8.50000	-7.8724	-8.9310	-0.066300	-11.335	128.46E-6
	38.00000	-3.00000	-8.50000	-7.2112	-8.9310	-0.049073	-9.6101	109.16E-6
	39.00000	-3.00000	-8.50000	-6.5473	-8.9310	-0.031847	-7.8844	89.850E-6
	40.00000	-3.00000	-8.50000	-5.9112	-8.9310	-0.019205	-6.3896	73.045E-6
	41.00000	-3.00000	-8.50000	-5.3214	-8.9310	-0.011524	-5.2054	59.649E-6
	42.00000	-3.00000	-8.50000	-4.7841	-8.9310	-0.0071394	-4.2967	49.319E-6
	43.00000	-3.00000	-8.50000	-4.2983	-8.9310	-0.0046165	-3.5995	41.363E-6
	44.00000	-3.00000	-8.50000	-3.8600	-8.9310	-0.0031130	-3.0574	35.162E-6
	45.00000	-3.00000	-8.50000	-3.4645	-8.9310	-0.0021789	-2.6288	30.250E-6
	46.00000	-3.00000	-8.50000	-3.1070	-8.9310	-0.0015747	-2.2841	26.295E-6
	47.00000	-3.00000	-8.50000	-2.7834	-8.9310	-0.0011696	-2.0026	23.061E-6
	48.00000	-3.00000	-8.50000	-2.4897	-8.9310	-889.05E-6	-1.7695	20.381E-6
	49.00000	-3.00000	-8.50000	-2.2229	-8.9310	-689.38E-6	-1.5741	18.134E-6
	50.00000	-3.00000	-8.50000	-1.9800	-8.9310	-543.77E-6	-1.4086	16.230E-6
	51.00000	-3.00000	-8.50000	-1.7585	-8.9310	-435.32E-6	-1.2670	14.601E-6
	52.00000	-3.00000	-8.50000	-1.5564	-8.9310	-353.05E-6	-1.1450	13.196E-6
	53.00000	-3.00000	-8.50000	-1.3717	-8.9310	-289.60E-6	-1.0390	11.976E-6
	54.00000	-3.00000	-8.50000	-1.2027	-8.9310	-239.97E-6	-0.94639	10.909E-6
	55.00000	-3.00000	-8.50000	-1.0481	-8.9310	-200.63E-6	-0.86494	9.9708E-6
	56.00000	-3.00000	-8.50000	-0.90652	-8.9310	-169.10E-6	-0.79294	9.1413E-6
	57.00000	-3.00000	-8.50000	-0.77680	-8.9310	-143.56E-6	-0.72900	8.4046E-6
	58.00000	-3.00000	-8.50000	-0.65791	-8.9310	-122.68E-6	-0.67197	7.7474E-6
	59.00000	-3.00000	-8.50000	-0.54895	-8.9310	-105.46E-6	-0.62089	7.1588E-6
	60.00000	-3.00000	-8.50000	-0.44908	-8.9310	-91.157E-6	-0.57500	6.6299E-6
	-20.00000	-2.00000	-8.50000	-0.52274	-8.9310	-100.13E-6	-0.60676	6.9960E-6
	-19.00000	-2.00000	-8.50000	-0.62992	-8.9310	-116.12E-6	-0.65641	7.5682E-6
	-18.00000	-2.00000	-8.50000	-0.74695	-8.9310	-135.42E-6	-0.71179	8.2063E-6
	-17.00000	-2.00000	-8.50000	-0.87473	-8.9310	-158.90E-6	-0.77377	8.9206E-6
	-16.00000	-2.00000	-8.50000	-1.0143	-8.9310	-187.71E-6	-0.84346	9.7234E-6
	-15.00000	-2.00000	-8.50000	-1.1668	-8.9310	-223.44E-6	-0.92215	10.630E-6
	-14.00000	-2.00000	-8.50000	-1.3336	-8.9310	-268.23E-6	-1.0115	11.659E-6
	-13.00000	-2.00000	-8.50000	-1.5161	-8.9310	-325.08E-6	-1.1134	12.833E-6
	-12.00000	-2.00000	-8.50000	-1.7160	-8.9310	-398.27E-6	-1.2306	14.182E-6
	-11.00000	-2.00000	-8.50000	-1.9352	-8.9310	-494.05E-6	-1.3662	15.743E-6
	-10.00000	-2.00000	-8.50000	-2.1761	-8.9310	-621.72E-6	-1.5245	17.565E-6
	-9.00000	-2.00000	-8.50000	-2.4411	-8.9310	-795.56E-6	-1.7111	19.711E-6
	-8.00000	-2.00000	-8.50000	-2.7334	-8.9310	-0.0010383	-1.9334	22.268E-6
	-7.00000	-2.00000	-8.50000	-3.0566	-8.9310	-0.0013871	-2.2020	25.354E-6
	-6.00000	-2.00000	-8.50000	-3.4152	-8.9310	-0.0019062	-2.5314	29.136E-6
	-5.00000	-2.00000	-8.50000	-3.8144	-8.9310	-0.0027112	-2.9432	33.858E-6
	-4.00000	-2.00000	-8.50000	-4.2606	-8.9310	-0.0040240	-3.4696	39.885E-6
	-3.00000	-2.00000	-8.50000	-4.7619	-8.9310	-0.0063002	-4.1612	47.785E-6
	-2.00000	-2.00000	-8.50000	-5.3277	-8.9310	-0.010553	-5.1002	58.469E-6
	-1.00000	-2.00000	-8.50000	-5.9690	-8.9310	-0.019225	-6.4239	73.439E-6
	0.00

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	33.00000	-2.00000	-8.50000	-11.887	-8.9310	-0.31540	-25.628	284.73E-6
	34.00000	-2.00000	-8.50000	-11.347	-8.9310	-0.31115	-24.700	274.17E-6
	35.00000	-2.00000	-8.50000	-10.726	-8.9310	-0.30248	-23.385	259.29E-6
	36.00000	-2.00000	-8.50000	-10.012	-8.9310	-0.28320	-21.457	237.72E-6
	37.00000	-2.00000	-8.50000	-9.2039	-8.9310	-0.23951	-18.624	206.55E-6
	38.00000	-2.00000	-8.50000	-8.3271	-8.9310	-0.16084	-14.891	166.21E-6
	39.00000	-2.00000	-8.50000	-7.4476	-8.9310	-0.082176	-11.157	125.86E-6
	40.00000	-2.00000	-8.50000	-6.6314	-8.9310	-0.038487	-8.3205	94.652E-6
	41.00000	-2.00000	-8.50000	-5.9037	-8.9310	-0.019205	-6.3867	73.011E-6
	42.00000	-2.00000	-8.50000	-5.2624	-8.9310	-0.0105533	-5.0633	58.044E-6
	43.00000	-2.00000	-8.50000	-4.6970	-8.9310	-0.0062814	-4.1250	47.367E-6
	44.00000	-2.00000	-8.50000	-4.1965	-8.9310	-0.0040060	-3.4343	39.478E-6
	45.00000	-2.00000	-8.50000	-3.7514	-8.9310	-0.0026942	-2.9090	33.464E-6
	46.00000	-2.00000	-8.50000	-3.3538	-8.9310	-0.0018903	-2.4986	28.758E-6
	47.00000	-2.00000	-8.50000	-2.9970	-8.9310	-0.0013724	-2.1706	24.992E-6
	48.00000	-2.00000	-8.50000	-2.6758	-8.9310	-0.0010248	-1.9037	21.925E-6
	49.00000	-2.00000	-8.50000	-2.3857	-8.9310	-783.25E-6	-1.6830	19.387E-6
	50.00000	-2.00000	-8.50000	-2.1230	-8.9310	-610.55E-6	-1.4981	17.261E-6
	51.00000	-2.00000	-8.50000	-1.8846	-8.9310	-483.98E-6	-1.3415	15.459E-6
	52.00000	-2.00000	-8.50000	-1.6678	-8.9310	-389.24E-6	-1.2076	13.917E-6
	53.00000	-2.00000	-8.50000	-1.4704	-8.9310	-317.00E-6	-1.0920	12.586E-6
	54.00000	-2.00000	-8.50000	-1.2904	-8.9310	-261.03E-6	-0.99161	11.430E-6
	55.00000	-2.00000	-8.50000	-1.1261	-8.9310	-217.05E-6	-0.90378	10.418E-6
	56.00000	-2.00000	-8.50000	-0.97599	-8.9310	-182.05E-6	-0.82650	9.5280E-6
	57.00000	-2.00000	-8.50000	-0.83876	-8.9310	-153.88E-6	-0.75815	8.7405E-6
	58.00000	-2.00000	-8.50000	-0.71323	-8.9310	-130.99E-6	-0.69741	8.0406E-6
	59.00000	-2.00000	-8.50000	-0.59838	-8.9310	-112.21E-6	-0.64320	7.4159E-6
	60.00000	-2.00000	-8.50000	-0.49328	-8.9310	-96.680E-6	-0.59462	6.8561E-6
	-20.00000	-1.00000	-8.50000	-0.56849	-8.9310	-106.16E-6	-0.62728	7.2325E-6
	-19.00000	-1.00000	-8.50000	-0.68112	-8.9310	-123.48E-6	-0.67978	7.8375E-6
	-18.00000	-1.00000	-8.50000	-0.80428	-8.9310	-144.49E-6	-0.73849	8.5140E-6
	-17.00000	-1.00000	-8.50000	-0.93898	-8.9310	-170.15E-6	-0.80442	9.2737E-6
	-16.00000	-1.00000	-8.50000	-1.0864	-8.9310	-201.81E-6	-0.87879	10.131E-6
	-15.00000	-1.00000	-8.50000	-1.2478	-8.9310	-241.29E-6	-0.96309	11.102E-6
	-14.00000	-1.00000	-8.50000	-1.4246	-8.9310	-291.09E-6	-1.0592	12.208E-6
	-13.00000	-1.00000	-8.50000	-1.6187	-8.9310	-354.77E-6	-1.1694	13.478E-6
	-12.00000	-1.00000	-8.50000	-1.8318	-8.9310	-437.44E-6	-1.2967	14.944E-6
	-11.00000	-1.00000	-8.50000	-2.0663	-8.9310	-546.68E-6	-1.4450	16.650E-6
	-10.00000	-1.00000	-8.50000	-2.3248	-8.9310	-693.97E-6	-1.6193	18.656E-6
	-9.00000	-1.00000	-8.50000	-2.6105	-8.9310	-897.34E-6	-1.8265	21.039E-6
	-8.00000	-1.00000	-8.50000	-2.9271	-8.9310	-0.0011861	-2.0759	23.906E-6
	-7.00000	-1.00000	-8.50000	-3.2793	-8.9310	-0.0016100	-2.3809	27.410E-6
	-6.00000	-1.00000	-8.50000	-3.6727	-8.9310	-0.0022580	-2.7610	31.773E-6
	-5.00000	-1.00000	-8.50000	-4.1146	-8.9310	-0.0032993	-3.2459	37.329E-6
	-4.00000	-1.00000	-8.50000	-4.6142	-8.9310	-0.0050814	-3.8827	44.614E-6
	-3.00000	-1.00000	-8.50000	-5.1837	-8.9310	-0.0083916	-4.7517	54.524E-6
	-2.00000	-1.00000	-8.50000	-5.8396	-8.9310	-0.015256	-5.9994	68.680E-6
	-1.00000	-1.00000	-8.50000	-6.6049	-8.9310	-0.031871	-7.9222	90.285E-6
	0.00000	-1.00000	-8.50000	-7.5121	-8.9310	-0.082201	-11.198	126.33E-6
	1.00000	-1.00000	-8.50000	-8.6020	-8.9310	-0.28792	-17.551	192.51E-6
	2.00000	-1.00000	-8.50000	-9.8765	-8.9310	-1.1068	-29.772	305.14E-6
	3.00000	-1.00000	-8.50000	-11.148	-8.9310	-1.9257	-41.991	417.75E-6
	4.00000	-1.00000	-8.50000	-12.227	-8.9310	-2.1315	-48.340	483.87E-6
	5.00000	-1.00000	-8.50000	-13.117	-8.9310	-2.1818	-51.607	519.82E-6
	6.00000	-1.00000	-8.50000	-13.859	-8.9310	-2.1984	-53.519	541.30E-6
	7.00000	-1.00000	-8.50000	-14.483	-8.9310	-2.2053	-54.752	555.29E-6
	8.00000	-1.00000	-8.50000	-15.015	-8.9310	-2.2086	-55.604	565.00E-6
	9.00000	-1.00000	-8.50000	-15.470	-8.9310	-2.2103	-56.221	572.05E-6
	10.00000	-1.00000	-8.50000	-15.859	-8.9310	-2.2114	-56.682	577.34E-6
	11.00000	-1.00000	-8.50000	-16.193	-8.9310	-2.2120	-57.035	581.39E-6
	12.00000	-1.00000	-8.50000	-16.478	-8.9310	-2.2124	-57.310	584.54E-6
	13.00000	-1.00000	-8.50000	-16.719	-8.9310	-2.2127	-57.525	587.02E-6
	14.00000	-1.00000	-8.50000	-16.921	-8.9310	-2.2129	-57.694	588.96E-6
	15.00000	-1.00000	-8.50000	-17.086	-8.9310	-2.2130	-57.826	590.48E-6
	16.00000	-1.00000	-8.50000	-17.218	-8.9310	-2.2131	-57.927	591.64E-6
	17.00000	-1.00000	-8.50000	-17.319	-8.9310	-2.2132	-58.001	592.49E-6
	18.00000	-1.00000	-8.50000	-17.389	-8.9310	-2.2132	-58.052	593.08E-6
	19.00000	-1.00000	-8.50000	-17.430	-8.9310	-2.2133	-58.081	593.41E-6
	20.00000	-1.00000	-8.50000	-17.442	-8.9310	-2.2133	-58.090	593.52E-6
	21.00000	-1.00000	-8.50000	-17.426	-8.9310	-2.2133	-58.079	593.39E-6
	22.00000	-1.00000	-8.50000	-17.381	-8.9310	-2.2132	-58.047	593.02E-6
	23.00000	-1.00000	-8.50000	-17.307	-8.9310	-2.2132	-57.994	592.41E-6
	24.00000	-1.00000	-8.50000	-17.202	-8.9310	-2.2131	-57.917	591.53E-6
	25.00000	-1.00000	-8.50000	-17.066	-8.9310	-2.2130	-57.814	590.35E-6
	26.00000	-1.00000	-8.50000	-16.896	-8.9310	-2.2129	-57.680	588.80E-6
	27.00000	-1.00000	-8.50000	-16.690	-8.9310	-2.2127	-57.508	586.83E-6
	28.00000	-1.00000	-8.50000	-16.444	-8.9310	-2.2124	-57.290	584.32E-6
	29.00000	-1.00000	-8.50000	-16.155	-8.9310	-2.2120	-57.013	581.14E-6
	30.00000	-1.00000	-8.50000	-15.817	-8.9310	-2.2114	-56.657	577.05E-6
	31.00000	-1.00000	-8.50000	-15.423	-8.9310	-2.2103	-56.193	571.73E-6
	32.00000	-1.00000	-8.50000	-14.964	-8.9310	-2.2086	-55.574	564.65E-6
	33.00000	-1.00000	-8.50000	-14.428	-8.9310	-2.2052	-54.719	554.91E-6
	34.00000	-1.00000	-8.50000	-13.800	-8.9310	-2.1984	-53.483	540.89E-6
	35.00000	-1.00000	-8.50000	-13.055	-8.9310	-2.1818	-51.569	519.38E-6
	36.00000	-1.00000	-8.50000	-12.162	-8.9310	-2.1314	-48.299	483.41E-6
	37.00000	-1.00000	-8.50000	-11.079	-8.9310	-1.9257	-41.949	417.27E-6
	38.00000	-1.00000	-8.50000	-9.8060	-8.9310	-1.1068	-29.729	304.64E-6
	39.00000	-1.00000	-8.50000	-8.5299	-8.9310	-0.28789	-17.508	192.00E-6
	40.00000	-1.00000	-8.50000	-7.4389	-8.9310	-0.082175	-11.153	125.82E-6
	41.00000	-1.00000	-8.50000	-6.5312	-8.9310	-0.031845	-7.8780	89.776E-6
	42.00000	-1.00000	-8.50000	-5.7660	-8.9310	-0.015231	-5.9557	68.177E-6
	43.00000	-1.00000	-8.50000	-5.1106	-8.9310	-0.0083673	-4.7088	54.030E-6
	44.00000	-1.00000	-8.50000	-4.5422	-8.9310	-0.0050584	-3.8411	44.135E-6
	45.00000	-1.00000	-8.50000	-4.0441	-8.9310	-0.0032778	-3.2058	36.868E-6
	46.00000	-1.00000	-8.50000	-3.6041	-8.9310	-0.0022380	-2.7227	31.331E-6
	47.00000	-1.00000	-8.50000	-3.2129	-8.9310	-0.0015916	-2.3445	26.991E-6
	48.00000	-1.00000	-8.50000	-2.8631	-8.9310	-0.0011693	-2.0415	23.510E-6
	49.00000	-1.00000	-8.50000	-2.5491	-8.9310	-882.16E-6	-1.7942	20.666E-6
	50.00000	-1.00000	-8.50000	-2.2662	-8.9310	-680.32E-6	-1.5891	18.308E-6
	51.00000	-1.00000	-8.50000	-2.0106	-8.9310	-534.47E-6	-1.4169	16.326E-6
	52.00000	-1.00000	-8.50000	-1.7790	-8.9310	-426.57E-6	-1.2706	14.643E-6
	53.00000	-1.00000	-8.50000	-1.5687	-8.9310	-345.13E-6	-1.1453	13.200E-6
	54.00000	-1.00000	-8.50000	-1.3776	-8.9310	-282.57E-6	-1.0369	11.952E-6
	55.00000	-1.00000	-8.50000	-1.2035	-8.9310	-233.77E-6	-0.94261	10.866E-6
	56.00000	-1.00000	-8.50000	-1.0449	-8.9310	-195.20E-6	-0.85997	9.9139E-6
	57.00000	-1.00000	-8.50000	-0.90013	-8.9310	-164.34E-6	-0.78716	9.0748E-6
	58.00000	-1.00000	-8.50000	-0.76798	-8.9310	-139.38E-6	-0.72268	8.3318E-6
	59.00000	-1.00000	-8.50000	-0.64725	-8.9310	-119.01E-6	-0.66530	7.6707E-6
	60.00000	-1.00000	-8.50000	-0.53694	-8.9310	-102.23E-6	-0.61405	7.0800E-6
	-20.00000	0.00000	-8.50000	-0.61355	-8.9310	-112.23E-6	-0.64757	7.4663E-6
	-19.00000	0.00000	-8.50000	-0.73159	-8.9310	-130.92E-6	-0.70292	8.1041E-6
	-18.00000	0.00000	-8.50000	-0.86085	-8.9310	-153.66E-6	-0.76499	8.8194E-6
	-17.00000	0.00000	-8.50000	-1.0024	-8.9310	-181.56E-6	-0.83489	9.6248E-6
	-16.00000	0.00000	-8.50000	-1.1577	-8.9310	-216.13E-6	-0.91399	10.536E-6
	-15.00000	0.00000	-8.50000	-1.3279	-8.9310	-259.45E-6	-1.0040	11.573E-6
	-14.00000	0.00000	-8.50000	-1.5149	-8.9310	-314.40E-6	-1.1069	12.758E-6
	-13.00000	0.00000	-8.50000	-1.7205	-8.9310	-385.10E-6	-1.2255	14.124E-6
	-12.00000	0.00000	-8.50000	-1.9469	-8.9310	-477.55E-6	-1.3632	15.709E-6
	-11.00000	0.00000	-8.50000	-2.1968	-8.9310	-600.69E-6	-1.5243	17.564E-6
	-10.00000	0.00000	-8.50000	-2.4731	-8.9310	-768.34E-6	-1.7150	19.758E-6
	-9.00000	0.00000	-8.50000	-2.7797	-8.9310	-0.0010025	-1.9433	22.383E-6
	-8.00000	0.00000	-8.50000	-3.1210	-8.9310	-0.0013396	-2.2207	25.573E-6
	-7.00000	0.00000	-8.50000	-3.5026	-8.9310	-0.0018429	-2.5635	29.508E-6
	-6.00000	0.00000	-8.50000	-3.9317	-8.9310	-0.0026292	-2.9964	34.475E-6
	-5.00000	0.00000	-8.50000	-4.4175	-8.9310	-0.0039284	-3.5583	40.912E-6
	-4.00000	0.00000	-8.50000	-4.9724	-8.9310	-0.0062374	-4.3135	49.544E-6
	-3.00000	0.00000	-8.50000	-5.6134	-8.9310	-0.010761	-5.3778	61.664E-6
	-2.00000	0.00000	-8.50000	-6.3657	-8.9310	-0.020928	-6.9809	79.806E-6
	-1.00000	0.00000	-8.50000	-7.2687	-8.9310	-0.049105	-9.6526	109.65E-6
	0.00000	0.00000	-8.50000	-8.3914	-8.9310	-0.16088	-14.936	166.73E-6
	1.00000	0.00000	-8.50000	-9.8777	-8.9310	-1.1068	-29.777	305.20E-6
	2.00000	0.00000	-8.50000	-12.553	-8.9310	-40.000	-118.65	-15.527E-6
	3.00000	0.00000	-8.50000	-15.225	-8.9310	-78.893	-207.53	-336.27E-6
	4.00000	0.00000	-8.50000	-16.701	-8.9310	-79.839	-222.36	-197.87E-6
	5.00000	0.00000	-8.50000	-17.805	-8.9310	-79.951	-227.64	-140.89E-6
	6.00000	0.00000	-8.50000	-18.682	-8.9310	-79.979	-230.30	-111.18E-6
	7.00000	0.00000	-8.50000	-19.402	-8.9310	-79.989	-231.89	-93.223E-6
	8.00000	0.00000	-8.50000	-20.002	-8.9310	-79.994	-232.93	-81.321E-6
	9.00000	0.00000	-8.50000	-20.509	-8.9310	-79.996	-233.66	-72.946E-6
	10.00000	0.00000	-8.50000	-20.940	-8.9310	-79.997	-234.20	-66.805E-6
	11.00000	0.00000	-8.50000	-21.306	-8.9310	-79.998	-234.60	-62.173E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	12.00000	0.00000	-8.50000	-21.616	-8.9310	-79.999	-234.91	-58.613E-6
	13.00000	0.00000	-8.50000	-21.878	-8.9310	-79.999	-235.16	-55.847E-6
	14.00000	0.00000	-8.50000	-22.096	-8.9310	-79.999	-235.34	-53.691E-6
	15.00000	0.00000	-8.50000	-22.274	-8.9310	-79.999	-235.49	-52.020E-6
	16.00000	0.00000	-8.50000	-22.416	-8.9310	-79.999	-235.60	-50.747E-6
	17.00000	0.00000	-8.50000	-22.524	-8.9310	-79.999	-235.68	-49.812E-6
	18.00000	0.00000	-8.50000	-22.599	-8.9310	-79.999	-235.74	-49.175E-6
	19.00000	0.00000	-8.50000	-22.643	-8.9310	-79.999	-235.77	-48.808E-6
	20.00000	0.00000	-8.50000	-22.656	-8.9310	-79.999	-235.78	-48.697E-6
	21.00000	0.00000	-8.50000	-22.639	-8.9310	-79.999	-235.76	-48.837E-6
	22.00000	0.00000	-8.50000	-22.591	-8.9310	-79.999	-235.73	-49.233E-6
	23.00000	0.00000	-8.50000	-22.511	-8.9310	-79.999	-235.67	-49.900E-6
	24.00000	0.00000	-8.50000	-22.399	-8.9310	-79.999	-235.59	-50.865E-6
	25.00000	0.00000	-8.50000	-22.252	-8.9310	-79.999	-235.48	-52.170E-6
	26.00000	0.00000	-8.50000	-22.069	-8.9310	-79.999	-235.33	-53.876E-6
	27.00000	0.00000	-8.50000	-21.846	-8.9310	-79.999	-235.14	-56.067E-6
	28.00000	0.00000	-8.50000	-21.579	-8.9310	-79.999	-234.89	-58.871E-6
	29.00000	0.00000	-8.50000	-21.263	-8.9310	-79.998	-234.58	-62.469E-6
	30.00000	0.00000	-8.50000	-20.892	-8.9310	-79.997	-234.17	-67.141E-6
	31.00000	0.00000	-8.50000	-20.457	-8.9310	-79.996	-233.63	-73.322E-6
	32.00000	0.00000	-8.50000	-19.945	-8.9310	-79.994	-232.90	-81.737E-6
	33.00000	0.00000	-8.50000	-19.340	-8.9310	-79.989	-231.85	-93.677E-6
	34.00000	0.00000	-8.50000	-18.616	-8.9310	-79.979	-230.26	-111.67E-6
	35.00000	0.00000	-8.50000	-17.734	-8.9310	-79.951	-227.59	-141.41E-6
	36.00000	0.00000	-8.50000	-16.626	-8.9310	-79.839	-222.32	-198.42E-6
	37.00000	0.00000	-8.50000	-15.148	-8.9310	-78.893	-207.48	-336.85E-6
	38.00000	0.00000	-8.50000	-12.473	-8.9310	-40.000	-118.60	-16.122E-6
	39.00000	0.00000	-8.50000	-9.7959	-8.9310	-1.1068	-29.725	304.59E-6
	40.00000	0.00000	-8.50000	-8.3084	-8.9310	-0.16084	-14.883	166.12E-6
	41.00000	0.00000	-8.50000	-7.1852	-8.9310	-0.049071	-9.5997	109.04E-6
	42.00000	0.00000	-8.50000	-6.2824	-8.9310	-0.020895	-6.9287	79.205E-6
	43.00000	0.00000	-8.50000	-5.5309	-8.9310	-0.010729	-5.3268	61.078E-6
	44.00000	0.00000	-8.50000	-4.8913	-8.9310	-0.0062076	-4.2642	48.976E-6
	45.00000	0.00000	-8.50000	-4.3384	-8.9310	-0.0039007	-3.5110	40.367E-6
	46.00000	0.00000	-8.50000	-3.8549	-8.9310	-0.0026037	-2.9514	33.957E-6
	47.00000	0.00000	-8.50000	-3.4285	-8.9310	-0.0018197	-2.5210	29.018E-6
	48.00000	0.00000	-8.50000	-3.0498	-8.9310	-0.0013186	-2.1807	25.111E-6
	49.00000	0.00000	-8.50000	-2.7117	-8.9310	-983.66E-6	-1.9060	21.954E-6
	50.00000	0.00000	-8.50000	-2.4084	-8.9310	-751.57E-6	-1.6804	19.358E-6
	51.00000	0.00000	-8.50000	-2.1354	-8.9310	-585.83E-6	-1.4923	17.194E-6
	52.00000	0.00000	-8.50000	-1.8890	-8.9310	-464.43E-6	-1.3336	15.368E-6
	53.00000	0.00000	-8.50000	-1.6659	-8.9310	-373.57E-6	-1.1983	13.810E-6
	54.00000	0.00000	-8.50000	-1.4637	-8.9310	-304.29E-6	-1.0819	12.471E-6
	55.00000	0.00000	-8.50000	-1.2799	-8.9310	-250.60E-6	-0.98111	11.309E-6
	56.00000	0.00000	-8.50000	-1.1128	-8.9310	-208.40E-6	-0.89310	10.295E-6
	57.00000	0.00000	-8.50000	-0.96055	-8.9310	-174.81E-6	-0.81582	9.4051E-6
	58.00000	0.00000	-8.50000	-0.82181	-8.9310	-147.78E-6	-0.74760	8.6190E-6
	59.00000	0.00000	-8.50000	-0.69527	-8.9310	-125.80E-6	-0.68708	7.9216E-6
	60.00000	0.00000	-8.50000	-0.57980	-8.9310	-107.77E-6	-0.63314	7.3001E-6
	-20.00000	1.00000	-8.50000	-0.65764	-8.9310	-118.30E-6	-0.66750	7.6960E-6
	-19.00000	1.00000	-8.50000	-0.78103	-8.9310	-138.36E-6	-0.72569	8.3666E-6
	-18.00000	1.00000	-8.50000	-0.91632	-8.9310	-162.85E-6	-0.79111	9.1204E-6
	-17.00000	1.00000	-8.50000	-1.0647	-8.9310	-193.02E-6	-0.86498	9.9715E-6
	-16.00000	1.00000	-8.50000	-1.2277	-8.9310	-230.54E-6	-0.94881	10.937E-6
	-15.00000	1.00000	-8.50000	-1.4068	-8.9310	-277.74E-6	-1.0445	12.039E-6
	-14.00000	1.00000	-8.50000	-1.6038	-8.9310	-337.90E-6	-1.1543	13.304E-6
	-13.00000	1.00000	-8.50000	-1.8209	-8.9310	-415.70E-6	-1.2813	14.766E-6
	-12.00000	1.00000	-8.50000	-2.0605	-8.9310	-518.00E-6	-1.4293	16.470E-6
	-11.00000	1.00000	-8.50000	-2.3257	-8.9310	-655.18E-6	-1.6034	18.474E-6
	-10.00000	1.00000	-8.50000	-2.6198	-8.9310	-843.33E-6	-1.8106	20.857E-6
	-9.00000	1.00000	-8.50000	-2.9472	-8.9310	-0.0011084	-2.0601	23.726E-6
	-8.00000	1.00000	-8.50000	-3.3131	-8.9310	-0.0014940	-2.3654	27.235E-6
	-7.00000	1.00000	-8.50000	-3.7242	-8.9310	-0.0020771	-2.7461	31.606E-6
	-6.00000	1.00000	-8.50000	-4.1889	-8.9310	-0.0030018	-3.2320	37.180E-6
	-5.00000	1.00000	-8.50000	-4.7185	-8.9310	-0.0045593	-3.8710	44.498E-6
	-4.00000	1.00000	-8.50000	-5.3285	-8.9310	-0.0073954	-4.7448	54.479E-6
	-3.00000	1.00000	-8.50000	-6.0409	-8.9310	-0.013132	-6.0044	68.811E-6
	-2.00000	1.00000	-8.50000	-6.8895	-8.9310	-0.026603	-7.9629	90.938E-6
	-1.00000	1.00000	-8.50000	-7.9300	-8.9310	-0.066342	-11.384	129.02E-6
	0.00000	1.00000	-8.50000	-9.2681	-8.9310	-0.23955	-18.675	207.14E-6
	1.00000	1.00000	-8.50000	-11.151	-8.9310	-1.9258	-42.004	417.90E-6
	2.00000	1.00000	-8.50000	-15.227	-8.9310	-78.893	-207.54	-336.19E-6
	3.00000	1.00000	-8.50000	-19.299	-8.9310	-155.86	-373.07	-0.0010903
	4.00000	1.00000	-8.50000	-21.170	-8.9310	-157.55	-396.39	-879.61E-6
	5.00000	1.00000	-8.50000	-22.489	-8.9310	-157.72	-403.67	-801.60E-6
	6.00000	1.00000	-8.50000	-23.502	-8.9310	-157.76	-407.08	-763.68E-6
	7.00000	1.00000	-8.50000	-24.315	-8.9310	-157.77	-409.02	-741.75E-6
	8.00000	1.00000	-8.50000	-24.984	-8.9310	-157.78	-410.26	-727.66E-6
	9.00000	1.00000	-8.50000	-25.544	-8.9310	-157.78	-411.11	-717.96E-6
	10.00000	1.00000	-8.50000	-26.014	-8.9310	-157.78	-411.72	-710.97E-6
	11.00000	1.00000	-8.50000	-26.412	-8.9310	-157.78	-412.17	-705.76E-6
	12.00000	1.00000	-8.50000	-26.748	-8.9310	-157.78	-412.52	-701.80E-6
	13.00000	1.00000	-8.50000	-27.030	-8.9310	-157.79	-412.78	-698.74E-6
	14.00000	1.00000	-8.50000	-27.264	-8.9310	-157.79	-412.99	-696.38E-6
	15.00000	1.00000	-8.50000	-27.456	-8.9310	-157.79	-413.15	-694.55E-6
	16.00000	1.00000	-8.50000	-27.607	-8.9310	-157.79	-413.27	-693.17E-6
	17.00000	1.00000	-8.50000	-27.723	-8.9310	-157.79	-413.36	-692.15E-6
	18.00000	1.00000	-8.50000	-27.803	-8.9310	-157.79	-413.42	-691.46E-6
	19.00000	1.00000	-8.50000	-27.850	-8.9310	-157.79	-413.45	-691.07E-6
	20.00000	1.00000	-8.50000	-27.863	-8.9310	-157.79	-413.46	-690.95E-6
	21.00000	1.00000	-8.50000	-27.845	-8.9310	-157.79	-413.45	-691.10E-6
	22.00000	1.00000	-8.50000	-27.793	-8.9310	-157.79	-413.41	-691.53E-6
	23.00000	1.00000	-8.50000	-27.708	-8.9310	-157.79	-413.35	-692.25E-6
	24.00000	1.00000	-8.50000	-27.588	-8.9310	-157.79	-413.26	-693.30E-6
	25.00000	1.00000	-8.50000	-27.431	-8.9310	-157.79	-413.13	-694.72E-6
	26.00000	1.00000	-8.50000	-27.235	-8.9310	-157.79	-412.97	-696.59E-6
	27.00000	1.00000	-8.50000	-26.995	-8.9310	-157.78	-412.76	-699.00E-6
	28.00000	1.00000	-8.50000	-26.707	-8.9310	-157.78	-412.49	-702.10E-6
	29.00000	1.00000	-8.50000	-26.365	-8.9310	-157.78	-412.14	-706.11E-6
	30.00000	1.00000	-8.50000	-25.962	-8.9310	-157.78	-411.68	-711.36E-6
	31.00000	1.00000	-8.50000	-25.485	-8.9310	-157.78	-411.07	-718.41E-6
	32.00000	1.00000	-8.50000	-24.920	-8.9310	-157.78	-410.21	-728.15E-6
	33.00000	1.00000	-8.50000	-24.245	-8.9310	-157.77	-408.97	-742.29E-6
	34.00000	1.00000	-8.50000	-23.427	-8.9310	-157.76	-407.03	-764.27E-6
	35.00000	1.00000	-8.50000	-22.409	-8.9310	-157.72	-403.62	-802.23E-6
	36.00000	1.00000	-8.50000	-21.086	-8.9310	-157.55	-396.33	-880.28E-6
	37.00000	1.00000	-8.50000	-19.211	-8.9310	-155.86	-373.01	-0.0010910
	38.00000	1.00000	-8.50000	-15.136	-8.9310	-78.893	-207.47	-336.91E-6
	39.00000	1.00000	-8.50000	-11.057	-8.9310	-1.9257	-41.940	417.16E-6
	40.00000	1.00000	-8.50000	-9.1736	-8.9310	-0.23951	-18.611	206.41E-6
	41.00000	1.00000	-8.50000	-7.8351	-8.9310	-0.066297	-11.320	128.29E-6
	42.00000	1.00000	-8.50000	-6.7950	-8.9310	-0.026559	-7.9002	90.215E-6
	43.00000	1.00000	-8.50000	-5.9475	-8.9310	-0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-9.00000	2.00000	-8.50000	-3.1115	-8.9310	-0.0012126	-2.1752	25.051E-6
	-8.00000	2.00000	-8.50000	-3.5016	-8.9310	-0.0016450	-2.5079	28.873E-6
	-7.00000	2.00000	-8.50000	-3.9414	-8.9310	-0.0023038	-2.9254	33.667E-6
	-6.00000	2.00000	-8.50000	-4.4409	-8.9310	-0.0033584	-3.4623	39.824E-6
	-5.00000	2.00000	-8.50000	-5.0130	-8.9310	-0.0051530	-4.1747	47.980E-6
	-4.00000	2.00000	-8.50000	-5.6760	-8.9310	-0.0084593	-5.1592	59.222E-6
	-3.00000	2.00000	-8.50000	-6.4564	-8.9310	-0.015231	-6.5964	75.568E-6
	-2.00000	2.00000	-8.50000	-7.3947	-8.9310	-0.031315	-8.8639	101.17E-6
	-1.00000	2.00000	-8.50000	-8.5588	-8.9310	-0.078997	-12.884	145.89E-6
	0.00000	2.00000	-8.50000	-10.076	-8.9310	-0.28326	-21.517	238.41E-6
	1.00000	2.00000	-8.50000	-12.233	-8.9310	-2.1315	-49.363	484.14E-6
	2.00000	2.00000	-8.50000	-16.705	-8.9310	-79.839	-222.38	-197.67E-6
	3.00000	2.00000	-8.50000	-21.173	-8.9310	-157.55	-396.40	-879.50E-6
	4.00000	2.00000	-8.50000	-23.316	-8.9310	-159.39	-423.24	-633.85E-6
	5.00000	2.00000	-8.50000	-24.813	-8.9310	-159.60	-431.86	-541.46E-6
	6.00000	2.00000	-8.50000	-25.947	-8.9310	-159.65	-435.86	-496.92E-6
	7.00000	2.00000	-8.50000	-26.848	-8.9310	-159.66	-438.11	-471.55E-6
	8.00000	2.00000	-8.50000	-27.582	-8.9310	-159.67	-439.53	-455.47E-6
	9.00000	2.00000	-8.50000	-28.191	-8.9310	-159.67	-440.48	-444.55E-6
	10.00000	2.00000	-8.50000	-28.701	-8.9310	-159.67	-441.16	-436.75E-6
	11.00000	2.00000	-8.50000	-29.129	-8.9310	-159.68	-441.67	-430.99E-6
	12.00000	2.00000	-8.50000	-29.490	-8.9310	-159.68	-442.05	-426.64E-6
	13.00000	2.00000	-8.50000	-29.791	-8.9310	-159.68	-442.34	-423.31E-6
	14.00000	2.00000	-8.50000	-30.041	-8.9310	-159.68	-442.56	-420.74E-6
	15.00000	2.00000	-8.50000	-30.245	-8.9310	-159.68	-442.73	-418.76E-6
	16.00000	2.00000	-8.50000	-30.406	-8.9310	-159.68	-442.86	-417.27E-6
	17.00000	2.00000	-8.50000	-30.528	-8.9310	-159.68	-442.96	-416.18E-6
	18.00000	2.00000	-8.50000	-30.613	-8.9310	-159.68	-443.02	-415.44E-6
	19.00000	2.00000	-8.50000	-30.663	-8.9310	-159.68	-443.06	-415.02E-6
	20.00000	2.00000	-8.50000	-30.678	-8.9310	-159.68	-443.07	-414.89E-6
	21.00000	2.00000	-8.50000	-30.658	-8.9310	-159.68	-443.05	-415.05E-6
	22.00000	2.00000	-8.50000	-30.603	-8.9310	-159.68	-443.01	-415.51E-6
	23.00000	2.00000	-8.50000	-30.513	-8.9310	-159.68	-442.95	-416.29E-6
	24.00000	2.00000	-8.50000	-30.385	-8.9310	-159.68	-442.85	-417.42E-6
	25.00000	2.00000	-8.50000	-30.218	-8.9310	-159.68	-442.71	-418.96E-6
	26.00000	2.00000	-8.50000	-30.009	-8.9310	-159.68	-442.54	-420.98E-6
	27.00000	2.00000	-8.50000	-29.753	-8.9310	-159.68	-442.31	-423.60E-6
	28.00000	2.00000	-8.50000	-29.444	-8.9310	-159.68	-442.02	-426.99E-6
	29.00000	2.00000	-8.50000	-29.077	-8.9310	-159.68	-441.63	-431.39E-6
	30.00000	2.00000	-8.50000	-28.642	-8.9310	-159.67	-441.12	-437.21E-6
	31.00000	2.00000	-8.50000	-28.126	-8.9310	-159.67	-440.44	-445.07E-6
	32.00000	2.00000	-8.50000	-27.510	-8.9310	-159.67	-439.47	-456.06E-6
	33.00000	2.00000	-8.50000	-26.769	-8.9310	-159.66	-438.06	-472.19E-6
	34.00000	2.00000	-8.50000	-25.862	-8.9310	-159.65	-435.80	-497.63E-6
	35.00000	2.00000	-8.50000	-24.722	-8.9310	-159.60	-431.79	-542.22E-6
	36.00000	2.00000	-8.50000	-23.220	-8.9310	-159.39	-423.17	-634.66E-6
	37.00000	2.00000	-8.50000	-21.072	-8.9310	-157.55	-396.33	-880.35E-6
	38.00000	2.00000	-8.50000	-16.601	-8.9310	-79.839	-222.31	-198.55E-6
	39.00000	2.00000	-8.50000	-12.126	-8.9310	-2.1314	-48.285	483.24E-6
	40.00000	2.00000	-8.50000	-9.9683	-8.9310	-0.28319	-21.439	237.51E-6
	41.00000	2.00000	-8.50000	-8.4505	-8.9310	-0.078936	-12.806	145.00E-6
	42.00000	2.00000	-8.50000	-7.2870	-8.9310	-0.031256	-8.7878	100.29E-6
	43.00000	2.00000	-8.50000	-6.3503	-8.9310	-0.015175	-6.5227	74.719E-6
	44.00000	2.00000	-8.50000	-5.5723	-8.9310	-0.0084079	-5.0886	58.410E-6
	45.00000	2.00000	-8.50000	-4.9124	-8.9310	-0.0051060	-4.1077	47.209E-6
	46.00000	2.00000	-8.50000	-4.3439	-8.9310	-0.0033159	-3.3994	39.099E-6
	47.00000	2.00000	-8.50000	-3.8486	-8.9310	-0.0022660	-2.8666	32.991E-6
	48.00000	2.00000	-8.50000	-3.4132	-8.9310	-0.0016115	-2.4535	28.247E-6
	49.00000	2.00000	-8.50000	-3.0277	-8.9310	-0.0011832	-2.1251	24.473E-6
	50.00000	2.00000	-8.50000	-2.6845	-8.9310	-891.81E-6	-1.8588	21.412E-6
	51.00000	2.00000	-8.50000	-2.3776	-8.9310	-686.96E-6	-1.6395	18.889E-6
	52.00000	2.00000	-8.50000	-2.1021	-8.9310	-538.97E-6	-1.4563	16.781E-6
	53.00000	2.00000	-8.50000	-1.8540	-8.9310	-429.55E-6	-1.3015	14.999E-6
	54.00000	2.00000	-8.50000	-1.6300	-8.9310	-347.02E-6	-1.1695	13.479E-6
	55.00000	2.00000	-8.50000	-1.4273	-8.9310	-283.68E-6	-1.0558	12.170E-6
	56.00000	2.00000	-8.50000	-1.2436	-8.9310	-234.33E-6	-0.95727	11.035E-6
	57.00000	2.00000	-8.50000	-1.0769	-8.9310	-195.36E-6	-0.87125	10.044E-6
	58.00000	2.00000	-8.50000	-0.92536	-8.9310	-164.23E-6	-0.79571	9.1735E-6
	59.00000	2.00000	-8.50000	-0.78754	-8.9310	-139.08E-6	-0.72903	8.4051E-6
	60.00000	2.00000	-8.50000	-0.66209	-8.9310	-118.57E-6	-0.66988	7.7235E-6
	-20.00000	3.00000	-8.50000	-0.74186	-8.9310	130.26E-6	-0.70581	8.1376E-6
	-19.00000	3.00000	-8.50000	-0.87558	-8.9310	-153.07E-6	-0.76957	8.8723E-6
	-18.00000	3.00000	-8.50000	-1.0225	-8.9310	-181.05E-6	-0.84155	9.7017E-6
	-17.00000	3.00000	-8.50000	-1.1842	-8.9310	-215.72E-6	-0.92321	10.643E-6
	-16.00000	3.00000	-8.50000	-1.3622	-8.9310	-259.09E-6	-1.0163	11.715E-6
	-15.00000	3.00000	-8.50000	-1.5584	-8.9310	-314.01E-6	-1.1232	12.946E-6
	-14.00000	3.00000	-8.50000	-1.7749	-8.9310	-384.47E-6	-1.2465	14.366E-6
	-13.00000	3.00000	-8.50000	-2.0144	-8.9310	-476.22E-6	-1.3900	16.018E-6
	-12.00000	3.00000	-8.50000	-2.2798	-8.9310	-597.80E-6	-1.5583	17.956E-6
	-11.00000	3.00000	-8.50000	-2.5747	-8.9310	-762.15E-6	-1.7577	20.251E-6
	-10.00000	3.00000	-8.50000	-2.9033	-8.9310	-989.57E-6	-1.9968	23.000E-6
	-9.00000	3.00000	-8.50000	-3.2711	-8.9310	-0.0013131	-2.2873	26.340E-6
	-8.00000	3.00000	-8.50000	-3.6846	-8.9310	-0.0017888	-2.6461	30.463E-6
	-7.00000	3.00000	-8.50000	-4.1521	-8.9310	-0.0025165	-3.0983	35.655E-6
	-6.00000	3.00000	-8.50000	-4.6847	-8.9310	-0.0036857	-3.6827	42.355E-6
	-5.00000	3.00000	-8.50000	-5.2970	-8.9310	-0.0056822	-4.4617	51.273E-6
	-4.00000	3.00000	-8.50000	-6.0095	-8.9310	-0.0093682	-5.5437	63.627E-6
	-3.00000	3.00000	-8.50000	-6.8518	-8.9310	-0.016914	-7.1304	81.669E-6
	-2.00000	3.00000	-8.50000	-7.8693	-8.9310	-0.034728	-9.6396	110.00E-6
	-1.00000	3.00000	-8.50000	-9.1367	-8.9310	-0.086699	-14.074	159.36E-6
	0.00000	3.00000	-8.50000	-10.791	-8.9310	-0.30256	-23.457	260.12E-6
	1.00000	3.00000	-8.50000	-13.127	-8.9310	-2.1819	-51.644	520.24E-6
	2.00000	3.00000	-8.50000	-17.813	-8.9310	-79.951	-227.67	-140.53E-6
	3.00000	3.00000	-8.50000	-22.494	-8.9310	-157.72	-403.69	-801.33E-6
	4.00000	3.00000	-8.50000	-24.816	-8.9310	-159.60	-431.87	-541.31E-6
	5.00000	3.00000	-8.50000	-26.447	-8.9310	-159.82	-441.24	-440.69E-6
	6.00000	3.00000	-8.50000	-27.683	-8.9310	-159.87	-445.66	-391.55E-6
	7.00000	3.00000	-8.50000	-28.659	-8.9310	-159.88	-448.15	-363.48E-6
	8.00000	3.00000	-8.50000	-29.452	-8.9310	-159.89	-449.71	-345.75E-6
	9.00000	3.00000	-8.50000	-30.107	-8.9310	-159.90	-450.76	-333.75E-6
	10.00000	3.00000	-8.50000	-30.653	-8.9310	-159.90	-451.50	-325.23E-6
	11.00000	3.00000	-8.50000	-31.110	-8.9310	-159.90	-452.05	-318.97E-6
	12.00000	3.00000	-8.50000	-31.493	-8.9310	-159.90	-452.46	-314.27E-6
	13.00000	3.00000	-8.50000	-31.814	-8.9310	-159.90	-452.77	-310.67E-6
	14.00000	3.00000	-8.50000	-32.078	-8.9310	-159.90	-453.01	-307.91E-6
	15.00000	3.00000	-8.50000	-32.294	-8.9310	-159.90	-453.19	-305.80E-6
	16.00000	3.00000	-8.50000	-32.464	-8.9310	-159.90	-453.33	-304.21E-6
	17.00000	3.00000	-8.50000	-32.593	-8.9310	-159.90	-453.43	-303.04E-6
	18.00000	3.00000	-8.50000	-32.683	-8.9310	-159.90	-453.50	-302.25E-6
	19.00000	3.00000	-8.50000	-32.735	-8.9310	-159.90	-453.54	-301.80E-6
	20.00000	3.00000	-8.50000	-32.751	-8.9310	-159.90	-453.55	-301.67E-6
	21.00000	3.00000	-8.50000	-32.730	-8.9310	-159.90	-453.54	-301.84E-6
	22.00000	3.00000	-8.50000	-32.672	-8.9310	-159.90	-453.49	-302.34E-6
	23.00000	3.00000	-8.50000	-32.577	-8.9310	-159.90	-453.42	-303.17E-6
	24.00000	3.00000	-8.50000	-32.442	-8.9310	-159.90	-453.32	-304.38E-6
	25.00000	3.00000	-8.50000	-32.265	-8.9310	-159.90	-453.17	-306.02E-6
	26.00000	3.00000	-8.50000	-32.043	-8.9310	-159.90	-452.99	-308.19E-6
	27.00000	3.00000	-8.50000	-31.771	-8.9310	-159.90	-452.74	-311.01E-6
	28.00000	3.00000	-8.50000	-31.444	-8.9310	-159.90	-452.42	-314.67E-6
	29.00000	3.00000	-8.50000	-31.053	-8.9310	-159.90	-452.01	-319.44E-6
	30.00000	3.00000	-8.50000	-30.587	-8.9310	-159.90	-451.45	-325.78E-6
	31.00000	3.00000	-8.50000	-30.033	-8.9310	-159.90	-450.75	-334.37E-6
	32.00000	3.00000	-8.50000	-29.371	-8.9310	-159.89	-449.64	-346.45E-6
	33.00000	3.00000	-8.50000	-28.570	-8.9310	-159.88	-448.08	-364.26E-6
	34.00000	3.00000	-8.50000	-27.586	-8.9310	-159.87	-445.58	-392.40E-6
	35.00000	3.00000	-8.50000	-26.343	-8.9310	-159.81	-441.16	-441.63E-6
	36.00000	3.00000	-8.50000	-24.706	-8.9310	-159.60	-431.79	-542.30E-6
	37.00000	3.00000	-8.50000	-22.379	-8.9310	-157.72	-403.60	-802.38E-6
	38.00000	3.00000	-8.50000	-17.693	-8.9310	-79.951	-227.58	-141.61E-6
	39.00000	3.00000	-8.50000	-13.004	-8.9310	-2.1818	-51.548	519.14E-6
	40.00000	3.00000	-8.50000	-10.667	-8.9310	-0.30247	-23.361	259.01E-6
	41.00000	3.00000	-8.50000	-9.0124	-8.9310	-0.086614	-13.979	158.26E-6
	42.00000	3.00000	-8.50000	-7.7460	-8.9310	-0.034648	-9.5464	108.93E-6
	43.00000	3.00000	-8.50000	-6.7307	-8.9310	-0.016838	-7.0406	80.636E-6
	44.00000	3.00000	-8.50000	-5.8916	-8.9310	-0.0092992	-5.4583	62.644E-6
	45.00000	3.00000	-8.50000	-5.1831	-8.9310	-0.0056198	-4.3813	50.347E-6
	46.00000	3.00000	-8.50000	-4.5754	-8.9310	-0.0036301	-3.6076	41.490E-6
	47.00000	3.00000	-8.50000	-4.0479	-8.9310	-0.0024675	-3.0288	34.855E-6
	48.00000	3.00000	-8.50000	-3.5858	-8.9310	-0.0017460	-2.5822	29.727E-6
	49.00000	3.00000	-8.50000	-3.1780	-8.9310	-0.0012760	-2.2289	25.667E-6
	50.00000	3.00000	-8.50000	-2.8159	-8.9310	-957.61E-6	-1.9436	22.388E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	51.00000	3.00000	-8.50000	-2.4928	-8.9310	-734.73E-6	-1.7095	19.695E-6
	52.00000	3.00000	-8.50000	-2.2034	-8.9310	-574.35E-6	-1.5147	17.454E-6
	53.00000	3.00000	-8.50000	-1.9433	-8.9310	-456.22E-6	-1.3507	15.565E-6
	54.00000	3.00000	-8.50000	-1.7090	-8.9310	-367.43E-6	-1.2111	13.959E-6
	55.00000	3.00000	-8.50000	-1.4973	-8.9310	-299.51E-6	-1.0914	12.579E-6
	56.00000	3.00000	-8.50000	-1.3057	-8.9310	-246.75E-6	-0.98778	11.386E-6
	57.00000	3.00000	-8.50000	-1.1320	-8.9310	-205.21E-6	-0.89758	10.347E-6
	58.00000	3.00000	-8.50000	-0.97440	-8.9310	-172.11E-6	-0.81854	9.4365E-6
	59.00000	3.00000	-8.50000	-0.83121	-8.9310	-145.44E-6	-0.74891	8.6342E-6
	60.00000	3.00000	-8.50000	-0.70100	-8.9310	-123.75E-6	-0.68727	7.9239E-6
	-20.00000	4.00000	-8.50000	-0.78145	-8.9310	-136.07E-6	-0.72395	8.3466E-6
	-19.00000	4.00000	-8.50000	-0.92008	-8.9310	-160.22E-6	-0.79039	9.1122E-6
	-18.00000	4.00000	-8.50000	-1.0726	-8.9310	-189.92E-6	-0.86554	9.9781E-6
	-17.00000	4.00000	-8.50000	-1.2406	-8.9310	-226.78E-6	-0.95096	10.962E-6
	-16.00000	4.00000	-8.50000	-1.4257	-8.9310	-273.02E-6	-1.0486	12.087E-6
	-15.00000	4.00000	-8.50000	-1.6301	-8.9310	-331.69E-6	-1.1608	13.379E-6
	-14.00000	4.00000	-8.50000	-1.8560	-8.9310	-407.12E-6	-1.2906	14.874E-6
	-13.00000	4.00000	-8.50000	-2.1061	-8.9310	-505.57E-6	-1.4420	16.617E-6
	-12.00000	4.00000	-8.50000	-2.3838	-8.9310	-636.29E-6	-1.6201	18.667E-6
	-11.00000	4.00000	-8.50000	-2.6928	-8.9310	-813.34E-6	-1.8316	21.100E-6
	-10.00000	4.00000	-8.50000	-3.0379	-8.9310	-0.0010588	-2.0857	24.023E-6
	-9.00000	4.00000	-8.50000	-3.4247	-8.9310	-0.0014084	-2.3952	27.582E-6
	-8.00000	4.00000	-8.50000	-3.8605	-8.9310	-0.0019231	-2.7786	31.986E-6
	-7.00000	4.00000	-8.50000	-4.3542	-8.9310	-0.0027112	-3.2629	37.546E-6
	-6.00000	4.00000	-8.50000	-4.9179	-8.9310	-0.0039769	-3.8900	44.737E-6
	-5.00000	4.00000	-8.50000	-5.5675	-8.9310	-0.0061354	-4.7276	54.325E-6
	-4.00000	4.00000	-8.50000	-6.3249	-8.9310	-0.010107	-5.8919	67.618E-6
	-3.00000	4.00000	-8.50000	-7.2220	-8.9310	-0.018182	-7.5978	87.017E-6
	-2.00000	4.00000	-8.50000	-8.3070	-8.9310	-0.037033	-10.285	117.36E-6
	-1.00000	4.00000	-8.50000	-9.6580	-8.9310	-0.091115	-14.992	169.79E-6
	0.00000	4.00000	-8.50000	-11.415	-8.9310	-0.31126	-24.789	275.19E-6
	1.00000	4.00000	-8.50000	-13.873	-8.9310	-2.1985	-53.574	541.94E-6
	2.00000	4.00000	-8.50000	-18.695	-8.9310	-79.979	-230.35	-110.61E-6
	3.00000	4.00000	-8.50000	-23.512	-8.9310	-157.76	-407.12	-763.20E-6
	4.00000	4.00000	-8.50000	-25.954	-8.9310	-159.65	-435.89	-496.57E-6
	5.00000	4.00000	-8.50000	-27.686	-8.9310	-159.87	-445.68	-391.35E-6
	6.00000	4.00000	-8.50000	-29.002	-8.9310	-159.92	-450.36	-339.18E-6
	7.00000	4.00000	-8.50000	-30.043	-8.9310	-159.94	-453.02	-309.14E-6
	8.00000	4.00000	-8.50000	-30.887	-8.9310	-159.95	-454.70	-290.11E-6
	9.00000	4.00000	-8.50000	-31.582	-8.9310	-159.95	-455.82	-277.23E-6
	10.00000	4.00000	-8.50000	-32.160	-8.9310	-159.95	-456.62	-268.09E-6
	11.00000	4.00000	-8.50000	-32.644	-8.9310	-159.96	-457.21	-261.39E-6
	12.00000	4.00000	-8.50000	-33.048	-8.9310	-159.96	-457.64	-256.37E-6
	13.00000	4.00000	-8.50000	-33.386	-8.9310	-159.96	-457.98	-252.54E-6
	14.00000	4.00000	-8.50000	-33.664	-8.9310	-159.96	-458.23	-249.61E-6
	15.00000	4.00000	-8.50000	-33.891	-8.9310	-159.96	-458.43	-247.37E-6
	16.00000	4.00000	-8.50000	-34.070	-8.9310	-159.96	-458.57	-245.68E-6
	17.00000	4.00000	-8.50000	-34.205	-8.9310	-159.96	-458.68	-244.45E-6
	18.00000	4.00000	-8.50000	-34.299	-8.9310	-159.96	-458.75	-243.62E-6
	19.00000	4.00000	-8.50000	-34.354	-8.9310	-159.96	-458.80	-243.14E-6
	20.00000	4.00000	-8.50000	-34.370	-8.9310	-159.96	-458.81	-243.00E-6
	21.00000	4.00000	-8.50000	-34.348	-8.9310	-159.96	-458.79	-243.19E-6
	22.00000	4.00000	-8.50000	-34.287	-8.9310	-159.96	-458.75	-243.71E-6
	23.00000	4.00000	-8.50000	-34.187	-8.9310	-159.96	-458.67	-244.59E-6
	24.00000	4.00000	-8.50000	-34.046	-8.9310	-159.96	-458.56	-245.87E-6
	25.00000	4.00000	-8.50000	-33.860	-8.9310	-159.96	-458.41	-247.62E-6
	26.00000	4.00000	-8.50000	-33.626	-8.9310	-159.96	-458.21	-249.92E-6
	27.00000	4.00000	-8.50000	-33.340	-8.9310	-159.96	-457.94	-252.93E-6
	28.00000	4.00000	-8.50000	-32.994	-8.9310	-159.96	-457.60	-256.83E-6
	29.00000	4.00000	-8.50000	-32.580	-8.9310	-159.96	-457.16	-261.94E-6
	30.00000	4.00000	-8.50000	-32.087	-8.9310	-159.95	-456.57	-268.73E-6
	31.00000	4.00000	-8.50000	-31.500	-8.9310	-159.95	-455.76	-277.97E-6
	32.00000	4.00000	-8.50000	-30.795	-8.9310	-159.95	-454.62	-290.95E-6
	33.00000	4.00000	-8.50000	-29.942	-8.9310	-159.94	-452.94	-310.09E-6
	34.00000	4.00000	-8.50000	-28.892	-8.9310	-159.92	-450.27	-340.23E-6
	35.00000	4.00000	-8.50000	-27.567	-8.9310	-159.87	-445.58	-392.50E-6
	36.00000	4.00000	-8.50000	-25.827	-8.9310	-159.65	-435.79	-497.80E-6
	37.00000	4.00000	-8.50000	-23.378	-8.9310	-157.76	-407.01	-764.50E-6
	38.00000	4.00000	-8.50000	-18.557	-8.9310	-79.979	-230.23	-111.97E-6
	39.00000	4.00000	-8.50000	-13.731	-8.9310	-2.1984	-53.454	540.56E-6
	40.00000	4.00000	-8.50000	-11.272	-8.9310	-0.31114	-24.669	273.81E-6
	41.00000	4.00000	-8.50000	-9.5146	-8.9310	-0.090995	-14.873	168.42E-6
	42.00000	4.00000	-8.50000	-8.1652	-8.9310	-0.036921	-10.170	116.04E-6
	43.00000	4.00000	-8.50000	-7.0832	-8.9310	-0.018078	-7.4874	85.747E-6
	44.00000	4.00000	-8.50000	-6.1903	-8.9310	-0.010013	-5.7876	66.418E-6
	45.00000	4.00000	-8.50000	-5.4380	-8.9310	-0.0060515	-4.6302	53.203E-6
	46.00000	4.00000	-8.50000	-4.7944	-8.9310	-0.0039033	-3.7999	43.699E-6
	47.00000	4.00000	-8.50000	-4.2371	-8.9310	-0.0026472	-3.1802	36.594E-6
	48.00000	4.00000	-8.50000	-3.7500	-8.9310	-0.0018681	-2.7032	31.119E-6
	49.00000	4.00000	-8.50000	-3.3211	-8.9310	-0.0013614	-2.3269	26.796E-6
	50.00000	4.00000	-8.50000	-2.9411	-8.9310	-0.0010188	-2.0241	23.314E-6
	51.00000	4.00000	-8.50000	-2.6027	-8.9310	-779.50E-6	-1.7762	20.463E-6
	52.00000	4.00000	-8.50000	-2.3001	-8.9310	-607.72E-6	-1.5704	18.095E-6
	53.00000	4.00000	-8.50000	-2.0286	-8.9310	-481.48E-6	-1.3976	16.106E-6
	54.00000	4.00000	-8.50000	-1.7844	-8.9310	-386.83E-6	-1.2509	14.417E-6
	55.00000	4.00000	-8.50000	-1.5640	-8.9310	-314.59E-6	-1.1253	12.970E-6
	56.00000	4.00000	-8.50000	-1.3649	-8.9310	-258.61E-6	-1.0169	11.722E-6
	57.00000	4.00000	-8.50000	-1.1846	-8.9310	-214.63E-6	-0.92271	10.637E-6
	58.00000	4.00000	-8.50000	-1.0212	-8.9310	-179.65E-6	-0.84032	9.6876E-6
	59.00000	4.00000	-8.50000	-0.87284	-8.9310	-151.53E-6	-0.76788	8.8528E-6
	60.00000	4.00000	-8.50000	-0.73809	-8.9310	-128.71E-6	-0.70384	8.1149E-6
	-20.00000	5.00000	-8.50000	-0.81902	-8.9310	-141.70E-6	-0.74125	8.5460E-6
	-19.00000	5.00000	-8.50000	-0.96234	-8.9310	-167.17E-6	-0.81027	9.3413E-6
	-18.00000	5.00000	-8.50000	-1.1202	-8.9310	-198.54E-6	-0.88848	10.242E-6
	-17.00000	5.00000	-8.50000	-1.2942	-8.9310	-237.56E-6	-0.97753	11.268E-6
	-16.00000	5.00000	-8.50000	-1.4862	-8.9310	-286.59E-6	-1.0795	12.443E-6
	-15.00000	5.00000	-8.50000	-1.6984	-8.9310	-348.90E-6	-1.1969	13.795E-6
	-14.00000	5.00000	-8.50000	-1.9332	-8.9310	-429.16E-6	-1.3330	15.363E-6
	-13.00000	5.00000	-8.50000	-2.1936	-8.9310	-534.05E-6	-1.4920	17.193E-6
	-12.00000	5.00000	-8.50000	-2.4830	-8.9310	-673.50E-6	-1.6794	19.350E-6
	-11.00000	5.00000	-8.50000	-2.8056	-8.9310	-862.53E-6	-1.9024	21.916E-6
	-10.00000	5.00000	-8.50000	-3.1662	-8.9310	-0.001247	-2.1708	25.003E-6
	-9.00000	5.00000	-8.50000	-3.5711	-8.9310	-0.0014982	-2.4983	28.767E-6
	-8.00000	5.00000	-8.50000	-4.0279	-8.9310	-0.0020475	-2.9043	33.433E-6
	-7.00000	5.00000	-8.50000	-4.5462	-8.9310	-0.0028871	-3.4178	39.327E-6
	-6.00000	5.00000	-8.50000	-5.1387	-8.9310	-0.0042321	-4.0829	46.953E-6
	-5.00000	5.00000	-8.50000	-5.8221	-8.9310	-0.0065160	-4.9709	57.117E-6
	-4.00000	5.00000	-8.50000	-6.6197	-8.9310	-0.010693	-6.2029	71.185E-6
	-3.00000	5.00000	-8.50000	-7.5644	-8.9310	-0.019115	-8.0015	91.642E-6
	-2.00000	5.00000	-8.50000	-8.7061	-8.9310	-0.038566	-10.817	123.45E-6
	-1.00000	5.00000	-8.50000	-10.124	-8.9310	-0.093685	-15.702	177.89E-6
	0.00000	5.00000	-8.50000	-11.959	-8.9310	-0.31557	-25.741	286.02E-6
	1.00000	5.00000	-8.50000	-14.505	-8.9310	-2.2054	-54.834	556.23E-6
	2.00000	5.00000	-8.50000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	30.00000	5.00000	-8.50000	-33.282	-8.9310	-159.97	-459.55	-234.99E-6
	31.00000	5.00000	-8.50000	-32.664	-8.9310	-159.97	-458.70	-244.76E-6
	32.00000	5.00000	-8.50000	-31.922	-8.9310	-159.97	-457.50	-258.48E-6
	33.00000	5.00000	-8.50000	-31.024	-8.9310	-159.96	-455.72	-278.64E-6
	34.00000	5.00000	-8.50000	-29.920	-8.9310	-159.94	-452.93	-310.21E-6
	35.00000	5.00000	-8.50000	-28.529	-8.9310	-159.88	-448.06	-364.47E-6
	36.00000	5.00000	-8.50000	-26.713	-8.9310	-159.66	-438.03	-472.48E-6
	37.00000	5.00000	-8.50000	-24.176	-8.9310	-157.77	-408.94	-742.64E-6
	38.00000	5.00000	-8.50000	-19.260	-8.9310	-79.989	-231.81	-94.073E-6
	39.00000	5.00000	-8.50000	-14.340	-8.9310	-2.2052	-54.682	554.48E-6
	40.00000	5.00000	-8.50000	-11.793	-8.9310	-0.31539	-25.588	284.27E-6
	41.00000	5.00000	-8.50000	-9.9578	-8.9310	-0.093514	-15.552	176.17E-6
	42.00000	5.00000	-8.50000	-8.5421	-8.9310	-0.038406	-10.673	121.79E-6
	43.00000	5.00000	-8.50000	-7.4046	-8.9310	-0.018969	-7.8642	90.064E-6
	44.00000	5.00000	-8.50000	-6.4654	-8.9310	-0.010562	-6.0743	69.707E-6
	45.00000	5.00000	-8.50000	-5.6746	-8.9310	-0.0064017	-4.8519	55.749E-6
	46.00000	5.00000	-8.50000	-4.9987	-8.9310	-0.0041334	-3.9740	45.701E-6
	47.00000	5.00000	-8.50000	-4.4143	-8.9310	-0.0028029	-3.3189	38.189E-6
	48.00000	5.00000	-8.50000	-3.9043	-8.9310	-0.0019762	-2.8151	32.406E-6
	49.00000	5.00000	-8.50000	-3.4558	-8.9310	-0.0014383	-2.4182	27.846E-6
	50.00000	5.00000	-8.50000	-3.0591	-8.9310	-0.0010746	-2.0993	24.180E-6
	51.00000	5.00000	-8.50000	-2.7064	-8.9310	-820.69E-6	-1.8387	21.182E-6
	52.00000	5.00000	-8.50000	-2.3914	-8.9310	-638.64E-6	-1.6228	18.698E-6
	53.00000	5.00000	-8.50000	-2.1092	-8.9310	-505.04E-6	-1.4418	16.615E-6
	54.00000	5.00000	-8.50000	-1.8556	-8.9310	-405.00E-6	-1.2884	14.849E-6
	55.00000	5.00000	-8.50000	-1.6271	-8.9310	-328.77E-6	-1.1574	13.340E-6
	56.00000	5.00000	-8.50000	-1.4209	-8.9310	-269.78E-6	-1.0444	12.039E-6
	57.00000	5.00000	-8.50000	-1.2343	-8.9310	-223.52E-6	-0.94645	10.910E-6
	58.00000	5.00000	-8.50000	-1.0654	-8.9310	-186.79E-6	-0.86090	9.9247E-6
	59.00000	5.00000	-8.50000	-0.91215	-8.9310	-157.30E-6	-0.78579	9.0592E-6
	60.00000	5.00000	-8.50000	-0.77310	-8.9310	-133.41E-6	-0.71949	8.2953E-6
	-20.00000	6.00000	-8.50000	-0.85431	-8.9310	-147.13E-6	-0.75760	8.7344E-6
	-19.00000	6.00000	-8.50000	-1.0021	-8.9310	-173.87E-6	-0.82909	9.5581E-6
	-18.00000	6.00000	-8.50000	-1.1650	-8.9310	-206.87E-6	-0.91022	10.493E-6
	-17.00000	6.00000	-8.50000	-1.3447	-8.9310	-247.98E-6	-1.0027	11.559E-6
	-16.00000	6.00000	-8.50000	-1.5432	-8.9310	-299.72E-6	-1.1089	12.781E-6
	-15.00000	6.00000	-8.50000	-1.7628	-8.9310	-365.57E-6	-1.2313	14.191E-6
	-14.00000	6.00000	-8.50000	-2.0061	-8.9310	-450.49E-6	-1.3734	15.828E-6
	-13.00000	6.00000	-8.50000	-2.2762	-8.9310	-561.59E-6	-1.5397	17.742E-6
	-12.00000	6.00000	-8.50000	-2.5768	-8.9310	-709.36E-6	-1.7360	20.001E-6
	-11.00000	6.00000	-8.50000	-2.9121	-8.9310	-909.72E-6	-1.9699	22.693E-6
	-10.00000	6.00000	-8.50000	-3.2875	-8.9310	-0.0011875	-2.2517	25.934E-6
	-9.00000	6.00000	-8.50000	-3.7095	-8.9310	-0.0015827	-2.5959	29.891E-6
	-8.00000	6.00000	-8.50000	-4.1859	-8.9310	-0.0021628	-3.0230	34.797E-6
	-7.00000	6.00000	-8.50000	-4.7270	-8.9310	-0.0030467	-3.5629	40.995E-6
	-6.00000	6.00000	-8.50000	-5.3458	-8.9310	-0.0044566	-4.2616	49.006E-6
	-5.00000	6.00000	-8.50000	-6.0599	-8.9310	-0.0068373	-5.1926	59.664E-6
	-4.00000	6.00000	-8.50000	-6.8929	-8.9310	-0.011161	-6.4802	74.367E-6
	-3.00000	6.00000	-8.50000	-7.8788	-8.9310	-0.019810	-8.3509	95.648E-6
	-2.00000	6.00000	-8.50000	-9.0679	-8.9310	-0.039612	-11.260	128.52E-6
	-1.00000	6.00000	-8.50000	-10.540	-8.9310	-0.095266	-16.265	184.33E-6
	0.00000	6.00000	-8.50000	-12.436	-8.9310	-0.31792	-26.453	294.15E-6
	1.00000	6.00000	-8.50000	-15.047	-8.9310	-2.2088	-55.722	566.36E-6
	2.00000	6.00000	-8.50000	-20.031	-8.9310	-79.994	-233.04	-80.047E-6
	3.00000	6.00000	-8.50000	-25.008	-8.9310	-157.78	-410.36	-726.52E-6
	4.00000	6.00000	-8.50000	-27.600	-8.9310	-159.67	-439.61	-454.50E-6
	5.00000	6.00000	-8.50000	-29.464	-8.9310	-159.89	-449.77	-344.98E-6
	6.00000	6.00000	-8.50000	-30.893	-8.9310	-159.95	-454.74	-289.58E-6
	7.00000	6.00000	-8.50000	-32.028	-8.9310	-159.97	-457.61	-257.18E-6
	8.00000	6.00000	-8.50000	-32.950	-8.9310	-159.98	-459.43	-236.44E-6
	9.00000	6.00000	-8.50000	-33.709	-8.9310	-159.98	-460.67	-222.32E-6
	10.00000	6.00000	-8.50000	-34.341	-8.9310	-159.98	-461.55	-212.28E-6
	11.00000	6.00000	-8.50000	-34.868	-8.9310	-159.98	-462.19	-204.91E-6
	12.00000	6.00000	-8.50000	-35.308	-8.9310	-159.99	-462.67	-199.39E-6
	13.00000	6.00000	-8.50000	-35.675	-8.9310	-159.99	-463.04	-195.19E-6
	14.00000	6.00000	-8.50000	-35.977	-8.9310	-159.99	-463.32	-191.97E-6
	15.00000	6.00000	-8.50000	-36.222	-8.9310	-159.99	-463.53	-189.52E-6
	16.00000	6.00000	-8.50000	-36.416	-8.9310	-159.99	-463.69	-187.67E-6
	17.00000	6.00000	-8.50000	-36.562	-8.9310	-159.99	-463.81	-186.33E-6
	18.00000	6.00000	-8.50000	-36.664	-8.9310	-159.99	-463.89	-185.42E-6
	19.00000	6.00000	-8.50000	-36.723	-8.9310	-159.99	-463.93	-184.90E-6
	20.00000	6.00000	-8.50000	-36.741	-8.9310	-159.99	-463.94	-184.75E-6
	21.00000	6.00000	-8.50000	-36.717	-8.9310	-159.99	-463.93	-184.95E-6
	22.00000	6.00000	-8.50000	-36.652	-8.9310	-159.99	-463.88	-185.53E-6
	23.00000	6.00000	-8.50000	-36.543	-8.9310	-159.99	-463.79	-186.49E-6
	24.00000	6.00000	-8.50000	-36.389	-8.9310	-159.99	-463.67	-187.90E-6
	25.00000	6.00000	-8.50000	-36.187	-8.9310	-159.99	-463.50	-189.82E-6
	26.00000	6.00000	-8.50000	-35.933	-8.9310	-159.99	-463.28	-192.37E-6
	27.00000	6.00000	-8.50000	-35.621	-8.9310	-159.99	-462.99	-195.69E-6
	28.00000	6.00000	-8.50000	-35.243	-8.9310	-159.99	-462.62	-200.00E-6
	29.00000	6.00000	-8.50000	-34.791	-8.9310	-159.98	-462.12	-205.66E-6
	30.00000	6.00000	-8.50000	-34.251	-8.9310	-159.98	-461.47	-213.18E-6
	31.00000	6.00000	-8.50000	-33.606	-8.9310	-159.98	-460.58	-223.39E-6
	32.00000	6.00000	-8.50000	-32.832	-8.9310	-159.98	-459.32	-237.69E-6
	33.00000	6.00000	-8.50000	-31.896	-8.9310	-159.97	-457.48	-258.62E-6
	34.00000	6.00000	-8.50000	-30.747	-8.9310	-159.95	-454.60	-291.21E-6
	35.00000	6.00000	-8.50000	-29.305	-8.9310	-159.89	-449.61	-346.80E-6
	36.00000	6.00000	-8.50000	-27.429	-8.9310	-159.67	-439.44	-456.48E-6
	37.00000	6.00000	-8.50000	-24.827	-8.9310	-157.78	-410.17	-728.63E-6
	38.00000	6.00000	-8.50000	-19.842	-8.9310	-79.994	-232.85	-82.255E-6
	39.00000	6.00000	-8.50000	-14.853	-8.9310	-2.2085	-55.526	564.10E-6
	40.00000	6.00000	-8.50000	-12.240	-8.9310	-0.31766	-26.257	291.90E-6
	41.00000	6.00000	-8.50000	-10.346	-8.9310	-0.095012	-16.073	182.13E-6
	42.00000	6.00000	-8.50000	-8.8769	-8.9310	-0.039377	-11.076	126.41E-6
	43.00000	6.00000	-8.50000	-7.6937	-8.9310	-0.019600	-8.1781	93.662E-6
	44.00000	6.00000	-8.50000	-6.7153	-8.9310	-0.010977	-6.3201	72.527E-6
	45.00000	6.00000	-8.50000	-5.8911	-8.9310	-0.0066789	-5.0462	57.981E-6
	46.00000	6.00000	-8.50000	-5.1868	-8.9310	-0.0043226	-4.1291	47.483E-6
	47.00000	6.00000	-8.50000	-4.5781	-8.9310	-0.0029347	-3.4440	39.628E-6
	48.00000	6.00000	-8.50000	-4.0473	-8.9310	-0.0020698	-2.9170	33.578E-6
	49.00000	6.00000	-8.50000	-3.5811	-8.9310	-0.0015060	-2.5019	28.810E-6
	50.00000	6.00000	-8.50000	-3.1690	-8.9310	-0.0011244	-2.1686	24.978E-6
	51.00000	6.00000	-8.50000	-2.8031	-8.9310	-857.91E-6	-1.8966	21.848E-6
	52.00000	6.00000	-8.50000	-2.4766	-8.9310	-666.83E-6	-1.6714	19.258E-6
	53.00000	6.00000	-8.50000	-2.1845	-8.9310	-526.65E-6	-1.4829	17.088E-6
	54.00000	6.00000	-8.50000	-1.9222	-8.9310	-421.76E-6	-1.3234	15.252E-6
	55.00000	6.00000	-8.50000	-1.6861	-8.9310	-341.90E-6	-1.1873	13.684E-6
	56.00000	6.00000	-8.50000	-1.4732	-8.9310	-280.17E-6	-1.0701	12.335E-6
	57.00000	6.00000	-8.50000	-1.2808	-8.9310	-231.81E-6	-0.96863	11.166E-6
	58.00000	6.00000	-8.50000	-1.1066	-8.9310	-193.45E-6	-0.88013	10.146E-6
	59.00000	6.00000	-8.50000	-0.94889	-8.9310	-162.70E-6	-0.80252	9.2521E-6
	60.00000	6.00000	-8.50000	-0.80582	-8.9310	-137.81E-6	-0.73411	8.4637E-6
	-20.00000	7.00000	-8.50000	-0.88708	-8.9310	-152.31E-6	-0.77288	8.9105E-6
	-19.00000	7.00000	-8.50000	-1.0390	-8.9310	-180.28E-6	-0.84671	9.7612E-6
	-18.00000	7.00000	-8.50000	-1.2066	-8.9310	-214.86E-6	-0.93062	10.728E-6
	-17.00000	7.00000	-8.50000	-1.3917	-8.9310	-257.99E-6	-1.0265	11.832E-6
	-16.00000	7.00000	-8.50000	-1.5963	-8.9310	-312.35E-6	-1.1365	13.100E-6
	-15.00000	7.00000	-8.50000	-1.8229	-8.9310	-381.64E-6	-1.2637	14.564E-6
	-14.00000	7.00000	-8.50000	-2.0742	-8.9310	-471.07E-6	-1.4115	16.267E-6
	-13.00000	7.00000	-8.50000	-2.3534	-8.9310	-588.17E-6	-1.5848	18.261E-6
	-12.00000	7.00000	-8.50000	-2.6645	-8.9310	-743.97E-6	-1.7895	20.618E-6
	-11.00000	7.00000	-8.50000	-3.0118	-8.9310	-955.16E-6	-2.0337	23.428E-6
	-10.00000	7.00000	-8.50000	-3.4011	-8.9310	-0.0012477	-2.3283	26.816E-6
	-9.00000	7.00000	-8.50000	-3.8389	-8.9310	-0.0016632	-2.6882	30.953E-6
	-8.00000	7.00000	-8.50000	-4.3335	-8.9310	-0.0022713	-3.1346	36.082E-6
	-7.00000	7.00000	-8.50000	-4.8956	-8.9310	-0.0031945	-3.6986	42.556E-6
	-6.00000	7.00000	-8.50000	-5.5386	-8.9310	-0.0046595	-4.4274	50.912E-6
	-5.00000	7.00000	-8.50000	-6.2803	-8.9310	-0.0071181	-5.3957	61.998E-6
	-4.00000	7.00000	-8.50000	-7.1448	-8.9310	-0.011552	-6.7298	77.233E-6
	-3.00000	7.00000	-8.50000	-8.1663	-8.9310	-0.020357	-8.6579	99.172E-6
	-2.00000	7.00000	-8.50000	-9.3953	-8.9310	-0.040378	-11.637	132.85E-6
	-1.00000	7.00000	-8.50000	-10.911	-8.9310	-0.096330	-16.726	189.62E-6
	0.00000	7.00000	-8.50000	-12.855	-8.9310	-0.31938	-27.013	300.56E-6
	1.00000	7.00000	-8.50000	-15.516	-8.9310	-2.2107	-56.392	574.01E-6
	2.00000	7.00000	-8.50000	-20.551	-8.9310	-79.996	-233.83	-71.083E-6
	3.00000	7.00000	-8.50000	-25.578	-8.9310	-157.78	-411.25	-716.27E-6
	4.00000	7.00000	-8.50000	-28.217	-8.9310	-159.67	-440.61	-443.08E-6
	5.00000	7.00000	-8.50000	-30.124	-8.9310	-159.90	-450.86	-332.56E-6
	6.00000	7.00000	-8.50000	-31.591	-8.9310	-159.95	-455.90	-276.33E-6
	7.00000	7.00000	-8.50000	-32.759	-8.9310	-159.97	-458.83	-243.27E-6
	8.00000	7.00000	-8.50000	-33.709	-8.9310	-159.98	-460.70	-222.02E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	9.00000	7.00000	-8.50000	-34.492	-8.9310	-159.99	-461.97	-207.51E-6
	10.00000	7.00000	-8.50000	-35.144	-8.9310	-159.99	-462.87	-197.17E-6
	11.00000	7.00000	-8.50000	-35.688	-8.9310	-159.99	-463.53	-189.57E-6
	12.00000	7.00000	-8.50000	-36.142	-8.9310	-159.99	-464.03	-183.87E-6
	13.00000	7.00000	-8.50000	-36.520	-8.9310	-159.99	-464.41	-179.53E-6
	14.00000	7.00000	-8.50000	-36.832	-8.9310	-159.99	-464.70	-176.21E-6
	15.00000	7.00000	-8.50000	-37.085	-8.9310	-159.99	-464.92	-173.67E-6
	16.00000	7.00000	-8.50000	-37.285	-8.9310	-159.99	-465.08	-171.77E-6
	17.00000	7.00000	-8.50000	-37.436	-8.9310	-159.99	-465.20	-170.38E-6
	18.00000	7.00000	-8.50000	-37.542	-8.9310	-159.99	-465.29	-169.44E-6
	19.00000	7.00000	-8.50000	-37.603	-8.9310	-159.99	-465.33	-168.90E-6
	20.00000	7.00000	-8.50000	-37.621	-8.9310	-159.99	-465.35	-168.75E-6
	21.00000	7.00000	-8.50000	-37.596	-8.9310	-159.99	-465.33	-168.96E-6
	22.00000	7.00000	-8.50000	-37.529	-8.9310	-159.99	-465.28	-169.55E-6
	23.00000	7.00000	-8.50000	-37.417	-8.9310	-159.99	-465.19	-170.55E-6
	24.00000	7.00000	-8.50000	-37.258	-8.9310	-159.99	-465.06	-172.01E-6
	25.00000	7.00000	-8.50000	-37.049	-8.9310	-159.99	-464.89	-174.01E-6
	26.00000	7.00000	-8.50000	-36.786	-8.9310	-159.99	-464.66	-176.65E-6
	27.00000	7.00000	-8.50000	-36.463	-8.9310	-159.99	-464.36	-180.10E-6
	28.00000	7.00000	-8.50000	-36.072	-8.9310	-159.99	-463.97	-184.58E-6
	29.00000	7.00000	-8.50000	-35.603	-8.9310	-159.99	-463.46	-190.45E-6
	30.00000	7.00000	-8.50000	-35.044	-8.9310	-159.99	-462.78	-198.24E-6
	31.00000	7.00000	-8.50000	-34.376	-8.9310	-159.98	-461.85	-208.80E-6
	32.00000	7.00000	-8.50000	-33.576	-8.9310	-159.98	-460.56	-223.56E-6
	33.00000	7.00000	-8.50000	-32.608	-8.9310	-159.97	-458.67	-245.07E-6
	34.00000	7.00000	-8.50000	-31.423	-8.9310	-159.95	-455.72	-278.38E-6
	35.00000	7.00000	-8.50000	-29.939	-8.9310	-159.90	-450.66	-334.88E-6
	36.00000	7.00000	-8.50000	-28.017	-8.9310	-159.67	-440.39	-445.64E-6
	37.00000	7.00000	-8.50000	-25.365	-8.9310	-157.78	-411.01	-719.03E-6
	38.00000	7.00000	-8.50000	-20.328	-8.9310	-79.996	-233.57	-73.981E-6
	39.00000	7.00000	-8.50000	-15.287	-8.9310	-2.2103	-56.133	571.05E-6
	40.00000	7.00000	-8.50000	-12.624	-8.9310	-0.31896	-26.755	297.61E-6
	41.00000	7.00000	-8.50000	-10.682	-8.9310	-0.095939	-16.477	186.75E-6
	42.00000	7.00000	-8.50000	-9.1714	-8.9310	-0.040023	-11.400	130.13E-6
	43.00000	7.00000	-8.50000	-7.9506	-8.9310	-0.020046	-8.4374	96.639E-6
	44.00000	7.00000	-8.50000	-6.9393	-8.9310	-0.011286	-6.5282	74.917E-6
	45.00000	7.00000	-8.50000	-6.0865	-8.9310	-0.0068952	-5.2140	59.908E-6
	46.00000	7.00000	-8.50000	-5.3574	-8.9310	-0.0044755	-4.2652	49.047E-6
	47.00000	7.00000	-8.50000	-4.7273	-8.9310	-0.0030442	-3.5551	40.906E-6
	48.00000	7.00000	-8.50000	-4.1781	-8.9310	-0.0021494	-3.0083	34.629E-6
	49.00000	7.00000	-8.50000	-3.6959	-8.9310	-0.0015646	-2.5775	29.680E-6
	50.00000	7.00000	-8.50000	-3.2700	-8.9310	-0.0011681	-2.2316	25.703E-6
	51.00000	7.00000	-8.50000	-2.8920	-8.9310	-890.97E-6	-1.9494	22.456E-6
	52.00000	7.00000	-8.50000	-2.5552	-8.9310	-692.10E-6	-1.7159	19.771E-6
	53.00000	7.00000	-8.50000	-2.2539	-8.9310	-546.17E-6	-1.5206	17.523E-6
	54.00000	7.00000	-8.50000	-1.9836	-8.9310	-436.99E-6	-1.3556	15.622E-6
	55.00000	7.00000	-8.50000	-1.7405	-8.9310	-353.89E-6	-1.2148	14.001E-6
	56.00000	7.00000	-8.50000	-1.5214	-8.9310	-289.69E-6	-1.0938	12.608E-6
	57.00000	7.00000	-8.50000	-1.3236	-8.9310	-239.42E-6	-0.98909	11.402E-6
	58.00000	7.00000	-8.50000	-1.1448	-8.9310	-199.58E-6	-0.89787	10.351E-6
	59.00000	7.00000	-8.50000	-0.98281	-8.9310	-167.68E-6	-0.81796	9.4300E-6
	60.00000	7.00000	-8.50000	-0.83602	-8.9310	-141.87E-6	-0.74760	8.6192E-6
	-20.00000	8.00000	-8.50000	-0.91709	-8.9310	-157.20E-6	-0.78699	9.0731E-6
	-19.00000	8.00000	-8.50000	-1.0729	-8.9310	-186.36E-6	-0.86301	9.9490E-6
	-18.00000	8.00000	-8.50000	-1.2448	-8.9310	-222.45E-6	-0.94952	10.946E-6
	-17.00000	8.00000	-8.50000	-1.4349	-8.9310	-267.55E-6	-1.0485	12.086E-6
	-16.00000	8.00000	-8.50000	-1.6452	-8.9310	-324.45E-6	-1.1623	13.396E-6
	-15.00000	8.00000	-8.50000	-1.8783	-8.9310	-397.08E-6	-1.2939	14.912E-6
	-14.00000	8.00000	-8.50000	-2.1370	-8.9310	-490.91E-6	-1.4472	16.677E-6
	-13.00000	8.00000	-8.50000	-2.4247	-8.9310	-613.86E-6	-1.6270	18.748E-6
	-12.00000	8.00000	-8.50000	-2.7455	-8.9310	-777.50E-6	-1.8398	21.196E-6
	-11.00000	8.00000	-8.50000	-3.1041	-8.9310	-999.30E-6	-2.0938	24.119E-6
	-10.00000	8.00000	-8.50000	-3.5061	-8.9310	-0.0013062	-2.4004	27.646E-6
	-9.00000	8.00000	-8.50000	-3.9587	-8.9310	-0.0017414	-2.7752	31.953E-6
	-8.00000	8.00000	-8.50000	-4.4703	-8.9310	-0.0023767	-3.2399	37.292E-6
	-7.00000	8.00000	-8.50000	-5.0518	-8.9310	-0.0033370	-3.8264	44.025E-6
	-6.00000	8.00000	-8.50000	-5.7169	-8.9310	-0.0048531	-4.5827	52.698E-6
	-5.00000	8.00000	-8.50000	-6.4836	-8.9310	-0.0073815	-5.5848	64.170E-6
	-4.00000	8.00000	-8.50000	-7.3763	-8.9310	-0.011909	-6.9597	79.873E-6
	-3.00000	8.00000	-8.50000	-8.4291	-8.9310	-0.020838	-8.9363	102.37E-6
	-2.00000	8.00000	-8.50000	-9.6922	-8.9310	-0.041015	-11.972	136.69E-6
	-1.00000	8.00000	-8.50000	-11.245	-8.9310	-0.097160	-17.125	194.19E-6
	0.00000	8.00000	-8.50000	-13.227	-8.9310	-0.32043	-27.481	305.92E-6
	1.00000	8.00000	-8.50000	-15.927	-8.9310	-2.2120	-56.932	580.20E-6
	2.00000	8.00000	-8.50000	-21.001	-8.9310	-79.998	-234.44	-64.070E-6
	3.00000	8.00000	-8.50000	-26.065	-8.9310	-157.78	-411.94	-708.48E-6
	4.00000	8.00000	-8.50000	-28.739	-8.9310	-159.68	-441.35	-434.58E-6
	5.00000	8.00000	-8.50000	-30.678	-8.9310	-159.90	-451.66	-323.45E-6
	6.00000	8.00000	-8.50000	-32.173	-8.9310	-159.95	-456.74	-266.71E-6
	7.00000	8.00000	-8.50000	-33.366	-8.9310	-159.97	-459.70	-233.24E-6
	8.00000	8.00000	-8.50000	-34.337	-8.9310	-159.98	-461.60	-211.66E-6
	9.00000	8.00000	-8.50000	-35.139	-8.9310	-159.99	-462.90	-196.88E-6
	10.00000	8.00000	-8.50000	-35.806	-8.9310	-159.99	-463.82	-186.33E-6
	11.00000	8.00000	-8.50000	-36.364	-8.9310	-159.99	-464.49	-178.57E-6
	12.00000	8.00000	-8.50000	-36.830	-8.9310	-159.99	-465.00	-172.74E-6
	13.00000	8.00000	-8.50000	-37.217	-8.9310	-159.99	-465.39	-168.29E-6
	14.00000	8.00000	-8.50000	-37.537	-8.9310	-159.99	-465.69	-164.89E-6
	15.00000	8.00000	-8.50000	-37.797	-8.9310	-159.99	-465.91	-162.29E-6
	16.00000	8.00000	-8.50000	-38.002	-8.9310	-159.99	-466.08	-160.33E-6
	17.00000	8.00000	-8.50000	-38.157	-8.9310	-159.99	-466.21	-158.91E-6
	18.00000	8.00000	-8.50000	-38.265	-8.9310	-159.99	-466.29	-157.94E-6
	19.00000	8.00000	-8.50000	-38.328	-8.9310	-159.99	-466.34	-157.39E-6
	20.00000	8.00000	-8.50000	-38.347	-8.9310	-159.99	-466.35	-157.23E-6
	21.00000	8.00000	-8.50000	-38.322	-8.9310	-159.99	-466.33	-157.44E-6
	22.00000	8.00000	-8.50000	-38.253	-8.9310	-159.99	-466.28	-158.05E-6
	23.00000	8.00000	-8.50000	-38.138	-8.9310	-159.99	-466.19	-159.09E-6
	24.00000	8.00000	-8.50000	-37.974	-8.9310	-159.99	-466.06	-160.59E-6
	25.00000	8.00000	-8.50000	-37.760	-8.9310	-159.99	-465.88	-162.65E-6
	26.00000	8.00000	-8.50000	-37.489	-8.9310	-159.99	-465.64	-165.37E-6
	27.00000	8.00000	-8.50000	-37.156	-8.9310	-159.99	-465.33	-168.92E-6
	28.00000	8.00000	-8.50000	-36.754	-8.9310	-159.99	-464.93	-173.55E-6
	29.00000	8.00000	-8.50000	-36.272	-8.9310	-159.99	-464.41	-179.59E-6
	30.00000	8.00000	-8.50000	-35.696	-8.9310	-159.99	-463.71	-187.61E-6
	31.00000	8.00000	-8.50000	-35.009	-8.9310	-159.99	-462.76	-198.45E-6
	32.00000	8.00000	-8.50000	-34.185	-8.9310	-159.98	-461.44	-213.55E-6
	33.00000	8.00000	-8.50000	-33.192	-8.9310	-159.97	-459.51	-235.50E-6
	34.00000	8.00000	-8.50000	-31.977	-8.9310	-159.95	-456.51	-269.34E-6
	35.00000	8.00000	-8.50000	-30.460	-8.9310	-159.90	-451.39	-326.47E-6
	36.00000	8.00000	-8.50000	-28.501	-8.9310	-159.67	-441.06	-437.96E-6
	37.00000	8.00000	-8.50000	-25.811	-8.9310	-157.78	-411.61	-712.16E-6
	38.00000	8.00000	-8.50000	-20.734	-8.9310	-79.997	-234.10	-67.964E-6
	39.00000	8.00000	-8.50000	-15.653	-8.9310	-2.2113	-56.584	576.21E-6
	40.00000	8.00000	-8.50000	-12.951	-8.9310	-0.31976	-27.135	301.96E-6
	41.00000	8.00000	-8.50000	-10.972	-8.9310	-0.096535	-16.792	190.37E-6
	42.00000	8.00000	-8

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-12.00000	9.00000	-8.50000	-2.8194	-8.9310	-810.24E-6	-1.8866	21.736E-6
	-11.00000	9.00000	-8.50000	-3.1883	-8.9310	-0.0010427	-2.1500	24.766E-6
	-10.00000	9.00000	-8.50000	-3.6023	-8.9310	-0.0013643	-2.4682	28.425E-6
	-9.00000	9.00000	-8.50000	-4.0685	-8.9310	-0.0018198	-2.8572	32.897E-6
	-8.00000	9.00000	-8.50000	-4.5959	-8.9310	-0.0024832	-3.3395	38.438E-6
	-7.00000	9.00000	-8.50000	-5.1953	-8.9310	-0.0034828	-3.9478	45.421E-6
	-6.00000	9.00000	-8.50000	-5.8809	-8.9310	-0.0050531	-4.7310	54.400E-6
	-5.00000	9.00000	-8.50000	-6.6707	-8.9310	-0.0076555	-5.7656	66.246E-6
	-4.00000	9.00000	-8.50000	-7.5891	-8.9310	-0.012282	-7.1793	82.394E-6
	-3.00000	9.00000	-8.50000	-8.6700	-8.9310	-0.021337	-9.2013	105.41E-6
	-2.00000	9.00000	-8.50000	-9.9633	-8.9310	-0.041668	-12.288	140.31E-6
	-1.00000	9.00000	-8.50000	-11.547	-8.9310	-0.097981	-17.495	198.43E-6
	0.00000	9.00000	-8.50000	-13.561	-8.9310	-0.32142	-27.905	310.78E-6
	1.00000	9.00000	-8.50000	-16.292	-8.9310	-2.2132	-57.408	585.65E-6
	2.00000	9.00000	-8.50000	-21.395	-8.9310	-79.999	-234.96	-58.095E-6
	3.00000	9.00000	-8.50000	-26.486	-8.9310	-157.79	-412.50	-702.06E-6
	4.00000	9.00000	-8.50000	-29.185	-8.9310	-159.68	-441.95	-427.79E-6
	5.00000	9.00000	-8.50000	-31.145	-8.9310	-159.90	-452.28	-316.36E-6
	6.00000	9.00000	-8.50000	-32.660	-8.9310	-159.96	-457.38	-259.37E-6
	7.00000	9.00000	-8.50000	-33.870	-8.9310	-159.98	-460.36	-225.69E-6
	8.00000	9.00000	-8.50000	-34.857	-8.9310	-159.98	-462.28	-203.93E-6
	9.00000	9.00000	-8.50000	-35.672	-8.9310	-159.99	-463.58	-189.01E-6
	10.00000	9.00000	-8.50000	-36.351	-8.9310	-159.99	-464.52	-178.33E-6
	11.00000	9.00000	-8.50000	-36.919	-8.9310	-159.99	-465.20	-170.47E-6
	12.00000	9.00000	-8.50000	-37.394	-8.9310	-159.99	-465.72	-164.55E-6
	13.00000	9.00000	-8.50000	-37.789	-8.9310	-159.99	-466.11	-160.03E-6
	14.00000	9.00000	-8.50000	-38.116	-8.9310	-159.99	-466.41	-156.57E-6
	15.00000	9.00000	-8.50000	-38.381	-8.9310	-159.99	-466.64	-153.92E-6
	16.00000	9.00000	-8.50000	-38.591	-8.9310	-160.00	-466.82	-151.92E-6
	17.00000	9.00000	-8.50000	-38.749	-8.9310	-160.00	-466.94	-150.47E-6
	18.00000	9.00000	-8.50000	-38.860	-8.9310	-160.00	-467.03	-149.48E-6
	19.00000	9.00000	-8.50000	-38.924	-8.9310	-160.00	-467.08	-148.92E-6
	20.00000	9.00000	-8.50000	-38.943	-8.9310	-160.00	-467.09	-148.75E-6
	21.00000	9.00000	-8.50000	-38.918	-8.9310	-160.00	-467.07	-148.97E-6
	22.00000	9.00000	-8.50000	-38.847	-8.9310	-160.00	-467.02	-149.60E-6
	23.00000	9.00000	-8.50000	-38.730	-8.9310	-160.00	-466.93	-150.65E-6
	24.00000	9.00000	-8.50000	-38.563	-8.9310	-160.00	-466.79	-152.19E-6
	25.00000	9.00000	-8.50000	-38.343	-8.9310	-159.99	-466.61	-154.30E-6
	26.00000	9.00000	-8.50000	-38.066	-8.9310	-159.99	-466.37	-157.09E-6
	27.00000	9.00000	-8.50000	-37.726	-8.9310	-159.99	-466.05	-160.73E-6
	28.00000	9.00000	-8.50000	-37.314	-8.9310	-159.99	-465.64	-165.47E-6
	29.00000	9.00000	-8.50000	-36.820	-8.9310	-159.99	-465.10	-171.65E-6
	30.00000	9.00000	-8.50000	-36.230	-8.9310	-159.99	-464.38	-179.85E-6
	31.00000	9.00000	-8.50000	-35.527	-8.9310	-159.99	-463.42	-190.91E-6
	32.00000	9.00000	-8.50000	-34.685	-8.9310	-159.98	-462.07	-206.28E-6
	33.00000	9.00000	-8.50000	-33.670	-8.9310	-159.98	-460.11	-228.55E-6
	34.00000	9.00000	-8.50000	-32.431	-8.9310	-159.96	-457.09	-262.78E-6
	35.00000	9.00000	-8.50000	-30.888	-8.9310	-159.90	-451.93	-320.36E-6
	36.00000	9.00000	-8.50000	-28.901	-8.9310	-159.68	-441.55	-432.36E-6
	37.00000	9.00000	-8.50000	-26.180	-8.9310	-157.78	-412.06	-707.10E-6
	38.00000	9.00000	-8.50000	-21.072	-8.9310	-79.998	-234.49	-63.482E-6
	39.00000	9.00000	-8.50000	-15.960	-8.9310	-2.2120	-56.925	580.12E-6
	40.00000	9.00000	-8.50000	-13.227	-8.9310	-0.32026	-27.427	305.31E-6
	41.00000	9.00000	-8.50000	-11.219	-8.9310	-0.096930	-17.040	193.21E-6
	42.00000	9.00000	-8.50000	-9.6473	-8.9310	-0.040764	-11.868	135.50E-6
	43.00000	9.00000	-8.50000	-8.3708	-8.9310	-0.020593	-8.8245	101.08E-6
	44.00000	9.00000	-8.50000	-7.3096	-8.9310	-0.011688	-6.8476	78.588E-6
	45.00000	9.00000	-8.50000	-6.4124	-8.9310	-0.0071906	-5.4776	62.939E-6
	46.00000	9.00000	-8.50000	-5.6442	-8.9310	-0.0046937	-4.4832	51.555E-6
	47.00000	9.00000	-8.50000	-4.9797	-8.9310	-0.0032063	-3.7360	42.987E-6
	48.00000	9.00000	-8.50000	-4.4003	-8.9310	-0.0022708	-3.1590	36.363E-6
	49.00000	9.00000	-8.50000	-3.8917	-8.9310	-0.0016563	-2.7036	31.130E-6
	50.00000	9.00000	-8.50000	-3.4427	-8.9310	-0.0012380	-2.3375	26.921E-6
	51.00000	9.00000	-8.50000	-3.0445	-8.9310	-944.64E-6	-2.0387	23.485E-6
	52.00000	9.00000	-8.50000	-2.6900	-8.9310	-733.69E-6	-1.7916	20.642E-6
	53.00000	9.00000	-8.50000	-2.3732	-8.9310	-578.66E-6	-1.5851	18.265E-6
	54.00000	9.00000	-8.50000	-2.0893	-8.9310	-462.56E-6	-1.4106	16.257E-6
	55.00000	9.00000	-8.50000	-1.8342	-8.9310	-374.17E-6	-1.2620	14.546E-6
	56.00000	9.00000	-8.50000	-1.6046	-8.9310	-305.88E-6	-1.1345	13.077E-6
	57.00000	9.00000	-8.50000	-1.3976	-8.9310	-252.43E-6	-1.0243	11.807E-6
	58.00000	9.00000	-8.50000	-1.2105	-8.9310	-210.10E-6	-0.92841	10.703E-6
	59.00000	9.00000	-8.50000	-1.0413	-8.9310	-176.23E-6	-0.84455	9.7365E-6
	60.00000	9.00000	-8.50000	-0.88810	-8.9310	-148.87E-6	-0.77083	8.8870E-6
	-20.00000	10.00000	-8.50000	-0.96799	-8.9310	-166.01E-6	-0.81128	9.3530E-6
	-19.00000	10.00000	-8.50000	-1.1304	-8.9310	-197.36E-6	-0.89119	10.274E-6
	-18.00000	10.00000	-8.50000	-1.3099	-8.9310	-236.30E-6	-0.98235	11.324E-6
	-17.00000	10.00000	-8.50000	-1.5086	-8.9310	-285.09E-6	-1.0869	12.528E-6
	-16.00000	10.00000	-8.50000	-1.7288	-8.9310	-346.87E-6	-1.2074	13.916E-6
	-15.00000	10.00000	-8.50000	-1.9732	-8.9310	-425.93E-6	-1.3471	15.525E-6
	-14.00000	10.00000	-8.50000	-2.2449	-8.9310	-528.38E-6	-1.5103	17.404E-6
	-13.00000	10.00000	-8.50000	-2.5476	-8.9310	-662.95E-6	-1.7023	19.614E-6
	-12.00000	10.00000	-8.50000	-2.8856	-8.9310	-842.44E-6	-1.9299	22.234E-6
	-11.00000	10.00000	-8.50000	-3.2640	-8.9310	-0.0010860	-2.2023	25.368E-6
	-10.00000	10.00000	-8.50000	-3.6889	-8.9310	-0.0014232	-2.5317	29.156E-6
	-9.00000	10.00000	-8.50000	-4.1679	-8.9310	-0.0019009	-2.9347	33.788E-6
	-8.00000	10.00000	-8.50000	-4.7098	-8.9310	-0.0025962	-3.4346	39.531E-6
	-7.00000	10.00000	-8.50000	-5.3261	-8.9310	-0.0036417	-4.0650	46.767E-6
	-6.00000	10.00000	-8.50000	-6.0309	-8.9310	-0.0052786	-4.8759	56.064E-6
	-5.00000	10.00000	-8.50000	-6.8425	-8.9310	-0.0079768	-5.9449	68.303E-6
	-4.00000	10.00000	-8.50000	-7.7852	-8.9310	-0.012738	-7.4004	84.929E-6
	-3.00000	10.00000	-8.50000	-8.8927	-8.9310	-0.021974	-9.4717	108.50E-6
	-2.00000	10.00000	-8.50000	-10.214	-8.9310	-0.042528	-12.613	144.03E-6
	-1.00000	10.00000	-8.50000	-11.827	-8.9310	-0.099084	-17.877	202.79E-6
	0.00000	10.00000	-8.50000	-13.867	-8.9310	-0.32274	-28.339	315.74E-6
	1.00000	10.00000	-8.50000	-16.624	-8.9310	-2.2146	-57.882	591.08E-6
	2.00000	10.00000	-8.50000	-21.748	-8.9310	-80.001	-235.46	-52.372E-6
	3.00000	10.00000	-8.50000	-26.857	-8.9310	-157.79	-413.01	-696.19E-6
	4.00000	10.00000	-8.50000	-29.571	-8.9310	-159.68	-442.46	-421.88E-6
	5.00000	10.00000	-8.50000	-31.544	-8.9310	-159.90	-452.79	-310.44E-6
	6.00000	10.00000	-8.50000	-33.070	-8.9310	-159.96	-457.90	-253.45E-6
	7.00000	10.00000	-8.50000	-34.290	-8.9310	-159.98	-460.88	-219.77E-6
	8.00000	10.00000	-8.50000	-35.286	-8.9310	-159.99	-462.79	-197.98E-6
	9.00000	10.00000	-8.50000	-36.110	-8.9310	-159.99	-464.10	-183.03E-6
	10.00000	10.00000	-8.50000	-36.796	-8.9310	-159.99	-465.04	-172.31E-6
	11.00000	10.00000	-8.50000	-37.371	-8.9310	-159.99	-465.73	-164.40E-6
	12.00000	10.00000	-8.50000	-37.852	-8.9310	-159.99	-466.25	-158.44E-6
	13.00000	10.00000	-8.50000	-38.253	-8.9310	-160.00	-466.65	-153.89E-6
	14.00000	10.00000	-8.50000	-38.585	-8.9310	-160.00	-466.95	-150.39E-6
	15.00000	10.00000	-8.50000	-38.854	-8.9310	-160.00	-467.18	-147.71E-6
	16.00000	10.00000	-8.50000	-39.067	-8.9310	-160.00	-467.36	-145.69E-6
	17.00000	10.00000	-8.50000	-39.228	-8.9310	-160.00	-467.49	-144.21E-6
	18.00000	10.00000	-8.50000	-39.341	-8.9310	-160.00	-467.57	-143.21E-6
	19.00000	10.00000	-8.50000	-39.407	-8.9310	-160.00	-467.62	-142.63E-6
	20.00000	10.00000	-8.50000	-39.427	-8.9310	-160.00	-467.64	-142.46E-6
	21.00000	10.00000	-8.50000	-39.402	-8.9310	-160.00	-467.62	-142.68E-6
	22.00000	10.00000	-8.50000	-39.330	-8.9310	-160.00	-467.57	-143.31E-6
	23.00000	10.00000	-8.50000	-39.211	-8.9310	-160.00	-467.47	-144.39E-6
	24.00000	10.00000	-8.50000	-39.041	-8.9310	-160.00	-467.34	-145.95E-6
	25.00000	10.00000	-8.50000	-38.818	-8.9310	-160.00	-467.15	-148.10E-6
	26.00000	10.00000	-8.50000	-38.536	-8.9310	-160.00	-466.90	-150.94E-6
	27.00000	10.00000	-8.50000	-38.189	-8.9310	-160.00	-466.58	-154.65E-6
	28.00000	10.00000	-8.50000	-37.769	-8.9310	-159.99	-466.18	-159.47E-6
	29.00000	10.00000	-8.50000	-37.265	-8.9310	-159.99	-465.61	-165.78E-6
	30.00000	10.00000	-8.50000	-36.664	-8.9310	-159.99	-464.88	-174.11E-6
	31.00000	10.00000	-8.50000	-35.948	-8.9310	-159.99	-463.90	-185.33E-6
	32.00000	10.00000	-8.50000	-35.091	-8.9310	-159.99	-462.54	-200.91E-6
	33.00000	10.00000	-8.50000	-34.059	-8.9310	-159.98	-460.56	-223.43E-6
	34.00000	10.00000	-8.50000	-32.801	-8.9310	-159.96	-457.51	-257.94E-6
	35.00000	10.00000	-8.50000	-31.237	-8.9310	-159.90	-452.32	-315.84E-6
	36.00000	10.00000	-8.50000	-29.227	-8.9310	-159.68	-441.91	-428.19E-6
	37.00000	10.00000	-8.50000	-26.483	-8.9310	-157.78	-412.38	-703.32E-6
	38.00000	10.00000	-8.50000	-21.351	-8.9310	-79.998	-234.79	-60.102E-6
	39.00000	10.00000	-8.50000	-16.214	-8.9310	-2.2124	-57.184	583.10E-6
	40.00000	10.00000	-8.50000	-13.457	-8.9310	-0.32060	-27.653	307.91E-6
	41.00000	10.00000	-8.50000	-11.427	-8.9310	-0.097199	-17.234	195.45E-6
	42.00000	10.00000	-8.50000	-9.8330	-8.9310	-0.040975	-12.034	137.41E-6
	43.00000	10.00000	-8.50000	-8.5364	-8.9310	-0.020758	-8.9651	102.70E-6
	44.00000	10.00000	-8.50000	-7.4567	-8.9310	-0.011815	-6.9663	79.952E-6
	45.00000	10.00000	-8.50000	-6.5429	-8.9310	-0.0072885	-5.5775	64.089E-6
	46.00000	10.00000	-8.50000	-5.7597	-8.9310	-0.0047688	-4.5673	52.523E-6
	47.00000	10.00000	-8.50000	-5.0819	-8.9310	-0.0032641	-3.8068	43.801E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	48.00000	10.00000	-8.50000	-4.4907	-8.9310	-0.0023153	-3.2187	37.050E-6
	49.00000	10.00000	-8.50000	-3.9717	-8.9310	-0.0016907	-2.7539	31.710E-6
	50.00000	10.00000	-8.50000	-3.5135	-8.9310	-0.0012647	-2.3801	27.413E-6
	51.00000	10.00000	-8.50000	-3.1072	-8.9310	-965.52E-6	-2.0749	23.902E-6
	52.00000	10.00000	-8.50000	-2.7454	-8.9310	-750.08E-6	-1.8225	20.998E-6
	53.00000	10.00000	-8.50000	-2.4223	-8.9310	-591.61E-6	-1.6114	18.568E-6
	54.00000	10.00000	-8.50000	-2.1329	-8.9310	-472.84E-6	-1.4332	16.517E-6
	55.00000	10.00000	-8.50000	-1.8729	-8.9310	-382.38E-6	-1.2815	14.770E-6
	56.00000	10.00000	-8.50000	-1.6390	-8.9310	-312.47E-6	-1.1513	13.270E-6
	57.00000	10.00000	-8.50000	-1.4281	-8.9310	-257.76E-6	-1.0388	11.974E-6
	58.00000	10.00000	-8.50000	-1.2377	-8.9310	-214.43E-6	-0.94101	10.848E-6
	59.00000	10.00000	-8.50000	-1.0655	-8.9310	-179.76E-6	-0.85553	9.8630E-6
	60.00000	10.00000	-8.50000	-0.90963	-8.9310	-151.76E-6	-0.78043	8.9976E-6
	-20.00000	11.00000	-8.50000	-0.98848	-8.9310	-169.84E-6	-0.82128	9.4682E-6
	-19.00000	11.00000	-8.50000	-1.1536	-8.9310	-202.20E-6	-0.90285	10.408E-6
	-18.00000	11.00000	-8.50000	-1.3362	-8.9310	-242.45E-6	-0.99601	11.481E-6
	-17.00000	11.00000	-8.50000	-1.5385	-8.9310	-292.98E-6	-1.1029	12.713E-6
	-16.00000	11.00000	-8.50000	-1.7628	-8.9310	-357.07E-6	-1.2264	14.135E-6
	-15.00000	11.00000	-8.50000	-2.0120	-8.9310	-439.27E-6	-1.3698	15.786E-6
	-14.00000	11.00000	-8.50000	-2.2892	-8.9310	-546.00E-6	-1.5374	17.716E-6
	-13.00000	11.00000	-8.50000	-2.5983	-8.9310	-686.49E-6	-1.7349	19.990E-6
	-12.00000	11.00000	-8.50000	-2.9436	-8.9310	-874.30E-6	-1.9694	22.689E-6
	-11.00000	11.00000	-8.50000	-3.3307	-8.9310	-0.0011298	-2.2505	25.922E-6
	-10.00000	11.00000	-8.50000	-3.7657	-8.9310	-0.0014842	-2.5909	29.837E-6
	-9.00000	11.00000	-8.50000	-4.2563	-8.9310	-0.0019873	-3.0080	34.631E-6
	-8.00000	11.00000	-8.50000	-4.8119	-8.9310	-0.0027209	-3.5261	40.582E-6
	-7.00000	11.00000	-8.50000	-5.4441	-8.9310	-0.0038252	-4.1801	48.088E-6
	-6.00000	11.00000	-8.50000	-6.1673	-8.9310	-0.0055536	-5.0216	57.736E-6
	-5.00000	11.00000	-8.50000	-7.0002	-8.9310	-0.0083951	-6.1305	70.430E-6
	-4.00000	11.00000	-8.50000	-7.9671	-8.9310	-0.013379	-7.6374	87.640E-6
	-3.00000	11.00000	-8.50000	-9.1014	-8.9310	-0.022948	-9.7726	111.94E-6
	-2.00000	11.00000	-8.50000	-10.451	-8.9310	-0.043962	-12.989	148.32E-6
	-1.00000	11.00000	-8.50000	-12.092	-8.9310	-0.10106	-18.331	207.97E-6
	0.00000	11.00000	-8.50000	-14.159	-8.9310	-0.32519	-28.861	321.68E-6
	1.00000	11.00000	-8.50000	-16.936	-8.9310	-2.2173	-58.445	597.47E-6
	2.00000	11.00000	-8.50000	-22.074	-8.9310	-80.003	-236.03	-45.913E-6
	3.00000	11.00000	-8.50000	-27.192	-8.9310	-157.79	-413.55	-689.98E-6
	4.00000	11.00000	-8.50000	-29.910	-8.9310	-159.68	-442.97	-416.07E-6
	5.00000	11.00000	-8.50000	-31.886	-8.9310	-159.90	-453.26	-305.03E-6
	6.00000	11.00000	-8.50000	-33.414	-8.9310	-159.96	-458.34	-248.37E-6
	7.00000	11.00000	-8.50000	-34.637	-8.9310	-159.98	-461.30	-214.92E-6
	8.00000	11.00000	-8.50000	-35.636	-8.9310	-159.99	-463.20	-193.29E-6
	9.00000	11.00000	-8.50000	-36.463	-8.9310	-159.99	-464.51	-178.42E-6
	10.00000	11.00000	-8.50000	-37.154	-8.9310	-159.99	-465.44	-167.75E-6
	11.00000	11.00000	-8.50000	-37.732	-8.9310	-159.99	-466.13	-159.86E-6
	12.00000	11.00000	-8.50000	-38.217	-8.9310	-160.00	-466.65	-153.90E-6
	13.00000	11.00000	-8.50000	-38.622	-8.9310	-160.00	-467.04	-149.33E-6
	14.00000	11.00000	-8.50000	-38.956	-8.9310	-160.00	-467.35	-145.82E-6
	15.00000	11.00000	-8.50000	-39.228	-8.9310	-160.00	-467.58	-143.13E-6
	16.00000	11.00000	-8.50000	-39.444	-8.9310	-160.00	-467.76	-141.09E-6
	17.00000	11.00000	-8.50000	-39.608	-8.9310	-160.00	-467.89	-139.60E-6
	18.00000	11.00000	-8.50000	-39.722	-8.9310	-160.00	-467.98	-138.58E-6
	19.00000	11.00000	-8.50000	-39.789	-8.9310	-160.00	-468.03	-137.99E-6
	20.00000	11.00000	-8.50000	-39.810	-8.9310	-160.00	-468.04	-137.81E-6
	21.00000	11.00000	-8.50000	-39.785	-8.9310	-160.00	-468.03	-138.03E-6
	22.00000	11.00000	-8.50000	-39.713	-8.9310	-160.00	-467.97	-138.66E-6
	23.00000	11.00000	-8.50000	-39.593	-8.9310	-160.00	-467.88	-139.75E-6
	24.00000	11.00000	-8.50000	-39.421	-8.9310	-160.00	-467.74	-141.33E-6
	25.00000	11.00000	-8.50000	-39.195	-8.9310	-160.00	-467.55	-143.51E-6
	26.00000	11.00000	-8.50000	-38.909	-8.9310	-160.00	-467.30	-146.39E-6
	27.00000	11.00000	-8.50000	-38.557	-8.9310	-160.00	-466.97	-150.15E-6
	28.00000	11.00000	-8.50000	-38.131	-8.9310	-160.00	-466.55	-155.03E-6
	29.00000	11.00000	-8.50000	-37.620	-8.9310	-159.99	-465.99	-161.42E-6
	30.00000	11.00000	-8.50000	-37.011	-8.9310	-159.99	-465.25	-169.85E-6
	31.00000	11.00000	-8.50000	-36.284	-8.9310	-159.99	-464.26	-181.21E-6
	32.00000	11.00000	-8.50000	-35.415	-8.9310	-159.99	-462.88	-196.94E-6
	33.00000	11.00000	-8.50000	-34.370	-8.9310	-159.98	-460.89	-219.63E-6
	34.00000	11.00000	-8.50000	-33.097	-8.9310	-159.96	-457.82	-254.36E-6
	35.00000	11.00000	-8.50000	-31.516	-8.9310	-159.90	-452.61	-312.48E-6
	36.00000	11.00000	-8.50000	-29.490	-8.9310	-159.68	-442.18	-425.09E-6
	37.00000	11.00000	-8.50000	-26.727	-8.9310	-157.78	-412.63	-700.49E-6
	38.00000	11.00000	-8.50000	-21.576	-8.9310	-79.999	-235.01	-57.551E-6
	39.00000	11.00000	-8.50000	-16.421	-8.9310	-2.2127	-57.382	585.37E-6
	40.00000	11.00000	-8.50000	-13.645	-8.9310	-0.32082	-27.827	309.90E-6
	41.00000	11.00000	-8.50000	-11.597	-8.9310	-0.097384	-17.386	197.19E-6
	42.00000	11.00000	-8.50000	-9.9862	-8.9310	-0.041125	-12.165	138.91E-6
	43.00000	11.00000	-8.50000	-8.6736	-8.9310	-0.020877	-9.0771	103.99E-6
	44.00000	11.00000	-8.50000	-7.5793	-8.9310	-0.011910	-7.0618	81.051E-6
	45.00000	11.00000	-8.50000	-6.6520	-8.9310	-0.0073625	-5.6587	65.023E-6
	46.00000	11.00000	-8.50000	-5.8567	-8.9310	-0.0048267	-4.6362	53.315E-6
	47.00000	11.00000	-8.50000	-5.1680	-8.9310	-0.0033093	-3.8652	44.474E-6
	48.00000	11.00000	-8.50000	-4.5670	-8.9310	-0.0023507	-3.2682	37.620E-6
	49.00000	11.00000	-8.50000	-4.0393	-8.9310	-0.0017184	-2.7960	32.194E-6
	50.00000	11.00000	-8.50000	-3.5734	-8.9310	-0.0012865	-2.4159	27.824E-6
	51.00000	11.00000	-8.50000	-3.1603	-8.9310	-982.68E-6	-2.1054	24.253E-6
	52.00000	11.00000	-8.50000	-2.7926	-8.9310	-763.66E-6	-1.8485	21.298E-6
	53.00000	11.00000	-8.50000	-2.4641	-8.9310	-602.40E-6	-1.6337	18.825E-6
	54.00000	11.00000	-8.50000	-2.1700	-8.9310	-481.46E-6	-1.4524	16.738E-6
	55.00000	11.00000	-8.50000	-1.9059	-8.9310	-389.29E-6	-1.2980	14.960E-6
	56.00000	11.00000	-8.50000	-1.6683	-8.9310	-318.05E-6	-1.1655	13.434E-6
	57.00000	11.00000	-8.50000	-1.4541	-8.9310	-262.27E-6	-1.0511	12.117E-6
	58.00000	11.00000	-8.50000	-1.2608	-8.9310	-218.10E-6	-0.95174	10.972E-6
	59.00000	11.00000	-8.50000	-1.0861	-8.9310	-182.76E-6	-0.86488	9.9708E-6
	60.00000	11.00000	-8.50000	-0.92798	-8.9310	-154.22E-6	-0.78860	9.0918E-6
	-20.00000	12.00000	-8.50000	-1.0054	-8.9310	-173.25E-6	-0.82973	9.5656E-6
	-19.00000	12.00000	-8.50000	-1.1729	-8.9310	-206.54E-6	-0.91275	10.522E-6
	-18.00000	12.00000	-8.50000	-1.3582	-8.9310	-248.02E-6	-1.0077	11.616E-6
	-17.00000	12.00000	-8.50000	-1.5635	-8.9310	-300.20E-6	-1.1168	12.872E-6
	-16.00000	12.00000	-8.50000	-1.7914	-8.9310	-366.52E-6	-1.2429	14.325E-6
	-15.00000	12.00000	-8.50000	-2.0446	-8.9310	-451.78E-6	-1.3895	16.013E-6
	-14.00000	12.00000	-8.50000	-2.3266	-8.9310	-562.78E-6	-1.5612	17.991E-6
	-13.00000	12.00000	-8.50000	-2.6412	-8.9310	-709.32E-6	-1.7639	20.323E-6
	-12.00000	12.00000	-8.50000	-2.9931	-8.9310	-905.85E-6	-2.0049	23.097E-6
	-11.00000	12.00000	-8.50000	-3.3878	-8.9310	-0.0011742	-2.2945	26.428E-6
	-10.00000	12.00000	-8.50000	-3.8319	-8.9310	-0.0015480	-2.6458	30.468E-6
	-9.00000	12.00000	-8.50000	-4.3333	-8.9310	-0.0020811	-3.0773	35.427E-6
	-8.00000	12.00000	-8.50000	-4.9017	-8.9310	-0.0028624	-3.6146	41.599E-6
	-7.00000	12.00000	-8.50000	-5.5491	-8.9310	-0.0040451	-4.2947	49.403E-6
	-6.00000	12.00000	-8.50000	-6.2905	-8.9310	-0.0059062	-5.1722	59.461E-6
	-5.00000	12.00000	-8.50000	-7.1449	-8.9310	-0.0089784	-6.3312	72.725E-6
	-4.00000	12.00000	-8.50000	-8.1374	-8.9310	-0.014369	-7.9082	90.730E-6
	-3.00000	12.00000	-8.50000	-9.3012	-8.9310	-0.024646	-10.140	116.12E-6
	-2.00000	12.00000	-8.50000	-10.684	-8.9310	-0.046812	-13.482	153.91E-6
	-1.00000	12.00000	-8.50000	-12.358	-8.9310	-0.10551	-18.969	215.17E-6
	0.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	27.00000	12.00000	-8.50000	-38.842	-8.9310	-160.00	-467.26	-146.86E-6
	28.00000	12.00000	-8.50000	-38.411	-8.9310	-160.00	-466.83	-151.80E-6
	29.00000	12.00000	-8.50000	-37.895	-8.9310	-159.99	-466.27	-158.24E-6
	30.00000	12.00000	-8.50000	-37.279	-8.9310	-159.99	-465.52	-166.75E-6
	31.00000	12.00000	-8.50000	-36.544	-8.9310	-159.99	-464.52	-178.20E-6
	32.00000	12.00000	-8.50000	-35.666	-8.9310	-159.99	-463.14	-194.04E-6
	33.00000	12.00000	-8.50000	-34.611	-8.9310	-159.98	-461.13	-216.86E-6
	34.00000	12.00000	-8.50000	-33.327	-8.9310	-159.96	-458.05	-251.73E-6
	35.00000	12.00000	-8.50000	-31.734	-8.9310	-159.90	-452.83	-310.02E-6
	36.00000	12.00000	-8.50000	-29.695	-8.9310	-159.68	-442.38	-422.81E-6
	37.00000	12.00000	-8.50000	-26.918	-8.9310	-157.79	-412.81	-698.40E-6
	38.00000	12.00000	-8.50000	-21.753	-8.9310	-79.999	-235.17	-55.653E-6
	39.00000	12.00000	-8.50000	-16.584	-8.9310	-2.2128	-57.530	587.07E-6
	40.00000	12.00000	-8.50000	-13.794	-8.9310	-0.32098	-27.958	311.41E-6
	41.00000	12.00000	-8.50000	-11.732	-8.9310	-0.097512	-17.501	198.51E-6
	42.00000	12.00000	-8.50000	-10.108	-8.9310	-0.041230	-12.265	140.06E-6
	43.00000	12.00000	-8.50000	-8.7835	-8.9310	-0.020962	-9.1639	104.99E-6
	44.00000	12.00000	-8.50000	-7.6778	-8.9310	-0.011978	-7.1364	81.910E-6
	45.00000	12.00000	-8.50000	-6.7400	-8.9310	-0.0074175	-5.7227	65.759E-6
	46.00000	12.00000	-8.50000	-5.9351	-8.9310	-0.0048704	-4.6909	53.944E-6
	47.00000	12.00000	-8.50000	-5.2378	-8.9310	-0.0033439	-3.9118	45.010E-6
	48.00000	12.00000	-8.50000	-4.6290	-8.9310	-0.0023781	-3.3080	38.078E-6
	49.00000	12.00000	-8.50000	-4.0944	-8.9310	-0.0017401	-2.8299	32.585E-6
	50.00000	12.00000	-8.50000	-3.6223	-8.9310	-0.0013037	-2.4448	28.158E-6
	51.00000	12.00000	-8.50000	-3.2037	-8.9310	-996.34E-6	-2.1301	24.538E-6
	52.00000	12.00000	-8.50000	-2.8310	-8.9310	-774.55E-6	-1.8697	21.542E-6
	53.00000	12.00000	-8.50000	-2.4983	-8.9310	-611.10E-6	-1.6519	19.035E-6
	54.00000	12.00000	-8.50000	-2.2003	-8.9310	-488.44E-6	-1.4680	16.918E-6
	55.00000	12.00000	-8.50000	-1.9328	-8.9310	-394.91E-6	-1.3115	15.115E-6
	56.00000	12.00000	-8.50000	-1.6922	-8.9310	-322.59E-6	-1.1772	13.569E-6
	57.00000	12.00000	-8.50000	-1.4754	-8.9310	-265.95E-6	-1.0612	12.233E-6
	58.00000	12.00000	-8.50000	-1.2798	-8.9310	-221.10E-6	-0.96053	11.073E-6
	59.00000	12.00000	-8.50000	-1.1030	-8.9310	-185.22E-6	-0.87254	10.059E-6
	60.00000	12.00000	-8.50000	-0.94301	-8.9310	-156.25E-6	-0.79529	9.1689E-6
	-20.00000	13.00000	-8.50000	-1.0187	-8.9310	-176.19E-6	-0.83654	9.6441E-6
	-19.00000	13.00000	-8.50000	-1.1880	-8.9310	-210.32E-6	-0.92079	10.615E-6
	-18.00000	13.00000	-8.50000	-1.3754	-8.9310	-252.93E-6	-1.0172	11.726E-6
	-17.00000	13.00000	-8.50000	-1.5833	-8.9310	-306.65E-6	-1.1282	13.004E-6
	-16.00000	13.00000	-8.50000	-1.8140	-8.9310	-375.10E-6	-1.2566	14.483E-6
	-15.00000	13.00000	-8.50000	-2.0707	-8.9310	-463.33E-6	-1.4061	16.205E-6
	-14.00000	13.00000	-8.50000	-2.3567	-8.9310	-578.57E-6	-1.5816	18.225E-6
	-13.00000	13.00000	-8.50000	-2.6761	-8.9310	-731.26E-6	-1.7889	20.611E-6
	-12.00000	13.00000	-8.50000	-3.0336	-8.9310	-936.92E-6	-2.0362	23.456E-6
	-11.00000	13.00000	-8.50000	-3.4350	-8.9310	-0.0012191	-2.3338	26.880E-6
	-10.00000	13.00000	-8.50000	-3.8871	-8.9310	-0.0016147	-2.6959	31.040E-6
	-9.00000	13.00000	-8.50000	-4.3983	-8.9310	-0.0021831	-3.1422	36.173E-6
	-8.00000	13.00000	-8.50000	-4.9786	-8.9310	-0.0030237	-3.7002	42.580E-6
	-7.00000	13.00000	-8.50000	-5.6406	-8.9310	-0.0043108	-4.4097	50.721E-6
	-6.00000	13.00000	-8.50000	-6.4001	-8.9310	-0.0063643	-5.3305	61.271E-6
	-5.00000	13.00000	-8.50000	-7.2772	-8.9310	-0.0098097	-6.5549	75.276E-6
	-4.00000	13.00000	-8.50000	-8.2980	-8.9310	-0.015959	-8.2334	94.427E-6
	-3.00000	13.00000	-8.50000	-9.4971	-8.9310	-0.027826	-10.625	121.60E-6
	-2.00000	13.00000	-8.50000	-10.922	-8.9310	-0.053256	-14.212	162.10E-6
	-1.00000	13.00000	-8.50000	-12.643	-8.9310	-0.11780	-20.034	227.03E-6
	0.00000	13.00000	-8.50000	-14.780	-8.9310	-0.35082	-31.035	345.87E-6
	1.00000	13.00000	-8.50000	-17.598	-8.9310	-2.2473	-60.840	624.06E-6
	2.00000	13.00000	-8.50000	-22.737	-8.9310	-80.029	-238.25	-21.147E-6
	3.00000	13.00000	-8.50000	-27.826	-8.9310	-157.81	-415.36	-669.78E-6
	4.00000	13.00000	-8.50000	-30.504	-8.9310	-159.69	-444.34	-400.62E-6
	5.00000	13.00000	-8.50000	-32.443	-8.9310	-159.91	-454.31	-293.20E-6
	6.00000	13.00000	-8.50000	-33.942	-8.9310	-159.96	-459.17	-238.96E-6
	7.00000	13.00000	-8.50000	-35.144	-8.9310	-159.98	-461.99	-207.04E-6
	8.00000	13.00000	-8.50000	-36.129	-8.9310	-159.99	-463.81	-186.36E-6
	9.00000	13.00000	-8.50000	-36.948	-8.9310	-159.99	-465.06	-172.07E-6
	10.00000	13.00000	-8.50000	-37.634	-8.9310	-159.99	-465.96	-161.76E-6
	11.00000	13.00000	-8.50000	-38.211	-8.9310	-160.00	-466.63	-154.09E-6
	12.00000	13.00000	-8.50000	-38.696	-8.9310	-160.00	-467.14	-148.26E-6
	13.00000	13.00000	-8.50000	-39.102	-8.9310	-160.00	-467.53	-143.77E-6
	14.00000	13.00000	-8.50000	-39.439	-8.9310	-160.00	-467.83	-140.29E-6
	15.00000	13.00000	-8.50000	-39.714	-8.9310	-160.00	-468.06	-137.60E-6
	16.00000	13.00000	-8.50000	-39.933	-8.9310	-160.00	-468.24	-135.55E-6
	17.00000	13.00000	-8.50000	-40.099	-8.9310	-160.00	-468.37	-134.05E-6
	18.00000	13.00000	-8.50000	-40.217	-8.9310	-160.00	-468.46	-133.01E-6
	19.00000	13.00000	-8.50000	-40.287	-8.9310	-160.00	-468.52	-132.40E-6
	20.00000	13.00000	-8.50000	-40.310	-8.9310	-160.00	-468.53	-132.19E-6
	21.00000	13.00000	-8.50000	-40.287	-8.9310	-160.00	-468.52	-132.39E-6
	22.00000	13.00000	-8.50000	-40.216	-8.9310	-160.00	-468.46	-133.00E-6
	23.00000	13.00000	-8.50000	-40.096	-8.9310	-160.00	-468.37	-134.08E-6
	24.00000	13.00000	-8.50000	-39.923	-8.9310	-160.00	-468.23	-135.66E-6
	25.00000	13.00000	-8.50000	-39.695	-8.9310	-160.00	-468.04	-137.85E-6
	26.00000	13.00000	-8.50000	-39.405	-8.9310	-160.00	-467.79	-140.76E-6
	27.00000	13.00000	-8.50000	-39.048	-8.9310	-160.00	-467.46	-144.57E-6
	28.00000	13.00000	-8.50000	-38.615	-8.9310	-160.00	-467.03	-149.53E-6
	29.00000	13.00000	-8.50000	-38.096	-8.9310	-159.99	-466.46	-156.01E-6
	30.00000	13.00000	-8.50000	-37.475	-8.9310	-159.99	-465.71	-164.57E-6
	31.00000	13.00000	-8.50000	-36.735	-8.9310	-159.99	-464.71	-176.08E-6
	32.00000	13.00000	-8.50000	-35.852	-8.9310	-159.99	-463.32	-191.99E-6
	33.00000	13.00000	-8.50000	-34.789	-8.9310	-159.98	-461.30	-214.90E-6
	34.00000	13.00000	-8.50000	-33.497	-8.9310	-159.96	-458.21	-249.87E-6
	35.00000	13.00000	-8.50000	-31.896	-8.9310	-159.90	-452.98	-308.27E-6
	36.00000	13.00000	-8.50000	-29.847	-8.9310	-159.68	-442.52	-421.18E-6
	37.00000	13.00000	-8.50000	-27.061	-8.9310	-157.79	-412.94	-696.90E-6
	38.00000	13.00000	-8.50000	-21.886	-8.9310	-79.999	-235.29	-54.287E-6
	39.00000	13.00000	-8.50000	-16.706	-8.9310	-2.2130	-57.637	588.30E-6
	40.00000	13.00000	-8.50000	-13.906	-8.9310	-0.32108	-28.054	312.51E-6
	41.00000	13.00000	-8.50000	-11.834	-8.9310	-0.097598	-17.585	199.48E-6
	42.00000	13.00000	-8.50000	-10.201	-8.9310	-0.041302	-12.339	140.91E-6
	43.00000	13.00000	-8.50000	-8.8670	-8.9310	-0.021022	-9.2283	105.73E-6
	44.00000	13.00000	-8.50000	-7.7528	-8.9310	-0.012027	-7.1922	82.552E-6
	45.00000	13.00000	-8.50000	-6.8072	-8.9310	-0.0074569	-5.7708	66.312E-6
	46.00000	13.00000	-8.50000	-5.9951	-8.9310	-0.0049021	-4.7322	54.420E-6
	47.00000	13.00000	-8.50000	-5.2913	-8.9310	-0.0033693	-3.9472	45.418E-6
	48.00000	13.00000	-8.50000	-4.6767	-8.9310	-0.0023984	-3.3383	38.427E-6
	49.00000	13.00000	-8.50000	-4.1367	-8.9310	-0.0017563	-2.8558	32.884E-6
	50.00000	13.00000	-8.50000	-3.6599	-8.9310	-0.0013166	-2.4670	28.414E-6
	51.00000	13.00000	-8.50000	-3.2371	-8.9310	-0.0010067	-2.1491	24.757E-6
	52.00000	13.00000	-8.50000	-2.8607	-8.9310	-782.84E-6	-1.8860	21.730E-6
	53.00000	13.00000	-8.50000	-2.5247	-8.9310	-617.75E-6	-1.6659	19.196E-6
	54.00000	13.00000	-8.50000	-2.2238	-8.9310	-493.80E-6	-1.4801	17.057E-6
	55.00000	13.00000	-8.50000	-1.9537	-8.9310	-399.24E-6	-1.3219	15.235E-6
	56.00000	13.00000	-8.50000	-1.7108	-8.9310	-326.10E-6	-1.1862	13.672E-6
	57.00000	13.00000	-8.50000	-1.4919	-8.9310	-268.81E-6	-1.0691	12.323E-6
	58.00000	13.00000	-8.50000	-1.2944	-8.9310	-223.43E-6	-0.96732	11.151E-6
	59.00000	13.00000	-8.50000	-1.1160	-8.9310	-187.13E-6	-0.87847	10.127E-6
	60.00000	13.00000	-8.50000	-0.95464	-8.9310	-157.82E-6	-0.80047	9.2286E-6
	-20.00000	14.00000	-8.50000	-1.0282	-8.9310	-178.62E-6	-0.84164	9.7028E-6
	-19.00000	14.00000	-8.50000	-1.1988	-8.9310	-213.49E-6	-0.92688	10.685E-6
	-18.00000	14.00000	-8.50000	-1.3879	-8.9310	-257.12E-6	-1.0245	11.810E-6
	-17.00000	14.00000	-8.50000	-1.5976	-8.9310	-312.25E-6	-1.1370	13.106E-6
	-16.00000	14.00000	-8.50000	-1.8307	-8.9310	-382.68E-6	-1.2674	14.607E-6
	-15.00000	14.00000	-8.50000	-2.0900	-8.9310	-473.75E-6	-1.4195	16.358E-6
	-14.00000	14.00000	-8.50000	-2.3791	-8.9310	-593.11E-6	-1.5981	18.415E-6
	-13.00000	14.00000	-8.50000	-2.7023	-8.9310	-751.96E-6	-1.8097	20.851E-6
	-12.00000	14.00000	-8.50000	-3.0645	-8.9310	-967.03E-6	-2.0626	23.761E-6
	-11.00000	14.00000	-8.50000	-3.4716	-8.9310	-0.0012640	-2.3679	27.272E-6
	-10.00000	14.00000	-8.50000	-3.9307	-8.9310	-0.0016836	-2.7407	31.558E-6
	-9.00000	14.00000	-8.50000	-4.4505	-8.9310	-0.0022924	-3.2021	36.859E-6
	-8.00000	14.00000	-8.50000	-5.0416	-8.9310	-0.0032046	-3.7819	43.516E-6
	-7.00000	14.00000	-8.50000	-5.7176	-8.9310	-0.0046253	-4.5244	52.032E-6
	-6.00000	14.00000	-8.50000	-6.4952	-8.9310	-0.0069452	-5.4966	63.167E-6
	-5.00000	14.00000	-8.50000	-7.3962	-8.9310	-0.010965	-6.8057	78.129E-6
	-4.00000	14.00000	-8.50000	-8.4494	-8.9310	-0.018468	-8.6308	98.924E-6
	-3.00000	14.00000	-8.50000	-9.6932	-8.9310	-0.033853	-11.291	129.08E-6
	-2.00000	14.00000	-8.50000	-11.180	-8.9310	-0.069159	-15.390	175.14E-6
	-1.00000	14.00000	-8.50000	-12.980	-8.9310	-0.16047	-22.142	249.87E-6
	0.00000	14.00000	-8.50000	-15.199	-8.9310	-0.44333	-34.406	381.55E-6
	1.00000	14.00000	-8.50000	-18.057	-8.9310	-2.3702	-64.882	666.44E-6
	2.00000	14.00000	-8.50000	-23.165	-8.9310	-80.121	-241.63	14.649E-6
	3.00000	14.00000	-8.50000	-28.181	-8.9310	-157.85	-417.48	-646.72E-6
	4.00000	14.00000	-8.50000	-30.787	-8.9310	-159.71	-445.54	-387.26E-6
	5.00000	14.00000	-8.50000	-32.673	-8.9310	-159.91	-455.01	-285.31E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	6.00000	14.00000	-8.50000	-34.135	-8.9310	-159.96	-459.61	-233.96E-6
	7.00000	14.00000	-8.50000	-35.312	-8.9310	-159.98	-462.29	-203.60E-6
	8.00000	14.00000	-8.50000	-36.280	-8.9310	-159.99	-464.03	-183.80E-6
	9.00000	14.00000	-8.50000	-37.088	-8.9310	-159.99	-465.24	-170.03E-6
	10.00000	14.00000	-8.50000	-37.766	-8.9310	-159.99	-466.11	-160.03E-6
	11.00000	14.00000	-8.50000	-38.337	-8.9310	-160.00	-466.76	-152.55E-6
	12.00000	14.00000	-8.50000	-38.819	-8.9310	-160.00	-467.26	-146.84E-6
	13.00000	14.00000	-8.50000	-39.223	-8.9310	-160.00	-467.64	-142.42E-6
	14.00000	14.00000	-8.50000	-39.559	-8.9310	-160.00	-467.94	-138.98E-6
	15.00000	14.00000	-8.50000	-39.835	-8.9310	-160.00	-468.18	-136.32E-6
	16.00000	14.00000	-8.50000	-40.054	-8.9310	-160.00	-468.35	-134.28E-6
	17.00000	14.00000	-8.50000	-40.222	-8.9310	-160.00	-468.48	-132.76E-6
	18.00000	14.00000	-8.50000	-40.341	-8.9310	-160.00	-468.58	-131.71E-6
	19.00000	14.00000	-8.50000	-40.412	-8.9310	-160.00	-468.63	-131.08E-6
	20.00000	14.00000	-8.50000	-40.437	-8.9310	-160.00	-468.65	-130.86E-6
	21.00000	14.00000	-8.50000	-40.416	-8.9310	-160.00	-468.63	-131.03E-6
	22.00000	14.00000	-8.50000	-40.346	-8.9310	-160.00	-468.58	-131.63E-6
	23.00000	14.00000	-8.50000	-40.228	-8.9310	-160.00	-468.49	-132.68E-6
	24.00000	14.00000	-8.50000	-40.056	-8.9310	-160.00	-468.36	-134.24E-6
	25.00000	14.00000	-8.50000	-39.829	-8.9310	-160.00	-468.17	-136.42E-6
	26.00000	14.00000	-8.50000	-39.540	-8.9310	-160.00	-467.91	-139.32E-6
	27.00000	14.00000	-8.50000	-39.182	-8.9310	-160.00	-467.58	-143.12E-6
	28.00000	14.00000	-8.50000	-38.749	-8.9310	-160.00	-467.15	-148.09E-6
	29.00000	14.00000	-8.50000	-38.227	-8.9310	-159.99	-466.58	-154.58E-6
	30.00000	14.00000	-8.50000	-37.605	-8.9310	-159.99	-465.84	-163.16E-6
	31.00000	14.00000	-8.50000	-36.862	-8.9310	-159.99	-464.83	-174.70E-6
	32.00000	14.00000	-8.50000	-35.975	-8.9310	-159.99	-463.43	-190.66E-6
	33.00000	14.00000	-8.50000	-34.908	-8.9310	-159.98	-461.41	-213.62E-6
	34.00000	14.00000	-8.50000	-33.611	-8.9310	-159.96	-458.32	-248.65E-6
	35.00000	14.00000	-8.50000	-32.005	-8.9310	-159.90	-453.08	-307.12E-6
	36.00000	14.00000	-8.50000	-29.950	-8.9310	-159.68	-442.61	-420.10E-6
	37.00000	14.00000	-8.50000	-27.158	-8.9310	-157.79	-413.03	-695.90E-6
	38.00000	14.00000	-8.50000	-21.976	-8.9310	-79.999	-235.37	-53.378E-6
	39.00000	14.00000	-8.50000	-16.789	-8.9310	-2.2130	-57.708	589.12E-6
	40.00000	14.00000	-8.50000	-13.983	-8.9310	-0.32114	-28.118	313.25E-6
	41.00000	14.00000	-8.50000	-11.904	-8.9310	-0.097654	-17.642	200.14E-6
	42.00000	14.00000	-8.50000	-10.265	-8.9310	-0.041350	-12.390	141.49E-6
	43.00000	14.00000	-8.50000	-8.9246	-8.9310	-0.021061	-9.2723	106.23E-6
	44.00000	14.00000	-8.50000	-7.8047	-8.9310	-0.012059	-7.2305	82.992E-6
	45.00000	14.00000	-8.50000	-6.8538	-8.9310	-0.0074832	-5.8039	66.693E-6
	46.00000	14.00000	-8.50000	-6.0368	-8.9310	-0.0049235	-4.7607	54.748E-6
	47.00000	14.00000	-8.50000	-5.3285	-8.9310	-0.0033866	-3.9718	45.701E-6
	48.00000	14.00000	-8.50000	-4.7099	-8.9310	-0.0024123	-3.3594	38.670E-6
	49.00000	14.00000	-8.50000	-4.1663	-8.9310	-0.0017675	-2.8739	33.092E-6
	50.00000	14.00000	-8.50000	-3.6862	-8.9310	-0.0013256	-2.4826	28.592E-6
	51.00000	14.00000	-8.50000	-3.2605	-8.9310	-0.0010139	-2.1625	24.911E-6
	52.00000	14.00000	-8.50000	-2.8815	-8.9310	-788.64E-6	-1.8975	21.861E-6
	53.00000	14.00000	-8.50000	-2.5431	-8.9310	-622.43E-6	-1.6758	19.310E-6
	54.00000	14.00000	-8.50000	-2.2402	-8.9310	-497.57E-6	-1.4886	17.155E-6
	55.00000	14.00000	-8.50000	-1.9683	-8.9310	-402.29E-6	-1.3292	15.319E-6
	56.00000	14.00000	-8.50000	-1.7237	-8.9310	-328.57E-6	-1.1925	13.745E-6
	57.00000	14.00000	-8.50000	-1.5035	-8.9310	-270.83E-6	-1.0746	12.386E-6
	58.00000	14.00000	-8.50000	-1.3047	-8.9310	-225.08E-6	-0.97209	11.206E-6
	59.00000	14.00000	-8.50000	-1.1252	-8.9310	-188.48E-6	-0.88262	10.175E-6
	-20.00000	15.00000	-8.50000	-0.96279	-8.9310	-158.93E-6	-0.80410	9.2705E-6
	-19.00000	15.00000	-8.50000	-1.0337	-8.9310	-180.50E-6	-0.84497	9.7411E-6
	-18.00000	15.00000	-8.50000	-1.2053	-8.9310	-216.00E-6	-0.93093	10.732E-6
	-17.00000	15.00000	-8.50000	-1.3954	-8.9310	-260.50E-6	-1.0295	11.867E-6
	-16.00000	15.00000	-8.50000	-1.6064	-8.9310	-316.87E-6	-1.1432	13.177E-6
	-15.00000	15.00000	-8.50000	-1.8410	-8.9310	-389.09E-6	-1.2751	14.696E-6
	-14.00000	15.00000	-8.50000	-2.1022	-8.9310	-482.78E-6	-1.4292	16.470E-6
	-13.00000	15.00000	-8.50000	-2.3937	-8.9310	-606.08E-6	-1.6106	18.559E-6
	-12.00000	15.00000	-8.50000	-2.7197	-8.9310	-770.93E-6	-1.8259	21.036E-6
	-11.00000	15.00000	-8.50000	-3.0854	-8.9310	-995.40E-6	-2.0838	24.004E-6
	-10.00000	15.00000	-8.50000	-3.4970	-8.9310	-0.0013076	-2.3962	27.597E-6
	-9.00000	15.00000	-8.50000	-3.9618	-8.9310	-0.0017526	-2.7791	31.999E-6
	-8.00000	15.00000	-8.50000	-4.4889	-8.9310	-0.0024059	-3.2553	37.469E-6
	-7.00000	15.00000	-8.50000	-5.0897	-8.9310	-0.0033998	-3.8577	44.384E-6
	-6.00000	15.00000	-8.50000	-5.7786	-8.9310	-0.0049803	-4.6357	53.304E-6
	-5.00000	15.00000	-8.50000	-6.5738	-8.9310	-0.0076391	-5.6666	65.105E-6
	-4.00000	15.00000	-8.50000	-7.4997	-8.9310	-0.012455	-7.0791	81.232E-6
	-3.00000	15.00000	-8.50000	-8.5891	-8.9310	-0.022100	-9.1018	104.23E-6
	-2.00000	15.00000	-8.50000	-9.8884	-8.9310	-0.044393	-12.183	139.00E-6
	-1.00000	15.00000	-8.50000	-11.465	-8.9310	-0.10813	-17.314	195.99E-6
	0.00000	15.00000	-8.50000	-13.416	-8.9310	-0.35353	-26.985	299.06E-6
	1.00000	15.00000	-8.50000	-15.852	-8.9310	-1.3456	-46.394	488.63E-6
	2.00000	15.00000	-8.50000	-18.832	-8.9310	-3.8507	-81.840	810.83E-6
	3.00000	15.00000	-8.50000	-23.819	-8.9310	-81.024	-253.62	121.73E-6
	4.00000	15.00000	-8.50000	-28.619	-8.9310	-158.04	-422.33	-597.52E-6
	5.00000	15.00000	-8.50000	-31.076	-8.9310	-159.74	-447.47	-366.39E-6
	6.00000	15.00000	-8.50000	-32.873	-8.9310	-159.92	-455.90	-275.35E-6
	7.00000	15.00000	-8.50000	-34.281	-8.9310	-159.97	-460.08	-228.61E-6
	8.00000	15.00000	-8.50000	-35.423	-8.9310	-159.98	-462.57	-200.44E-6
	9.00000	15.00000	-8.50000	-36.368	-8.9310	-159.99	-464.21	-181.79E-6
	10.00000	15.00000	-8.50000	-37.160	-8.9310	-159.99	-465.36	-168.68E-6
	11.00000	15.00000	-8.50000	-37.827	-8.9310	-159.99	-466.19	-159.07E-6
	12.00000	15.00000	-8.50000	-38.391	-8.9310	-160.00	-466.82	-151.83E-6
	13.00000	15.00000	-8.50000	-38.867	-8.9310	-160.00	-467.31	-146.27E-6
	14.00000	15.00000	-8.50000	-39.268	-8.9310	-160.00	-467.69	-141.94E-6
	15.00000	15.00000	-8.50000	-39.602	-8.9310	-160.00	-467.98	-138.56E-6
	16.00000	15.00000	-8.50000	-39.877	-8.9310	-160.00	-468.21	-135.92E-6
	17.00000	15.00000	-8.50000	-40.096	-8.9310	-160.00	-468.39	-133.89E-6
	18.00000	15.00000	-8.50000	-40.265	-8.9310	-160.00	-468.52	-132.37E-6
	19.00000	15.00000	-8.50000	-40.385	-8.9310	-160.00	-468.61	-131.30E-6
	20.00000	15.00000	-8.50000	-40.459	-8.9310	-160.00	-468.67	-130.65E-6
	21.00000	15.00000	-8.50000	-40.486	-8.9310	-160.00	-468.69	-130.39E-6
	22.00000	15.00000	-8.50000	-40.467	-8.9310	-160.00	-468.68	-130.53E-6
	23.00000	15.00000	-8.50000	-40.400	-8.9310	-160.00	-468.63	-131.09E-6
	24.00000	15.00000	-8.50000	-40.284	-8.9310	-160.00	-468.54	-132.10E-6
	25.00000	15.00000	-8.50000	-40.115	-8.9310	-160.00	-468.41	-133.64E-6
	26.00000	15.00000	-8.50000	-39.890	-8.9310	-160.00	-468.22	-135.78E-6
	27.00000	15.00000	-8.50000	-39.603	-8.9310	-160.00	-467.97	-138.65E-6
	28.00000	15.00000	-8.50000	-39.247	-8.9310	-160.00	-467.64	-142.43E-6
	29.00000	15.00000	-8.50000	-38.814	-8.9310	-160.00	-467.21	-147.38E-6
	30.00000	15.00000	-8.50000	-38.293	-8.9310	-160.00	-466.65	-153.86E-6
	31.00000	15.00000	-8.50000	-37.671	-8.9310	-159.99	-465.90	-162.44E-6
	32.00000	15.00000	-8.50000	-36.928	-8.9310	-159.99	-464.89	-173.99E-6
	33.00000	15.00000	-8.50000	-36.040	-8.9310	-159.99	-463.49	-189.96E-6
	34.00000	15.00000	-8.50000	-34.971	-8.9310	-159.98	-461.47	-212.93E-6
	35.00000	15.00000	-8.50000	-33.672	-8.9310	-159.96	-458.37	-247.99E-6
	36.00000	15.00000	-8.50000	-32.064	-8.9310	-159.90	-453.13	-306.49E-6
	37.00000	15.00000	-8.50000	-30.006	-8.9310	-159.68	-442.67	-419.52E-6
	38.00000	15.00000	-8.50000	-27.210	-8.9310	-157.79	-413.08	-695.36E-6
	39.00000	15.00000	-8.50000	-22.025	-8.9310	-79.999	-235.41	-52.874E-6
	40.00000	15.00000	-8.50000	-16.835	-8.9310	-2.2131	-57.748	589.58E-6

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-15.00000	16.00000	-8.50000	-2.1071	-8.9310	-490.18E-6	-1.4352	16.539E-6
	-14.00000	16.00000	-8.50000	-2.4000	-8.9310	-617.04E-6	-1.6187	18.651E-6
	-13.00000	16.00000	-8.50000	-2.7278	-8.9310	-787.50E-6	-1.8369	21.163E-6
	-12.00000	16.00000	-8.50000	-3.0959	-8.9310	-0.0010210	-2.0991	24.180E-6
	-11.00000	16.00000	-8.50000	-3.5106	-8.9310	-0.0013481	-2.4177	27.843E-6
	-10.00000	16.00000	-8.50000	-3.9796	-8.9310	-0.0018188	-2.8098	32.351E-6
	-9.00000	16.00000	-8.50000	-4.5125	-8.9310	-0.0025180	-3.3000	37.981E-6
	-8.00000	16.00000	-8.50000	-5.1213	-8.9310	-0.0035985	-3.9245	45.147E-6
	-7.00000	16.00000	-8.50000	-5.8214	-8.9310	-0.0053536	-4.7384	54.476E-6
	-6.00000	16.00000	-8.50000	-6.6329	-8.9310	-0.0083966	-5.8314	66.979E-6
	-5.00000	16.00000	-8.50000	-7.5830	-8.9310	-0.014162	-7.3582	84.392E-6
	-4.00000	16.00000	-8.50000	-8.7101	-8.9310	-0.026578	-9.6138	109.98E-6
	-3.00000	16.00000	-8.50000	-10.072	-8.9310	-0.059213	-13.244	150.73E-6
	-2.00000	16.00000	-8.50000	-11.764	-8.9310	-0.18108	-20.024	224.72E-6
	-1.00000	16.00000	-8.50000	-13.971	-8.9310	-1.1552	-37.429	391.79E-6
	0.00000	16.00000	-8.50000	-17.589	-8.9310	-40.160	-131.48	126.92E-6
	1.00000	16.00000	-8.50000	-21.570	-8.9310	-79.999	-235.09	-56.578E-6
	2.00000	16.00000	-8.50000	-25.550	-8.9310	-119.84	-338.70	-240.08E-6
	3.00000	16.00000	-8.50000	-29.161	-8.9310	-158.84	-432.75	-504.97E-6
	4.00000	16.00000	-8.50000	-31.357	-8.9310	-159.82	-450.16	-337.92E-6
	5.00000	16.00000	-8.50000	-33.032	-8.9310	-159.94	-456.93	-263.97E-6
	6.00000	16.00000	-8.50000	-34.373	-8.9310	-159.97	-460.56	-223.28E-6
	7.00000	16.00000	-8.50000	-35.473	-8.9310	-159.98	-462.81	-197.77E-6
	8.00000	16.00000	-8.50000	-36.390	-8.9310	-159.99	-464.33	-180.46E-6
	9.00000	16.00000	-8.50000	-37.162	-8.9310	-159.99	-465.41	-168.08E-6
	10.00000	16.00000	-8.50000	-37.815	-8.9310	-159.99	-466.21	-158.91E-6
	11.00000	16.00000	-8.50000	-38.370	-8.9310	-160.00	-466.81	-151.95E-6
	12.00000	16.00000	-8.50000	-38.840	-8.9310	-160.00	-467.28	-146.55E-6
	13.00000	16.00000	-8.50000	-39.236	-8.9310	-160.00	-467.65	-142.34E-6
	14.00000	16.00000	-8.50000	-39.567	-8.9310	-160.00	-467.94	-139.02E-6
	15.00000	16.00000	-8.50000	-39.840	-8.9310	-160.00	-468.17	-136.41E-6
	16.00000	16.00000	-8.50000	-40.060	-8.9310	-160.00	-468.34	-134.39E-6
	17.00000	16.00000	-8.50000	-40.229	-8.9310	-160.00	-468.48	-132.86E-6
	18.00000	16.00000	-8.50000	-40.351	-8.9310	-160.00	-468.57	-131.77E-6
	19.00000	16.00000	-8.50000	-40.427	-8.9310	-160.00	-468.63	-131.08E-6
	20.00000	16.00000	-8.50000	-40.458	-8.9310	-160.00	-468.66	-130.78E-6
	21.00000	16.00000	-8.50000	-40.442	-8.9310	-160.00	-468.65	-130.87E-6
	22.00000	16.00000	-8.50000	-40.379	-8.9310	-160.00	-468.61	-131.37E-6
	23.00000	16.00000	-8.50000	-40.266	-8.9310	-160.00	-468.52	-132.33E-6
	24.00000	16.00000	-8.50000	-40.101	-8.9310	-160.00	-468.39	-133.80E-6
	25.00000	16.00000	-8.50000	-39.880	-8.9310	-160.00	-468.21	-135.89E-6
	26.00000	16.00000	-8.50000	-39.596	-8.9310	-160.00	-467.97	-138.71E-6
	27.00000	16.00000	-8.50000	-39.244	-8.9310	-160.00	-467.64	-142.45E-6
	28.00000	16.00000	-8.50000	-38.814	-8.9310	-160.00	-467.21	-147.36E-6
	29.00000	16.00000	-8.50000	-38.296	-8.9310	-160.00	-466.65	-153.81E-6
	30.00000	16.00000	-8.50000	-37.675	-8.9310	-159.99	-465.91	-162.36E-6
	31.00000	16.00000	-8.50000	-36.934	-8.9310	-159.99	-464.90	-173.88E-6
	32.00000	16.00000	-8.50000	-36.047	-8.9310	-159.99	-463.50	-189.83E-6
	33.00000	16.00000	-8.50000	-34.980	-8.9310	-159.98	-461.49	-212.80E-6
	34.00000	16.00000	-8.50000	-33.682	-8.9310	-159.96	-458.39	-247.85E-6
	35.00000	16.00000	-8.50000	-32.074	-8.9310	-159.90	-453.15	-306.35E-6
	36.00000	16.00000	-8.50000	-30.016	-8.9310	-159.68	-442.68	-419.38E-6
	37.00000	16.00000	-8.50000	-27.221	-8.9310	-157.79	-413.09	-695.23E-6
	38.00000	16.00000	-8.50000	-22.035	-8.9310	-79.999	-235.43	-52.750E-6
	39.00000	16.00000	-8.50000	-16.845	-8.9310	-2.2131	-57.758	589.70E-6
	40.00000	16.00000	-8.50000	-14.035	-8.9310	-0.32119	-28.163	313.77E-6
	41.00000	16.00000	-8.50000	-11.952	-8.9310	-0.097694	-17.683	200.60E-6
	42.00000	16.00000	-8.50000	-10.308	-8.9310	-0.041383	-12.425	141.90E-6
	43.00000	16.00000	-8.50000	-8.9641	-8.9310	-0.021090	-9.3038	106.60E-6
	44.00000	16.00000	-8.50000	-7.8404	-8.9310	-0.012083	-7.2580	83.308E-6
	45.00000	16.00000	-8.50000	-6.8859	-8.9310	-0.0075027	-5.8278	66.968E-6
	46.00000	16.00000	-8.50000	-6.0657	-8.9310	-0.0049394	-4.7814	54.986E-6
	47.00000	16.00000	-8.50000	-5.3543	-8.9310	-0.0033995	-3.9896	45.906E-6
	48.00000	16.00000	-8.50000	-4.7329	-8.9310	-0.0024228	-3.3747	38.846E-6
	49.00000	16.00000	-8.50000	-4.1868	-8.9310	-0.0017760	-2.8871	33.243E-6
	50.00000	16.00000	-8.50000	-3.7045	-8.9310	-0.0013324	-2.4938	28.722E-6
	51.00000	16.00000	-8.50000	-3.2768	-8.9310	-0.0010194	-2.1721	25.022E-6
	52.00000	16.00000	-8.50000	-2.8960	-8.9310	-793.05E-6	-1.9057	21.957E-6
	53.00000	16.00000	-8.50000	-2.5560	-8.9310	-625.98E-6	-1.6829	19.391E-6
	54.00000	16.00000	-8.50000	-2.2516	-8.9310	-500.44E-6	-1.4947	17.225E-6
	55.00000	16.00000	-8.50000	-1.9784	-8.9310	-404.61E-6	-1.3340	15.380E-6
	56.00000	16.00000	-8.50000	-1.7328	-8.9310	-330.46E-6	-1.1971	13.798E-6
	57.00000	16.00000	-8.50000	-1.5115	-8.9310	-272.36E-6	-1.0785	12.431E-6
	58.00000	16.00000	-8.50000	-1.3119	-8.9310	-226.33E-6	-0.97548	11.245E-6
	59.00000	16.00000	-8.50000	-1.1315	-8.9310	-189.51E-6	-0.88556	10.209E-6
	60.00000	16.00000	-8.50000	-0.96846	-8.9310	-159.77E-6	-0.80666	9.2999E-6
	-20.00000	17.00000	-8.50000	-1.0327	-8.9310	-182.42E-6	-0.84606	9.7536E-6
	-19.00000	17.00000	-8.50000	-1.2045	-8.9310	-218.75E-6	-0.93263	10.751E-6
	-18.00000	17.00000	-8.50000	-1.3951	-8.9310	-264.49E-6	-1.0321	11.897E-6
	-17.00000	17.00000	-8.50000	-1.6067	-8.9310	-322.69E-6	-1.1470	13.220E-6
	-16.00000	17.00000	-8.50000	-1.8421	-8.9310	-397.68E-6	-1.2806	14.759E-6
	-15.00000	17.00000	-8.50000	-2.1045	-8.9310	-495.62E-6	-1.4371	16.561E-6
	-14.00000	17.00000	-8.50000	-2.3977	-8.9310	-625.54E-6	-1.6221	18.690E-6
	-13.00000	17.00000	-8.50000	-2.7262	-8.9310	-800.93E-6	-1.8425	21.226E-6
	-12.00000	17.00000	-8.50000	-3.0954	-8.9310	-0.0010426	-2.1079	24.280E-6
	-11.00000	17.00000	-8.50000	-3.5118	-8.9310	-0.0013836	-2.4314	28.001E-6
	-10.00000	17.00000	-8.50000	-3.9834	-8.9310	-0.0018784	-2.8313	32.597E-6
	-9.00000	17.00000	-8.50000	-4.5202	-8.9310	-0.0026217	-3.3339	38.368E-6
	-8.00000	17.00000	-8.50000	-5.1348	-8.9310	-0.0037865	-3.9783	45.762E-6
	-7.00000	17.00000	-8.50000	-5.8438	-8.9310	-0.0057132	-4.8259	55.473E-6
	-6.00000	17.00000	-8.50000	-6.6688	-8.9310	-0.0091367	-5.9781	68.645E-6
	-5.00000	17.00000	-8.50000	-7.6401	-8.9310	-0.015848	-7.6160	87.308E-6
	-4.00000	17.00000	-8.50000	-8.8016	-8.9310	-0.031029	-10.101	115.45E-6
	-3.00000	17.00000	-8.50000	-10.223	-8.9310	-0.074000	-14.277	162.13E-6
	-2.00000	17.00000	-8.50000	-12.027	-8.9310	-0.25399	-22.700	253.08E-6
	-1.00000	17.00000	-8.50000	-14.485	-8.9310	-1.9567	-47.835	484.09E-6
	0.00000	17.00000	-8.50000	-19.281	-8.9310	-78.974	-216.53	-235.29E-6
	1.00000	17.00000	-8.50000	-24.260	-8.9310	-156.15	-388.30	-924.53E-6
	2.00000	17.00000	-8.50000	-27.228	-8.9310	-158.65	-423.73	-602.48E-6
	3.00000	17.00000	-8.50000	-29.647	-8.9310	-159.64	-443.12	-413.08E-6
	4.00000	17.00000	-8.50000	-31.577	-8.9310	-159.89	-452.78	-310.17E-6
	5.00000	17.00000	-8.50000	-33.129	-8.9310	-159.95	-457.90	-253.35E-6
	6.00000	17.00000	-8.50000	-34.398	-8.9310	-159.98	-460.96	-218.75E-6
	7.00000	17.00000	-8.50000	-35.454	-8.9310	-159.99	-462.97	-195.92E-6
	8.00000	17.00000	-8.50000	-36.340	-8.9310	-159.99	-464.37	-179.98E-6
	9.00000	17.00000	-8.50000	-37.090	-8.9310	-159.99	-465.38	-168.37E-6
	10.00000	17.00000	-8.50000	-37.728	-8.9310	-159.99	-466.14	-159.67E-6
	11.00000	17.00000	-8.50000	-38.271	-8.9310	-160.00	-466.72	-152.99E-6
	12.00000	17.00000	-8.50000	-38.733	-8.9310	-160.00	-467.18	-147.78E-6
	13.00000	17.00000	-8.50000	-39.124	-8.9310	-160.00	-467.54	-143.67E-6
	14.00000	17.00000	-8.50000	-39.452	-8.9310	-160.00	-467.82	-140.42E-6
	15.00000	17.00000	-8.50000	-39.723	-8.9310	-160.00	-468.04	-137.85E-6
	16.00000	17.00000	-8.50000	-39.942	-8.9310	-160.00	-468.22	-135.83E-6
	17.00000	17.00000	-8.50000	-40.113	-8.9310	-160.00	-468.35	-134.28E-6
	18.00000	17.00000	-8.50000	-40.237	-8.9310	-160.00	-468.45	-133.15E-6
	19.00000	17.00000	-8.50000	-40.316	-8.9310	-160.00	-468.51	-132.41E-6
	20.00000	17.00000	-8.50000	-40.350	-8.9310	-160.00	-468.55	-132.05E-6
	21.00000	17.00000	-8.50000	-40.339	-8.9310	-160.00	-468.54	-132.06E-6
	22.00000	17.00000	-8.50000	-40.281	-8.9310	-160.00	-468.51	-132.48E-6
	23.00000	17.00000	-8.50000	-40.174	-8.9310	-160.00	-468.43	-133.36E-6
	24.00000	17.00000	-8.50000	-40.014	-8.9310	-160.00	-468.31	-134.75E-6
	25.00000	17.00000	-8.50000	-39.798	-8.9310	-160.00	-468.14	-136.75E-6
	26.00000	17.00000	-8.50000	-39.520	-8.9310	-160.00	-467.90	-139.50E-6
	27.00000	17.00000	-8.50000	-39.173	-8.9310	-160.00	-467.58	-143.17E-6
	28.00000	17.00000	-8.50000	-38.748	-8.9310	-160.00	-467.16	-148.01E-6
	29.00000	17.00000	-8.50000	-38.235	-8.9310	-160.00	-466.60	-154.40E-6
	30.00000	17.00000	-8.50000	-37.619	-8.9310	-159.99	-465.86	-162.90E-6
	31.00000	17.00000	-8.50000	-36.882	-8.9310	-159.99	-464.86	-174.37E-6
	32.00000	17.00000	-8.50000	-35.999	-8.9310	-159.99	-463.46	-190.28E-6
	33.00000	17.00000	-8.50000	-34.935	-8.9310	-159.98	-461.45	-213.21E-6
	34.00000	17.00000	-8.50000	-33.641	-8.9310	-159.96	-458.35	-248.22E-6
	35.00000	17.00000	-8.50000	-32.036	-8.9310	-159.90	-453.12	-306.69E-6
	36.00000	17.00000	-8.50000	-29.981	-8.9310	-159.68	-442.65	-419.68E-6
	37.00000	17.00000	-8.50000	-27.189	-8.9310	-157.79	-413.07	-695.50E-6
	38.00000	17.00000	-8.50000	-22.006	-8.9310	-79.999	-235.40	-52.995E-6
	39.00000	17.00000	-8.50000	-16.818	-8.9310	-2.2131	-57.739	589.48E-6
	40.00000	17.00000	-8.50000	-14.010	-8.9310	-0.32118	-28.146	313.57E-6
	41.00000	17.00000	-8.50000	-11.930	-8.9310	-0.097683	-17.668	200.43E-6
	42.00000	17.00000	-8.50000	-10.288	-8.9310	-0.041374	-12.412	141.75E-6
	43.00000	17.00000	-8.50000	-8.9464	-8.9310	-0.021081	-9.2923	106.46E-6
	44.00000	17.00000	-8.50000	-7.8245	-8.9310	-0.012076	-7.2480	83.193E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	45.00000	17.00000	-8.50000	-6.8717	-8.9310	-0.0074970	-5.8191	66.868E-6
	46.00000	17.00000	-8.50000	-6.0530	-8.9310	-0.0049347	-4.7739	54.900E-6
	47.00000	17.00000	-8.50000	-5.3430	-8.9310	-0.0033958	-3.9831	45.831E-6
	48.00000	17.00000	-8.50000	-4.7228	-8.9310	-0.0024197	-3.3690	38.781E-6
	49.00000	17.00000	-8.50000	-4.1778	-8.9310	-0.0017735	-2.8822	33.187E-6
	50.00000	17.00000	-8.50000	-3.6965	-8.9310	-0.0013304	-2.4896	28.673E-6
	51.00000	17.00000	-8.50000	-3.2696	-8.9310	-0.0010177	-2.1684	24.979E-6
	52.00000	17.00000	-8.50000	-2.8896	-8.9310	-791.71E-6	-1.9026	21.920E-6
	53.00000	17.00000	-8.50000	-2.5503	-8.9310	-624.89E-6	-1.6801	19.360E-6
	54.00000	17.00000	-8.50000	-2.2465	-8.9310	-499.55E-6	-1.4923	17.197E-6
	55.00000	17.00000	-8.50000	-1.9739	-8.9310	-403.89E-6	-1.3324	15.356E-6
	56.00000	17.00000	-8.50000	-1.7288	-8.9310	-329.86E-6	-1.1952	13.777E-6
	57.00000	17.00000	-8.50000	-1.5079	-8.9310	-271.87E-6	-1.0769	12.413E-6
	58.00000	17.00000	-8.50000	-1.3087	-8.9310	-225.93E-6	-0.97407	11.229E-6
	59.00000	17.00000	-8.50000	-1.1287	-8.9310	-189.17E-6	-0.88432	10.195E-6
	60.00000	17.00000	-8.50000	-0.96594	-8.9310	-159.49E-6	-0.80557	9.2873E-6
	-20.00000	18.00000	-8.50000	-1.0261	-8.9310	-182.38E-6	-0.84374	9.7269E-6
	-19.00000	18.00000	-8.50000	-1.1973	-8.9310	-218.89E-6	-0.93016	10.723E-6
	-18.00000	18.00000	-8.50000	-1.3871	-8.9310	-264.92E-6	-1.0295	11.867E-6
	-17.00000	18.00000	-8.50000	-1.5980	-8.9310	-323.63E-6	-1.1443	13.190E-6
	-16.00000	18.00000	-8.50000	-1.8327	-8.9310	-399.46E-6	-1.2780	14.729E-6
	-15.00000	18.00000	-8.50000	-2.0943	-8.9310	-498.81E-6	-1.4349	16.535E-6
	-14.00000	18.00000	-8.50000	-2.3869	-8.9310	-631.09E-6	-1.6204	18.671E-6
	-13.00000	18.00000	-8.50000	-2.7148	-8.9310	-810.45E-6	-1.8420	21.220E-6
	-12.00000	18.00000	-8.50000	-3.0836	-8.9310	-0.0010589	-2.1094	24.297E-6
	-11.00000	18.00000	-8.50000	-3.5000	-8.9310	-0.0014117	-2.4364	28.057E-6
	-10.00000	18.00000	-8.50000	-3.9723	-8.9310	-0.0019276	-2.8421	32.719E-6
	-9.00000	18.00000	-8.50000	-4.5107	-8.9310	-0.0027096	-3.3543	38.601E-6
	-8.00000	18.00000	-8.50000	-5.1286	-8.9310	-0.0039487	-4.0151	46.181E-6
	-7.00000	18.00000	-8.50000	-5.8431	-8.9310	-0.0060261	-4.8910	56.213E-6
	-6.00000	18.00000	-8.50000	-6.6777	-8.9310	-0.0097769	-6.0933	69.963E-6
	-5.00000	18.00000	-8.50000	-7.6649	-8.9310	-0.017270	-7.8248	89.668E-6
	-4.00000	18.00000	-8.50000	-8.8529	-8.9310	-0.034575	-10.496	119.88E-6
	-3.00000	18.00000	-8.50000	-10.319	-8.9310	-0.084435	-15.080	171.04E-6
	-2.00000	18.00000	-8.50000	-12.202	-8.9310	-0.29284	-24.523	272.75E-6
	-1.00000	18.00000	-8.50000	-14.799	-8.9310	-2.1496	-52.561	531.94E-6
	0.00000	18.00000	-8.50000	-19.800	-8.9310	-79.876	-228.38	-129.73E-6
	1.00000	18.00000	-8.50000	-24.890	-8.9310	-157.63	-405.11	-781.83E-6
	2.00000	18.00000	-8.50000	-27.724	-8.9310	-159.55	-435.56	-497.26E-6
	3.00000	18.00000	-8.50000	-29.915	-8.9310	-159.84	-447.79	-365.90E-6
	4.00000	18.00000	-8.50000	-31.685	-8.9310	-159.93	-454.52	-291.47E-6
	5.00000	18.00000	-8.50000	-33.138	-8.9310	-159.96	-458.59	-245.71E-6
	6.00000	18.00000	-8.50000	-34.344	-8.9310	-159.98	-461.23	-215.84E-6
	7.00000	18.00000	-8.50000	-35.356	-8.9310	-159.99	-463.03	-195.32E-6
	8.00000	18.00000	-8.50000	-36.211	-8.9310	-159.99	-464.31	-180.62E-6
	9.00000	18.00000	-8.50000	-36.939	-8.9310	-159.99	-465.26	-169.74E-6
	10.00000	18.00000	-8.50000	-37.560	-8.9310	-159.99	-465.98	-161.49E-6
	11.00000	18.00000	-8.50000	-38.091	-8.9310	-160.00	-466.54	-155.10E-6
	12.00000	18.00000	-8.50000	-38.543	-8.9310	-160.00	-466.98	-150.07E-6
	13.00000	18.00000	-8.50000	-38.928	-8.9310	-160.00	-467.33	-146.09E-6
	14.00000	18.00000	-8.50000	-39.252	-8.9310	-160.00	-467.60	-142.90E-6
	15.00000	18.00000	-8.50000	-39.521	-8.9310	-160.00	-467.82	-140.35E-6
	16.00000	18.00000	-8.50000	-39.740	-8.9310	-160.00	-468.00	-138.33E-6
	17.00000	18.00000	-8.50000	-39.912	-8.9310	-160.00	-468.14	-136.75E-6
	18.00000	18.00000	-8.50000	-40.039	-8.9310	-160.00	-468.24	-135.57E-6
	19.00000	18.00000	-8.50000	-40.122	-8.9310	-160.00	-468.31	-134.75E-6
	20.00000	18.00000	-8.50000	-40.161	-8.9310	-160.00	-468.35	-134.29E-6
	21.00000	18.00000	-8.50000	-40.156	-8.9310	-160.00	-468.36	-134.20E-6
	22.00000	18.00000	-8.50000	-40.105	-8.9310	-160.00	-468.33	-134.51E-6
	23.00000	18.00000	-8.50000	-40.005	-8.9310	-160.00	-468.27	-135.26E-6
	24.00000	18.00000	-8.50000	-39.853	-8.9310	-160.00	-468.16	-136.54E-6
	25.00000	18.00000	-8.50000	-39.644	-8.9310	-160.00	-467.99	-138.43E-6
	26.00000	18.00000	-8.50000	-39.373	-8.9310	-160.00	-467.76	-141.06E-6
	27.00000	18.00000	-8.50000	-39.033	-8.9310	-160.00	-467.45	-144.62E-6
	28.00000	18.00000	-8.50000	-38.616	-8.9310	-160.00	-467.04	-149.37E-6
	29.00000	18.00000	-8.50000	-38.109	-8.9310	-159.99	-466.49	-155.67E-6
	30.00000	18.00000	-8.50000	-37.500	-8.9310	-159.99	-465.76	-164.08E-6
	31.00000	18.00000	-8.50000	-36.770	-8.9310	-159.99	-464.76	-175.48E-6
	32.00000	18.00000	-8.50000	-35.893	-8.9310	-159.99	-463.37	-191.31E-6
	33.00000	18.00000	-8.50000	-34.836	-8.9310	-159.98	-461.37	-214.17E-6
	34.00000	18.00000	-8.50000	-33.548	-8.9310	-159.96	-458.28	-249.11E-6
	35.00000	18.00000	-8.50000	-31.949	-8.9310	-159.90	-453.05	-307.51E-6
	36.00000	18.00000	-8.50000	-29.901	-8.9310	-159.68	-442.59	-420.44E-6
	37.00000	18.00000	-8.50000	-27.114	-8.9310	-157.79	-413.01	-696.19E-6
	38.00000	18.00000	-8.50000	-21.937	-8.9310	-79.999	-235.35	-53.618E-6
	39.00000	18.00000	-8.50000	-16.755	-8.9310	-2.2130	-57.691	588.92E-6
	40.00000	18.00000	-8.50000	-13.953	-8.9310	-0.32114	-28.103	313.07E-6
	41.00000	18.00000	-8.50000	-11.878	-8.9310	-0.097649	-17.629	199.99E-6
	42.00000	18.00000	-8.50000	-10.241	-8.9310	-0.041345	-12.378	141.36E-6
	43.00000	18.00000	-8.50000	-8.9038	-8.9310	-0.021058	-9.2626	106.12E-6
	44.00000	18.00000	-8.50000	-7.7862	-8.9310	-0.012056	-7.2221	82.895E-6
	45.00000	18.00000	-8.50000	-6.8374	-8.9310	-0.0074809	-5.7966	66.609E-6
	46.00000	18.00000	-8.50000	-6.0222	-8.9310	-0.0049216	-4.7544	54.675E-6
	47.00000	18.00000	-8.50000	-5.3155	-8.9310	-0.0033851	-3.9663	45.637E-6
	48.00000	18.00000	-8.50000	-4.6983	-8.9310	-0.0024110	-3.3545	38.614E-6
	49.00000	18.00000	-8.50000	-4.1560	-8.9310	-0.0017665	-2.8697	33.043E-6
	50.00000	18.00000	-8.50000	-3.6771	-8.9310	-0.0013247	-2.4788	28.549E-6
	51.00000	18.00000	-8.50000	-3.2523	-8.9310	-0.0010132	-2.1591	24.872E-6
	52.00000	18.00000	-8.50000	-2.8742	-8.9310	-788.01E-6	-1.8945	21.828E-6
	53.00000	18.00000	-8.50000	-2.5366	-8.9310	-621.90E-6	-1.6732	19.280E-6
	54.00000	18.00000	-8.50000	-2.2344	-8.9310	-497.12E-6	-1.4863	17.128E-6
	55.00000	18.00000	-8.50000	-1.9631	-8.9310	-401.91E-6	-1.3271	15.296E-6
	56.00000	18.00000	-8.50000	-1.7191	-8.9310	-328.25E-6	-1.1907	13.724E-6
	57.00000	18.00000	-8.50000	-1.4993	-8.9310	-270.55E-6	-1.0729	12.367E-6
	58.00000	18.00000	-8.50000	-1.3011	-8.9310	-224.84E-6	-0.97061	11.189E-6
	59.00000	18.00000	-8.50000	-1.1219	-8.9310	-188.28E-6	-0.88129	10.160E-6
	60.00000	18.00000	-8.50000	-0.95988	-8.9310	-158.75E-6	-0.80290	9.2566E-6
	-20.00000	19.00000	-8.50000	-1.0155	-8.9310	-181.63E-6	-0.83949	9.6778E-6
	-19.00000	19.00000	-8.50000	-1.1854	-8.9310	-218.12E-6	-0.92544	10.668E-6
	-18.00000	19.00000	-8.50000	-1.3739	-8.9310	-264.21E-6	-1.0243	11.807E-6
	-17.00000	19.00000	-8.50000	-1.5834	-8.9310	-323.10E-6	-1.1386	13.124E-6
	-16.00000	19.00000	-8.50000	-1.8164	-8.9310	-399.33E-6	-1.2718	14.658E-6
	-15.00000	19.00000	-8.50000	-2.0764	-8.9310	-499.47E-6	-1.4282	16.459E-6
	-14.00000	19.00000	-8.50000	-2.3672	-8.9310	-633.24E-6	-1.6135	18.591E-6
	-13.00000	19.00000	-8.50000	-2.6933	-8.9310	-815.32E-6	-1.8351	21.141E-6
	-12.00000	19.00000	-8.50000	-3.0602	-8.9310	-0.0010687	-2.1032	24.225E-6
	-11.00000	19.00000	-8.50000	-3.4749	-8.9310	-0.0014304	-2.4318	28.003E-6
	-10.00000	19.00000	-8.50000	-3.9457	-8.9310	-0.0019627	-2.8407	32.702E-6
	-9.00000	19.00000	-8.50000	-4.4832	-8.9310	-0.0027752	-3.3592	38.655E-6
	-8.00000	19.00000	-8.50000	-5.1011	-8.9310	-0.0040731	-4.0314	46.364E-6
	-7.00000	19.00000	-8.50000	-5.8174	-8.9310	-0.0062675	-4.9276	56.627E-6
	-6.00000	19.00000	-8.50000	-6.6564	-8.9310	-0.010264	-6.1668	70.784E-6
	-5.00000	19.00000	-8.50000	-7.6524	-8.9310	-0.018305	-7.9658	91.259E-6
	-4.00000	19.00000	-8.50000	-8.8562	-8.9310	-0.036932	-10.764	122.89E-6
	-3.00000	19.00000	-8.50000	-10.349	-

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	24.00000	19.00000	-8.50000	-39.613	-8.9310	-160.00	-467.92	-139.27E-6
	25.00000	19.00000	-8.50000	-39.414	-8.9310	-160.00	-467.77	-140.99E-6
	26.00000	19.00000	-8.50000	-39.153	-8.9310	-160.00	-467.55	-143.47E-6
	27.00000	19.00000	-8.50000	-38.823	-8.9310	-160.00	-467.26	-146.88E-6
	28.00000	19.00000	-8.50000	-38.415	-8.9310	-160.00	-466.85	-151.50E-6
	29.00000	19.00000	-8.50000	-37.918	-8.9310	-159.99	-466.32	-157.67E-6
	30.00000	19.00000	-8.50000	-37.318	-8.9310	-159.99	-465.59	-165.97E-6
	31.00000	19.00000	-8.50000	-36.597	-8.9310	-159.99	-464.61	-177.25E-6
	32.00000	19.00000	-8.50000	-35.729	-8.9310	-159.99	-463.23	-192.98E-6
	33.00000	19.00000	-8.50000	-34.681	-8.9310	-159.98	-461.23	-215.73E-6
	34.00000	19.00000	-8.50000	-33.402	-8.9310	-159.96	-458.15	-250.57E-6
	35.00000	19.00000	-8.50000	-31.812	-8.9310	-159.90	-452.93	-308.86E-6
	36.00000	19.00000	-8.50000	-29.773	-8.9310	-159.68	-442.48	-421.68E-6
	37.00000	19.00000	-8.50000	-26.996	-8.9310	-157.79	-412.91	-697.32E-6
	38.00000	19.00000	-8.50000	-21.829	-8.9310	-79.999	-235.26	-54.647E-6
	39.00000	19.00000	-8.50000	-16.655	-8.9310	-2.2129	-57.610	587.99E-6
	40.00000	19.00000	-8.50000	-13.862	-8.9310	-0.32107	-28.031	312.25E-6
	41.00000	19.00000	-8.50000	-11.795	-8.9310	-0.097591	-17.566	199.26E-6
	42.00000	19.00000	-8.50000	-10.166	-8.9310	-0.041296	-12.323	140.72E-6
	43.00000	19.00000	-8.50000	-8.8360	-8.9310	-0.021017	-9.2139	105.56E-6
	44.00000	19.00000	-8.50000	-7.7253	-8.9310	-0.012023	-7.1797	82.407E-6
	45.00000	19.00000	-8.50000	-6.7827	-8.9310	-0.0074534	-5.7599	66.187E-6
	46.00000	19.00000	-8.50000	-5.9734	-8.9310	-0.0048993	-4.7227	54.311E-6
	47.00000	19.00000	-8.50000	-5.2719	-8.9310	-0.0033670	-3.9390	45.323E-6
	48.00000	19.00000	-8.50000	-4.6595	-8.9310	-0.0023965	-3.3310	38.343E-6
	49.00000	19.00000	-8.50000	-4.1214	-8.9310	-0.0017547	-2.8495	32.810E-6
	50.00000	19.00000	-8.50000	-3.6463	-8.9310	-0.0013153	-2.4614	28.349E-6
	51.00000	19.00000	-8.50000	-3.2249	-8.9310	-0.0010056	-2.1442	24.700E-6
	52.00000	19.00000	-8.50000	-2.8499	-8.9310	-781.90E-6	-1.8817	21.679E-6
	53.00000	19.00000	-8.50000	-2.5150	-8.9310	-616.97E-6	-1.6620	19.152E-6
	54.00000	19.00000	-8.50000	-2.2151	-8.9310	-493.13E-6	-1.4766	17.017E-6
	55.00000	19.00000	-8.50000	-1.9460	-8.9310	-398.67E-6	-1.3188	15.200E-6
	56.00000	19.00000	-8.50000	-1.7039	-8.9310	-325.61E-6	-1.1834	13.641E-6
	57.00000	19.00000	-8.50000	-1.4858	-8.9310	-268.39E-6	-1.0666	12.295E-6
	58.00000	19.00000	-8.50000	-1.2890	-8.9310	-223.08E-6	-0.96511	11.126E-6
	59.00000	19.00000	-8.50000	-1.1111	-8.9310	-186.82E-6	-0.87647	10.104E-6
	60.00000	19.00000	-8.50000	-0.95030	-8.9310	-157.55E-6	-0.79867	9.2079E-6
	-20.00000	20.00000	-8.50000	-1.0008	-8.9310	-180.15E-6	-0.83329	9.6065E-6
	-19.00000	20.00000	-8.50000	-1.1690	-8.9310	-216.43E-6	-0.91846	10.588E-6
	-18.00000	20.00000	-8.50000	-1.3556	-8.9310	-262.30E-6	-1.0164	11.716E-6
	-17.00000	20.00000	-8.50000	-1.5628	-8.9310	-321.00E-6	-1.1297	13.021E-6
	-16.00000	20.00000	-8.50000	-1.7935	-8.9310	-397.13E-6	-1.2619	14.543E-6
	-15.00000	20.00000	-8.50000	-2.0509	-8.9310	-497.36E-6	-1.4171	16.330E-6
	-14.00000	20.00000	-8.50000	-2.3387	-8.9310	-631.59E-6	-1.6011	18.448E-6
	-13.00000	20.00000	-8.50000	-2.6615	-8.9310	-814.91E-6	-1.8215	20.985E-6
	-12.00000	20.00000	-8.50000	-3.0251	-8.9310	-0.0010709	-2.0886	24.057E-6
	-11.00000	20.00000	-8.50000	-3.4361	-8.9310	-0.0014380	-2.4166	27.828E-6
	-10.00000	20.00000	-8.50000	-3.9031	-8.9310	-0.0019808	-2.8260	32.532E-6
	-9.00000	20.00000	-8.50000	-4.4369	-8.9310	-0.0028138	-3.3466	38.508E-6
	-8.00000	20.00000	-8.50000	-5.0514	-8.9310	-0.0041514	-4.0242	46.278E-6
	-7.00000	20.00000	-8.50000	-5.7650	-8.9310	-0.0064245	-4.9316	56.668E-6
	-6.00000	20.00000	-8.50000	-6.6026	-8.9310	-0.010580	-6.1924	71.068E-6
	-5.00000	20.00000	-8.50000	-7.5995	-8.9310	-0.018952	-8.0312	91.991E-6
	-4.00000	20.00000	-8.50000	-8.8078	-8.9310	-0.038285	-10.901	124.43E-6
	-3.00000	20.00000	-8.50000	-10.310	-8.9310	-0.093150	-15.858	179.71E-6
	-2.00000	20.00000	-8.50000	-12.249	-8.9310	-0.31458	-25.995	288.99E-6
	-1.00000	20.00000	-8.50000	-14.924	-8.9310	-2.2039	-55.233	560.89E-6
	0.00000	20.00000	-8.50000	-19.998	-8.9310	-79.988	-232.59	-85.025E-6
	1.00000	20.00000	-8.50000	-25.097	-8.9310	-157.77	-410.08	-729.53E-6
	2.00000	20.00000	-8.50000	-27.844	-8.9310	-159.67	-439.66	-453.82E-6
	3.00000	20.00000	-8.50000	-29.888	-8.9310	-159.89	-450.25	-339.43E-6
	4.00000	20.00000	-8.50000	-31.510	-8.9310	-159.95	-455.68	-278.86E-6
	5.00000	20.00000	-8.50000	-32.838	-8.9310	-159.97	-458.96	-241.70E-6
	6.00000	20.00000	-8.50000	-33.947	-8.9310	-159.98	-461.15	-216.87E-6
	7.00000	20.00000	-8.50000	-34.883	-8.9310	-159.99	-462.68	-199.37E-6
	8.00000	20.00000	-8.50000	-35.680	-8.9310	-159.99	-463.80	-186.55E-6
	9.00000	20.00000	-8.50000	-36.361	-8.9310	-159.99	-464.64	-176.89E-6
	10.00000	20.00000	-8.50000	-36.947	-8.9310	-159.99	-465.29	-169.44E-6
	11.00000	20.00000	-8.50000	-37.450	-8.9310	-159.99	-465.80	-163.59E-6
	12.00000	20.00000	-8.50000	-37.883	-8.9310	-159.99	-466.21	-158.92E-6
	13.00000	20.00000	-8.50000	-38.253	-8.9310	-159.99	-466.54	-155.15E-6
	14.00000	20.00000	-8.50000	-38.569	-8.9310	-160.00	-466.80	-152.07E-6
	15.00000	20.00000	-8.50000	-38.834	-8.9310	-160.00	-467.02	-149.55E-6
	16.00000	20.00000	-8.50000	-39.054	-8.9310	-160.00	-467.20	-147.46E-6
	17.00000	20.00000	-8.50000	-39.231	-8.9310	-160.00	-467.35	-145.75E-6
	18.00000	20.00000	-8.50000	-39.366	-8.9310	-160.00	-467.47	-144.36E-6
	19.00000	20.00000	-8.50000	-39.462	-8.9310	-160.00	-467.57	-143.27E-6
	20.00000	20.00000	-8.50000	-39.516	-8.9310	-160.00	-467.64	-142.48E-6
	21.00000	20.00000	-8.50000	-39.529	-8.9310	-160.00	-467.68	-142.01E-6
	22.00000	20.00000	-8.50000	-39.498	-8.9310	-160.00	-467.69	-141.91E-6
	23.00000	20.00000	-8.50000	-39.420	-8.9310	-160.00	-467.66	-142.25E-6
	24.00000	20.00000	-8.50000	-39.290	-8.9310	-160.00	-467.58	-143.10E-6
	25.00000	20.00000	-8.50000	-39.104	-8.9310	-160.00	-467.45	-144.59E-6
	26.00000	20.00000	-8.50000	-38.855	-8.9310	-160.00	-467.26	-146.85E-6
	27.00000	20.00000	-8.50000	-38.538	-8.9310	-160.00	-466.98	-150.07E-6
	28.00000	20.00000	-8.50000	-38.142	-8.9310	-160.00	-466.59	-154.50E-6
	29.00000	20.00000	-8.50000	-37.657	-8.9310	-159.99	-466.07	-160.51E-6
	30.00000	20.00000	-8.50000	-37.069	-8.9310	-159.99	-465.36	-168.65E-6
	31.00000	20.00000	-8.50000	-36.359	-8.9310	-159.99	-464.39	-179.79E-6
	32.00000	20.00000	-8.50000	-35.504	-8.9310	-159.99	-463.02	-195.37E-6
	33.00000	20.00000	-8.50000	-34.468	-8.9310	-159.98	-461.04	-217.98E-6
	34.00000	20.00000	-8.50000	-33.201	-8.9310	-159.96	-457.97	-252.67E-6
	35.00000	20.00000	-8.50000	-31.624	-8.9310	-159.90	-452.76	-310.81E-6
	36.00000	20.00000	-8.50000	-29.597	-8.9310	-159.68	-442.32	-423.47E-6
	37.00000	20.00000	-8.50000	-26.833	-8.9310	-157.79	-412.76	-698.96E-6
	38.00000	20.00000	-8.50000	-21.678	-8.9310	-79.999	-235.13	-56.129E-6
	39.00000	20.00000	-8.50000	-16.517	-8.9310	-2.2128	-57.495	586.66E-6
	40.00000	20.00000	-8.50000	-13.735	-8.9310	-0.32096	-27.928	311.07E-6
	41.00000	20.00000	-8.50000	-11.680	-8.9310	-0.097501	-17.475	198.21E-6
	42.00000	20.00000	-8.50000	-10.062	-8.9310	-0.041222	-12.243	139.81E-6
	43.00000	20.00000	-8.50000	-8.7426	-8.9310	-0.020956	-9.1448	104.77E-6
	44.00000	20.00000	-8.50000	-7.6414	-8.9310	-0.011973	-7.1199	81.719E-6
	45.00000	20.00000	-8.50000	-6.7077	-8.9310	-0.0074129	-5.7083	65.594E-6
	46.00000	20.00000	-8.50000	-5.9064	-8.9310	-0.0048667	-4.6784	53.800E-6
	47.00000	20.00000	-8.50000	-5.2122	-8.9310	-0.0033409	-3.9009	44.885E-6
	48.00000	20.00000	-8.50000	-4.6063	-8.9310	-0.0023756	-3.2984	37.968E-6
	49.00000	20.00000	-8.50000	-4.0741	-8.9310	-0.0017380	-2.8215	32.488E-6
	50.00000	20.00000	-8.50000	-3.6042	-8.9310	-0.0013019	-2.4374	28.073E-6
	51.00000	20.00000	-8.50000	-3.1876	-8.9310	-994.87E-6	-2.1236	24.463E-6
	52.00000	20.00000	-8.50000	-2.8167	-8.9310	-773.31E-6	-1.8639	21.475E-6
	53.00000	20.00000	-8.50000	-2.4855	-8.9310	-610.05E-6	-1.6468	18.976E-6
	54.00000	20.00000	-8.50000	-2.1889	-8.9310	-487.55E-6	-1.4634	16.865E-6
	55.00000	20.00000	-8.50000	-1.9226	-8.9310	-394.16E-6	-1.3074	15.068E-6
	56.00000	20.00000	-8.50000	-1.6831	-8.9310	-321.95E-6	-1.1735	13.527E-6
	57.00000	20.00000	-8.50000	-1.4673	-8.9310	-265.41E-6	-1.0580	12.195E-6
	58.00000	20.00000	-8.50000	-1.2725	-8.9310	-220.63E-6	-0.95759	11.039E-6
	59.00000	20.00000	-8.50000	-1.0965	-8.9310	-184.82E-6	-0.86990	10.029E-6
	60.00000	20.00000	-8.50000	-0.93727	-8.9310	-155.90E-6	-0.79291	9.1415E-6
	-20.00000	21.00000	-8.50000	-0.98221	-8.9310	-177.93E-6	-0.82519	9.5130E-6
	-19.00000	21.00000	-8.50000	-1.1481	-8.9310	-213.78E-6	-0.90922	10.481E-6
	-18.00000	21.00000	-8.50000	-1.3321	-8.9310	-259.15E-6	-1.0059	11.594E-6
	-17.00000	21.00000	-8.50000	-1.5365	-8.9310	-317.27E-6	-1.1179	12.883E-6
	-16.00000	21.00000	-8.50000	-1.7639	-8.9310	-392.74E-6	-1.2481	14.384E-6
	-15.00000	21.00000	-8.50000	-2.0176	-8.9310	-492.28E-6	-1.4014	16.149E-6
	-14.00000	21.00000	-8.50000	-2.3014	-8.9310	-625.86E-6	-1.5832	18.241E-6
	-13.00000	21.00000	-8.50000	-2.6197	-8.9310	-808.71E-6	-1.8011	20.749E-6
	-12.00000	21.00000	-8.50000	-2.9781	-8.9310	-0.0010648	-2.0654	23.789E-6
	-11.00000	21.00000	-8.50000	-3.3835	-8.9310	-0.0014332	-2.3906	27.527E-6
	-10.00000	21.00000	-8.50000	-3.8444	-8.9310	-0.0019799	-2.7971	32.198E-6
	-9.00000	21.00000	-8.50000	-4.3714	-8.9310	-0.0028220	-3.3153	38.147E-6
	-8.00000	21.00000	-8.50000	-4.9788	-8.9310	-0.0041794	-3.9917	45.903E-6
	-7.00000	21.00000	-8.50000	-5.6849	-8.9310	-0.0064933	-4.9005	56.306E-6
	-6.00000	21.00000	-8.50000	-6.5150	-8.9310	-0.010731	-6.1672	70.772E-6
	-5.00000	21.00000	-8.50000	-7.5047	-8.9310	-0.019267	-8.0203	91.854E-6
	-4.00000	21.00000	-8.50000	-8.7063	-8.9310	-0.038921	-10.918	124.60E-6
	-3.00000	21.00000	-8.50000	-10.203	-8.9310	-0.094387	-15.923	180.42E-6
	-2.00000	21.00000	-8.50000	-12.137	-8.9310	-0.31684	-26.130	290.47E-6
	-1.00000	21.00000	-8.50000	-14.804	-8.9310	-2.2076	-55.453	563.29E-6
	0.00000	21.00000	-8.50000	-19.865	-8.9310	-79.993	-232.88	-81.924E-6
	1.00000	21.00000	-8.50000	-24.942	-8.9310	-157.78	-410.36	-726.47E-6
	2.00000	21.00000	-8.50000	-27.654	-8.9310	-159.67	-439.84	-451.82E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	3.00000	21.00000	-8.50000	-29.654	-8.9310	-159.89	-450.28	-339.18E-6
	4.00000	21.00000	-8.50000	-31.229	-8.9310	-159.95	-455.54	-280.50E-6
	5.00000	21.00000	-8.50000	-32.513	-8.9310	-159.97	-458.68	-244.99E-6
	6.00000	21.00000	-8.50000	-33.582	-8.9310	-159.98	-460.75	-221.44E-6
	7.00000	21.00000	-8.50000	-34.484	-8.9310	-159.99	-462.20	-204.88E-6
	8.00000	21.00000	-8.50000	-35.253	-8.9310	-159.99	-463.26	-192.75E-6
	9.00000	21.00000	-8.50000	-35.912	-8.9310	-159.99	-464.06	-183.57E-6
	10.00000	21.00000	-8.50000	-36.479	-8.9310	-159.99	-464.68	-176.47E-6
	11.00000	21.00000	-8.50000	-36.968	-8.9310	-159.99	-465.17	-170.86E-6
	12.00000	21.00000	-8.50000	-37.390	-8.9310	-159.99	-465.56	-166.35E-6
	13.00000	21.00000	-8.50000	-37.753	-8.9310	-159.99	-465.88	-162.68E-6
	14.00000	21.00000	-8.50000	-38.064	-8.9310	-159.99	-466.14	-159.64E-6
	15.00000	21.00000	-8.50000	-38.327	-8.9310	-159.99	-466.36	-157.10E-6
	16.00000	21.00000	-8.50000	-38.548	-8.9310	-159.99	-466.55	-154.95E-6
	17.00000	21.00000	-8.50000	-38.729	-8.9310	-159.99	-466.71	-153.11E-6
	18.00000	21.00000	-8.50000	-38.872	-8.9310	-159.99	-466.85	-151.54E-6
	19.00000	21.00000	-8.50000	-38.976	-8.9310	-159.99	-466.96	-150.21E-6
	20.00000	21.00000	-8.50000	-39.043	-8.9310	-159.99	-467.06	-149.12E-6
	21.00000	21.00000	-8.50000	-39.069	-8.9310	-160.00	-467.13	-148.32E-6
	22.00000	21.00000	-8.50000	-39.053	-8.9310	-160.00	-467.17	-147.86E-6
	23.00000	21.00000	-8.50000	-38.990	-8.9310	-160.00	-467.17	-147.82E-6
	24.00000	21.00000	-8.50000	-38.877	-8.9310	-160.00	-467.13	-148.31E-6
	25.00000	21.00000	-8.50000	-38.707	-8.9310	-160.00	-467.03	-149.46E-6
	26.00000	21.00000	-8.50000	-38.475	-8.9310	-160.00	-466.86	-151.42E-6
	27.00000	21.00000	-8.50000	-38.172	-8.9310	-160.00	-466.60	-154.37E-6
	28.00000	21.00000	-8.50000	-37.792	-8.9310	-159.99	-466.24	-158.55E-6
	29.00000	21.00000	-8.50000	-37.321	-8.9310	-159.99	-465.74	-164.35E-6
	30.00000	21.00000	-8.50000	-36.748	-8.9310	-159.99	-465.04	-172.29E-6
	31.00000	21.00000	-8.50000	-36.053	-8.9310	-159.99	-464.09	-183.23E-6
	32.00000	21.00000	-8.50000	-35.213	-8.9310	-159.99	-462.74	-198.63E-6
	33.00000	21.00000	-8.50000	-34.192	-8.9310	-159.98	-460.77	-221.04E-6
	34.00000	21.00000	-8.50000	-32.941	-8.9310	-159.96	-457.72	-255.53E-6
	35.00000	21.00000	-8.50000	-31.379	-8.9310	-159.90	-452.53	-313.47E-6
	36.00000	21.00000	-8.50000	-29.369	-8.9310	-159.68	-442.11	-425.92E-6
	37.00000	21.00000	-8.50000	-26.621	-8.9310	-157.78	-412.57	-701.19E-6
	38.00000	21.00000	-8.50000	-21.483	-8.9310	-79.999	-234.96	-58.143E-6
	39.00000	21.00000	-8.50000	-16.338	-8.9310	-2.2126	-57.338	584.87E-6
	40.00000	21.00000	-8.50000	-13.572	-8.9310	-0.32081	-27.790	309.48E-6
	41.00000	21.00000	-8.50000	-11.532	-8.9310	-0.097371	-17.354	196.82E-6
	42.00000	21.00000	-8.50000	-9.9290	-8.9310	-0.041114	-12.138	138.59E-6
	43.00000	21.00000	-8.50000	-8.6229	-8.9310	-0.020868	-9.0534	103.72E-6
	44.00000	21.00000	-8.50000	-7.5343	-8.9310	-0.011903	-7.0413	80.815E-6
	45.00000	21.00000	-8.50000	-6.6121	-8.9310	-0.0073569	-5.6410	64.818E-6
	46.00000	21.00000	-8.50000	-5.8212	-8.9310	-0.0048221	-4.6208	53.137E-6
	47.00000	21.00000	-8.50000	-5.1364	-8.9310	-0.0033056	-3.8517	44.318E-6
	48.00000	21.00000	-8.50000	-4.5389	-8.9310	-0.0023476	-3.2564	37.484E-6
	49.00000	21.00000	-8.50000	-4.0142	-8.9310	-0.0017158	-2.7856	32.075E-6
	50.00000	21.00000	-8.50000	-3.5511	-8.9310	-0.001843	-2.4067	27.719E-6
	51.00000	21.00000	-8.50000	-3.1404	-8.9310	-980.87E-6	-2.0973	24.160E-6
	52.00000	21.00000	-8.50000	-2.7748	-8.9310	-762.14E-6	-1.8414	21.215E-6
	53.00000	21.00000	-8.50000	-2.4483	-8.9310	-601.11E-6	-1.6274	18.752E-6
	54.00000	21.00000	-8.50000	-2.1558	-8.9310	-480.37E-6	-1.4467	16.672E-6
	55.00000	21.00000	-8.50000	-1.8932	-8.9310	-388.37E-6	-1.2929	14.901E-6
	56.00000	21.00000	-8.50000	-1.6570	-8.9310	-317.26E-6	-1.1610	13.382E-6
	57.00000	21.00000	-8.50000	-1.4441	-8.9310	-261.59E-6	-1.0471	12.070E-6
	58.00000	21.00000	-8.50000	-1.2519	-8.9310	-217.52E-6	-0.94810	10.930E-6
	59.00000	21.00000	-8.50000	-1.0781	-8.9310	-182.26E-6	-0.86161	9.9330E-6
	60.00000	21.00000	-8.50000	-0.92086	-8.9310	-153.79E-6	-0.78565	9.0577E-6
	-20.00000	22.00000	-8.50000	-0.95978	-8.9310	-174.97E-6	-0.81521	9.3980E-6
	-19.00000	22.00000	-8.50000	-1.1229	-8.9310	-210.18E-6	-0.89779	10.349E-6
	-18.00000	22.00000	-8.50000	-1.3037	-8.9310	-254.75E-6	-0.99273	11.443E-6
	-17.00000	22.00000	-8.50000	-1.5045	-8.9310	-311.88E-6	-1.1026	12.708E-6
	-16.00000	22.00000	-8.50000	-1.7279	-8.9310	-386.13E-6	-1.2306	14.183E-6
	-15.00000	22.00000	-8.50000	-1.9770	-8.9310	-484.14E-6	-1.3811	15.915E-6
	-14.00000	22.00000	-8.50000	-2.2555	-8.9310	-615.84E-6	-1.5596	17.970E-6
	-13.00000	22.00000	-8.50000	-2.5679	-8.9310	-796.43E-6	-1.7737	20.433E-6
	-12.00000	22.00000	-8.50000	-2.9196	-8.9310	-0.0010498	-2.0335	23.421E-6
	-11.00000	22.00000	-8.50000	-3.3173	-8.9310	-0.0014152	-2.3533	27.098E-6
	-10.00000	22.00000	-8.50000	-3.7695	-8.9310	-0.0019587	-2.7536	31.697E-6
	-9.00000	22.00000	-8.50000	-4.2867	-8.9310	-0.0027983	-3.2646	37.563E-6
	-8.00000	22.00000	-8.50000	-4.8830	-8.9310	-0.0041552	-3.9329	45.225E-6
	-7.00000	22.00000	-8.50000	-5.5767	-8.9310	-0.0064741	-4.8328	55.526E-6
	-6.00000	22.00000	-8.50000	-6.3930	-8.9310	-0.010729	-6.0903	69.885E-6
	-5.00000	22.00000	-8.50000	-7.3673	-8.9310	-0.019306	-7.9345	90.863E-6
	-4.00000	22.00000	-8.50000	-8.5519	-8.9310	-0.039045	-10.825	123.52E-6
	-3.00000	22.00000	-8.50000	-10.029	-8.9310	-0.094663	-15.824	179.26E-6
	-2.00000	22.00000	-8.50000	-11.942	-8.9310	-0.31734	-26.026	289.24E-6
	-1.00000	22.00000	-8.50000	-14.585	-8.9310	-2.2084	-55.337	561.93E-6
	0.00000	22.00000	-8.50000	-19.617	-8.9310	-79.994	-232.73	-83.612E-6
	1.00000	22.00000	-8.50000	-24.658	-8.9310	-157.78	-410.16	-728.80E-6
	2.00000	22.00000	-8.50000	-27.330	-8.9310	-159.67	-439.56	-455.15E-6
	3.00000	22.00000	-8.50000	-29.286	-8.9310	-159.89	-449.88	-343.74E-6
	4.00000	22.00000	-8.50000	-30.816	-8.9310	-159.95	-455.03	-286.35E-6
	5.00000	22.00000	-8.50000	-32.058	-8.9310	-159.97	-458.07	-252.00E-6
	6.00000	22.00000	-8.50000	-33.089	-8.9310	-159.98	-460.05	-229.42E-6
	7.00000	22.00000	-8.50000	-33.958	-8.9310	-159.98	-461.43	-213.63E-6
	8.00000	22.00000	-8.50000	-34.698	-8.9310	-159.99	-462.44	-202.08E-6
	9.00000	22.00000	-8.50000	-35.334	-8.9310	-159.99	-463.20	-193.35E-6
	10.00000	22.00000	-8.50000	-35.882	-8.9310	-159.99	-463.79	-186.57E-6
	11.00000	22.00000	-8.50000	-36.356	-8.9310	-159.99	-464.26	-181.19E-6
	12.00000	22.00000	-8.50000	-36.766	-8.9310	-159.99	-464.64	-176.84E-6
	13.00000	22.00000	-8.50000	-37.121	-8.9310	-159.99	-464.95	-173.25E-6
	14.00000	22.00000	-8.50000	-37.428	-8.9310	-159.99	-465.22	-170.24E-6
	15.00000	22.00000	-8.50000	-37.690	-8.9310	-159.99	-465.44	-167.65E-6
	16.00000	22.00000	-8.50000	-37.913	-8.9310	-159.99	-465.64	-165.39E-6
	17.00000	22.00000	-8.50000	-38.100	-8.9310	-159.99	-465.81	-163.37E-6
	18.00000	22.00000	-8.50000	-38.251	-8.9310	-159.99	-465.97	-161.53E-6
	19.00000	22.00000	-8.50000	-38.368	-8.9310	-159.99	-466.12	-159.84E-6
	20.00000	22.00000	-8.50000	-38.450	-8.9310	-159.99	-466.26	-158.31E-6
	21.00000	22.00000	-8.50000	-38.494	-8.9310	-159.99	-466.37	-156.99E-6
	22.00000	22.00000	-8.50000	-38.498	-8.9310	-159.99	-466.46	-155.96E-6
	23.00000	22.00000	-8.50000	-38.456	-8.9310	-159.99	-466.52	-155.35E-6
	24.00000	22.00000	-8.50000	-38.364	-8.9310	-159.99	-466.52	-155.29E-6
	25.00000	22.00000	-8.50000	-38.215	-8.9310	-159.99	-466.47	-155.94E-6
	26.00000	22.00000	-8.50000	-38.003	-8.9310	-159.99	-466.33	-157.46E-6
	27.00000	22.00000	-8.50000	-37.719	-8.9310	-159.99	-466.11	-160.04E-6
	28.00000	22.00000	-8.50000	-37.357	-8.9310	-159.99	-465.77	-163.91E-6
	29.00000	22.00000	-8.50000	-36.905	-8.9310	-159.99	-465.29	-169.42E-6
	30.00000	22.00000	-8.50000	-36.349	-8.9310	-159.99	-464.62	-177.10E-6
	31.00000	22.00000	-8.50000	-35.672	-8.9310	-159.99	-463.69	-187.80E-6
	32.00000	22.00000	-8.50000	-34.849	-8.9310	-159.98	-462.36	-202.95E-6
	33.00000	22.00000	-8.50000	-33.847	-8.9310	-159.98	-460.41	-225.12E-6
	34.00000	22.00000	-8.50000	-32.615	-8.9310	-159.96	-457.39	-259.35E-6
	35.00000	22.00000	-8.50000	-31.074	-8.9310	-159.90	-452.22	-317.01E-6
	36.00000	22.00000	-8.50000	-29.084	-8.9310	-159.68	-441.82	-429.18E-6
	37.00000	22.00000	-8.50000

Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-18.00000	23.00000	-8.50000	-1.2706	-8.9310	-249.12E-6	-0.97708	11.263E-6
	-17.00000	23.00000	-8.50000	-1.4671	-8.9310	-304.84E-6	-1.0844	12.499E-6
	-16.00000	23.00000	-8.50000	-1.6857	-8.9310	-377.28E-6	-1.2095	13.940E-6
	-15.00000	23.00000	-8.50000	-1.9292	-8.9310	-472.93E-6	-1.3564	15.631E-6
	-14.00000	23.00000	-8.50000	-2.2014	-8.9310	-601.51E-6	-1.5306	17.636E-6
	-13.00000	23.00000	-8.50000	-2.5065	-8.9310	-777.94E-6	-1.7394	20.039E-6
	-12.00000	23.00000	-8.50000	-2.8498	-8.9310	-0.0010258	-1.9928	22.953E-6
	-11.00000	23.00000	-8.50000	-3.2378	-8.9310	-0.0013835	-2.3047	26.539E-6
	-10.00000	23.00000	-8.50000	-3.6788	-8.9310	-0.0019165	-2.6953	31.026E-6
	-9.00000	23.00000	-8.50000	-4.1832	-8.9310	-0.0027414	-3.1942	36.753E-6
	-8.00000	23.00000	-8.50000	-4.7645	-8.9310	-0.0040776	-3.8473	44.241E-6
	-7.00000	23.00000	-8.50000	-5.4407	-8.9310	-0.0063669	-4.7280	54.321E-6
	-6.00000	23.00000	-8.50000	-6.2367	-8.9310	-0.010579	-5.9612	68.401E-6
	-5.00000	23.00000	-8.50000	-7.1874	-8.9310	-0.019093	-7.7744	89.023E-6
	-4.00000	23.00000	-8.50000	-8.3447	-8.9310	-0.038739	-10.625	121.23E-6
	-3.00000	23.00000	-8.50000	-9.7904	-8.9310	-0.094220	-15.573	176.39E-6
	-2.00000	23.00000	-8.50000	-11.667	-8.9310	-0.31670	-25.712	285.65E-6
	-1.00000	23.00000	-8.50000	-14.269	-8.9310	-2.2074	-54.944	557.43E-6
	0.00000	23.00000	-8.50000	-19.255	-8.9310	-79.992	-232.25	-89.186E-6
	1.00000	23.00000	-8.50000	-24.248	-8.9310	-157.78	-409.57	-735.61E-6
	2.00000	23.00000	-8.50000	-26.869	-8.9310	-159.67	-438.85	-463.26E-6
	3.00000	23.00000	-8.50000	-28.775	-8.9310	-159.89	-449.06	-353.17E-6
	4.00000	23.00000	-8.50000	-30.257	-8.9310	-159.95	-454.09	-297.00E-6
	5.00000	23.00000	-8.50000	-31.454	-8.9310	-159.97	-457.04	-263.72E-6
	6.00000	23.00000	-8.50000	-32.446	-8.9310	-159.98	-458.95	-242.03E-6
	7.00000	23.00000	-8.50000	-33.280	-8.9310	-159.98	-460.27	-226.95E-6
	8.00000	23.00000	-8.50000	-33.992	-8.9310	-159.98	-461.23	-215.95E-6
	9.00000	23.00000	-8.50000	-34.603	-8.9310	-159.98	-461.95	-207.64E-6
	10.00000	23.00000	-8.50000	-35.131	-8.9310	-159.99	-462.52	-201.18E-6
	11.00000	23.00000	-8.50000	-35.589	-8.9310	-159.99	-462.96	-196.03E-6
	12.00000	23.00000	-8.50000	-35.988	-8.9310	-159.99	-463.33	-191.82E-6
	13.00000	23.00000	-8.50000	-36.335	-8.9310	-159.99	-463.64	-188.31E-6
	14.00000	23.00000	-8.50000	-36.637	-8.9310	-159.99	-463.90	-185.30E-6
	15.00000	23.00000	-8.50000	-36.899	-8.9310	-159.99	-464.13	-182.64E-6
	16.00000	23.00000	-8.50000	-37.125	-8.9310	-159.99	-464.34	-180.22E-6
	17.00000	23.00000	-8.50000	-37.319	-8.9310	-159.99	-464.54	-177.92E-6
	18.00000	23.00000	-8.50000	-37.482	-8.9310	-159.99	-464.73	-175.69E-6
	19.00000	23.00000	-8.50000	-37.615	-8.9310	-159.99	-464.93	-173.46E-6
	20.00000	23.00000	-8.50000	-37.717	-8.9310	-159.99	-465.12	-171.23E-6
	21.00000	23.00000	-8.50000	-37.786	-8.9310	-159.99	-465.31	-169.07E-6
	22.00000	23.00000	-8.50000	-37.817	-8.9310	-159.99	-465.49	-167.12E-6
	23.00000	23.00000	-8.50000	-37.803	-8.9310	-159.99	-465.62	-165.57E-6
	24.00000	23.00000	-8.50000	-37.739	-8.9310	-159.99	-465.71	-164.64E-6
	25.00000	23.00000	-8.50000	-37.617	-8.9310	-159.99	-465.72	-164.53E-6
	26.00000	23.00000	-8.50000	-37.429	-8.9310	-159.99	-465.64	-165.42E-6
	27.00000	23.00000	-8.50000	-37.169	-8.9310	-159.99	-465.46	-167.48E-6
	28.00000	23.00000	-8.50000	-36.829	-8.9310	-159.99	-465.16	-170.92E-6
	29.00000	23.00000	-8.50000	-36.397	-8.9310	-159.99	-464.71	-176.08E-6
	30.00000	23.00000	-8.50000	-35.862	-8.9310	-159.99	-464.07	-183.44E-6
	31.00000	23.00000	-8.50000	-35.206	-8.9310	-159.99	-463.16	-193.84E-6
	32.00000	23.00000	-8.50000	-34.405	-8.9310	-159.98	-461.86	-208.68E-6
	33.00000	23.00000	-8.50000	-33.426	-8.9310	-159.98	-459.94	-230.53E-6
	34.00000	23.00000	-8.50000	-32.217	-8.9310	-159.96	-456.94	-264.42E-6
	35.00000	23.00000	-8.50000	-30.700	-8.9310	-159.90	-451.81	-321.72E-6
	36.00000	23.00000	-8.50000	-28.736	-8.9310	-159.68	-441.45	-433.50E-6
	37.00000	23.00000	-8.50000	-26.035	-8.9310	-157.78	-411.97	-708.06E-6
	38.00000	23.00000	-8.50000	-20.945	-8.9310	-79.998	-234.42	-64.291E-6
	39.00000	23.00000	-8.50000	-15.848	-8.9310	-2.2119	-56.865	579.43E-6
	40.00000	23.00000	-8.50000	-13.128	-8.9310	-0.32024	-27.377	304.73E-6
	41.00000	23.00000	-8.50000	-11.132	-8.9310	-0.096912	-16.997	192.71E-6
	42.00000	23.00000	-8.50000	-9.5697	-8.9310	-0.040749	-11.831	135.07E-6
	43.00000	23.00000	-8.50000	-8.3020	-8.9310	-0.020581	-8.7924	100.72E-6
	44.00000	23.00000	-8.50000	-7.2485	-8.9310	-0.011679	-6.8198	78.268E-6
	45.00000	23.00000	-8.50000	-6.3582	-8.9310	-0.0071830	-5.4535	62.662E-6
	46.00000	23.00000	-8.50000	-5.5959	-8.9310	-0.0046874	-4.4623	51.314E-6
	47.00000	23.00000	-8.50000	-4.9367	-8.9310	-0.0032012	-3.7177	42.776E-6
	48.00000	23.00000	-8.50000	-4.3620	-8.9310	-0.0022666	-3.1430	36.178E-6
	49.00000	23.00000	-8.50000	-3.8576	-8.9310	-0.0016528	-2.6894	30.967E-6
	50.00000	23.00000	-8.50000	-3.4123	-8.9310	-0.0012351	-2.3250	26.778E-6
	51.00000	23.00000	-8.50000	-3.0174	-8.9310	-942.19E-6	-2.0277	23.358E-6
	52.00000	23.00000	-8.50000	-2.6658	-8.9310	-731.62E-6	-1.7819	20.530E-6
	53.00000	23.00000	-8.50000	-2.3515	-8.9310	-576.91E-6	-1.5764	18.165E-6
	54.00000	23.00000	-8.50000	-2.0700	-8.9310	-461.08E-6	-1.4029	16.168E-6
	55.00000	23.00000	-8.50000	-1.8170	-8.9310	-372.91E-6	-1.2552	14.466E-6
	56.00000	23.00000	-8.50000	-1.5893	-8.9310	-304.80E-6	-1.1283	13.006E-6
	57.00000	23.00000	-8.50000	-1.3838	-8.9310	-251.51E-6	-1.0187	11.743E-6
	58.00000	23.00000	-8.50000	-1.1983	-8.9310	-209.31E-6	-0.92343	10.645E-6
	59.00000	23.00000	-8.50000	-1.0304	-8.9310	-175.55E-6	-0.84007	9.6848E-6
	60.00000	23.00000	-8.50000	-0.87838	-8.9310	-148.28E-6	-0.76678	8.8403E-6
	-20.00000	24.00000	-8.50000	-0.90412	-8.9310	-166.90E-6	-0.78992	9.1065E-6
	-19.00000	24.00000	-8.50000	-1.0602	-8.9310	-200.19E-6	-0.86866	10.014E-6
	-18.00000	24.00000	-8.50000	-1.2330	-8.9310	-242.30E-6	-0.95903	11.055E-6
	-17.00000	24.00000	-8.50000	-1.4246	-8.9310	-296.22E-6	-1.0634	12.257E-6
	-16.00000	24.00000	-8.50000	-1.6375	-8.9310	-366.27E-6	-1.1849	13.656E-6
	-15.00000	24.00000	-8.50000	-1.8746	-8.9310	-458.72E-6	-1.3275	15.298E-6
	-14.00000	24.00000	-8.50000	-2.1393	-8.9310	-582.94E-6	-1.4964	17.242E-6
	-13.00000	24.00000	-8.50000	-2.4359	-8.9310	-753.34E-6	-1.6986	19.568E-6
	-12.00000	24.00000	-8.50000	-2.7692	-8.9310	-992.67E-6	-1.9437	22.388E-6
	-11.00000	24.00000	-8.50000	-3.1457	-8.9310	-0.0013382	-2.2453	25.855E-6
	-10.00000	24.00000	-8.50000	-3.5731	-8.9310	-0.0018533	-2.6227	30.190E-6
	-9.00000	24.00000	-8.50000	-4.0615	-8.9310	-0.0026513	-3.1045	35.721E-6
	-8.00000	24.00000	-8.50000	-4.6239	-8.9310	-0.0039459	-3.7352	42.952E-6
	-7.00000	24.00000	-8.50000	-5.2777	-8.9310	-0.0061694	-4.5862	52.691E-6
	-6.00000	24.00000	-8.50000	-6.0469	-8.9310	-0.010275	-5.7793	66.313E-6
	-5.00000	24.00000	-8.50000	-6.9657	-8.9310	-0.018616	-7.5382	86.315E-6
	-4.00000	24.00000	-8.50000	-8.0849	-8.9310	-0.037977	-10.315	117.68E-6
	-3.00000	24.00000	-8.50000	-9.4854	-8.9310	-0.093003	-15.164	171.71E-6
	-2.00000	24.00000	-8.50000	-11.310	-8.9310	-0.31479	-25.173	279.50E-6
	-1.00000	24.00000	-8.50000	-13.852	-8.9310	-2.2046	-54.246	549.47E-6
	0.00000	24.00000	-8.50000	-18.774	-8.9310	-79.988	-231.37	-99.208E-6
	1.00000	24.00000	-8.50000	-23.700	-8.9310	-157.77	-408.50	-747.77E-6
	2.00000	24.00000	-8.50000	-26.256	-8.9310	-159.66	-437.60	-477.45E-6
	3.00000	24.00000	-8.50000	-28.100	-8.9310	-159.88	-447.65	-369.15E-6
	4.00000	24.00000	-8.50000	-29.526	-8.9310	-159.94	-452.56	-314.47E-6
	5.00000	24.00000	-8.50000	-30.674	-8.9310	-159.96	-455.40	-282.39E-6
	6.00000	24.00000	-8.50000	-31.622	-8.9310	-159.97	-457.22	-261.65E-6
	7.00000	24.00000	-8.50000	-32.420	-8.9310	-159.97	-458.48	-247.31E-6
	8.00000	24.00000	-8.50000	-33.100	-8.9310	-159.97	-459.39	-236.89E-6
	9.00000	24.00000	-8.50000	-33.685	-8.9310	-159.98	-460.07	-229.01E-6
	10.00000	24.00000	-8.50000	-34.192	-8.9310	-159.98	-460.61	-222.86E-6
	11.00000	24.00000	-8.50000	-34.634	-8.9310	-159.98	-461.04	-217.93E-6
	12.00000	24.00000	-8.50000	-35.020	-8.9310	-159.98	-461.39	-213.87E-6
	13.00000	24.00000	-8.50000	-35.359	-8.9310	-159.98	-461.69	-210.42E-6
	14.00000	24.00000	-8.50000	-35.656	-8.9310	-159.98	-461.95	-207.40E-6
	15.00000	24.00000	-8.50000	-35.918	-8.9310	-159.98	-462.20	-204.64E-6
	16.00000	24.00000	-8.50000	-36.149	-8.9310	-159.98	-462.43	-201.99E-6
	17.00000	24.00000	-8.50000	-36.352	-8.9310	-159.98	-462.66	-199.32E-6
	18.00000	24.00000	-8.50000	-36.530	-8.9310	-159.98	-462.91	-196.50E-6
	19.00000	24.00000	-8.50000	-36.685	-8.9310	-159.98	-463.17	-193.43E-6
	20.00000	24.00000	-8.50000	-36.815	-8.9310	-159.98	-463.47	-190.06E-6
	21.00000	24.00000	-8.50000	-36.917	-8.9310	-159.98	-463.79	-186.46E-6
	22.00000	24.00000	-8.50000	-36.986	-8.9310	-159.99	-464.10	-182.88E-6
	23.00000	24.00000	-8.50000	-37.011	-8.9310	-159.99	-464.39	-179.70E-6
	24.00000	24.00000	-8.50000	-36.985	-8.9310	-159.99	-464.60	-177.30E-6
	25.00000	24.00000	-8.50000	-36.897	-8.9310	-159.99	-464.72	-175.98E-6
	26.00000	24.00000	-8.50000	-36.741	-8.9310	-159.99	-464.72	-175.92E-6
	27.00000	24.00000	-8.50000	-36.509	-8.9310	-159.99	-464.61	-177.27E-6
	28.00000	24.00000	-8.50000	-36.195	-8.9310	-159.99	-464.36	-180.16E-6
	29.00000	24.00000	-8.50000	-35.788	-8.9310	-159.99	-463.95	-184.86E-6
	30.00000	24.00000	-8.50000	-35.277	-8.9310	-159.99	-463.34	-191.83E-6
	31.00000	24.00000	-8.50000	-34.645	-8.9310	-159.99	-462.46	-201.85E-6
	32.00000	24.00000	-8.50000	-33.869	-8.9310	-159.98	-461.20	-216.32E-6
	33.00000	24.00000	-8.50000	-32.916	-8.9310	-159.97	-459.31	-237.76E-6
	34.00000	24.00000	-8.50000	-31.736	-8.9310	-159.95	-456.35	-271.21E-6
	35.00000	24.00000	-8.50000	-30.249	-8.9310	-159.90	-451.26	-328.01E-6
	36.00000	24.00000	-8.50000	-28.317	-8.9310	-159.67	-440.95	-439.25E-6
	37.00000	24.00000	-8.50000	-25.649	-8.9310	-157.78	-411.52	-713.24E-6
	38.00000	24.00000	-8.50000	-20.591	-8.9310	-79.997	-234.02	-68.874E-6
	39.00000	24.00000	-8.50000	-15.527	-8.9310	-2.2113	-56.517	575.44E-6
	40.00000	24.00000	-8.50000	-12.840	-8.9310	-0.31973	-27.078	301.30E-6
	41.00000	24.00000	-8.50000	-10.874	-8.9310	-0.096515	-16.743	189.81E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	42.00000	24.00000	-8.50000	-9.3405	-8.9310	-0.040445	-11.618	132.63E-6
	43.00000	24.00000	-8.50000	-8.0988	-8.9310	-0.020351	-8.6146	98.672E-6
	44.00000	24.00000	-8.50000	-7.0688	-8.9310	-0.011506	-6.6716	76.564E-6
	45.00000	24.00000	-8.50000	-6.1995	-8.9310	-0.0070538	-5.3301	61.242E-6
	46.00000	24.00000	-8.50000	-5.4559	-8.9310	-0.0045904	-4.3594	50.130E-6
	47.00000	24.00000	-8.50000	-4.8132	-8.9310	-0.0031281	-3.6318	41.787E-6
	48.00000	24.00000	-8.50000	-4.2530	-8.9310	-0.0022112	-3.0710	35.349E-6
	49.00000	24.00000	-8.50000	-3.7613	-8.9310	-0.0016106	-2.6289	30.271E-6
	50.00000	24.00000	-8.50000	-3.3273	-8.9310	-0.0012026	-2.2740	26.190E-6
	51.00000	24.00000	-8.50000	-2.9422	-8.9310	-917.10E-6	-1.9844	22.860E-6
	52.00000	24.00000	-8.50000	-2.5992	-8.9310	-712.07E-6	-1.7451	20.107E-6
	53.00000	24.00000	-8.50000	-2.2926	-8.9310	-561.56E-6	-1.5450	17.803E-6
	54.00000	24.00000	-8.50000	-2.0177	-8.9310	-448.95E-6	-1.3760	15.858E-6
	55.00000	24.00000	-8.50000	-1.7706	-8.9310	-363.25E-6	-1.2320	14.200E-6
	56.00000	24.00000	-8.50000	-1.5481	-8.9310	-297.07E-6	-1.1084	12.776E-6
	57.00000	24.00000	-8.50000	-1.3472	-8.9310	-245.28E-6	-1.0014	11.544E-6
	58.00000	24.00000	-8.50000	-1.1657	-8.9310	-204.26E-6	-0.90839	10.472E-6
	59.00000	24.00000	-8.50000	-1.0014	-8.9310	-171.43E-6	-0.82695	9.5335E-6
	60.00000	24.00000	-8.50000	-0.85257	-8.9310	-144.90E-6	-0.75530	8.7080E-6
	-20.00000	25.00000	-8.50000	-0.87131	-8.9310	-161.88E-6	-0.77481	8.9324E-6
	-19.00000	25.00000	-8.50000	-1.0231	-8.9310	-193.92E-6	-0.85119	9.8125E-6
	-18.00000	25.00000	-8.50000	-1.1911	-8.9310	-234.37E-6	-0.93874	10.821E-6
	-17.00000	25.00000	-8.50000	-1.3773	-8.9310	-286.12E-6	-1.0397	11.984E-6
	-16.00000	25.00000	-8.50000	-1.5839	-8.9310	-353.24E-6	-1.1571	13.336E-6
	-15.00000	25.00000	-8.50000	-1.8137	-8.9310	-441.70E-6	-1.2946	14.919E-6
	-14.00000	25.00000	-8.50000	-2.0700	-8.9310	-560.40E-6	-1.4572	16.791E-6
	-13.00000	25.00000	-8.50000	-2.3568	-8.9310	-722.98E-6	-1.6516	19.027E-6
	-12.00000	25.00000	-8.50000	-2.6787	-8.9310	-951.02E-6	-1.8868	21.733E-6
	-11.00000	25.00000	-8.50000	-3.0417	-8.9310	-0.0012798	-2.1757	25.054E-6
	-10.00000	25.00000	-8.50000	-3.4533	-8.9310	-0.0017697	-2.5364	29.198E-6
	-9.00000	25.00000	-8.50000	-3.9228	-8.9310	-0.0025281	-2.9963	34.478E-6
	-8.00000	25.00000	-8.50000	-4.4626	-8.9310	-0.0037593	-3.5975	41.369E-6
	-7.00000	25.00000	-8.50000	-5.0891	-8.9310	-0.0058775	-4.4078	50.645E-6
	-6.00000	25.00000	-8.50000	-5.8251	-8.9310	-0.0098033	-5.5443	63.618E-6
	-5.00000	25.00000	-8.50000	-6.7033	-8.9310	-0.017828	-7.2225	82.701E-6
	-4.00000	25.00000	-8.50000	-7.7728	-8.9310	-0.036627	-9.8837	112.75E-6
	-3.00000	25.00000	-8.50000	-9.1128	-8.9310	-0.090655	-14.568	164.91E-6
	-2.00000	25.00000	-8.50000	-10.865	-8.9310	-0.31076	-24.347	270.11E-6
	-1.00000	25.00000	-8.50000	-13.324	-8.9310	-2.1980	-53.121	536.73E-6
	0.00000	25.00000	-8.50000	-18.154	-8.9310	-79.979	-229.89	-115.85E-6
	1.00000	25.00000	-8.50000	-22.988	-8.9310	-157.76	-406.67	-768.34E-6
	2.00000	25.00000	-8.50000	-25.456	-8.9310	-159.65	-435.47	-501.50E-6
	3.00000	25.00000	-8.50000	-27.222	-8.9310	-159.87	-445.27	-395.96E-6
	4.00000	25.00000	-8.50000	-28.580	-8.9310	-159.92	-450.00	-343.37E-6
	5.00000	25.00000	-8.50000	-29.670	-8.9310	-159.94	-452.70	-312.83E-6
	6.00000	25.00000	-8.50000	-30.570	-8.9310	-159.95	-454.42	-293.22E-6
	7.00000	25.00000	-8.50000	-31.327	-8.9310	-159.95	-455.61	-279.71E-6
	8.00000	25.00000	-8.50000	-31.974	-8.9310	-159.95	-456.46	-269.91E-6
	9.00000	25.00000	-8.50000	-32.531	-8.9310	-159.96	-457.11	-262.48E-6
	10.00000	25.00000	-8.50000	-33.016	-8.9310	-159.96	-457.62	-256.67E-6
	11.00000	25.00000	-8.50000	-33.440	-8.9310	-159.96	-458.03	-251.98E-6
	12.00000	25.00000	-8.50000	-33.813	-8.9310	-159.96	-458.37	-248.06E-6
	13.00000	25.00000	-8.50000	-34.143	-8.9310	-159.96	-458.66	-244.67E-6
	14.00000	25.00000	-8.50000	-34.436	-8.9310	-159.96	-458.93	-241.62E-6
	15.00000	25.00000	-8.50000	-34.698	-8.9310	-159.96	-459.18	-238.71E-6
	16.00000	25.00000	-8.50000	-34.934	-8.9310	-159.96	-459.44	-235.77E-6
	17.00000	25.00000	-8.50000	-35.149	-8.9310	-159.96	-459.72	-232.58E-6
	18.00000	25.00000	-8.50000	-35.347	-8.9310	-159.96	-460.04	-228.91E-6
	19.00000	25.00000	-8.50000	-35.530	-8.9310	-159.96	-460.43	-224.51E-6
	20.00000	25.00000	-8.50000	-35.698	-8.9310	-159.97	-460.90	-219.17E-6
	21.00000	25.00000	-8.50000	-35.849	-8.9310	-159.97	-461.45	-212.94E-6
	22.00000	25.00000	-8.50000	-35.972	-8.9310	-159.97	-462.04	-206.24E-6
	23.00000	25.00000	-8.50000	-36.053	-8.9310	-159.98	-462.61	-199.91E-6
	24.00000	25.00000	-8.50000	-36.079	-8.9310	-159.98	-463.06	-194.82E-6
	25.00000	25.00000	-8.50000	-36.038	-8.9310	-159.99	-463.36	-191.46E-6
	26.00000	25.00000	-8.50000	-35.921	-8.9310	-159.99	-463.50	-189.97E-6
	27.00000	25.00000	-8.50000	-35.723	-8.9310	-159.99	-463.47	-190.30E-6
	28.00000	25.00000	-8.50000	-35.438	-8.9310	-159.99	-463.28	-192.47E-6
	29.00000	25.00000	-8.50000	-35.059	-8.9310	-159.99	-462.92	-196.61E-6
	30.00000	25.00000	-8.50000	-34.576	-8.9310	-159.99	-462.35	-203.11E-6
	31.00000	25.00000	-8.50000	-33.972	-8.9310	-159.98	-461.52	-212.68E-6
	32.00000	25.00000	-8.50000	-33.225	-8.9310	-159.98	-460.29	-226.68E-6
	33.00000	25.00000	-8.50000	-32.303	-8.9310	-159.97	-458.45	-247.60E-6
	34.00000	25.00000	-8.50000	-31.157	-8.9310	-159.95	-455.54	-280.46E-6
	35.00000	25.00000	-8.50000	-29.707	-8.9310	-159.90	-450.51	-336.59E-6
	36.00000	25.00000	-8.50000	-27.813	-8.9310	-159.67	-440.26	-447.07E-6
	37.00000	25.00000	-8.50000	-25.186	-8.9310	-157.78	-410.91	-720.22E-6
	38.00000	25.00000	-8.50000	-20.171	-8.9310	-79.996	-233.49	-74.984E-6
	39.00000	25.00000	-8.50000	-15.149	-8.9310	-2.2103	-56.060	570.20E-6
	40.00000	25.00000	-8.50000	-12.502	-8.9310	-0.31893	-26.693	296.89E-6
	41.00000	25.00000	-8.50000	-10.574	-8.9310	-0.095917	-16.423	186.13E-6
	42.00000	25.00000	-8.50000	-9.0757	-8.9310	-0.040006	-11.354	129.60E-6
	43.00000	25.00000	-8.50000	-7.8657	-8.9310	-0.020032	-8.3979	96.183E-6
	44.00000	25.00000	-8.50000	-6.8639	-8.9310	-0.011275	-6.4940	74.523E-6
	45.00000	25.00000	-8.50000	-6.0195	-8.9310	-0.0068858	-5.1843	59.566E-6
	46.00000	25.00000	-8.50000	-5.2978	-8.9310	-0.0044678	-4.2393	48.749E-6
	47.00000	25.00000	-8.50000	-4.6743	-8.9310	-0.0030379	-3.5325	40.645E-6
	48.00000	25.00000	-8.50000	-4.1308	-8.9310	-0.0021442	-2.9885	34.400E-6
	49.00000	25.00000	-8.50000	-3.6537	-8.9310	-0.0015603	-2.5601	29.478E-6
	50.00000	25.00000	-8.50000	-3.2324	-8.9310	-0.0011645	-2.2162	25.525E-6
	51.00000	25.00000	-8.50000	-2.8584	-8.9310	-887.95E-6	-1.9357	22.299E-6
	52.00000	25.00000	-8.50000	-2.5251	-8.9310	-689.56E-6	-1.7038	19.631E-6
	53.00000	25.00000	-8.50000	-2.2271	-8.9310	-544.03E-6	-1.5099	17.399E-6
	54.00000	25.00000	-8.50000	-1.9596	-8.9310	-435.17E-6	-1.3460	15.512E-6
	55.00000	25.00000	-8.50000	-1.7191	-8.9310	-352.34E-6	-1.2062	13.903E-6
	56.00000	25.00000	-8.50000	-1.5023	-8.9310	-288.37E-6	-1.0861	12.519E-6
	57.00000	25.00000	-8.50000	-1.3066	-8.9310	-238.28E-6	-0.98219	11.322E-6
	58.00000	25.00000	-8.50000	-1.1296	-8.9310	-198.61E-6	-0.89166	10.279E-6
	59.00000	25.00000	-8.50000	-0.96925	-8.9310	-166.83E-6	-0.81236	9.3655E-6
	60.00000	25.00000	-8.50000	-0.82393	-8.9310	-141.14E-6	-0.74254	8.5609E-6
	-20.00000	26.00000	-8.50000	-0.83550	-8.9310	-156.28E-6	-0.75822	8.7412E-6
	-19.00000	26.00000	-8.50000	-0.98272	-8.9310	-186.88E-6	-0.83200	9.5913E-6
	-18.00000	26.00000	-8.50000	-1.1454	-8.9310	-225.45E-6	-0.91641	10.564E-6
	-17.00000	26.00000	-8.50000	-1.3255	-8.9310	-274.68E-6	-1.0136	11.683E-6
	-16.00000	26.00000	-8.50000	-1.5252	-8.9310	-338.40E-6	-1.1263	12.981E-6
	-15.00000	26.00000	-8.50000	-1.7470	-8.9310	-422.16E-6	-1.2581	14.499E-6
	-14.00000	26.00000	-8.50000	-1.9940	-8.9310	-534.26E-6	-1.4136	16.289E-6
	-13.00000	26.00000	-8.50000	-2.2699	-8.9310	-687.40E-6	-1.5990	18.422E-6
	-12.00000	26.00000	-8.50000	-2.5791	-8.9310	-901.60E-6	-1.8228	20.996E-6
	-11.00000	26.00000	-8.50000	-2.9271	-8.9310	-0.0012096	-2.0967	24.145E-6
	-10.00000	26.00000	-8.50000	-3.3207	-8.9310	-0.0016671	-2.4378	28.064E-6
	-9.00000	26.00000	-8.50000	-3.7687	-8.9310	-0.0023738	-2.8713	33.040E-6
	-8.00000	26.00000	-8.50000	-4.2824	-8.9310	-0.0035190	-3.4360	39.515E-6
	-7.00000	26.00000	-8.50000	-4.8771	-8.9310	-0.0054885	-4.1950	48.203E-6
	-6.00

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	21.00000	26.00000	-8.50000	-34.515	-8.9310	-159.93	-457.49	-257.18E-6
	22.00000	26.00000	-8.50000	-34.723	-8.9310	-159.94	-458.72	-243.57E-6
	23.00000	26.00000	-8.50000	-34.892	-8.9310	-159.96	-459.91	-230.31E-6
	24.00000	26.00000	-8.50000	-34.994	-8.9310	-159.97	-460.86	-219.78E-6
	25.00000	26.00000	-8.50000	-35.015	-8.9310	-159.98	-461.49	-212.81E-6
	26.00000	26.00000	-8.50000	-34.947	-8.9310	-159.98	-461.82	-209.07E-6
	27.00000	26.00000	-8.50000	-34.789	-8.9310	-159.98	-461.92	-208.02E-6
	28.00000	26.00000	-8.50000	-34.538	-8.9310	-159.98	-461.81	-209.27E-6
	29.00000	26.00000	-8.50000	-34.190	-8.9310	-159.98	-461.51	-212.75E-6
	30.00000	26.00000	-8.50000	-33.736	-8.9310	-159.98	-460.99	-218.69E-6
	31.00000	26.00000	-8.50000	-33.163	-8.9310	-159.98	-460.20	-227.72E-6
	32.00000	26.00000	-8.50000	-32.450	-8.9310	-159.98	-459.02	-241.15E-6
	33.00000	26.00000	-8.50000	-31.565	-8.9310	-159.97	-457.24	-261.41E-6
	34.00000	26.00000	-8.50000	-30.459	-8.9310	-159.95	-454.40	-293.48E-6
	35.00000	26.00000	-8.50000	-29.053	-8.9310	-159.89	-449.45	-348.67E-6
	36.00000	26.00000	-8.50000	-27.209	-8.9310	-159.67	-439.30	-458.03E-6
	37.00000	26.00000	-8.50000	-24.634	-8.9310	-157.78	-410.06	-729.92E-6
	38.00000	26.00000	-8.50000	-19.672	-8.9310	-79.994	-232.76	-83.342E-6
	39.00000	26.00000	-8.50000	-14.704	-8.9310	-2.2085	-55.446	563.18E-6
	40.00000	26.00000	-8.50000	-12.108	-8.9310	-0.31763	-26.189	291.12E-6
	41.00000	26.00000	-8.50000	-10.229	-8.9310	-0.094988	-16.015	181.46E-6
	42.00000	26.00000	-8.50000	-8.7733	-8.9310	-0.039358	-11.027	125.84E-6
	43.00000	26.00000	-8.50000	-7.6017	-8.9310	-0.019584	-8.1353	93.169E-6
	44.00000	26.00000	-8.50000	-6.6336	-8.9310	-0.010964	-6.2830	72.100E-6
	45.00000	26.00000	-8.50000	-5.8184	-8.9310	-0.0066688	-5.0140	57.610E-6
	46.00000	26.00000	-8.50000	-5.1221	-8.9310	-0.0043144	-4.1011	47.160E-6
	47.00000	26.00000	-8.50000	-4.5205	-8.9310	-0.0029279	-3.4195	39.345E-6
	48.00000	26.00000	-8.50000	-3.9959	-8.9310	-0.0020642	-2.8955	33.330E-6
	49.00000	26.00000	-8.50000	-3.5352	-8.9310	-0.0015013	-2.4830	28.591E-6
	50.00000	26.00000	-8.50000	-3.1281	-8.9310	-0.0011205	-2.1519	24.785E-6
	51.00000	26.00000	-8.50000	-2.7665	-8.9310	-854.64E-6	-1.8817	21.676E-6
	52.00000	26.00000	-8.50000	-2.4440	-8.9310	-664.08E-6	-1.6583	19.106E-6
	53.00000	26.00000	-8.50000	-2.1553	-8.9310	-524.33E-6	-1.4712	16.953E-6
	54.00000	26.00000	-8.50000	-1.8961	-8.9310	-419.79E-6	-1.3130	15.132E-6
	55.00000	26.00000	-8.50000	-1.6628	-8.9310	-340.22E-6	-1.1779	13.576E-6
	56.00000	26.00000	-8.50000	-1.4524	-8.9310	-278.74E-6	-1.0618	12.239E-6
	57.00000	26.00000	-8.50000	-1.2622	-8.9310	-230.57E-6	-0.96111	11.079E-6
	58.00000	26.00000	-8.50000	-1.0901	-8.9310	-192.39E-6	-0.87336	10.068E-6
	59.00000	26.00000	-8.50000	-0.93412	-8.9310	-161.78E-6	-0.79641	9.1816E-6
	60.00000	26.00000	-8.50000	-0.79265	-8.9310	-137.01E-6	-0.72859	8.4001E-6
	-20.00000	27.00000	-8.50000	-0.79698	-8.9310	-150.17E-6	-0.74031	8.5348E-6
	-19.00000	27.00000	-8.50000	-0.93924	-8.9310	-179.19E-6	-0.81126	9.3523E-6
	-18.00000	27.00000	-8.50000	-1.0963	-8.9310	-215.68E-6	-0.89227	10.286E-6
	-17.00000	27.00000	-8.50000	-1.2699	-8.9310	-262.10E-6	-0.98533	11.357E-6
	-16.00000	27.00000	-8.50000	-1.4620	-8.9310	-321.99E-6	-1.0930	12.597E-6
	-15.00000	27.00000	-8.50000	-1.6752	-8.9310	-400.46E-6	-1.2185	14.043E-6
	-14.00000	27.00000	-8.50000	-1.9121	-8.9310	-505.08E-6	-1.3662	15.742E-6
	-13.00000	27.00000	-8.50000	-2.1762	-8.9310	-647.40E-6	-1.5416	17.761E-6
	-12.00000	27.00000	-8.50000	-2.4715	-8.9310	-845.57E-6	-1.7526	20.188E-6
	-11.00000	27.00000	-8.50000	-2.8031	-8.9310	-0.0011291	-2.0098	23.146E-6
	-10.00000	27.00000	-8.50000	-3.1770	-8.9310	-0.0015482	-2.3286	26.809E-6
	-9.00000	27.00000	-8.50000	-3.6013	-8.9310	-0.0021921	-2.7317	31.437E-6
	-8.00000	27.00000	-8.50000	-4.0860	-8.9310	-0.0032299	-3.2539	37.424E-6
	-7.00000	27.00000	-8.50000	-4.6448	-8.9310	-0.0050062	-3.9516	45.411E-6
	-6.00000	27.00000	-8.50000	-5.2963	-8.9310	-0.0082930	-4.9217	56.489E-6
	-5.00000	27.00000	-8.50000	-6.0675	-8.9310	-0.015044	-6.3457	72.682E-6
	-4.00000	27.00000	-8.50000	-6.9996	-8.9310	-0.031108	-8.6018	98.151E-6
	-3.00000	27.00000	-8.50000	-8.1612	-8.9310	-0.078773	-12.612	142.77E-6
	-2.00000	27.00000	-8.50000	-9.6805	-8.9310	-0.28302	-21.240	235.23E-6
	-1.00000	27.00000	-8.50000	-11.844	-8.9310	-2.1313	-48.084	480.93E-6
	0.00000	27.00000	-8.50000	-16.328	-8.9310	-79.839	-222.11	-200.83E-6
	1.00000	27.00000	-8.50000	-20.814	-8.9310	-157.55	-396.13	-882.56E-6
	2.00000	27.00000	-8.50000	-22.982	-8.9310	-159.39	-422.99	-636.75E-6
	3.00000	27.00000	-8.50000	-24.508	-8.9310	-159.60	-431.63	-544.12E-6
	4.00000	27.00000	-8.50000	-25.679	-8.9310	-159.65	-435.66	-499.28E-6
	5.00000	27.00000	-8.50000	-26.622	-8.9310	-159.66	-437.94	-473.55E-6
	6.00000	27.00000	-8.50000	-27.406	-8.9310	-159.67	-439.39	-457.06E-6
	7.00000	27.00000	-8.50000	-28.069	-8.9310	-159.67	-440.39	-445.55E-6
	8.00000	27.00000	-8.50000	-28.641	-8.9310	-159.67	-441.12	-437.30E-6
	9.00000	27.00000	-8.50000	-29.137	-8.9310	-159.68	-441.67	-430.91E-6
	10.00000	27.00000	-8.50000	-29.574	-8.9310	-159.68	-442.12	-425.84E-6
	11.00000	27.00000	-8.50000	-29.959	-8.9310	-159.68	-442.48	-421.65E-6
	12.00000	27.00000	-8.50000	-30.304	-8.9310	-159.68	-442.79	-418.05E-6
	13.00000	27.00000	-8.50000	-30.614	-8.9310	-159.68	-443.08	-414.79E-6
	14.00000	27.00000	-8.50000	-30.896	-8.9310	-159.68	-443.35	-411.66E-6
	15.00000	27.00000	-8.50000	-31.158	-8.9310	-159.68	-443.63	-408.39E-6
	16.00000	27.00000	-8.50000	-31.407	-8.9310	-159.68	-443.96	-404.65E-6
	17.00000	27.00000	-8.50000	-31.651	-8.9310	-159.68	-444.37	-399.94E-6
	18.00000	27.00000	-8.50000	-31.900	-8.9310	-159.68	-444.95	-393.40E-6
	19.00000	27.00000	-8.50000	-32.166	-8.9310	-159.69	-445.82	-383.62E-6
	20.00000	27.00000	-8.50000	-32.464	-8.9310	-159.71	-447.21	-368.21E-6
	21.00000	27.00000	-8.50000	-32.799	-8.9310	-159.75	-449.42	-344.18E-6
	22.00000	27.00000	-8.50000	-33.155	-8.9310	-159.83	-452.46	-311.70E-6
	23.00000	27.00000	-8.50000	-33.472	-8.9310	-159.90	-455.48	-279.56E-6
	24.00000	27.00000	-8.50000	-33.693	-8.9310	-159.95	-457.59	-256.58E-6
	25.00000	27.00000	-8.50000	-33.798	-8.9310	-159.96	-458.83	-242.96E-6
	26.00000	27.00000	-8.50000	-33.789	-8.9310	-159.97	-459.47	-235.81E-6
	27.00000	27.00000	-8.50000	-33.676	-8.9310	-159.97	-459.73	-232.92E-6
	28.00000	27.00000	-8.50000	-33.461	-8.9310	-159.97	-459.72	-233.08E-6
	29.00000	27.00000	-8.50000	-33.147	-8.9310	-159.97	-459.48	-235.80E-6
	30.00000	27.00000	-8.50000	-32.726	-8.9310	-159.97	-459.02	-241.10E-6
	31.00000	27.00000	-8.50000	-32.187	-8.9310	-159.97	-458.28	-249.52E-6
	32.00000	27.00000	-8.50000	-31.512	-8.9310	-159.97	-457.17	-262.25E-6
	33.00000	27.00000	-8.50000	-30.669	-8.9310	-159.96	-455.46	-281.66E-6
	34.00000	27.00000	-8.50000	-29.611	-8.9310	-159.94	-452.72	-312.66E-6
	35.00000	27.00000	-8.50000	-28.260	-8.9310	-159.88	-447.88	-366.48E-6
	36.00000	27.00000	-8.50000	-26.477	-8.9310	-159.66	-437.89	-474.14E-6
	37.00000	27.00000	-8.50000	-23.969	-8.9310	-157.77	-408.82	-744.02E-6
	38.00000	27.00000	-8.50000	-19.078	-8.9310	-79.989	-231.71	-95.235E-6
	39.00000	27.00000	-8.50000	-14.180	-8.9310	-2.2052	-54.596	553.50E-6
	40.00000	27.00000	-8.50000	-11.651	-8.9310	-0.31535	-25.516	283.43E-6
	41.00000	27.00000	-8.50000	-9.8327	-8.9310	-0.093488	-15.490	175.46E-6
	42.00000	27.00000	-8.50000	-8.4312	-8.9310	-0.038385	-10.620	121.18E-6
	43.00000	27.00000	-8.50000	-7.3062	-8.9310	-0.018952	-7.8185	89.537E-6
	44.00000	27.00000	-8.50000	-6.3780	-8.9310	-0.010549	-6.0348	69.251E-6
	45.00000	27.00000	-8.50000	-5.5968	-8.9310	-0.0063909	-4.8176	55.353E-6
	46.00000	27.00000	-8.50000	-4.9295	-8.9310	-0.0041246	-3.9440	45.355E-6
	47.00000	27.00000	-8.50000	-4.3526	-8.9310	-0.0027956	-3.2927	37.887E-6
	48.00000	27.00000	-8.50000	-3.8492	-8.9310	-0.0019702	-2.7921	32.140E-6
	49.00000	27.00000	-8.50000	-3.4067	-8.9310	-0.0014333	-2.3979	27.612E-6
	50.00000	27.00000	-8.50000	-3.0152	-8.9310	-0.0010704	-2.0813	23.973E-6
	51.00000	27.00000	-8.50000	-2.6672	-8.9310	-817.21E-6	-1.8228	20.999E-6
	52.00000	27.00000	-8.50000	-2.3564	-8.9310	-635.71E-6	-1.6087	18.535E-6
	53.00000	27.00000	-8.50000	-2.0779	-8.9310	-502.55E-6	-1.4292	16.469E-6
	54.00000	27.00000	-8.50000	-1.8276	-8.9310	-402.89E-6	-1.2772	14.720E-6
	55.00000	27.00000	-8.50000	-1.6021	-8.9310	-326.97E-6	-1.1473	13.224E-6
	56.00000	27.00000	-8.50000	-1.3985	-8.9310	-268.25E-6	-1.0354	11.935E-6
	57.00000	27.00000	-8.50000	-1.2144	-8.9310	-222.20E-6	-0.93834	10.817E-6
	58.00000	27.00000	-8.50000	-1.0475	-8.9310	-185.65E-6	-0.85360	9.8405E-6
	59.00000	27.00000	-8.50000	-0.89626	-8.9310	-156.32E-6	-0.77919	8.9832E-6
	60.00000	27.00000	-8.50000	-0.75894	-8.9310	-132.56E-6	-0.71353	8.2265E-6
	-20.00000	28.00000	-8.50000	-0.75605	-8.9310	-143.64E-6	-0.72123	8.3150E-6
	-19.00000	28.00000	-8.50000	-0.89306	-8.9310	-170.96E-6	-0.78918	9.0978E-6
	-18.00000	28.00000	-8.50000	-1.0441	-8.9310	-205.19E-6	-0.86656	9.9893E-6
	-17.00000	28.00000	-8.50000	-1.2108	-8.9310	-248.59E-6	-0.95521	11.010E-6
	-16.00000	28.00000	-8.50000	-1.3950	-8.9310	-304.35E-6	-1.0575	12.188E-6
	-15.00000	28.00000	-8.50000	-1.5989	-8.9310	-377.06E-6	-1.1763	13.556E-6
	-14.00000	28.00000	-8.50000	-1.8251	-8.9310	-473.51E-6	-1.3155	15.159E-6
	-13.00000	28.00000	-8.50000	-2.0767	-8.9310	-603.98E-6	-1.4803	17.055E-6
	-12.00000	28.00000	-8.50000	-2.3572	-8.9310	-784.48E-6	-1.6775	19.324E-6
	-11.00000	28.00000	-8.50000	-2.6712	-8.9310	-0.0010409	-1.9166	22.073E-6
	-10.00000	28.00000	-8.50000	-3.0242	-8.9310	-0.0014168	-2.2111	25.458E-6
	-9.00000	28.00000	-8.50000	-3.4229	-8.9310	-0.0019891	-2.5808	29.702E-6
	-8.00000	28.00000	-8.50000	-3.8763	-8.9310	-0.0029020	-3.0556	35.149E-6
	-7.00000	28.00000	-8.50000	-4.3961	-8.9310	-0.0044470	-3.6839	42.343E-6
	-6.00000	28.00000	-8.50000	-4.9979	-8.9310	-0.0072701	-4.5475	52.208E-6
	-5.00000	28.00000	-8.50000	-5.7046	-8.9310	-0.012994	-5.7981	66.436E-6
	-4.00000	28.00000	-8.50000	-6.5502	-8.9310	-0.026452	-7.7493	88.478E-6
	-3.00000	28.00000	-8.50000	-7.5911	-8.9310	-0.066180	-11.165	126.50E-6
	-2.00000	28.00000	-8.50000	-8.9332	-8.9310	-0.23938	-18.454	204.60E-6
	-1.00000	28.00000	-8.50000	-10.824	-8.9310	-1.9256	-41.783	415.36E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	0.00000	28.00000	-8.50000	-14.914	-8.9310	-78.893	-207.32	-338.67E-6
	1.00000	28.00000	-8.50000	-19.004	-8.9310	-155.86	-372.86	-0.0010927
	2.00000	28.00000	-8.50000	-20.899	-8.9310	-157.55	-396.20	-881.83E-6
	3.00000	28.00000	-8.50000	-22.246	-8.9310	-157.72	-403.50	-803.61E-6
	4.00000	28.00000	-8.50000	-23.294	-8.9310	-157.76	-406.93	-765.42E-6
	5.00000	28.00000	-8.50000	-24.148	-8.9310	-157.77	-408.90	-743.17E-6
	6.00000	28.00000	-8.50000	-24.864	-8.9310	-157.78	-410.17	-728.70E-6
	7.00000	28.00000	-8.50000	-25.476	-8.9310	-157.78	-411.05	-718.56E-6
	8.00000	28.00000	-8.50000	-26.006	-8.9310	-157.78	-411.71	-711.05E-6
	9.00000	28.00000	-8.50000	-26.469	-8.9310	-157.78	-412.22	-705.24E-6
	10.00000	28.00000	-8.50000	-26.879	-8.9310	-157.78	-412.62	-700.57E-6
	11.00000	28.00000	-8.50000	-27.245	-8.9310	-157.79	-412.96	-696.66E-6
	12.00000	28.00000	-8.50000	-27.573	-8.9310	-157.79	-413.26	-693.23E-6
	13.00000	28.00000	-8.50000	-27.872	-8.9310	-157.79	-413.54	-690.06E-6
	14.00000	28.00000	-8.50000	-28.148	-8.9310	-157.79	-413.81	-686.91E-6
	15.00000	28.00000	-8.50000	-28.408	-8.9310	-157.79	-414.11	-683.47E-6
	16.00000	28.00000	-8.50000	-28.662	-8.9310	-157.79	-414.48	-679.31E-6
	17.00000	28.00000	-8.50000	-28.920	-8.9310	-157.79	-414.97	-673.68E-6
	18.00000	28.00000	-8.50000	-29.198	-8.9310	-157.80	-415.73	-665.16E-6
	19.00000	28.00000	-8.50000	-29.518	-8.9310	-157.81	-417.02	-650.76E-6
	20.00000	28.00000	-8.50000	-29.916	-8.9310	-157.86	-419.51	-623.67E-6
	21.00000	28.00000	-8.50000	-30.438	-8.9310	-158.06	-424.93	-568.13E-6
	22.00000	28.00000	-8.50000	-31.097	-8.9310	-158.87	-436.11	-467.31E-6
	23.00000	28.00000	-8.50000	-31.720	-8.9310	-159.68	-447.26	-366.81E-6
	24.00000	28.00000	-8.50000	-32.133	-8.9310	-159.89	-452.59	-312.25E-6
	25.00000	28.00000	-8.50000	-32.347	-8.9310	-159.93	-454.93	-286.85E-6
	26.00000	28.00000	-8.50000	-32.406	-8.9310	-159.95	-456.00	-274.95E-6
	27.00000	28.00000	-8.50000	-32.340	-8.9310	-159.95	-456.46	-269.87E-6
	28.00000	28.00000	-8.50000	-32.163	-8.9310	-159.95	-456.56	-268.83E-6
	29.00000	28.00000	-8.50000	-31.882	-8.9310	-159.95	-456.39	-270.74E-6
	30.00000	28.00000	-8.50000	-31.496	-8.9310	-159.95	-455.99	-275.37E-6
	31.00000	28.00000	-8.50000	-30.994	-8.9310	-159.95	-455.31	-283.09E-6
	32.00000	28.00000	-8.50000	-30.361	-8.9310	-159.95	-454.27	-294.98E-6
	33.00000	28.00000	-8.50000	-29.566	-8.9310	-159.94	-452.66	-313.31E-6
	34.00000	28.00000	-8.50000	-28.566	-8.9310	-159.92	-450.04	-342.83E-6
	35.00000	28.00000	-8.50000	-27.283	-8.9310	-159.87	-445.39	-394.62E-6
	36.00000	28.00000	-8.50000	-25.579	-8.9310	-159.65	-435.64	-499.56E-6
	37.00000	28.00000	-8.50000	-23.160	-8.9310	-157.76	-406.88	-765.96E-6
	38.00000	28.00000	-8.50000	-18.365	-8.9310	-79.979	-230.12	-113.19E-6
	39.00000	28.00000	-8.50000	-13.562	-8.9310	-2.1983	-53.364	539.52E-6
	40.00000	28.00000	-8.50000	-11.122	-8.9310	-0.31111	-24.593	272.93E-6
	41.00000	28.00000	-8.50000	-9.3825	-8.9310	-0.090968	-14.808	167.67E-6
	42.00000	28.00000	-8.50000	-8.0480	-8.9310	-0.036899	-10.114	115.39E-6
	43.00000	28.00000	-8.50000	-6.9791	-8.9310	-0.018061	-7.4391	85.191E-6
	44.00000	28.00000	-8.50000	-6.0878	-8.9310	-0.0099986	-5.7458	65.936E-6
	45.00000	28.00000	-8.50000	-5.3557	-8.9310	-0.0060402	-4.5938	52.784E-6
	46.00000	28.00000	-8.50000	-4.7210	-8.9310	-0.0038940	-3.7681	43.334E-6
	47.00000	28.00000	-8.50000	-4.1717	-8.9310	-0.0026396	-3.1524	36.274E-6
	48.00000	28.00000	-8.50000	-3.6916	-8.9310	-0.0018618	-2.6788	30.837E-6
	49.00000	28.00000	-8.50000	-3.2690	-8.9310	-0.0013562	-2.3054	26.548E-6
	50.00000	28.00000	-8.50000	-2.8945	-8.9310	-0.0010144	-2.0050	23.094E-6
	51.00000	28.00000	-8.50000	-2.5611	-8.9310	-775.83E-6	-1.7593	20.268E-6
	52.00000	28.00000	-8.50000	-2.2629	-8.9310	-604.62E-6	-1.5554	17.922E-6
	53.00000	28.00000	-8.50000	-1.9954	-8.9310	-478.86E-6	-1.3842	15.951E-6
	54.00000	28.00000	-8.50000	-1.7546	-8.9310	-384.60E-6	-1.2389	14.279E-6
	55.00000	28.00000	-8.50000	-1.5374	-8.9310	-312.69E-6	-1.1146	12.847E-6
	56.00000	28.00000	-8.50000	-1.3411	-8.9310	-256.98E-6	-1.0073	11.611E-6
	57.00000	28.00000	-8.50000	-1.1634	-8.9310	-213.23E-6	-0.91406	10.537E-6
	58.00000	28.00000	-8.50000	-1.0022	-8.9310	-178.45E-6	-0.83253	9.5977E-6
	59.00000	28.00000	-8.50000	-0.85592	-8.9310	-150.49E-6	-0.76083	8.7716E-6
	60.00000	28.00000	-8.50000	-0.72300	-8.9310	-127.81E-6	-0.69747	8.0414E-6
	-20.00000	29.00000	-8.50000	-0.71304	-8.9310	-136.78E-6	-0.70117	8.0838E-6
	-19.00000	29.00000	-8.50000	-0.84454	-8.9310	-162.32E-6	-0.76596	8.8304E-6
	-18.00000	29.00000	-8.50000	-0.98928	-8.9310	-194.19E-6	-0.83955	9.6781E-6
	-17.00000	29.00000	-8.50000	-1.1487	-8.9310	-234.40E-6	-0.92358	10.646E-6
	-16.00000	29.00000	-8.50000	-1.3246	-8.9310	-285.80E-6	-1.0202	11.759E-6
	-15.00000	29.00000	-8.50000	-1.5190	-8.9310	-352.46E-6	-1.1320	13.046E-6
	-14.00000	29.00000	-8.50000	-1.7340	-8.9310	-440.31E-6	-1.2624	14.548E-6
	-13.00000	29.00000	-8.50000	-1.9725	-8.9310	-558.27E-6	-1.4160	16.315E-6
	-12.00000	29.00000	-8.50000	-2.2376	-8.9310	-720.09E-6	-1.5987	18.417E-6
	-11.00000	29.00000	-8.50000	-2.5333	-8.9310	-947.75E-6	-1.8188	20.949E-6
	-10.00000	29.00000	-8.50000	-2.8642	-8.9310	-0.0012777	-2.0878	24.040E-6
	-9.00000	29.00000	-8.50000	-3.2363	-8.9310	-0.0017733	-2.4222	27.881E-6
	-8.00000	29.00000	-8.50000	-3.6570	-8.9310	-0.0025513	-2.8470	32.754E-6
	-7.00000	29.00000	-8.50000	-4.1357	-8.9310	-0.0038419	-3.4011	39.101E-6
	-6.00000	29.00000	-8.50000	-4.6852	-8.9310	-0.0061421	-4.1493	47.652E-6
	-5.00000	29.00000	-8.50000	-5.3231	-8.9310	-0.010657	-5.2076	59.705E-6
	-4.00000	29.00000	-8.50000	-6.0749	-8.9310	-0.020817	-6.8062	77.795E-6
	-3.00000	29.00000	-8.50000	-6.9804	-8.9310	-0.048987	-9.4754	107.61E-6
	-2.00000	29.00000	-8.50000	-8.1090	-8.9310	-0.16075	-14.759	164.69E-6
	-1.00000	29.00000	-8.50000	-9.6051	-8.9310	-1.1067	-29.602	303.19E-6
	0.00000	29.00000	-8.50000	-12.295	-8.9310	-40.000	-118.48	-17.474E-6
	1.00000	29.00000	-8.50000	-14.985	-8.9310	-78.893	-207.37	-338.11E-6
	2.00000	29.00000	-8.50000	-16.484	-8.9310	-79.839	-222.22	-199.56E-6
	3.00000	29.00000	-8.50000	-17.616	-8.9310	-79.951	-227.51	-142.38E-6
	4.00000	29.00000	-8.50000	-18.527	-8.9310	-79.979	-230.19	-112.43E-6
	5.00000	29.00000	-8.50000	-19.285	-8.9310	-79.989	-231.80	-94.177E-6
	6.00000	29.00000	-8.50000	-19.930	-8.9310	-79.994	-232.88	-81.924E-6
	7.00000	29.00000	-8.50000	-20.488	-8.9310	-79.996	-233.65	-73.135E-6
	8.00000	29.00000	-8.50000	-20.975	-8.9310	-79.997	-234.23	-66.507E-6
	9.00000	29.00000	-8.50000	-21.405	-8.9310	-79.998	-234.68	-61.297E-6
	10.00000	29.00000	-8.50000	-21.788	-8.9310	-79.999	-235.05	-57.042E-6
	11.00000	29.00000	-8.50000	-22.131	-8.9310	-79.999	-235.37	-53.422E-6
	12.00000	29.00000	-8.50000	-22.443	-8.9310	-79.999	-235.65	-50.193E-6
	13.00000	29.00000	-8.50000	-22.729	-8.9310	-80.000	-235.91	-47.130E-6
	14.00000	29.00000	-8.50000	-22.997	-8.9310	-80.000	-236.19	-43.988E-6
	15.00000	29.00000	-8.50000	-23.254	-8.9310	-80.001	-236.50	-40.434E-6
	16.00000	29.00000	-8.50000	-23.510	-8.9310	-80.003	-236.89	-35.933E-6
	17.00000	29.00000	-8.50000	-23.779	-8.9310	-80.006	-237.46	-29.494E-6
	18.00000	29.00000	-8.50000	-24.081	-8.9310	-80.013	-238.39	-19.032E-6
	19.00000	29.00000	-8.50000	-24.453	-8.9310	-80.037	-240.16	0.0
	20.00000	29.00000	-8.50000	-24.963	-8.9310	-80.141	-244.24	44.016E-6
	21.00000	29.00000	-8.50000	-25.759	-8.9310	-81.074	-257.55	165.24E-6
	22.00000	29.00000	-8.50000	-27.685	-8.9310	-119.95	-344.64	-175.50E-6
	23.00000	29.00000	-8.50000	-29.577	-8.9310	-158.83	-431.70	-516.55E-6
	24.00000	29.00000	-8.50000	-30.271	-8.9310	-159.76	-444.93	-396.25E-6
	25.00000	29.00000	-8.50000	-30.607	-8.9310	-159.86	-448.87	-354.34E-6
	26.00000	29.00000	-8.50000	-30.732	-8.9310	-159.89	-450.44	-337.12E-6
	27.00000	29.00000	-8.50000	-30.709	-8.9310	-159.89	-451.09	-329.87E-6
	28.00000	29.00000	-8.50000	-30.567	-8.9310	-159.90	-451.28	-327.71E-6
	29.00000	29.00000	-8.50000	-30.320	-8.9310	-159.90	-451.18	-328.87E-6
	30.00000	29.00000	-8.50000	-29.968	-8.9310	-159.90	-450.84	-332.82E-6
	31.00000	29.00000	-8.50000	-29.506	-8.9310	-159.90	-450.23	-339.77E-6
	32.00000	29.00000	-8.50000	-28.918	-8.9310	-159.89	-449.28	-350.67E-6
	33.00000	29.00000	-8.50000	-28.179	-8.9310	-159.88	-447.79	-

Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	60.00000	29.00000	-8.50000	-0.68509	-8.9310	-122.80E-6	-0.68051	7.8460E-6
	-20.00000	30.00000	-8.50000	-0.66828	-8.9310	-129.69E-6	-0.68031	7.8434E-6
	-19.00000	30.00000	-8.50000	-0.79408	-8.9310	-153.39E-6	-0.74185	8.5525E-6
	-18.00000	30.00000	-8.50000	-0.93232	-8.9310	-182.83E-6	-0.81152	9.3551E-6
	-17.00000	30.00000	-8.50000	-1.0843	-8.9310	-219.78E-6	-0.89081	10.269E-6
	-16.00000	30.00000	-8.50000	-1.2517	-8.9310	-266.73E-6	-0.98157	11.314E-6
	-15.00000	30.00000	-8.50000	-1.4361	-8.9310	-327.19E-6	-1.0862	12.518E-6
	-14.00000	30.00000	-8.50000	-1.6396	-8.9310	-406.26E-6	-1.2076	13.916E-6
	-13.00000	30.00000	-8.50000	-1.8646	-8.9310	-511.49E-6	-1.3497	15.552E-6
	-12.00000	30.00000	-8.50000	-2.1140	-8.9310	-654.34E-6	-1.5177	17.485E-6
	-11.00000	30.00000	-8.50000	-2.3909	-8.9310	-852.86E-6	-1.7184	19.794E-6
	-10.00000	30.00000	-8.50000	-2.6994	-8.9310	-0.0011364	-1.9614	22.587E-6
	-9.00000	30.00000	-8.50000	-3.0443	-8.9310	-0.0015547	-2.2602	26.019E-6
	-8.00000	30.00000	-8.50000	-3.4316	-8.9310	-0.0021969	-2.6343	30.312E-6
	-7.00000	30.00000	-8.50000	-3.8688	-8.9310	-0.0032322	-3.1136	35.806E-6
	-6.00000	30.00000	-8.50000	-4.3653	-8.9310	-0.0050084	-3.7457	43.036E-6
	-5.00000	30.00000	-8.50000	-4.9338	-8.9310	-0.0083130	-4.6110	52.903E-6
	-4.00000	30.00000	-8.50000	-5.5911	-8.9310	-0.015173	-5.8564	67.033E-6
	-3.00000	30.00000	-8.50000	-6.3606	-8.9310	-0.031784	-7.7784	88.630E-6
	-2.00000	30.00000	-8.50000	-7.2750	-8.9310	-0.082112	-11.055	124.69E-6
	-1.00000	30.00000	-8.50000	-8.3756	-8.9310	-0.28783	-17.413	190.91E-6
	0.00000	30.00000	-8.50000	-9.6646	-8.9310	-1.1067	-29.639	303.61E-6
	1.00000	30.00000	-8.50000	-10.954	-8.9310	-1.9257	-41.868	416.33E-6
	2.00000	30.00000	-8.50000	-12.057	-8.9310	-2.1314	-48.229	482.60E-6
	3.00000	30.00000	-8.50000	-12.974	-8.9310	-2.1817	-51.513	518.74E-6
	4.00000	30.00000	-8.50000	-13.748	-8.9310	-2.1983	-53.444	540.44E-6
	5.00000	30.00000	-8.50000	-14.410	-8.9310	-2.2052	-54.702	554.71E-6
	6.00000	30.00000	-8.50000	-14.984	-8.9310	-2.2086	-55.582	564.75E-6
	7.00000	30.00000	-8.50000	-15.487	-8.9310	-2.2104	-56.232	572.19E-6
	8.00000	30.00000	-8.50000	-15.932	-8.9310	-2.2114	-56.734	577.94E-6
	9.00000	30.00000	-8.50000	-16.328	-8.9310	-2.2121	-57.136	582.55E-6
	10.00000	30.00000	-8.50000	-16.683	-8.9310	-2.2126	-57.469	586.38E-6
	11.00000	30.00000	-8.50000	-17.004	-8.9310	-2.2130	-57.758	589.70E-6
	12.00000	30.00000	-8.50000	-17.298	-8.9310	-2.2133	-58.021	592.72E-6
	13.00000	30.00000	-8.50000	-17.571	-8.9310	-2.2137	-58.275	595.64E-6
	14.00000	30.00000	-8.50000	-17.828	-8.9310	-2.2142	-58.543	598.71E-6
	15.00000	30.00000	-8.50000	-18.079	-8.9310	-2.2150	-58.855	602.29E-6
	16.00000	30.00000	-8.50000	-18.333	-8.9310	-2.2166	-59.265	606.95E-6
	17.00000	30.00000	-8.50000	-18.605	-8.9310	-2.2201	-59.874	613.86E-6
	18.00000	30.00000	-8.50000	-18.921	-8.9310	-2.2293	-60.915	625.55E-6
	19.00000	30.00000	-8.50000	-19.325	-8.9310	-2.2604	-63.014	648.69E-6
	20.00000	30.00000	-8.50000	-19.912	-8.9310	-2.4143	-68.355	704.98E-6
	21.00000	30.00000	-8.50000	-20.927	-8.9310	-4.0568	-88.811	884.11E-6
	22.00000	30.00000	-8.50000	-24.043	-8.9310	-80.945	-250.55	89.012E-6
	23.00000	30.00000	-8.50000	-27.127	-8.9310	-157.83	-412.27	-706.37E-6
	24.00000	30.00000	-8.50000	-28.045	-8.9310	-159.48	-432.65	-528.09E-6
	25.00000	30.00000	-8.50000	-28.469	-8.9310	-159.63	-437.86	-473.28E-6
	26.00000	30.00000	-8.50000	-28.641	-8.9310	-159.66	-439.77	-452.30E-6
	27.00000	30.00000	-8.50000	-28.651	-8.9310	-159.67	-440.56	-443.59E-6
	28.00000	30.00000	-8.50000	-28.539	-8.9310	-159.67	-440.82	-440.64E-6
	29.00000	30.00000	-8.50000	-28.322	-8.9310	-159.67	-440.78	-441.18E-6
	30.00000	30.00000	-8.50000	-28.004	-8.9310	-159.67	-440.49	-444.48E-6
	31.00000	30.00000	-8.50000	-27.582	-8.9310	-159.67	-439.95	-450.63E-6
	32.00000	30.00000	-8.50000	-27.043	-8.9310	-159.67	-439.10	-460.40E-6
	33.00000	30.00000	-8.50000	-26.366	-8.9310	-159.66	-437.76	-475.64E-6
	34.00000	30.00000	-8.50000	-25.512	-8.9310	-159.65	-435.56	-500.41E-6
	35.00000	30.00000	-8.50000	-24.417	-8.9310	-159.60	-431.60	-544.50E-6
	36.00000	30.00000	-8.50000	-22.953	-8.9310	-159.39	-423.00	-636.54E-6
	37.00000	30.00000	-8.50000	-20.837	-8.9310	-157.55	-396.19	-881.91E-6
	38.00000	30.00000	-8.50000	-16.394	-8.9310	-79.839	-222.19	-199.86E-6
	39.00000	30.00000	-8.50000	-11.944	-8.9310	-2.1314	-48.189	482.13E-6
	40.00000	30.00000	-8.50000	-9.8068	-8.9310	-0.28316	-21.357	236.57E-6
	41.00000	30.00000	-8.50000	-8.3073	-8.9310	-0.078907	-12.736	144.19E-6
	42.00000	30.00000	-8.50000	-7.1599	-8.9310	-0.031233	-8.7275	99.598E-6
	43.00000	30.00000	-8.50000	-6.2372	-8.9310	0.015157	-6.4704	74.119E-6
	44.00000	30.00000	-8.50000	-5.4716	-8.9310	-0.0083931	-5.0433	57.888E-6
	45.00000	30.00000	-8.50000	-4.8226	-8.9310	-0.0050940	-4.0683	46.755E-6
	46.00000	30.00000	-8.50000	-4.2638	-8.9310	-0.0033061	-3.3648	38.702E-6
	47.00000	30.00000	-8.50000	-3.7771	-8.9310	-0.0022578	-2.8364	32.642E-6
	48.00000	30.00000	-8.50000	-3.3493	-8.9310	-0.0016047	-2.4268	27.939E-6
	49.00000	30.00000	-8.50000	-2.9706	-8.9310	-0.0011776	-2.1015	24.202E-6
	50.00000	30.00000	-8.50000	-2.6335	-8.9310	-887.11E-6	-1.8380	21.172E-6
	51.00000	30.00000	-8.50000	-2.3319	-8.9310	-683.00E-6	-1.6209	18.675E-6
	52.00000	30.00000	-8.50000	-2.0612	-8.9310	-535.62E-6	-1.4398	16.590E-6
	53.00000	30.00000	-8.50000	-1.8174	-8.9310	-426.71E-6	-1.2868	14.829E-6
	54.00000	30.00000	-8.50000	-1.5972	-8.9310	-344.60E-6	-1.1563	13.326E-6
	55.00000	30.00000	-8.50000	-1.3980	-8.9310	-281.62E-6	-1.0440	12.033E-6
	56.00000	30.00000	-8.50000	-1.2174	-8.9310	-232.56E-6	-0.94662	10.912E-6
	57.00000	30.00000	-8.50000	-1.0535	-8.9310	-193.84E-6	-0.86165	9.9331E-6
	58.00000	30.00000	-8.50000	-0.90444	-8.9310	-162.91E-6	-0.78704	9.0735E-6
	59.00000	30.00000	-8.50000	-0.76886	-8.9310	-137.94E-6	-0.72119	8.3147E-6
	60.00000	30.00000	-8.50000	-0.64543	-8.9310	-117.58E-6	-0.66277	7.6416E-6
	-20.00000	31.00000	-8.50000	-0.62211	-8.9310	-122.46E-6	-0.65882	7.5958E-6
	-19.00000	31.00000	-8.50000	-0.74207	-8.9310	-144.31E-6	-0.71706	8.2668E-6
	-18.00000	31.00000	-8.50000	-0.87366	-8.9310	-171.30E-6	-0.78275	9.0237E-6
	-17.00000	31.00000	-8.50000	-1.0181	-8.9310	-204.98E-6	-0.85723	9.8817E-6
	-16.00000	31.00000	-8.50000	-1.1767	-8.9310	-247.47E-6	-0.94212	10.859E-6
	-15.00000	31.00000	-8.50000	-1.3510	-8.9310	-301.77E-6	-1.0395	11.981E-6
	-14.00000	31.00000	-8.50000	-1.5429	-8.9310	-372.15E-6	-1.1518	13.274E-6
	-13.00000	31.00000	-8.50000	-1.7544	-8.9310	-464.83E-6	-1.2825	14.779E-6
	-12.00000	31.00000	-8.50000	-1.9878	-8.9310	-589.11E-6	-1.4358	16.543E-6
	-11.00000	31.00000	-8.50000	-2.2458	-8.9310	-759.32E-6	-1.6174	18.631E-6
	-10.00000	31.00000	-8.50000	-2.5319	-8.9310	-998.15E-6	-1.8348	21.132E-6
	-9.00000	31.00000	-8.50000	-2.8498	-8.9310	-0.0013430	-2.0987	24.164E-6
	-8.00000	31.00000	-8.50000	-3.2041	-8.9310	-0.0018579	-2.4239	27.897E-6
	-7.00000	31.00000	-8.50000	-3.6004	-8.9310	-0.0026588	-2.8319	32.576E-6
	-6.00000	31.00000	-8.50000	-4.0455	-8.9310	-0.0039677	-3.3553	38.568E-6
	-5.00000	31.00000	-8.50000	-4.5475	-8.9310	-0.0062404	-4.0448	46.444E-6
	-4.00000	31.00000	-8.50000	-5.1162	-8.9310	-0.010490	-4.9830	57.120E-6
	-3.00000	31.00000	-8.50000	-5.7629	-8.9310	-0.019160	-6.3074	72.098E-6
	-2.00000	31.00000	-8.50000	-6.4983	-8.9310	-0.038441	-8.2437	93.767E-6
	-1.00000	31.00000	-8.50000	-7.3249	-8.9310	-0.082130	-11.084	125.02E-6
	0.00000	31.00000	-8.50000	-8.2179	-8.9310	-0.16080	-14.824	165.44E-6
	1.00000	31.00000	-8.50000	-9.1113	-8.9310	-0.23947	-18.565	205.88E-6
	2.00000	31.00000	-8.50000	-9.9393	-8.9310	-0.28316	-21.409	237.17E-6
	3.00000	31.00000	-8.50000	-10.677	-8.9310	-0.30245	-23.351	258.90E-6
	4.00000	31.00000	-8.50000	-11.327	-8.9310	-0.31113	-24.683	273.97E-6
	5.00000	31.00000	-8.50000	-11.899	-8.9310	-0.31539	-25.632	284.77E-6
	6.00000	31.00000	-8.50000	-12.406	-8.9310	-0.31769	-26.334	292.79E-6
	7.00000	31.00000	-8.50000	-12.857	-8.9310	-0.31902	-26.874	298.97E-6
	8.00000	31.00000	-8.50000	-13.259	-8.9310	-0.31985	-27.302	303.89E-6
	9.00000	31.00000	-8.50000	-13.622	-8.9310	-0.32041	-27.653	307.92E-6
	10.00000	31.00000	-8.50000	-13.949	-8.9310	-0.32081	-27.951	311.33E-6
	11.00000	31.00000	-8.50000	-14.248	-8.9310	-0.32114	-28.213	314.35E-6
	12.00000	31.00000	-8.50000	-14.524	-8.9310	-0.32145	-28.456	317.13E-6
	13.00000	31.00000	-8.50000	-14.781	-8.9310	-0.32180	-28.695	319.88E-6
	14.00000	31.00000	-8.50000	-15.026	-8.9310	-0.32229	-28.951	322.82E-6
	15.00000	31.00000	-8.50000	-15.267	-8.9310	-0.32311	-29.255	326.30E-6
	16.00000	31.00000	-8.50000	-15.513	-8.9310	-0.32467	-29.658	330.89E-6
	17.00000	31.00000	-8.50000	-15.780	-8.9310	-0.32816	-30.263	337.75E-6
	18.00000	31.00000	-8.50000	-16.093	-8.9310	-0.33739	-31.301	349.40E-6
	19.00000	31.00000	-8.50000	-16.495	-8.9310	-0.36845	-33.399	372.53E-6
	20.00000	31.00000	-8.50000	-17.083	-8.9310	-0.52237	-38.740	428.82E-6
	21.00000	31.00000	-8.50000	-18.100	-8.9310	-2.1649	-59.198	607.97E-6
	22.00000	31.00000	-8.50000	-21.220	-8.9310	-79.053	-220.94	-187.08E-6
	23.00000	31.00000	-8.50000	-24.309	-8.9310	-155.94	-382.67	-982.40E-6
	24.00000	31.00000	-8.50000	-25.236	-8.9310	-157.58	-403.05	-804.04E-6
	25.00000	31.00000	-8.50000	-25.671	-8.9310	-157.74	-408.28	-749.11E-6
	26.00000	31.00000	-8.50000	-25.856	-8.9310	-157.77	-410.20	-727.97E-6
	27.00000	31.00000	-8.50000	-25.883	-8.9310	-157.78	-411.00	-719.04E-6
	28.00000	31.00000	-8.50000	-25.792	-8.9310	-157.78	-411.29	-715.80E-6
	29.00000	31.00000	-8.50000	-25.601	-8.9310	-157.78	-411.28	-715.94E-6
	30.00000	31.00000	-8.50000	-25.315	-8.9310	-157.78	-411.05	-718.68E-6
	31.00000	31.00000	-8.50000	-24.934	-8.9310	-157.78	-410.58	-724.01E-6
	32.00000	31.00000	-8.50000	-24.446	-8.9310	-157.78	-409.83	-732.53E-6
	33.00000	31.00000	-8.50000	-23.835	-8.9310	-157.77	-408.67	-745.78E-6
	34.00000	31.00000	-8.50000	-23.070	-8.9310	-157.76	-406.78	-767.08E-6
	35.00000	31.00000	-8.50000	-22.097	-8.9310	-157.72	-403.42	-804.54E-6
	36.00000	31.00000	-8.50000	-20.813	-8.9310	-157.55	-396.17	-882.18E-6
	37.00000	31.00000	-8.50000	-18.971	-8.9310	-155.86	-372.87	-0.0010926
	38.00000	31.00000	-8.50000	-14.924	-8.9310	-78.893	-207.36	-338.24E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	39.00000	31.00000	-8.50000	-10.870	-8.9310	-1.9257	-41.842	416.03E-6
	40.00000	31.00000	-8.50000	-9.0079	-8.9310	-0.23947	-18.528	205.44E-6
	41.00000	31.00000	-8.50000	-7.6881	-8.9310	-0.066268	-11.248	127.46E-6
	42.00000	31.00000	-8.50000	-6.6642	-8.9310	-0.026536	-7.8384	89.504E-6
	43.00000	31.00000	-8.50000	-5.8312	-8.9310	-0.013072	-5.8899	67.492E-6
	44.00000	31.00000	-8.50000	-5.1332	-8.9310	-0.0073415	-4.6396	53.267E-6
	45.00000	31.00000	-8.50000	-4.5368	-8.9310	-0.0045112	-3.7744	43.385E-6
	46.00000	31.00000	-8.50000	-4.0200	-8.9310	-0.0029590	-3.1435	36.160E-6
	47.00000	31.00000	-8.50000	-3.5675	-8.9310	-0.0020392	-2.6650	30.673E-6
	48.00000	31.00000	-8.50000	-3.1678	-8.9310	-0.0014607	-2.2914	26.382E-6
	49.00000	31.00000	-8.50000	-2.8127	-8.9310	-0.0010792	-1.9926	22.948E-6
	50.00000	31.00000	-8.50000	-2.4954	-8.9310	-817.81E-6	-1.7491	20.149E-6
	51.00000	31.00000	-8.50000	-2.2108	-8.9310	-632.95E-6	-1.5476	17.830E-6
	52.00000	31.00000	-8.50000	-1.9546	-8.9310	-498.68E-6	-1.3785	15.885E-6
	53.00000	31.00000	-8.50000	-1.7233	-8.9310	-398.94E-6	-1.2352	14.236E-6
	54.00000	31.00000	-8.50000	-1.5140	-8.9310	-323.39E-6	-1.1125	12.823E-6
	55.00000	31.00000	-8.50000	-1.3243	-8.9310	-265.18E-6	-1.0066	11.603E-6
	56.00000	31.00000	-8.50000	-1.1520	-8.9310	-219.67E-6	-0.91453	10.542E-6
	57.00000	31.00000	-8.50000	-0.99527	-8.9310	-183.62E-6	-0.83392	9.6136E-6
	58.00000	31.00000	-8.50000	-0.85265	-8.9310	-154.73E-6	-0.76297	8.7961E-6
	59.00000	31.00000	-8.50000	-0.72272	-8.9310	-131.33E-6	-0.70019	8.0727E-6
	60.00000	31.00000	-8.50000	-0.60429	-8.9310	-112.20E-6	-0.64438	7.4295E-6
	-20.00000	32.00000	-8.50000	-0.57485	-8.9310	-115.19E-6	-0.63690	7.3431E-6
	-19.00000	32.00000	-8.50000	-0.68891	-8.9310	-135.20E-6	-0.69181	7.9758E-6
	-18.00000	32.00000	-8.50000	-0.81378	-8.9310	-159.78E-6	-0.75352	8.6869E-6
	-17.00000	32.00000	-8.50000	-0.95053	-8.9310	-190.24E-6	-0.82319	9.4896E-6
	-16.00000	32.00000	-8.50000	-1.1004	-8.9310	-228.38E-6	-0.90223	10.400E-6
	-15.00000	32.00000	-8.50000	-1.2646	-8.9310	-276.69E-6	-0.99239	11.438E-6
	-14.00000	32.00000	-8.50000	-1.4448	-8.9310	-338.68E-6	-1.0958	12.630E-6
	-13.00000	32.00000	-8.50000	-1.6427	-8.9310	-419.36E-6	-1.2153	14.005E-6
	-12.00000	32.00000	-8.50000	-1.8603	-8.9310	-526.08E-6	-1.3543	15.605E-6
	-11.00000	32.00000	-8.50000	-2.0998	-8.9310	-669.84E-6	-1.5174	17.481E-6
	-10.00000	32.00000	-8.50000	-2.3638	-8.9310	-867.56E-6	-1.7104	19.701E-6
	-9.00000	32.00000	-8.50000	-2.6554	-8.9310	-0.0011460	-1.9414	22.356E-6
	-8.00000	32.00000	-8.50000	-2.9778	-8.9310	-0.0015492	-2.2211	25.569E-6
	-7.00000	32.00000	-8.50000	-3.3352	-8.9310	-0.0021513	-2.5645	29.508E-6
	-6.00000	32.00000	-8.50000	-3.7319	-8.9310	-0.0030836	-2.9923	34.411E-6
	-5.00000	32.00000	-8.50000	-4.1728	-8.9310	-0.0045855	-3.5342	40.611E-6
	-4.00000	32.00000	-8.50000	-4.6630	-8.9310	-0.0071071	-4.2322	48.576E-6
	-3.00000	32.00000	-8.50000	-5.2066	-8.9310	-0.011491	-5.1427	58.927E-6
	-2.00000	32.00000	-8.50000	-5.8049	-8.9310	-0.019173	-6.3301	72.359E-6
	-1.00000	32.00000	-8.50000	-6.4520	-8.9310	-0.031815	-7.8295	89.218E-6
	0.00000	32.00000	-8.50000	-7.1296	-8.9310	-0.049044	-9.5616	108.60E-6
	1.00000	32.00000	-8.50000	-7.8076	-8.9310	-0.066274	-11.295	128.00E-6
	2.00000	32.00000	-8.50000	-8.4557	-8.9310	-0.078919	-12.797	144.89E-6
	3.00000	32.00000	-8.50000	-9.0558	-8.9310	-0.086607	-13.989	158.38E-6
	4.00000	32.00000	-8.50000	-9.6018	-8.9310	-0.091000	-14.906	168.81E-6
	5.00000	32.00000	-8.50000	-10.095	-8.9310	-0.093533	-15.613	176.88E-6
	6.00000	32.00000	-8.50000	-10.540	-8.9310	-0.095051	-16.167	183.21E-6
	7.00000	32.00000	-8.50000	-10.941	-8.9310	-0.096005	-16.610	188.28E-6
	8.00000	32.00000	-8.50000	-11.304	-8.9310	-0.096635	-16.972	192.44E-6
	9.00000	32.00000	-8.50000	-11.634	-8.9310	-0.09708	-17.276	195.93E-6
	10.00000	32.00000	-8.50000	-11.935	-8.9310	-0.097414	-17.538	198.95E-6
	11.00000	32.00000	-8.50000	-12.211	-8.9310	-0.097697	-17.774	201.65E-6
	12.00000	32.00000	-8.50000	-12.467	-8.9310	-0.097973	-17.995	204.20E-6
	13.00000	32.00000	-8.50000	-12.708	-8.9310	-0.098296	-18.217	206.74E-6
	14.00000	32.00000	-8.50000	-12.939	-8.9310	-0.098749	-18.456	209.49E-6
	15.00000	32.00000	-8.50000	-13.167	-8.9310	-0.099495	-18.741	212.75E-6
	16.00000	32.00000	-8.50000	-13.401	-8.9310	-0.10090	-19.116	217.03E-6
	17.00000	32.00000	-8.50000	-13.653	-8.9310	-0.10395	-19.670	223.32E-6
	18.00000	32.00000	-8.50000	-13.945	-8.9310	-0.11160	-20.592	233.68E-6
	19.00000	32.00000	-8.50000	-14.312	-8.9310	-0.13539	-22.355	253.20E-6
	20.00000	32.00000	-8.50000	-14.822	-8.9310	-0.23947	-26.438	296.70E-6
	21.00000	32.00000	-8.50000	-15.625	-8.9310	-1.1728	-39.752	417.98E-6
	22.00000	32.00000	-8.50000	-17.563	-8.9310	-40.049	-126.85	77.360E-6
	23.00000	32.00000	-8.50000	-19.473	-8.9310	-78.924	-213.93	-263.50E-6
	24.00000	32.00000	-8.50000	-20.191	-8.9310	-79.858	-227.18	-142.94E-6
	25.00000	32.00000	-8.50000	-20.559	-8.9310	-79.962	-231.16	-100.68E-6
	26.00000	32.00000	-8.50000	-20.724	-8.9310	-79.985	-232.76	-82.982E-6
	27.00000	32.00000	-8.50000	-20.752	-8.9310	-79.993	-233.47	-75.091E-6
	28.00000	32.00000	-8.50000	-20.673	-8.9310	-79.995	-233.74	-72.070E-6
	29.00000	32.00000	-8.50000	-20.503	-8.9310	-79.996	-233.74	-72.038E-6
	30.00000	32.00000	-8.50000	-20.247	-8.9310	-79.996	-233.55	-74.312E-6
	31.00000	32.00000	-8.50000	-19.905	-8.9310	-79.995	-233.15	-78.839E-6
	32.00000	32.00000	-8.50000	-19.469	-8.9310	-79.993	-232.52	-86.070E-6
	33.00000	32.00000	-8.50000	-18.927	-8.9310	-79.989	-231.55	-97.140E-6
	34.00000	32.00000	-8.50000	-18.256	-8.9310	-79.979	-230.01	-114.48E-6
	35.00000	32.00000	-8.50000	-17.420	-8.9310	-79.951	-227.39	-143.71E-6
	36.00000	32.00000	-8.50000	-16.350	-8.9310	-79.839	-222.15	-200.33E-6
	37.00000	32.00000	-8.50000	-14.904	-8.9310	-78.893	-207.34	-338.45E-6
	38.00000	32.00000	-8.50000	-12.258	-8.9310	-40.000	-118.49	-17.467E-6
	39.00000	32.00000	-8.50000	-9.6057	-8.9310	-1.1068	-29.626	303.45E-6
	40.00000	32.00000	-8.50000	-8.1397	-8.9310	-0.16080	-14.799	165.15E-6
	41.00000	32.00000	-8.50000	-7.0353	-8.9310	-0.049042	-9.5271	108.20E-6
	42.00000	32.00000	-8.50000	-6.1490	-8.9310	-0.020872	-6.8661	78.483E-6
	43.00000	32.00000	-8.50000	-5.4120	-8.9310	-0.010710	-5.2725	60.452E-6
	44.00000	32.00000	-8.50000	-4.7852	-8.9310	-0.0061925	-4.2169	48.431E-6
	45.00000	32.00000	-8.50000	-4.2436	-8.9310	-0.0038884	-3.4697	39.891E-6
	46.00000	32.00000	-8.50000	-3.7703	-8.9310	-0.0025935	-2.9152	33.539E-6
	47.00000	32.00000	-8.50000	-3.3528	-8.9310	-0.0018113	-2.4890	28.650E-6
	48.00000	32.00000	-8.50000	-2.9821	-8.9310	-0.0013116	-2.1525	24.786E-6
	49.00000	32.00000	-8.50000	-2.6510	-8.9310	-977.83E-6	-1.8811	21.666E-6
	50.00000	32.00000	-8.50000	-2.3541	-8.9310	-746.67E-6	-1.6582	19.102E-6
	51.00000	32.00000	-8.50000	-2.0868	-8.9310	-581.69E-6	-1.4725	16.966E-6
	52.00000	32.00000	-8.50000	-1.8454	-8.9310	-460.92E-6	-1.3159	15.164E-6
	53.00000	32.00000	-8.50000	-1.6269	-8.9310	-370.59E-6	-1.1825	13.628E-6
	54.00000	32.00000	-8.50000	-1.4287	-8.9310	-301.74E-6	-1.0678	12.307E-6
	55.00000	32.00000	-8.50000	-1.2486	-8.9310	-248.42E-6	-0.96837	11.162E-6
	56.00000	32.00000	-8.50000	-1.0847	-8.9310	-206.53E-6	-0.88163	10.163E-6
	57.00000	32.00000	-8.50000	-0.93545	-8.9310	-173.20E-6	-0.80547	9.2857E-6
	58.00000	32.00000	-8.50000	-0.79937	-8.9310	-146.38E-6	-0.73824	8.5110E-6
	59.00000	32.00000	-8.50000	-0.67523	-8.9310	-124.58E-6	-0.67859	7.8238E-6
	60.00000	32.00000	-8.50000	-0.56192	-8.9310	-106.71E-6	-0.62544	7.2113E-6
	-20.00000	33.00000	-8.50000	-0.52685	-8.9310	-107.96E-6	-0.61471	7.0874E-6
	-19.00000	33.00000	-8.50000	-0.63498	-8.9310	-126.19E-6	-0.66631	7.6821E-6
	-18.00000	33.00000	-8.50000	-0.75312	-8.9310	-148.42E-6	-0.72408	8.3477E-6
	-17.00000	33.00000	-8.50000	-0.88221	-8.9310	-175.77E-6	-0.78902	9.0959E-6
	-16.00000	33.00000	-8.50000	-1.0233	-8.9310	-209.74E-6	-0.86233	9.9403E-6
	-15.00000	33.00000	-8.50000	-1.1775	-8.9310	-252.37E-6	-0.94547	10.898E-6
	-14.00000	33.00000	-8.50000	-1.3462	-8.9310	-306.47E-6	-1.0403	11.990E-6
	-13.00000	33.00000	-8.50000	-1.5308	-8.9310	-375.99E-6	-1.1489	13.241E-6
	-12.00000	33.00000	-8.50000	-1.7329	-8.9310	-466.58E-6

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	18.00000	33.00000	-8.50000	-12.200	-8.9310	-0.051884	-14.973	170.93E-6
	19.00000	33.00000	-8.50000	-12.513	-8.9310	-0.066221	-16.258	185.26E-6
	20.00000	33.00000	-8.50000	-12.911	-8.9310	-0.11315	-18.748	212.36E-6
	21.00000	33.00000	-8.50000	-13.443	-8.9310	-0.31414	-24.175	268.01E-6
	22.00000	33.00000	-8.50000	-14.121	-8.9310	-1.1274	-35.371	369.02E-6
	23.00000	33.00000	-8.50000	-14.774	-8.9310	-1.9406	-46.549	469.82E-6
	24.00000	33.00000	-8.50000	-15.228	-8.9310	-2.1415	-51.918	524.81E-6
	25.00000	33.00000	-8.50000	-15.495	-8.9310	-2.1883	-54.311	550.79E-6
	26.00000	33.00000	-8.50000	-15.621	-8.9310	-2.2025	-55.453	563.47E-6
	27.00000	33.00000	-8.50000	-15.637	-8.9310	-2.2077	-56.001	569.61E-6
	28.00000	33.00000	-8.50000	-15.564	-8.9310	-2.2098	-56.220	572.07E-6
	29.00000	33.00000	-8.50000	-15.411	-8.9310	-2.2105	-56.225	572.10E-6
	30.00000	33.00000	-8.50000	-15.182	-8.9310	-2.2104	-56.059	570.19E-6
	31.00000	33.00000	-8.50000	-14.877	-8.9310	-2.2097	-55.729	566.41E-6
	32.00000	33.00000	-8.50000	-14.491	-8.9310	-2.2082	-55.207	560.44E-6
	33.00000	33.00000	-8.50000	-14.017	-8.9310	-2.2050	-54.425	551.52E-6
	34.00000	33.00000	-8.50000	-13.440	-8.9310	-2.1982	-53.243	538.13E-6
	35.00000	33.00000	-8.50000	-12.740	-8.9310	-2.1816	-51.372	517.11E-6
	36.00000	33.00000	-8.50000	-11.884	-8.9310	-2.1313	-48.135	481.52E-6
	37.00000	33.00000	-8.50000	-10.835	-8.9310	-1.9256	-41.811	415.68E-6
	38.00000	33.00000	-8.50000	-9.5896	-8.9310	-1.1067	-29.612	303.30E-6
	39.00000	33.00000	-8.50000	-8.3380	-8.9310	-0.28785	-17.408	190.86E-6
	40.00000	33.00000	-8.50000	-7.2684	-8.9310	-0.082139	-11.069	124.84E-6
	41.00000	33.00000	-8.50000	-6.3795	-8.9310	-0.031816	-7.8050	88.935E-6
	42.00000	33.00000	-8.50000	-5.6308	-8.9310	0.015208	-5.8926	67.449E-6
	43.00000	33.00000	-8.50000	-4.9900	-8.9310	-0.0083488	-4.6540	53.398E-6
	44.00000	33.00000	-8.50000	-4.4345	-8.9310	-0.0050433	-3.7932	43.583E-6
	45.00000	33.00000	-8.50000	-3.9478	-8.9310	-0.0032654	-3.1639	36.385E-6
	46.00000	33.00000	-8.50000	-3.5179	-8.9310	-0.0022279	-2.6859	30.907E-6
	47.00000	33.00000	-8.50000	-3.1357	-8.9310	-0.0015832	-2.3120	26.616E-6
	48.00000	33.00000	-8.50000	-2.7940	-8.9310	-0.0011623	-2.0128	23.179E-6
	49.00000	33.00000	-8.50000	-2.4872	-8.9310	-876.29E-6	-1.7687	20.373E-6
	50.00000	33.00000	-8.50000	-2.2107	-8.9310	-675.38E-6	-1.5664	18.047E-6
	51.00000	33.00000	-8.50000	-1.9608	-8.9310	-530.30E-6	-1.3967	16.093E-6
	52.00000	33.00000	-8.50000	-1.7344	-8.9310	-423.03E-6	-1.2526	14.435E-6
	53.00000	33.00000	-8.50000	-1.5288	-8.9310	-342.11E-6	-1.1291	13.013E-6
	54.00000	33.00000	-8.50000	-1.3418	-8.9310	-279.99E-6	-1.0224	11.784E-6
	55.00000	33.00000	-8.50000	-1.1714	-8.9310	-231.56E-6	-0.92952	10.715E-6
	56.00000	33.00000	-8.50000	-1.0161	-8.9310	-193.29E-6	-0.84817	9.7776E-6
	57.00000	33.00000	-8.50000	-0.87440	-8.9310	-162.69E-6	-0.77650	8.9519E-6
	58.00000	33.00000	-8.50000	-0.74496	-8.9310	-137.96E-6	-0.71302	8.2205E-6
	59.00000	33.00000	-8.50000	-0.62669	-8.9310	-117.77E-6	-0.65655	7.5697E-6
	60.00000	33.00000	-8.50000	-0.51859	-8.9310	-101.15E-6	-0.60609	6.9882E-6
	-20.00000	34.00000	-8.50000	-0.47842	-8.9310	-100.85E-6	-0.59242	6.8305E-6
	-19.00000	34.00000	-8.50000	-0.58064	-8.9310	-117.36E-6	-0.64077	7.3877E-6
	-18.00000	34.00000	-8.50000	-0.69209	-8.9310	-137.35E-6	-0.69468	8.0090E-6
	-17.00000	34.00000	-8.50000	-0.81360	-8.9310	-161.76E-6	-0.75501	8.7040E-6
	-16.00000	34.00000	-8.50000	-0.94605	-8.9310	-191.81E-6	-0.82276	9.4845E-6
	-15.00000	34.00000	-8.50000	-1.0904	-8.9310	-229.15E-6	-0.89916	10.365E-6
	-14.00000	34.00000	-8.50000	-1.2478	-8.9310	-275.98E-6	-0.98569	11.361E-6
	-13.00000	34.00000	-8.50000	-1.4195	-8.9310	-335.37E-6	-1.0841	12.495E-6
	-12.00000	34.00000	-8.50000	-1.6066	-8.9310	-411.55E-6	-1.1967	13.791E-6
	-11.00000	34.00000	-8.50000	-1.8106	-8.9310	-510.52E-6	-1.3262	15.281E-6
	-10.00000	34.00000	-8.50000	-2.0331	-8.9310	-640.82E-6	-1.4758	17.002E-6
	-9.00000	34.00000	-8.50000	-2.2756	-8.9310	-814.85E-6	-1.6497	19.003E-6
	-8.00000	34.00000	-8.50000	-2.5400	-8.9310	-0.0010507	-1.8531	21.341E-6
	-7.00000	34.00000	-8.50000	-2.8278	-8.9310	-0.0013751	-2.0923	24.088E-6
	-6.00000	34.00000	-8.50000	-3.1407	-8.9310	-0.0018270	-2.3746	27.330E-6
	-5.00000	34.00000	-8.50000	-3.4798	-8.9310	-0.0024624	-2.7088	31.163E-6
	-4.00000	34.00000	-8.50000	-3.8458	-8.9310	-0.0033569	-3.1038	35.688E-6
	-3.00000	34.00000	-8.50000	-4.2378	-8.9310	-0.0045999	-3.5666	40.985E-6
	-2.00000	34.00000	-8.50000	-4.6532	-8.9310	-0.0062663	-4.0989	47.067E-6
	-1.00000	34.00000	-8.50000	-5.0868	-8.9310	-0.0083545	-4.6913	53.829E-6
	0.00000	34.00000	-8.50000	-5.5304	-8.9310	-0.0100720	-5.3198	60.997E-6
	1.00000	34.00000	-8.50000	-5.9743	-8.9310	0.013086	-5.9489	68.172E-6
	2.00000	34.00000	-8.50000	-6.4084	-8.9310	-0.015176	-6.5434	74.958E-6
	3.00000	34.00000	-8.50000	-6.8248	-8.9310	-0.016847	-7.0792	81.081E-6
	4.00000	34.00000	-8.50000	-7.2182	-8.9310	-0.018097	-7.5472	86.436E-6
	5.00000	34.00000	-8.50000	-7.5860	-8.9310	-0.019001	-7.9491	91.042E-6
	6.00000	34.00000	-8.50000	-7.9276	-8.9310	-0.019649	-8.2925	94.981E-6
	7.00000	34.00000	-8.50000	-8.2436	-8.9310	-0.020118	-8.5868	98.360E-6
	8.00000	34.00000	-8.50000	-8.5355	-8.9310	-0.020466	-8.8415	101.29E-6
	9.00000	34.00000	-8.50000	-8.8053	-8.9310	-0.020735	-9.0652	103.86E-6
	10.00000	34.00000	-8.50000	-9.0552	-8.9310	-0.020957	-9.2659	106.16E-6
	11.00000	34.00000	-8.50000	-9.2877	-8.9310	-0.021157	-9.4515	108.30E-6
	12.00000	34.00000	-8.50000	-9.5056	-8.9310	-0.021362	-9.6299	110.35E-6
	13.00000	34.00000	-8.50000	-9.7120	-8.9310	-0.021606	-9.8104	112.42E-6
	14.00000	34.00000	-8.50000	-9.9105	-8.9310	-0.021940	-10.005	114.66E-6
	15.00000	34.00000	-8.50000	-10.106	-8.9310	-0.022457	-10.231	117.24E-6
	16.00000	34.00000	-8.50000	-10.303	-8.9310	-0.023343	-10.514	120.48E-6
	17.00000	34.00000	-8.50000	-10.509	-8.9310	-0.024999	-10.897	124.84E-6
	18.00000	34.00000	-8.50000	-10.734	-8.9310	-0.028364	-11.455	131.16E-6
	19.00000	34.00000	-8.50000	-10.989	-8.9310	-0.035792	-12.317	140.85E-6
	20.00000	34.00000	-8.50000	-11.288	-8.9310	-0.053399	-13.707	156.28E-6
	21.00000	34.00000	-8.50000	-11.637	-8.9310	-0.094981	-15.927	180.44E-6
	22.00000	34.00000	-8.50000	-12.019	-8.9310	-0.17125	-18.995	213.19E-6
	23.00000	34.00000	-8.50000	-12.377	-8.9310	-0.24751	-22.045	245.74E-6
	24.00000	34.00000	-8.50000	-12.654	-8.9310	-0.28905	-24.213	269.32E-6
	25.00000	34.00000	-8.50000	-12.832	-8.9310	-0.30658	-25.516	283.74E-6
	26.00000	34.00000	-8.50000	-12.916	-8.9310	-0.31389	-26.250	291.96E-6
	27.00000	34.00000	-8.50000	-12.917	-8.9310	-0.31708	-26.635	296.29E-6
	28.00000	34.00000	-8.50000	-12.845	-8.9310	-0.31848	-26.794	298.07E-6
	29.00000	34.00000	-8.50000	-12.705	-8.9310	-0.31900	-26.789	298.00E-6
	30.00000	34.00000	-8.50000	-12.500	-8.9310	-0.31896	-26.649	296.38E-6
	31.00000	34.00000	-8.50000	-12.230	-8.9310	-0.31844	-26.377	293.25E-6
	32.00000	34.00000	-8.50000	-11.892	-8.9310	-0.31731	-25.955	288.43E-6
	33.00000	34.00000	-8.50000	-11.482	-8.9310	-0.31514	-25.344	281.46E-6
	34.00000	34.00000	-8.50000	-10.992	-8.9310	-0.31097	-24.467	271.49E-6
	35.00000	34.00000	-8.50000	-10.413	-8.9310	-0.30234	-23.192	257.07E-6
	36.00000	34.00000	-8.50000	-9.7359	-8.9310	-0.28310	-21.295	235.86E-6
	37.00000	34.00000	-8.50000	-8.9599	-8.9310	-0.23943	-18.488	204.99E-6
	38.00000	34.00000	-8.50000	-8.1107	-8.9310	-0.16078	-14.776	164.88E-6
	39.00000	34.00000	-8.50000	-7.2553	-8.9310	-0.082131	-11.059	124.73E-6
	40.00000	34.00000	-8.50000	-6.4603	-8.9310	-0.038452	-8.2362	93.680E-6
	41.00000	34.00000	-8.50000	-5.7512	-8.9310	-0.019177	-6.3139	72.172E-6
	42.00000	34.00000	-8.50000	-5.1263	-8.9310	-0.010511	-5.0002	57.317E-6
	43.00000	34.00000	-8.50000	-4.5754	-8.9310	-0.0062631	-4.0700	46.734E-6
	44.00000	34.00000	-8.50000	-4.0878	-8.9310	-0.0039912	-3.3862	38.925E-6
	45.00000	34.00000	-8.50000	-3.6541	-8.9310	-0.0026820	-2.8668	32.978E-6
	46.00000	34.00000	-8.50000	-3.2666	-8.9310	-0.0018802	-2.4615	28.330E-6
	47.00000	34.00000	-8.50000	-2.9189	-8.9310	-0.0013640	-2.1378	24.614E-6
	48.00000	34.00000	-8.50000	-2.6057	-8.9310	-0.0010178	-1.8746	21.590E-6
	49.00000	34.00000	-8.50000	-2.3228	-8.9310	-777.39E-6	-1.6572	19.090E-6
	50.00000	34.00000	-8.50000	-2.0666	-8.9310	-605.61E-6	-1.4751	16.996E-6
	51.00000	34.00000	-8.50000	-1.8340	-8.9310	-479.80E-6	-1.3210	15.222E-6
	52.00000	34.00000	-8.50000	-1.6224	-8.9310	-385.68E-6	-1.1892	13.705E-6
	53.00000	34.00000	-8.50000	-1.4297	-8.9310	-313.97E-6	-1.0755	12.396E-6
	54.00000	34.00000	-8.50000	-1.2539	-8.9310	-258.43E-6	-0.97677	11.259E-6
	55.00000	34.00000	-8.50000	-1.0934	-8.9310	-214.81E-6	-0.89041	10.264E-6
	56.00000	34.00000	-8.50000	-0.94669	-8.9310	-180.12E-6	-0.81443	9.3888E-6
	57.00000	34.00000	-8.50000	-0.81252	-8.9310	-152.22E-6	-0.74723	8.6146E-6
	58.00000	34.00000	-8.50000	-0.68976	-8.9310	-129.54E-6	-0.68757	7.9260E-6
	59.00000	34.00000	-8.50000	-0.57741	-8.9310	-110.95E-6	-0.63421	7.3122E-6
	60.00000	34.00000	-8.50000	-0.47456	-8.9310	-95.583E-6	-0.58645	6.7618E-6
	-20.00000	35.00000	-8.50000	-0.42985	-8.9310	-93.936E-6	-0.57017	6.5741E-6
	-19.00000	35.00000	-8.50000	-0.52624	-8.9310	-108.81E-6	-0.61536	7.0949E-6
	-18.00000	35.00000	-8.50000	-0.63110	-8.9310	-126.70E-6	-0.66554	7.6731E-6
	-17.00000	35.00000	-8.50000	-0.74516	-8.9310	-148.36E-6	-0.72142	8.3170E-6
	-16.00000	35.00000	-8.50000	-0.86918	-8.9310	-174.78E-6	-0.78384	9.0362E-6
	-15.00000	35.00000	-8.50000	-1.0040	-8.9310	-207.27E-6	-0.85383	9.8424E-6
	-14.00000	35.00000	-8.50000	-1.1504	-8.9310	-247.55E-6	-0.93257	10.749E-6
	-13.00000	35.00000	-8.50000	-1.3096	-8.9310	-297.93E-6	-1.0215	11.773E-6
	-12.00000	35.00000	-8.50000	-1.4823	-8.9310	-361.54E-6	-1.1223	12.934E-6
	-11.00000	35.00000	-8.50000	-1.6699	-8.9310	-442.64E-6	-1.2370	14.254E-6
	-10.00000	35.00000	-8.50000	-1.8733	-8.9310	-547.09E-6	-1.3680	15.762E-6
	-9.00000	35.00000	-8.50000	-2.0937	-8.9310	-682.98E-6	-1.5183	17.492E-6
	-8.00000	35.00000	-8.50000	-2.3323	-8.9310	-861.46E-6	-1.6913	19.480E-6
	-7.00000	35.00000	-8.50000	-2.5901	-8.9310	-0.0010978	-1.8908	21.773E-6
	-6.00000	35.00000	-8.50000	-2.8679	-8.9310	-0.0014124	-2.1210	24.419E-6
	-5.00000	35.00000	-8.50000	-3.1660	-8.9310	-0.0018313	-2.3865	27.467E-6
	-4.00000	35.00000	-8.50000	-3.4842	-8.9310	-0.0023849	-2.6908	30.958E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-3.00000	35.00000	-8.50000	-3.8213	-8.9310	-0.0031017	-3.0358	34.913E-6
	-2.00000	35.00000	-8.50000	-4.1746	-8.9310	-0.0039964	-3.4196	39.310E-6
	-1.00000	35.00000	-8.50000	-4.5401	-8.9310	-0.0050512	-3.8350	44.065E-6
	0.00000	35.00000	-8.50000	-4.9121	-8.9310	-0.0062037	-4.2684	49.025E-6
	1.00000	35.00000	-8.50000	-5.2843	-8.9310	-0.0073570	-4.7025	53.992E-6
	2.00000	35.00000	-8.50000	-5.6502	-8.9310	-0.0084141	-5.1196	58.767E-6
	3.00000	35.00000	-8.50000	-6.0042	-8.9310	-0.0093127	-5.5065	63.199E-6
	4.00000	35.00000	-8.50000	-6.3422	-8.9310	-0.010035	-5.8560	67.206E-6
	5.00000	35.00000	-8.50000	-6.6618	-8.9310	-0.010597	-6.1664	70.768E-6
	6.00000	35.00000	-8.50000	-6.9617	-8.9310	-0.011027	-6.4400	73.909E-6
	7.00000	35.00000	-8.50000	-7.2419	-8.9310	-0.011357	-6.6809	76.676E-6
	8.00000	35.00000	-8.50000	-7.5029	-8.9310	-0.011615	-6.8942	79.128E-6
	9.00000	35.00000	-8.50000	-7.7460	-8.9310	-0.011823	-7.0852	81.325E-6
	10.00000	35.00000	-8.50000	-7.9725	-8.9310	-0.012000	-7.2594	83.328E-6
	11.00000	35.00000	-8.50000	-8.1844	-8.9310	-0.012166	-7.4223	85.201E-6
	12.00000	35.00000	-8.50000	-8.3836	-8.9310	-0.012337	-7.5800	87.014E-6
	13.00000	35.00000	-8.50000	-8.5725	-8.9310	-0.012540	-7.7395	88.847E-6
	14.00000	35.00000	-8.50000	-8.7539	-8.9310	-0.012810	-7.9099	90.804E-6
	15.00000	35.00000	-8.50000	-8.9311	-8.9310	-0.013209	-8.1034	93.022E-6
	16.00000	35.00000	-8.50000	-9.1079	-8.9310	-0.013851	-8.3374	95.699E-6
	17.00000	35.00000	-8.50000	-9.2890	-8.9310	-0.014949	-8.6378	99.127E-6
	18.00000	35.00000	-8.50000	-9.4795	-8.9310	-0.016925	-9.0431	103.73E-6
	19.00000	35.00000	-8.50000	-9.6848	-8.9310	-0.020592	-9.6079	110.12E-6
	20.00000	35.00000	-8.50000	-9.9084	-8.9310	-0.027371	-10.398	119.00E-6
	21.00000	35.00000	-8.50000	-10.148	-8.9310	-0.038941	-11.456	130.80E-6
	22.00000	35.00000	-8.50000	-10.390	-8.9310	-0.054990	-12.713	144.76E-6
	23.00000	35.00000	-8.50000	-10.610	-8.9310	-0.071027	-13.956	158.54E-6
	24.00000	35.00000	-8.50000	-10.783	-8.9310	-0.082560	-14.967	169.80E-6
	25.00000	35.00000	-8.50000	-10.896	-8.9310	-0.089273	-15.679	177.78E-6
	26.00000	35.00000	-8.50000	-10.945	-8.9310	-0.092839	-16.131	182.87E-6
	27.00000	35.00000	-8.50000	-10.931	-8.9310	-0.094668	-16.383	185.72E-6
	28.00000	35.00000	-8.50000	-10.859	-8.9310	-0.095557	-16.487	186.88E-6
	29.00000	35.00000	-8.50000	-10.730	-8.9310	-0.095900	-16.471	186.68E-6
	30.00000	35.00000	-8.50000	-10.546	-8.9310	-0.095865	-16.350	185.30E-6
	31.00000	35.00000	-8.50000	-10.308	-8.9310	-0.095490	-16.127	182.74E-6
	32.00000	35.00000	-8.50000	-10.013	-8.9310	-0.094702	-15.792	178.90E-6
	33.00000	35.00000	-8.50000	-9.6607	-8.9310	-0.093295	-15.323	173.53E-6
	34.00000	35.00000	-8.50000	-9.2467	-8.9310	-0.090837	-14.683	166.23E-6
	35.00000	35.00000	-8.50000	-8.7691	-8.9310	-0.086497	-13.819	156.42E-6
	36.00000	35.00000	-8.50000	-8.2280	-8.9310	-0.078847	-12.670	143.43E-6
	37.00000	35.00000	-8.50000	-7.6306	-8.9310	-0.066229	-11.202	126.94E-6
	38.00000	35.00000	-8.50000	-6.9963	-8.9310	-0.049018	-9.4973	107.86E-6
	39.00000	35.00000	-8.50000	-6.3560	-8.9310	-0.031803	-7.7877	88.736E-6
	40.00000	35.00000	-8.50000	-5.7406	-8.9310	-0.019171	-6.3064	72.085E-6
	41.00000	35.00000	-8.50000	-5.1691	-8.9310	-0.011497	-5.1333	58.818E-6
	42.00000	35.00000	-8.50000	-4.6479	-8.9310	-0.0071175	-4.2340	48.597E-6
	43.00000	35.00000	-8.50000	-4.1764	-8.9310	-0.0045987	-3.5448	40.733E-6
	44.00000	35.00000	-8.50000	-3.7509	-8.9310	-0.0030985	-3.0095	34.610E-6
	45.00000	35.00000	-8.50000	-3.3667	-8.9310	-0.0021669	-2.5866	29.764E-6
	46.00000	35.00000	-8.50000	-3.0193	-8.9310	-0.0015648	-2.2469	25.866E-6
	47.00000	35.00000	-8.50000	-2.7047	-8.9310	-0.0011613	-1.9697	22.681E-6
	48.00000	35.00000	-8.50000	-2.4191	-8.9310	-882.14E-6	-1.7402	20.044E-6
	49.00000	35.00000	-8.50000	-2.2595	-8.9310	-683.56E-6	-1.5481	17.834E-6
	50.00000	35.00000	-8.50000	-1.9231	-8.9310	-538.86E-6	-1.3853	15.962E-6
	51.00000	35.00000	-8.50000	-1.7074	-8.9310	-431.16E-6	-1.2463	14.362E-6
	52.00000	35.00000	-8.50000	-1.5105	-8.9310	-349.50E-6	-1.1264	12.982E-6
	53.00000	35.00000	-8.50000	-1.3305	-8.9310	-286.57E-6	-1.0223	11.783E-6
	54.00000	35.00000	-8.50000	-1.1658	-8.9310	-237.36E-6	-0.93132	10.735E-6
	55.00000	35.00000	-8.50000	-1.0150	-8.9310	-198.39E-6	-0.85134	9.8140E-6
	56.00000	35.00000	-8.50000	-0.87681	-8.9310	-167.16E-6	-0.78065	8.9996E-6
	57.00000	35.00000	-8.50000	-0.75018	-8.9310	-141.88E-6	-0.71786	8.2762E-6
	58.00000	35.00000	-8.50000	-0.63410	-8.9310	-121.22E-6	-0.66186	7.6309E-6
	59.00000	35.00000	-8.50000	-0.52766	-8.9310	-104.19E-6	-0.61171	7.0530E-6
	60.00000	35.00000	-8.50000	-0.43007	-8.9310	-90.048E-6	-0.56664	6.5335E-6
	-20.00000	36.00000	-8.50000	-0.38144	-8.9310	-87.263E-6	-0.54811	6.3199E-6
	-19.00000	36.00000	-8.50000	-0.47209	-8.9310	-100.61E-6	-0.59025	6.8055E-6
	-18.00000	36.00000	-8.50000	-0.57052	-8.9310	-116.54E-6	-0.63684	7.3424E-6
	-17.00000	36.00000	-8.50000	-0.67732	-8.9310	-135.67E-6	-0.68847	7.9373E-6
	-16.00000	36.00000	-8.50000	-0.79314	-8.9310	-158.79E-6	-0.74585	8.5985E-6
	-15.00000	36.00000	-8.50000	-0.91867	-8.9310	-186.92E-6	-0.80980	9.3352E-6
	-14.00000	36.00000	-8.50000	-1.0546	-8.9310	-221.37E-6	-0.88127	10.158E-6
	-13.00000	36.00000	-8.50000	-1.2018	-8.9310	-263.88E-6	-0.96137	11.081E-6
	-12.00000	36.00000	-8.50000	-1.3610	-8.9310	-316.71E-6	-1.0514	12.118E-6
	-11.00000	36.00000	-8.50000	-1.5330	-8.9310	-382.85E-6	-1.1529	13.286E-6
	-10.00000	36.00000	-8.50000	-1.7186	-8.9310	-466.24E-6	-1.2675	14.606E-6
	-9.00000	36.00000	-8.50000	-1.9187	-8.9310	-572.06E-6	-1.3974	16.100E-6
	-8.00000	36.00000	-8.50000	-2.1339	-8.9310	-707.06E-6	-1.5446	17.793E-6
	-7.00000	36.00000	-8.50000	-2.3648	-8.9310	-879.85E-6	-1.7115	19.713E-6
	-6.00000	36.00000	-8.50000	-2.6116	-8.9310	-0.0011010	-1.9005	21.886E-6
	-5.00000	36.00000	-8.50000	-2.8744	-8.9310	-0.0013825	-2.1137	24.335E-6
	-4.00000	36.00000	-8.50000	-3.1524	-8.9310	-0.0017364	-2.3524	27.077E-6
	-3.00000	36.00000	-8.50000	-3.4444	-8.9310	-0.0021717	-2.6166	30.109E-6
	-2.00000	36.00000	-8.50000	-3.7481	-8.9310	-0.0026888	-2.9038	33.404E-6
	-1.00000	36.00000	-8.50000	-4.0603	-8.9310	-0.0032747	-3.2090	36.905E-6
	0.00000	36.00000	-8.50000	-4.3770	-8.9310	-0.0039009	-3.5243	40.520E-6
	1.00000	36.00000	-8.50000	-4.6939	-8.9310	-0.0045277	-3.8401	44.142E-6
	2.00000	36.00000	-8.50000	-5.0063	-8.9310	-0.0051157	-4.1468	47.660E-6
	3.00000	36.00000	-8.50000	-5.3104	-8.9310	-0.0056363	-4.4367	50.986E-6
	4.00000	36.00000	-8.50000	-5.6030	-8.9310	-0.0060767	-4.7047	54.062E-6
	5.00000	36.00000	-8.50000	-5.8819	-8.9310	-0.0064379	-4.9488	56.865E-6
	6.00000	36.00000	-8.50000	-6.1459	-8.9310	-0.0067294	-5.1691	59.396E-6
	7.00000	36.00000	-8.50000	-6.3945	-8.9310	-0.0069641	-5.3674	61.676E-6
	8.00000	36.00000	-8.50000	-6.6278	-8.9310	-0.0071554	-5.5464	63.735E-6
	9.00000	36.00000	-8.50000	-6.8463	-8.9310	-0.0073161	-5.7095	65.610E-6
	10.00000	36.00000	-8.50000	-7.0511	-8.9310	-0.0074578	-5.8601	67.343E-6
	11.00000	36.00000	-8.50000	-7.2434	-8.9310	-0.0075926	-6.0023	68.979E-6
	12.00000	36.00000	-8.50000	-7.4246	-8.9310	-0.0077336	-6.1405	70.568E-6
	13.00000	36.00000	-8.50000	-7.5965	-8.9310	-0.0078980	-6.2799	72.170E-6
	14.00000	36.00000	-8.50000	-7.7611	-8.9310	-0.0081104	-6.4270	73.860E-6
	15.00000	36.00000	-8.50000	-7.9206	-8.9310	-0.0084096	-6.5901	75.731E-6
	16.00000	36.00000	-8.50000	-8.0777	-8.9310	-0.0088594	-6.7803	77.909E-6
	17.00000	36.00000	-8.50000	-8.2350	-8.9310	-0.0095666	-7.0121	80.559E-6
	18.00000	36.00000	-8.50000	-8.3953	-8.9310	-0.010707	-7.3043	83.890E-6
	19.00000	36.00000	-8.50000	-8.5603	-8.9310	-0.012547	-7.6781	88.138E-6
	20.00000	36.00000	-8.50000	-8.7301	-8.9310	-0.015417	-8.1510	93.494E-6
	21.00000	36.00000	-8.50000	-8.9011	-8.9310	-0.019516	-8.7217	99.936E-6
	22.00000	36.00000	-8.50000	-9.0646	-8.9310	-0.024533	-9.3523	107.04E-6
	23.00000	36.00000	-8.50000	-9.2080	-8.9310	-0.029540	-9.9694	113.98E-6
	24.00000	36.00000	-8.50000	-9.3187	-8.9310

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	57.00000	36.00000	-8.50000	-0.68777	-8.9310	-131.78E-6	-0.68861	7.9390E-6
	58.00000	36.00000	-8.50000	-0.57830	-8.9310	-113.06E-6	-0.63625	7.3357E-6
	59.00000	36.00000	-8.50000	-0.47773	-8.9310	-97.544E-6	-0.58920	6.7935E-6
	60.00000	36.00000	-8.50000	-0.38538	-8.9310	-84.592E-6	-0.54677	6.3045E-6
	-20.00000	37.00000	-8.50000	-0.33343	-8.9310	-80.879E-6	-0.52636	6.0692E-6
	-19.00000	37.00000	-8.50000	-0.41849	-8.9310	-92.804E-6	-0.56557	6.5211E-6
	-18.00000	37.00000	-8.50000	-0.51066	-8.9310	-106.93E-6	-0.60873	7.0185E-6
	-17.00000	37.00000	-8.50000	-0.61043	-8.9310	-123.76E-6	-0.65634	7.5672E-6
	-16.00000	37.00000	-8.50000	-0.71835	-8.9310	-143.91E-6	-0.70898	8.1737E-6
	-15.00000	37.00000	-8.50000	-0.83499	-8.9310	-168.17E-6	-0.76730	8.8456E-6
	-14.00000	37.00000	-8.50000	-0.96094	-8.9310	-197.53E-6	-0.83206	9.5916E-6
	-13.00000	37.00000	-8.50000	-1.0968	-8.9310	-233.27E-6	-0.90411	10.422E-6
	-12.00000	37.00000	-8.50000	-1.2432	-8.9310	-277.00E-6	-0.98444	11.347E-6
	-11.00000	37.00000	-8.50000	-1.4007	-8.9310	-330.80E-6	-1.0741	12.380E-6
	-10.00000	37.00000	-8.50000	-1.5698	-8.9310	-397.28E-6	-1.1745	13.534E-6
	-9.00000	37.00000	-8.50000	-1.7512	-8.9310	-479.72E-6	-1.2867	14.826E-6
	-8.00000	37.00000	-8.50000	-1.9453	-8.9310	-582.16E-6	-1.4123	16.272E-6
	-7.00000	37.00000	-8.50000	-2.1521	-8.9310	-709.42E-6	-1.5526	17.886E-6
	-6.00000	37.00000	-8.50000	-2.3719	-8.9310	-866.91E-6	-1.7090	19.684E-6
	-5.00000	37.00000	-8.50000	-2.6042	-8.9310	-0.0010602	-1.8822	21.676E-6
	-4.00000	37.00000	-8.50000	-2.8483	-8.9310	-0.0012940	-2.0727	23.865E-6
	-3.00000	37.00000	-8.50000	-3.1029	-8.9310	-0.0015706	-2.2796	26.243E-6
	-2.00000	37.00000	-8.50000	-3.3661	-8.9310	-0.0018879	-2.5011	28.786E-6
	-1.00000	37.00000	-8.50000	-3.6356	-8.9310	-0.0022380	-2.7335	31.455E-6
	0.00000	37.00000	-8.50000	-3.9083	-8.9310	-0.0026068	-2.9719	34.193E-6
	1.00000	37.00000	-8.50000	-4.1810	-8.9310	-0.0029761	-3.2109	36.937E-6
	2.00000	37.00000	-8.50000	-4.4505	-8.9310	-0.0033280	-3.4446	39.620E-6
	3.00000	37.00000	-8.50000	-4.7140	-8.9310	-0.0036484	-3.6683	42.190E-6
	4.00000	37.00000	-8.50000	-4.9689	-8.9310	-0.0039295	-3.8785	44.606E-6
	5.00000	37.00000	-8.50000	-5.2134	-8.9310	-0.0041697	-4.0736	46.848E-6
	6.00000	37.00000	-8.50000	-5.4464	-8.9310	-0.0043717	-4.2530	48.910E-6
	7.00000	37.00000	-8.50000	-5.6672	-8.9310	-0.0045410	-4.4173	50.800E-6
	8.00000	37.00000	-8.50000	-5.8756	-8.9310	-0.0046843	-4.5681	52.535E-6
	9.00000	37.00000	-8.50000	-6.0719	-8.9310	-0.0048087	-4.7073	54.136E-6
	10.00000	37.00000	-8.50000	-6.2566	-8.9310	-0.0049215	-4.8373	55.632E-6
	11.00000	37.00000	-8.50000	-6.4305	-8.9310	-0.0050306	-4.9609	57.054E-6
	12.00000	37.00000	-8.50000	-6.5947	-8.9310	-0.0051449	-5.0812	58.438E-6
	13.00000	37.00000	-8.50000	-6.7503	-8.9310	-0.0052760	-5.2020	59.827E-6
	14.00000	37.00000	-8.50000	-6.8988	-8.9310	-0.0054400	-5.3278	61.272E-6
	15.00000	37.00000	-8.50000	-7.0415	-8.9310	-0.0056600	-5.4639	62.835E-6
	16.00000	37.00000	-8.50000	-7.1802	-8.9310	-0.0059706	-5.6172	64.592E-6
	17.00000	37.00000	-8.50000	-7.3163	-8.9310	-0.0064228	-5.7954	66.633E-6
	18.00000	37.00000	-8.50000	-7.4509	-8.9310	-0.0070879	-6.0075	69.055E-6
	19.00000	37.00000	-8.50000	-7.5844	-8.9310	-0.0080529	-6.2610	71.946E-6
	20.00000	37.00000	-8.50000	-7.7157	-8.9310	-0.0093946	-6.5593	75.342E-6
	21.00000	37.00000	-8.50000	-7.8416	-8.9310	-0.011119	-6.8962	79.168E-6
	22.00000	37.00000	-8.50000	-7.9565	-8.9310	-0.013094	-7.2517	83.201E-6
	23.00000	37.00000	-8.50000	-8.0531	-8.9310	-0.015060	-7.5952	87.096E-6
	24.00000	37.00000	-8.50000	-8.1241	-8.9310	-0.016758	-7.8959	90.505E-6
	25.00000	37.00000	-8.50000	-8.1634	-8.9310	-0.018053	-8.1329	93.195E-6
	26.00000	37.00000	-8.50000	-8.1674	-8.9310	-0.018948	-8.2984	95.073E-6
	27.00000	37.00000	-8.50000	-8.1341	-8.9310	-0.019513	-8.3935	96.150E-6
	28.00000	37.00000	-8.50000	-8.0628	-8.9310	-0.019829	-8.4229	96.478E-6
	29.00000	37.00000	-8.50000	-7.9535	-8.9310	-0.019952	-8.3911	96.107E-6
	30.00000	37.00000	-8.50000	-7.8062	-8.9310	-0.019916	-8.3010	95.069E-6
	31.00000	37.00000	-8.50000	-7.6212	-8.9310	-0.019727	-8.1526	93.364E-6
	32.00000	37.00000	-8.50000	-7.3985	-8.9310	-0.019369	-7.9435	90.964E-6
	33.00000	37.00000	-8.50000	-7.1385	-8.9310	-0.018799	-7.6689	87.816E-6
	34.00000	37.00000	-8.50000	-6.8420	-8.9310	-0.017951	-7.3230	83.855E-6
	35.00000	37.00000	-8.50000	-6.5109	-8.9310	-0.016742	-6.9008	79.027E-6
	36.00000	37.00000	-8.50000	-6.1489	-8.9310	-0.015102	-6.4026	73.336E-6
	37.00000	37.00000	-8.50000	-5.7623	-8.9310	-0.013033	-5.8391	66.907E-6
	38.00000	37.00000	-8.50000	-5.3597	-8.9310	-0.010684	-5.2355	60.025E-6
	39.00000	37.00000	-8.50000	-4.9520	-8.9310	-0.0083311	-4.6281	53.100E-6
	40.00000	37.00000	-8.50000	-4.5494	-8.9310	-0.0062521	-4.0530	46.538E-6
	41.00000	37.00000	-8.50000	-4.1607	-8.9310	-0.0045926	-3.5348	40.618E-6
	42.00000	37.00000	-8.50000	-3.7915	-8.9310	-0.0033546	-3.0835	35.455E-6
	43.00000	37.00000	-8.50000	-3.4451	-8.9310	-0.0024636	-2.6980	31.038E-6
	44.00000	37.00000	-8.50000	-3.1224	-8.9310	-0.0018307	-2.3713	27.292E-6
	45.00000	37.00000	-8.50000	-2.8234	-8.9310	-0.0013805	-2.0949	24.119E-6
	46.00000	37.00000	-8.50000	-2.5471	-8.9310	-0.0010572	-1.8604	21.426E-6
	47.00000	37.00000	-8.50000	-2.2923	-8.9310	-821.97E-6	-1.6608	19.131E-6
	48.00000	37.00000	-8.50000	-2.0575	-8.9310	-648.21E-6	-1.4897	17.162E-6
	49.00000	37.00000	-8.50000	-1.8412	-8.9310	-517.93E-6	-1.3422	15.465E-6
	50.00000	37.00000	-8.50000	-1.6420	-8.9310	-418.81E-6	-1.2142	13.993E-6
	51.00000	37.00000	-8.50000	-1.4586	-8.9310	-342.36E-6	-1.1027	12.708E-6
	52.00000	37.00000	-8.50000	-1.2897	-8.9310	-282.63E-6	-1.0049	11.582E-6
	53.00000	37.00000	-8.50000	-1.1341	-8.9310	-235.41E-6	-0.91866	10.589E-6
	54.00000	37.00000	-8.50000	-0.99088	-8.9310	-197.67E-6	-0.84235	9.7103E-6
	55.00000	37.00000	-8.50000	-0.85896	-8.9310	-167.21E-6	-0.77449	8.9286E-6
	56.00000	37.00000	-8.50000	-0.73748	-8.9310	-142.40E-6	-0.71391	8.2306E-6
	57.00000	37.00000	-8.50000	-0.62563	-8.9310	-122.01E-6	-0.65963	7.6051E-6
	58.00000	37.00000	-8.50000	-0.52266	-8.9310	-105.14E-6	-0.61082	7.0426E-6
	59.00000	37.00000	-8.50000	-0.42790	-8.9310	-91.065E-6	-0.56679	6.5352E-6
	60.00000	37.00000	-8.50000	-0.34072	-8.9310	-79.256E-6	-0.52695	6.0760E-6
	-20.00000	38.00000	-8.50000	-0.28607	-8.9310	-74.814E-6	-0.50501	5.8231E-6
	-19.00000	38.00000	-8.50000	-0.36571	-8.9310	-85.438E-6	-0.54143	6.2429E-6
	-18.00000	38.00000	-8.50000	-0.45182	-8.9310	-97.932E-6	-0.58136	6.7030E-6
	-17.00000	38.00000	-8.50000	-0.54482	-8.9310	-112.69E-6	-0.62519	7.2082E-6
	-16.00000	38.00000	-8.50000	-0.64518	-8.9310	-130.19E-6	-0.67341	7.7638E-6
	-15.00000	38.00000	-8.50000	-0.75334	-8.9310	-151.05E-6	-0.72652	8.3758E-6
	-14.00000	38.00000	-8.50000	-0.86978	-8.9310	-176.00E-6	-0.78513	9.0510E-6
	-13.00000	38.00000	-8.50000	-0.99496	-8.9310	-205.97E-6	-0.84988	9.7969E-6
	-12.00000	38.00000	-8.50000	-1.1294	-8.9310	-242.12E-6	-0.92151	10.622E-6
	-11.00000	38.00000	-8.50000	-1.2734	-8.9310	-285.85E-6	-1.0008	11.535E-6
	-10.00000	38.00000	-8.50000	-1.4274	-8.9310	-338.89E-6	-1.0886	12.547E-6
	-9.00000	38.00000	-8.50000	-1.5918	-8.9310	-403.30E-6	-1.1859	13.666E-6
	-8.00000	38.00000	-8.50000	-1.7668	-8.9310	-481.49E-6	-1.2934	14.904E-6
	-7.00000	38.00000	-8.50000	-1.9523	-8.9310	-576.13E-6	-1.4121	16.269E-6
	-6.00000	38.00000	-8.50000	-2.1483	-8.9310	-690.00E-6	-1.5424	17.769E-6
	-5.00000	38.00000	-8.50000	-2.3542	-8.9310	-825.64E-6	-1.6848	19.407E-6
	-4.00000	38.00000	-8.50000	-2.5694	-8.9310	-984.81E-6	-1.8392	21.182E-6
	-3.00000	38.00000	-8.50000	-2.7927	-8.9310	-0.0011677	-2.0046	23.084E-6
	-2.00000	38.00000	-8.50000	-3.0226	-8.9310	-0.0013724	-2.1794	25.094E-6
	-1.00000	38.00000	-8.50000	-3.2570	-8.9310	-0.0015939	-2.3614	27.185E-6
	0.00000	38.00000	-8.50000	-3.4938	-8.9310	-0.0018249	-2.5472	29.320E-6
	1.00000	38.00000	-8.50000	-3.7307	-8.9310	-0.0020564	-2.7334	31.460E-6
	2.00000	38.00000	-8.50000	-3.9651	-8.9310	-0.0022794	-2.9164	33.564E-6
	3.00000	38.00000	-8.50000	-4.1949	-8.9310	-0.0024867	-3.0932	35.596E-6
	4.00000	38.00000	-8.50000	-4.4181	-8.9310	-0.0026736	-3.2614	37.530E-6
	5.00000	38.00000	-8.50000	-4.6334	-8.9310	-0.0028383	-3.4196	39.349E-6
	6.00000	38.00000	-8.50000	-4.8395	-8.9310	-0.0029816	-3.5672	41.047E-6
	7.00000	38.00000	-8.50000	-5.0358	-8.9310	-0.0031056	-3.7044	42.625E-6
	8.00000	38.00000	-8.50000	-5.2221	-8.9310	-0.0032140	-3.8318	44.092E-6
	9.00000	38.00000	-8.50000	-5.3982	-8.9310	-0.0033107	-3.9508	45.461E-6
	10.00000	38.00000	-8.50000	-5.5645	-8.9310	-0.0034003	-4.0629	46.751E-6
	11.00000	38.00000	-8.50000	-5.7214	-8.9310	-0.0034879	-4.1699	47.983E-6
	12.00000	38.00000	-8.50000	-5.8697	-8.9310	-0.0035797	-4.2742	49.182E-6
	13.00000	38.00000	-8.50000	-6.0100	-8.9310	-0.0036832	-4.3782	50.379E-6
	14.00000	38.00000	-8.50000	-6.1433	-8.9310	-0.0038084	-4.4851	51.607E-6
	15.00000	38.00000	-8.50000	-6.2705	-8.9310	-0.0039688	-4.5982	52.906E-6
	16.00000	38.00000	-8.50000	-6.3925	-8.9310	-0.0041827	-4.7215	54.321E-6
	17.00000	38.00000	-8.50000	-6.5101	-8.9310	-0.0044741	-4.8592	55.900E-6
	18.00000	38.00000	-8.50000	-6.6234	-8.9310	-0.0048717	-5.0151	57.685E-6
	19.00000	38.00000	-8.50000	-6.7324	-8.9310	-0.0054040	-5.1918	59.705E-6
	20.00000	38.00000	-8.50000	-6.8355	-8.9310	-0.0060873	-5.3889	61.954E-6
	21.00000	38.00000	-8.50000	-6.9304	-8.9310	-0.0069082	-5.6009	64.372E-6
	22.00000	38.00000	-8.50000	-7.0133	-8.9310	-0.0078109	-5.8171	66.835E-6
	23.00000	38.00000	-8.50000	-7.0796	-8.9310	-0.0087064	-6.0228	69.177E-6
	24.00000	38.00000	-8.50000	-7.1246	-8.9310	-0.0095051	-6.2030	71.228E-6
	25.00000	38.00000	-8.50000	-7.1445	-8.9310	-0.010150	-6.3462	72.857E-6
	26.00000	38.00000	-8.50000	-7.1362	-8.9310	-0.010624	-6.4460	73.992E-6
	27.00000	38.00000	-8.50000	-7.0980	-8.9310	-0.010941	-6.5003	74.607E-6
	28.00000	38.00000	-8.50000	-7.0289	-8.9310	-0.011123	-6.5094	74.706E-6
	29.00000	38.00000	-8.50000	-6.9284	-8.9310	-0.011191	-6.4744	74.310E-6
	30.00000	38.00000	-8.50000	-6.7966	-8.9310	-0.011157	-6.3962	73.399E-6
	31.00000	38.00000	-8.50000	-6.6335	-8.9310	-0.011023	-6.2746	72.001E-6
	32.00000	38.00000	-8.50000	-6.4397	-8.9310	-0.010782	-6.1086	70.094E-6
	33.00000	38.00000	-8.50000	-6.2158	-8.9310	-0.010416	-5.8964	67.659E-6
	34.00000	38.00000	-8.50000	-5.9632	-8.9310	-0.0099016	-5.6366	64.680E-6
	35.00000	38.00000	-8.50000	-5.6841	-8.9310	-0.0092140	-5.3290	61.155E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	36.00000	38.00000	-8.50000	-5.3819	-8.9310	-0.0083417	-4.9768	57.123E-6
	37.00000	38.00000	-8.50000	-5.0614	-8.9310	-0.0073044	-4.5886	52.680E-6
	38.00000	38.00000	-8.50000	-4.7291	-8.9310	-0.0061662	-4.1786	47.990E-6
	39.00000	38.00000	-8.50000	-4.3918	-8.9310	-0.0050251	-3.7652	43.260E-6
	40.00000	38.00000	-8.50000	-4.0566	-8.9310	-0.0039789	-3.3665	38.697E-6
	41.00000	38.00000	-8.50000	-3.7295	-8.9310	-0.0030908	-2.9965	34.459E-6
	42.00000	38.00000	-8.50000	-3.4152	-8.9310	-0.0023788	-2.6629	30.636E-6
	43.00000	38.00000	-8.50000	-3.1165	-8.9310	-0.0018289	-2.3679	27.253E-6
	44.00000	38.00000	-8.50000	-2.8351	-8.9310	-0.0014126	-2.1102	24.294E-6
	45.00000	38.00000	-8.50000	-2.5715	-8.9310	-0.0010999	-1.8861	21.720E-6
	46.00000	38.00000	-8.50000	-2.3257	-8.9310	-864.91E-6	-1.6917	19.485E-6
	47.00000	38.00000	-8.50000	-2.0971	-8.9310	-687.30E-6	-1.5228	17.543E-6
	48.00000	38.00000	-8.50000	-1.8850	-8.9310	-551.95E-6	-1.3757	15.851E-6
	49.00000	38.00000	-8.50000	-1.6884	-8.9310	-447.78E-6	-1.2471	14.371E-6
	50.00000	38.00000	-8.50000	-1.5063	-8.9310	-366.77E-6	-1.1343	13.072E-6
	51.00000	38.00000	-8.50000	-1.3379	-8.9310	-303.13E-6	-1.0349	11.928E-6
	52.00000	38.00000	-8.50000	-1.1821	-8.9310	-252.62E-6	-0.94702	10.916E-6
	53.00000	38.00000	-8.50000	-1.0382	-8.9310	-212.15E-6	-0.86898	10.017E-6
	54.00000	38.00000	-8.50000	-0.90512	-8.9310	-179.42E-6	-0.79942	9.2157E-6
	55.00000	38.00000	-8.50000	-0.78225	-8.9310	-152.74E-6	-0.73720	8.4989E-6
	56.00000	38.00000	-8.50000	-0.66879	-8.9310	-130.80E-6	-0.68137	7.8556E-6
	57.00000	38.00000	-8.50000	-0.56408	-8.9310	-112.64E-6	-0.63110	7.2763E-6
	58.00000	38.00000	-8.50000	-0.46748	-8.9310	-97.501E-6	-0.58571	6.7532E-6
	59.00000	38.00000	-8.50000	-0.37841	-8.9310	-84.797E-6	-0.54460	6.2795E-6
	60.00000	38.00000	-8.50000	-0.29632	-8.9310	-74.075E-6	-0.50728	5.8493E-6
	-20.00000	39.00000	-8.50000	-0.23955	-8.9310	-69.090E-6	-0.48415	5.5826E-6
	-19.00000	39.00000	-8.50000	-0.31396	-8.9310	-78.529E-6	-0.51794	5.9721E-6
	-18.00000	39.00000	-8.50000	-0.39425	-8.9310	-89.548E-6	-0.55482	6.3972E-6
	-17.00000	39.00000	-8.50000	-0.48078	-8.9310	-102.45E-6	-0.59513	6.8617E-6
	-16.00000	39.00000	-8.50000	-0.57392	-8.9310	-117.63E-6	-0.63924	7.3700E-6
	-15.00000	39.00000	-8.50000	-0.67404	-8.9310	-135.52E-6	-0.68756	7.9269E-6
	-14.00000	39.00000	-8.50000	-0.78151	-8.9310	-156.69E-6	-0.74057	8.5376E-6
	-13.00000	39.00000	-8.50000	-0.89670	-8.9310	-181.80E-6	-0.79874	9.2078E-6
	-12.00000	39.00000	-8.50000	-1.0199	-8.9310	-211.67E-6	-0.86262	9.9437E-6
	-11.00000	39.00000	-8.50000	-1.1515	-8.9310	-247.25E-6	-0.93279	10.752E-6
	-10.00000	39.00000	-8.50000	-1.2917	-8.9310	-289.68E-6	-1.0098	11.639E-6
	-9.00000	39.00000	-8.50000	-1.4406	-8.9310	-340.24E-6	-1.0943	12.612E-6
	-8.00000	39.00000	-8.50000	-1.5984	-8.9310	-400.36E-6	-1.1868	13.676E-6
	-7.00000	39.00000	-8.50000	-1.7650	-8.9310	-471.52E-6	-1.2876	14.838E-6
	-6.00000	39.00000	-8.50000	-1.9401	-8.9310	-555.15E-6	-1.3972	16.099E-6
	-5.00000	39.00000	-8.50000	-2.1232	-8.9310	-652.39E-6	-1.5156	17.461E-6
	-4.00000	39.00000	-8.50000	-2.3136	-8.9310	-763.78E-6	-1.6423	18.919E-6
	-3.00000	39.00000	-8.50000	-2.5104	-8.9310	-888.98E-6	-1.7767	20.465E-6
	-2.00000	39.00000	-8.50000	-2.7122	-8.9310	-0.0010264	-1.9176	22.086E-6
	-1.00000	39.00000	-8.50000	-2.9176	-8.9310	-0.0011732	-2.0632	23.760E-6
	0.00000	39.00000	-8.50000	-3.1247	-8.9310	-0.0013252	-2.2114	25.464E-6
	1.00000	39.00000	-8.50000	-3.3318	-8.9310	-0.0014776	-2.3599	27.172E-6
	2.00000	39.00000	-8.50000	-3.5369	-8.9310	-0.0016257	-2.5064	28.857E-6
	3.00000	39.00000	-8.50000	-3.7385	-8.9310	-0.0017654	-2.6489	30.496E-6
	4.00000	39.00000	-8.50000	-3.9350	-8.9310	-0.0018941	-2.7856	32.069E-6
	5.00000	39.00000	-8.50000	-4.1251	-8.9310	-0.0020103	-2.9156	33.564E-6
	6.00000	39.00000	-8.50000	-4.3079	-8.9310	-0.0021140	-3.0382	34.975E-6
	7.00000	39.00000	-8.50000	-4.4827	-8.9310	-0.0022063	-3.1535	36.301E-6
	8.00000	39.00000	-8.50000	-4.6492	-8.9310	-0.0022891	-3.2617	37.547E-6
	9.00000	39.00000	-8.50000	-4.8071	-8.9310	-0.0023646	-3.3635	38.719E-6
	10.00000	39.00000	-8.50000	-4.9566	-8.9310	-0.0024358	-3.4601	39.831E-6
	11.00000	39.00000	-8.50000	-5.0980	-8.9310	-0.0025059	-3.5527	40.896E-6
	12.00000	39.00000	-8.50000	-5.2315	-8.9310	-0.0025791	-3.6427	41.932E-6
	13.00000	39.00000	-8.50000	-5.3577	-8.9310	-0.0026602	-3.7320	42.959E-6
	14.00000	39.00000	-8.50000	-5.4770	-8.9310	-0.0027553	-3.8225	44.000E-6
	15.00000	39.00000	-8.50000	-5.5900	-8.9310	-0.0028722	-3.9163	45.078E-6
	16.00000	39.00000	-8.50000	-5.6972	-8.9310	-0.0030204	-4.0158	46.221E-6
	17.00000	39.00000	-8.50000	-5.7988	-8.9310	-0.0032111	-4.1230	47.451E-6
	18.00000	39.00000	-8.50000	-5.8947	-8.9310	-0.0034560	-4.2396	48.787E-6
	19.00000	39.00000	-8.50000	-5.9843	-8.9310	-0.0037642	-4.3661	50.236E-6
	20.00000	39.00000	-8.50000	-6.0665	-8.9310	-0.0041377	-4.5012	51.781E-6
	21.00000	39.00000	-8.50000	-6.1393	-8.9310	-0.0045660	-4.6411	53.381E-6
	22.00000	39.00000	-8.50000	-6.2002	-8.9310	-0.0050239	-4.7797	54.964E-6
	23.00000	39.00000	-8.50000	-6.2460	-8.9310	-0.0054758	-4.9091	56.440E-6
	24.00000	39.00000	-8.50000	-6.2738	-8.9310	-0.0058856	-5.0211	57.719E-6
	25.00000	39.00000	-8.50000	-6.2807	-8.9310	-0.0062272	-5.1091	58.722E-6
	26.00000	39.00000	-8.50000	-6.2647	-8.9310	-0.0064883	-5.1686	59.399E-6
	27.00000	39.00000	-8.50000	-6.2241	-8.9310	-0.0066682	-5.1970	59.721E-6
	28.00000	39.00000	-8.50000	-6.1580	-8.9310	-0.0067721	-5.1935	59.677E-6
	29.00000	39.00000	-8.50000	-6.0660	-8.9310	-0.0068064	-5.1578	59.264E-6
	30.00000	39.00000	-8.50000	-5.9479	-8.9310	-0.0067754	-5.0900	58.482E-6
	31.00000	39.00000	-8.50000	-5.8041	-8.9310	-0.0066796	-4.9897	57.329E-6
	32.00000	39.00000	-8.50000	-5.6350	-8.9310	-0.0065157	-4.8569	55.802E-6
	33.00000	39.00000	-8.50000	-5.4415	-8.9310	-0.0062769	-4.6910	53.897E-6
	34.00000	39.00000	-8.50000	-5.2252	-8.9310	-0.0059553	-4.4924	51.617E-6
	35.00000	39.00000	-8.50000	-4.9880	-8.9310	-0.0055449	-4.2624	48.978E-6
	36.00000	39.00000	-8.50000	-4.7329	-8.9310	-0.0050471	-4.0044	46.019E-6
	37.00000	39.00000	-8.50000	-4.4637	-8.9310	-0.0044766	-3.7245	42.810E-6
	38.00000	39.00000	-8.50000	-4.1850	-8.9310	-0.0038632	-3.4311	39.447E-6
	39.00000	39.00000	-8.50000	-3.9018	-8.9310	-0.0032473	-3.1347	36.049E-6
	40.00000	39.00000	-8.50000	-3.6190	-8.9310	-0.0026693	-2.8454	32.732E-6
	41.00000	39.00000	-8.50000	-3.3410	-8.9310	-0.0021584	-2.5715	29.590E-6
	42.00000	39.00000	-8.50000	-3.0713	-8.9310	-0.0017278	-2.3185	26.686E-6
	43.00000	39.00000	-8.50000	-2.8127	-8.9310	-0.0013775	-2.0890	24.051E-6
	44.00000	39.00000	-8.50000	-2.5666	-8.9310	-0.0010986	-1.8835	21.690E-6
	45.00000	39.00000	-8.50000	-2.3341	-8.9310	-879.50E-6	-1.7009	19.590E-6
	46.00000	39.00000	-8.50000	-2.1155	-8.9310	-708.18E-6	-1.5392	17.731E-6
	47.00000	39.00000	-8.50000	-1.9106	-8.9310	-574.21E-6	-1.3962	16.087E-6
	48.00000	39.00000	-8.50000	-1.7193	-8.9310	-469.11E-6	-1.2699	14.633E-6
	49.00000	39.00000	-8.50000	-1.5409	-8.9310	-386.18E-6	-1.1580	13.345E-6
	50.00000	39.00000	-8.50000	-1.3749	-8.9310	-320.32E-6	-1.0587	12.202E-6
	51.00000	39.00000	-8.50000	-1.2206	-8.9310	-267.62E-6	-0.97037	11.185E-6
	52.00000	39.00000	-8.50000	-1.0773	-8.9310	-225.13E-6	-0.89158	10.277E-6
	53.00000	39.00000	-8.50000	-0.94433	-8.9310	-190.63E-6	-0.82109	9.4653E-6
	54.00000	39.00000	-8.50000	-0.82108	-8.9310	-162.39E-6	-0.75785	8.7367E-6
	55.00000	39.00000	-8.50000	-0.70691	-8.9310	-139.13E-6	-0.70094	8.0811E-6
	56.00000	39.00000	-8.50000	-0.60121	-8.9310	-119.84E-6	-0.64960	7.4895E-6
	57.00000	39.00000	-8.50000	-0.50343	-8.9310	-103.73E-6	-0.60316	6.9543E-6
	58.00000	39.00000	-8.50000	-0.41302	-8.9310	-90.201E-6	-0.56104	6.4689E-6
	59.00000	39.00000	-8.50

Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	15.00000	40.00000	-8.50000	-4.9864	-8.9310	-0.0021318	-3.3690	38.791E-6
	16.00000	40.00000	-8.50000	-5.0805	-8.9310	-0.0022356	-3.4497	39.717E-6
	17.00000	40.00000	-8.50000	-5.1684	-8.9310	-0.0023629	-3.5340	40.685E-6
	18.00000	40.00000	-8.50000	-5.2499	-8.9310	-0.0025184	-3.6226	41.702E-6
	19.00000	40.00000	-8.50000	-5.3243	-8.9310	-0.0027049	-3.7153	42.765E-6
	20.00000	40.00000	-8.50000	-5.3906	-8.9310	-0.0029211	-3.8108	43.859E-6
	21.00000	40.00000	-8.50000	-5.4473	-8.9310	-0.0031607	-3.9066	44.956E-6
	22.00000	40.00000	-8.50000	-5.4926	-8.9310	-0.0034113	-3.9989	46.012E-6
	23.00000	40.00000	-8.50000	-5.5243	-8.9310	-0.0036569	-4.0830	46.974E-6
	24.00000	40.00000	-8.50000	-5.5404	-8.9310	-0.0038813	-4.1544	47.790E-6
	25.00000	40.00000	-8.50000	-5.5388	-8.9310	-0.0040714	-4.2089	48.412E-6
	26.00000	40.00000	-8.50000	-5.5180	-8.9310	-0.0042196	-4.2433	48.804E-6
	27.00000	40.00000	-8.50000	-5.4768	-8.9310	-0.0043228	-4.2557	48.943E-6
	28.00000	40.00000	-8.50000	-5.4145	-8.9310	-0.0043813	-4.2447	48.815E-6
	29.00000	40.00000	-8.50000	-5.3305	-8.9310	-0.0043965	-4.2100	48.413E-6
	30.00000	40.00000	-8.50000	-5.2248	-8.9310	-0.0043694	-4.1511	47.735E-6
	31.00000	40.00000	-8.50000	-5.0978	-8.9310	-0.0042999	-4.0679	46.778E-6
	32.00000	40.00000	-8.50000	-4.9499	-8.9310	-0.0041868	-3.9606	45.544E-6
	33.00000	40.00000	-8.50000	-4.7820	-8.9310	-0.0040277	-3.8293	44.034E-6
	34.00000	40.00000	-8.50000	-4.5957	-8.9310	-0.0038205	-3.6748	42.260E-6
	35.00000	40.00000	-8.50000	-4.3926	-8.9310	-0.0035647	-3.4989	40.239E-6
	36.00000	40.00000	-8.50000	-4.1753	-8.9310	-0.0032639	-3.3043	38.005E-6
	37.00000	40.00000	-8.50000	-3.9468	-8.9310	-0.0029273	-3.0953	35.605E-6
	38.00000	40.00000	-8.50000	-3.7104	-8.9310	-0.0025699	-2.8773	33.102E-6
	39.00000	40.00000	-8.50000	-3.4698	-8.9310	-0.0022104	-2.6565	30.568E-6
	40.00000	40.00000	-8.50000	-3.2287	-8.9310	-0.0018676	-2.4391	28.073E-6
	41.00000	40.00000	-8.50000	-2.9903	-8.9310	-0.0015559	-2.2304	25.676E-6
	42.00000	40.00000	-8.50000	-2.7575	-8.9310	-0.0012837	-2.0342	23.422E-6
	43.00000	40.00000	-8.50000	-2.5325	-8.9310	-0.0010534	-1.8528	21.337E-6
	44.00000	40.00000	-8.50000	-2.3168	-8.9310	-862.71E-6	-1.6871	19.432E-6
	45.00000	40.00000	-8.50000	-2.1114	-8.9310	-707.24E-6	-1.5371	17.708E-6
	46.00000	40.00000	-8.50000	-1.9168	-8.9310	-581.51E-6	-1.4021	16.154E-6
	47.00000	40.00000	-8.50000	-1.7334	-8.9310	-480.19E-6	-1.2809	14.760E-6
	48.00000	40.00000	-8.50000	-1.5610	-8.9310	-398.58E-6	-1.1723	13.509E-6
	49.00000	40.00000	-8.50000	-1.3994	-8.9310	-332.68E-6	-1.0749	12.389E-6
	50.00000	40.00000	-8.50000	-1.2482	-8.9310	-279.28E-6	-0.98765	11.384E-6
	51.00000	40.00000	-8.50000	-1.1071	-8.9310	-235.80E-6	-0.90926	10.481E-6
	52.00000	40.00000	-8.50000	-0.97555	-8.9310	-200.21E-6	-0.83875	9.6687E-6
	53.00000	40.00000	-8.50000	-0.85306	-8.9310	-170.91E-6	-0.77520	8.9366E-6
	54.00000	40.00000	-8.50000	-0.73913	-8.9310	-146.65E-6	-0.71780	8.2753E-6
	55.00000	40.00000	-8.50000	-0.63329	-8.9310	-126.45E-6	-0.66586	7.6768E-6
	56.00000	40.00000	-8.50000	-0.53504	-8.9310	-109.54E-6	-0.61874	7.1339E-6
	57.00000	40.00000	-8.50000	-0.44392	-8.9310	-95.310E-6	-0.57591	6.6403E-6
	58.00000	40.00000	-8.50000	-0.35950	-8.9310	-83.270E-6	-0.53691	6.1907E-6
	59.00000	40.00000	-8.50000	-0.28135	-8.9310	-73.034E-6	-0.50130	5.7804E-6
	60.00000	40.00000	-8.50000	-0.20907	-8.9310	-64.291E-6	-0.46875	5.4051E-6
	-20.00000	41.00000	-8.50000	-0.14976	-8.9310	-58.701E-6	-0.44415	5.1216E-6
	-19.00000	41.00000	-8.50000	-0.21434	-8.9310	-66.109E-6	-0.47314	5.4558E-6
	-18.00000	41.00000	-8.50000	-0.28375	-8.9310	-74.633E-6	-0.50452	5.8175E-6
	-17.00000	41.00000	-8.50000	-0.35825	-8.9310	-84.460E-6	-0.53852	6.2094E-6
	-16.00000	41.00000	-8.50000	-0.43808	-8.9310	-95.812E-6	-0.57538	6.6341E-6
	-15.00000	41.00000	-8.50000	-0.52347	-8.9310	-108.95E-6	-0.61534	7.0946E-6
	-14.00000	41.00000	-8.50000	-0.61464	-8.9310	-124.17E-6	-0.65867	7.5940E-6
	-13.00000	41.00000	-8.50000	-0.71179	-8.9310	-141.82E-6	-0.70567	8.1355E-6
	-12.00000	41.00000	-8.50000	-0.81510	-8.9310	-162.29E-6	-0.75660	8.7224E-6
	-11.00000	41.00000	-8.50000	-0.92468	-8.9310	-186.03E-6	-0.81176	9.3579E-6
	-10.00000	41.00000	-8.50000	-1.0406	-8.9310	-213.50E-6	-0.87141	10.045E-6
	-9.00000	41.00000	-8.50000	-1.1629	-8.9310	-245.22E-6	-0.93578	10.786E-6
	-8.00000	41.00000	-8.50000	-1.2915	-8.9310	-281.69E-6	-1.0050	11.584E-6
	-7.00000	41.00000	-8.50000	-1.4262	-8.9310	-323.35E-6	-1.0793	12.439E-6
	-6.00000	41.00000	-8.50000	-1.5667	-8.9310	-370.57E-6	-1.1585	13.352E-6
	-5.00000	41.00000	-8.50000	-1.7125	-8.9310	-423.51E-6	-1.2426	14.320E-6
	-4.00000	41.00000	-8.50000	-1.8631	-8.9310	-482.12E-6	-1.3312	15.339E-6
	-3.00000	41.00000	-8.50000	-2.0177	-8.9310	-545.99E-6	-1.4237	16.404E-6
	-2.00000	41.00000	-8.50000	-2.1755	-8.9310	-614.34E-6	-1.5194	17.506E-6
	-1.00000	41.00000	-8.50000	-2.3354	-8.9310	-686.03E-6	-1.6175	18.635E-6
	0.00000	41.00000	-8.50000	-2.4963	-8.9310	-759.64E-6	-1.7169	19.779E-6
	1.00000	41.00000	-8.50000	-2.6571	-8.9310	-833.58E-6	-1.8165	20.925E-6
	2.00000	41.00000	-8.50000	-2.8166	-8.9310	-906.26E-6	-1.9151	22.061E-6
	3.00000	41.00000	-8.50000	-2.9738	-8.9310	-976.32E-6	-2.0119	23.175E-6
	4.00000	41.00000	-8.50000	-3.1276	-8.9310	-1.0010E-3	-2.1059	24.257E-6
	5.00000	41.00000	-8.50000	-3.2772	-8.9310	-1.0011E-3	-2.1965	25.300E-6
	6.00000	41.00000	-8.50000	-3.4218	-8.9310	-1.0011E-3	-2.2833	26.299E-6
	7.00000	41.00000	-8.50000	-3.5609	-8.9310	-1.0012E-3	-2.3661	27.253E-6
	8.00000	41.00000	-8.50000	-3.6941	-8.9310	-1.0012E-3	-2.4450	28.161E-6
	9.00000	41.00000	-8.50000	-3.8210	-8.9310	-1.0013E-3	-2.5201	29.026E-6
	10.00000	41.00000	-8.50000	-3.9415	-8.9310	-1.0013E-3	-2.5919	29.853E-6
	11.00000	41.00000	-8.50000	-4.0556	-8.9310	-1.0014E-3	-2.6609	30.647E-6
	12.00000	41.00000	-8.50000	-4.1633	-8.9310	-1.0014E-3	-2.7278	31.417E-6
	13.00000	41.00000	-8.50000	-4.2647	-8.9310	-1.0014E-3	-2.7933	32.171E-6
	14.00000	41.00000	-8.50000	-4.3598	-8.9310	-1.0015E-3	-2.8581	32.916E-6
	15.00000	41.00000	-8.50000	-4.4487	-8.9310	-1.0016E-3	-2.9230	33.663E-6
	16.00000	41.00000	-8.50000	-4.5314	-8.9310	-1.0016E-3	-2.9888	34.419E-6
	17.00000	41.00000	-8.50000	-4.6077	-8.9310	-1.0017E-3	-3.0558	35.189E-6
	18.00000	41.00000	-8.50000	-4.6772	-8.9310	-1.0018E-3	-3.1241	35.974E-6
	19.00000	41.00000	-8.50000	-4.7394	-8.9310	-1.0019E-3	-3.1935	36.770E-6
	20.00000	41.00000	-8.50000	-4.7934	-8.9310	-1.0021E-3	-3.2628	37.565E-6
	21.00000	41.00000	-8.50000	-4.8381	-8.9310	-1.0022E-3	-3.3302	38.338E-6
	22.00000	41.00000	-8.50000	-4.8721	-8.9310	-1.0024E-3	-3.3934	39.062E-6
	23.00000	41.00000	-8.50000	-4.8939	-8.9310	-1.0025E-3	-3.4495	39.705E-6
	24.00000	41.00000	-8.50000	-4.9020	-8.9310	-1.0026E-3	-3.4957	40.232E-6
	25.00000	41.00000	-8.50000	-4.8950	-8.9310	-1.0027E-3	-3.5292	40.616E-6
	26.00000	41.00000	-8.50000	-4.8717	-8.9310	-1.0028E-3	-3.5480	40.829E-6
	27.00000	41.00000	-8.50000	-4.8312	-8.9310	-1.0029E-3	-3.5505	40.856E-6
	28.00000	41.00000	-8.50000	-4.7728	-8.9310	-1.0029E-3	-3.5356	40.683E-6
	29.00000	41.00000	-8.50000	-4.6964	-8.9310	-1.0029E-3	-3.5027	40.304E-6
	30.00000	41.00000	-8.50000	-4.6018	-8.9310	-1.0029E-3	-3.4516	39.715E-6
	31.00000	41.00000	-8.50000	-4.4894	-8.9310	-1.0029E-3	-3.3822	38.916E-6
	32.00000	41.00000	-8.50000	-4.3597	-8.9310	-1.0028E-3	-3.2946	37.908E-6
	33.00000	41.00000	-8.50000	-4.2136	-8.9310	-1.0027E-3	-3.1893	36.697E-6
	34.00000	41.00000	-8.50000	-4.0522	-8.9310	-1.0025E-3	-3.0673	35.294E-6
	35.00000	41.00000	-8.50000	-3.8773	-8.9310	-1.0024E-3	-2.9300	33.715E-6
	36.00000	41.00000	-8.50000	-3.6907	-8.9310	-1.0022E-3	-2.7796	31.988E-6
	37.00000	41.00000	-8.50000	-3.4950	-8.9310	-1.0020E-3	-2.6192	30.145E-6
	38.00000	41.00000	-8.50000	-3.2926	-8.9310	-1.0017E-3	-2.4523	28.228E-6
	39.00000	41.00000	-8.50000	-3.0864	-8.9310	-1.0015E-3	-2.2830	26.283E-6
	40.00000	41.00000	-8.50000	-2.8791	-8.9310	-1.0013E-3	-2.1153	24.354E-6
	41.00000	41.00000	-8.50000	-2.6733	-8.9310	-1.0011E-3	-1.9524	22.483E-6
	42.00000	41.00000	-8.50000	-2.4712	-8.9310	-973.54E-6	-1.7973	20.700E-6
	43.00000	41.00000	-8.50000	-2.2746	-8.9310	-817.61E-6	-1.6518	19.026E-6
	44.00000	41.00000	-8.50000	-2.0849	-8.9310	-684.51E-6	-1.5168	17.473E-6
	45.00000	41.00000	-8.50000	-1.9032	-8.9310	-572.62E-6	-1.3927	16.046E-6
	46.00000	41.00000	-8.50000	-1.7300	-8.9310	-479.51E-6	-1.2793	14.741E-6
	47.00000	41.00000	-8.50000	-1.5657	-8.9310	-402.50E-6	-1.1762	13.555E-6
	48.00000	41.00000	-8.50000	-1.4104	-8.9310	-338.97E-6	-1.0827	12.478E-6
	49.00000	41.00000	-8.50000	-1.2642	-8.9310	-286.59E-6	-0.99796	11.502E-6
	50.00000	41.00000	-8.50000	-1.1267	-8.9310	-243.34E-6	-0.92121	10.618E-6
	51.00000	41.00000	-8.50000	-0.99790	-8.9310	-207.53E-6	-0.85168	9.8177E-6
	52.00000	41.00000	-8.50000	-0.87733	-8.9310	-177.78E-6	-0.78865	9.0915E-6
	53.00000	41.00000	-8.50000	-0.76468	-8.9310	-152.97E-6	-0.73142	8.4323E-6
	54.00000	41.00000	-8.50000	-0.65958	-8.9310	-132.19E-6	-0.67941	7.8330E-6
	55.00000	41.00000	-8.50000	-0.56166	-8.9310	-114.72E-6	-0.63207	7.2870E-6
	56.00000	41.00000	-8.50000	-0.47052	-8.9310	-99.947E-6	-0.58890	6.7899E-6
	57.00000	41.00000	-8.50000	-0.38581	-8.9310	-87.413E-6	-0.54947	6.3356E-6
	58.00000	41.00000	-8.50000	-0.30715	-8.9310	-76.730E-6	-0.51341	5.9199E-6
	59.00000	41.00000	-8.50000	-0.23419	-8.9310	-67.587E-6	-0.48036	5.5390E-6
	60.00000	41.00000	-8.50000	-0.16659	-8.9310	-59.729E-6	-0.45003	5.1893E-6
	-20.00000	42.00000	-8.50000	-0.10678	-8.9310	-54.035E-6	-0.42518	4.9022E-6
	-19.00000	42.00000	-8.50000	-0.16678	-8.9310	-60.585E-6	-0.45193	5.2113E-6
	-18.00000	42.00000	-8.50000	-0.23115	-8.9310	-68.070E-6	-0.48086	5.5447E-6
	-17.00000	42.00000	-8.50000	-0.30011	-8.9310	-76.634E-6	-0.51206	5.9044E-6
	-16.00000	42.00000	-8.50000	-0.37385	-8.9310	-86.447E-6	-0.54574	6.2925E-6
	-15.00000	42.00000	-8.50000	-0.45254	-8.9310	-97.703E-6	-0.58207	6.7113E-6
	-14.00000	42.00000	-8.50000	-0.53636	-8.9310	-110.62E-6	-0.62128	7.1632E-6
	-13.00000	42.00000	-8.50000	-0.62545	-8.9310	-125.45E-6	-0.66357	7.6505E-6
	-12.00000	42.00000	-8.50000	-0.71992	-8.9310	-142.46E-6	-0.70914	8.1755E-6
	-11.00000	42.00000	-8.50000	-0.81986	-8.9310	-161.95E-6	-0.75818	8.7406E-6
	-10.00000	42.00000	-8.50000	-0.92527	-8.9310	-184.23E-6	-0.81087	9.3476E-6
	-9.00000	42.00000	-8.50000	-1.0361	-8.9310	-209.61E-6	-0.86734	9.9982E-6
	-8.00000	42.00000	-8.50000	-1.1523	-8.9310	-238.39E-6	-0.92770	10.693E-6
	-7.00000	42.00000	-8.50000	-1.2736	-8.9310	-270.82E-6	-0.99195	11.434E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-6.00000	42.00000	-8.50000	-1.3997	-8.9310	-307.06E-6	-1.0600	12.218E-6
	-5.00000	42.00000	-8.50000	-1.5303	-8.9310	-347.16E-6	-1.1318	13.044E-6
	-4.00000	42.00000	-8.50000	-1.6647	-8.9310	-390.99E-6	-1.2069	13.909E-6
	-3.00000	42.00000	-8.50000	-1.8024	-8.9310	-438.24E-6	-1.2849	14.808E-6
	-2.00000	42.00000	-8.50000	-1.9426	-8.9310	-488.37E-6	-1.3654	15.734E-6
	-1.00000	42.00000	-8.50000	-2.0845	-8.9310	-540.64E-6	-1.4475	16.679E-6
	0.00000	42.00000	-8.50000	-2.2272	-8.9310	-594.17E-6	-1.5305	17.635E-6
	1.00000	42.00000	-8.50000	-2.3698	-8.9310	-647.97E-6	-1.6137	18.593E-6
	2.00000	42.00000	-8.50000	-2.5113	-8.9310	-701.08E-6	-1.6963	19.544E-6
	3.00000	42.00000	-8.50000	-2.6508	-8.9310	-752.66E-6	-1.7775	20.478E-6
	4.00000	42.00000	-8.50000	-2.7875	-8.9310	-802.05E-6	-1.8566	21.390E-6
	5.00000	42.00000	-8.50000	-2.9206	-8.9310	-848.81E-6	-1.9333	22.272E-6
	6.00000	42.00000	-8.50000	-3.0496	-8.9310	-892.79E-6	-2.0071	23.122E-6
	7.00000	42.00000	-8.50000	-3.1739	-8.9310	-934.09E-6	-2.0779	23.937E-6
	8.00000	42.00000	-8.50000	-3.2930	-8.9310	-973.03E-6	-2.1456	24.717E-6
	9.00000	42.00000	-8.50000	-3.4068	-8.9310	-0.0010101	-2.2103	25.463E-6
	10.00000	42.00000	-8.50000	-3.5149	-8.9310	-0.0010461	-2.2724	26.177E-6
	11.00000	42.00000	-8.50000	-3.6173	-8.9310	-0.0010819	-2.3320	26.864E-6
	12.00000	42.00000	-8.50000	-3.7138	-8.9310	-0.0011186	-2.3896	27.527E-6
	13.00000	42.00000	-8.50000	-3.8045	-8.9310	-0.0011573	-2.4456	28.172E-6
	14.00000	42.00000	-8.50000	-3.8893	-8.9310	-0.0011994	-2.5006	28.805E-6
	15.00000	42.00000	-8.50000	-3.9681	-8.9310	-0.0012462	-2.5549	29.430E-6
	16.00000	42.00000	-8.50000	-4.0408	-8.9310	-0.0012992	-2.6088	30.050E-6
	17.00000	42.00000	-8.50000	-4.1072	-8.9310	-0.0013595	-2.6626	30.668E-6
	18.00000	42.00000	-8.50000	-4.1668	-8.9310	-0.0014278	-2.7161	31.283E-6
	19.00000	42.00000	-8.50000	-4.2192	-8.9310	-0.0015040	-2.7690	31.890E-6
	20.00000	42.00000	-8.50000	-4.2636	-8.9310	-0.0015869	-2.8203	32.479E-6
	21.00000	42.00000	-8.50000	-4.2992	-8.9310	-0.0016741	-2.8689	33.037E-6
	22.00000	42.00000	-8.50000	-4.3249	-8.9310	-0.0017622	-2.9131	33.544E-6
	23.00000	42.00000	-8.50000	-4.3396	-8.9310	-0.0018469	-2.9512	33.980E-6
	24.00000	42.00000	-8.50000	-4.3423	-8.9310	-0.0019239	-2.9812	34.324E-6
	25.00000	42.00000	-8.50000	-4.3318	-8.9310	-0.0019894	-3.0014	34.555E-6
	26.00000	42.00000	-8.50000	-4.3074	-8.9310	-0.0020405	-3.0104	34.657E-6
	27.00000	42.00000	-8.50000	-4.2684	-8.9310	-0.0020751	-3.0070	34.616E-6
	28.00000	42.00000	-8.50000	-4.2143	-8.9310	-0.0020922	-2.9903	34.423E-6
	29.00000	42.00000	-8.50000	-4.1449	-8.9310	-0.0020911	-2.9599	34.072E-6
	30.00000	42.00000	-8.50000	-4.0603	-8.9310	-0.0020717	-2.9155	33.561E-6
	31.00000	42.00000	-8.50000	-3.9607	-8.9310	-0.0020337	-2.8571	32.889E-6
	32.00000	42.00000	-8.50000	-3.8466	-8.9310	-0.0019769	-2.7849	32.058E-6
	33.00000	42.00000	-8.50000	-3.7189	-8.9310	-0.0019015	-2.6995	31.075E-6
	34.00000	42.00000	-8.50000	-3.5785	-8.9310	-0.0018077	-2.6016	29.949E-6
	35.00000	42.00000	-8.50000	-3.4269	-8.9310	-0.0016970	-2.4926	28.695E-6
	36.00000	42.00000	-8.50000	-3.2658	-8.9310	-0.0015716	-2.3741	27.332E-6
	37.00000	42.00000	-8.50000	-3.0969	-8.9310	-0.0014349	-2.2482	25.885E-6
	38.00000	42.00000	-8.50000	-2.9223	-8.9310	-0.0012916	-2.1175	24.382E-6
	39.00000	42.00000	-8.50000	-2.7443	-8.9310	-0.0011470	-1.9846	22.855E-6
	40.00000	42.00000	-8.50000	-2.5649	-8.9310	-0.0010061	-1.8523	21.332E-6
	41.00000	42.00000	-8.50000	-2.3861	-8.9310	-873.41E-6	-1.7228	19.843E-6
	42.00000	42.00000	-8.50000	-2.2098	-8.9310	-751.99E-6	-1.5981	18.409E-6
	43.00000	42.00000	-8.50000	-2.0374	-8.9310	-643.62E-6	-1.4797	17.048E-6
	44.00000	42.00000	-8.50000	-1.8702	-8.9310	-548.79E-6	-1.3686	15.769E-6
	45.00000	42.00000	-8.50000	-1.7091	-8.9310	-467.07E-6	-1.2651	14.578E-6
	46.00000	42.00000	-8.50000	-1.5547	-8.9310	-397.41E-6	-1.1695	13.477E-6
	47.00000	42.00000	-8.50000	-1.4075	-8.9310	-338.47E-6	-1.0814	12.464E-6
	48.00000	42.00000	-8.50000	-1.2678	-8.9310	-288.82E-6	-1.0007	11.534E-6
	49.00000	42.00000	-8.50000	-1.1355	-8.9310	-247.10E-6	-0.92685	10.683E-6
	50.00000	42.00000	-8.50000	-1.0107	-8.9310	-212.04E-6	-0.85934	9.9058E-6
	51.00000	42.00000	-8.50000	-0.89322	-8.9310	-182.57E-6	-0.79767	9.1954E-6
	52.00000	42.00000	-8.50000	-0.78289	-8.9310	-157.74E-6	-0.74134	8.5464E-6
	53.00000	42.00000	-8.50000	-0.67946	-8.9310	-136.77E-6	-0.68985	7.9532E-6
	54.00000	42.00000	-8.50000	-0.58268	-8.9310	-119.02E-6	-0.64277	7.4107E-6
	55.00000	42.00000	-8.50000	-0.49225	-8.9310	-103.93E-6	-0.59966	6.9140E-6
	56.00000	42.00000	-8.50000	-0.40789	-8.9310	-91.059E-6	-0.56016	6.4587E-6
	57.00000	42.00000	-8.50000	-0.32928	-8.9310	-80.049E-6	-0.52391	6.0409E-6
	58.00000	42.00000	-8.50000	-0.25614	-8.9310	-70.596E-6	-0.49061	5.6571E-6
	59.00000	42.00000	-8.50000	-0.18817	-8.9310	-62.450E-6	-0.45997	5.3040E-6
	60.00000	42.00000	-8.50000	-0.12508	-8.9310	-55.406E-6	-0.43175	4.9787E-6
	-20.00000	43.00000	-8.50000	-0.065221	-8.9310	-49.711E-6	-0.40676	4.6905E-6
	-19.00000	43.00000	-8.50000	-0.12087	-8.9310	-55.499E-6	-0.43156	4.9764E-6
	-18.00000	43.00000	-8.50000	-0.18048	-8.9310	-62.068E-6	-0.45821	5.2836E-6
	-17.00000	43.00000	-8.50000	-0.24421	-8.9310	-69.531E-6	-0.48684	5.6137E-6
	-16.00000	43.00000	-8.50000	-0.31223	-8.9310	-78.016E-6	-0.51761	5.9684E-6
	-15.00000	43.00000	-8.50000	-0.38466	-8.9310	-87.668E-6	-0.55067	6.3494E-6
	-14.00000	43.00000	-8.50000	-0.46164	-8.9310	-98.647E-6	-0.58617	6.7585E-6
	-13.00000	43.00000	-8.50000	-0.54327	-8.9310	-111.13E-6	-0.62426	7.1975E-6
	-12.00000	43.00000	-8.50000	-0.62961	-8.9310	-125.31E-6	-0.66509	7.6680E-6
	-11.00000	43.00000	-8.50000	-0.72070	-8.9310	-141.37E-6	-0.70879	8.1715E-6
	-10.00000	43.00000	-8.50000	-0.81653	-8.9310	-159.54E-6	-0.75546	8.7093E-6
	-9.00000	43.00000	-8.50000	-0.91702	-8.9310	-179.99E-6	-0.80519	9.2822E-6
	-8.00000	43.00000	-8.50000	-1.0220	-8.9310	-202.91E-6	-0.85800	9.8907E-6
	-7.00000	43.00000	-8.50000	-1.1314	-8.9310	-228.43E-6	-0.91389	10.535E-6
	-6.00000	43.00000	-8.50000	-1.2448	-8.9310	-256.61E-6	-0.97276	11.213E-6
	-5.00000	43.00000	-8.50000	-1.3619	-8.9310	-287.44E-6	-1.0344	11.923E-6
	-4.00000	43.00000	-8.50000	-1.4822	-8.9310	-320.80E-6	-1.0987	12.663E-6
	-3.00000	43.00000	-8.50000	-1.6051	-8.9310	-356.45E-6	-1.1651	13.428E-6
	-2.00000	43.00000	-8.50000	-1.7301	-8.9310	-394.01E-6	-1.2333	14.214E-6
	-1.00000	43.00000	-8.50000	-1.8564	-8.9310	-432.99E-6	-1.3028	15.014E-6
	0.00000	43.00000	-8.50000	-1.9833	-8.9310	-472.83E-6	-1.3730	15.822E-6
	1.00000	43.00000	-8.50000	-2.1101	-8.9310	-512.89E-6	-1.4432	16.631E-6
	2.00000	43.00000	-8.50000	-2.2359	-8.9310	-552.59E-6	-1.5130	17.434E-6
	3.00000	43.00000	-8.50000	-2.3600	-8.9310	-591.37E-6	-1.5817	18.226E-6
	4.00000	43.00000	-8.50000	-2.4818	-8.9310	-628.80E-6	-1.6490	19.000E-6
	5.00000	43.00000	-8.50000	-2.6005	-8.9310	-664.61E-6	-1.7143	19.753E-6
	6.00000	43.00000	-8.50000	-2.7157	-8.9310	-698.66E-6	-1.7774	20.480E-6
	7.00000	43.00000	-8.50000	-2.8269	-8.9310	-730.99E-6	-1.8382	21.180E-6
	8.00000	43.00000	-8.50000	-2.9336	-8.9310	-761.78E-6	-1.8966	21.852E-6
	9.00000	43.00000	-8.50000	-3.0355	-8.9310	-791.38E-6	-1.9525	22.496E-6
	10.00000	43.00000	-8.50000	-3.1325	-8.9310	-820.23E-6	-2.0062	23.114E-6
	11.00000	43.00000	-8.50000	-3.2243	-8.9310	-848.89E-6	-2.0577	23.708E-6
	12.00000	43.00000	-8.50000	-3.3108	-8.9310	-878.04E-6	-2.1074	24.280E-6
	13.00000	43.00000	-8.50000	-3.3919	-8.9310	-908.42E-6	-2.1555	24.834E-6
	14.00000	43.00000	-8.50000	-3.4674	-8.9310	-940.80E-6	-2.2022

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	54.00000	43.00000	-8.50000	-0.50863	-8.9310	-107.06E-6	-0.60790	7.0089E-6
	55.00000	43.00000	-8.50000	-0.42527	-8.9310	-94.057E-6	-0.56869	6.5570E-6
	56.00000	43.00000	-8.50000	-0.34731	-8.9310	-82.869E-6	-0.53257	6.1407E-6
	57.00000	43.00000	-8.50000	-0.27451	-8.9310	-73.218E-6	-0.49928	5.7570E-6
	58.00000	43.00000	-8.50000	-0.20663	-8.9310	-64.870E-6	-0.46856	5.4030E-6
	59.00000	43.00000	-8.50000	-0.14343	-8.9310	-57.628E-6	-0.44020	5.0760E-6
	60.00000	43.00000	-8.50000	-0.084675	-8.9310	-51.328E-6	-0.41397	4.7737E-6
	-20.00000	44.00000	-8.50000	-0.025176	-8.9310	-45.717E-6	-0.38909	4.4869E-6
	-19.00000	44.00000	-8.50000	-0.076705	-8.9310	-50.829E-6	-0.41202	4.7513E-6
	-18.00000	44.00000	-8.50000	-0.13182	-8.9310	-56.594E-6	-0.43657	5.0343E-6
	-17.00000	44.00000	-8.50000	-0.19064	-8.9310	-63.099E-6	-0.46286	5.3372E-6
	-16.00000	44.00000	-8.50000	-0.25329	-8.9310	-70.441E-6	-0.49099	5.6615E-6
	-15.00000	44.00000	-8.50000	-0.31989	-8.9310	-78.728E-6	-0.52108	6.0083E-6
	-14.00000	44.00000	-8.50000	-0.39052	-8.9310	-88.076E-6	-0.55324	6.3791E-6
	-13.00000	44.00000	-8.50000	-0.46525	-8.9310	-98.612E-6	-0.58760	6.7750E-6
	-12.00000	44.00000	-8.50000	-0.54411	-8.9310	-110.47E-6	-0.62424	7.1973E-6
	-11.00000	44.00000	-8.50000	-0.62711	-8.9310	-123.78E-6	-0.66326	7.6469E-6
	-10.00000	44.00000	-8.50000	-0.71422	-8.9310	-138.67E-6	-0.70472	8.1247E-6
	-9.00000	44.00000	-8.50000	-0.80534	-8.9310	-155.27E-6	-0.74865	8.6309E-6
	-8.00000	44.00000	-8.50000	-0.90033	-8.9310	-173.68E-6	-0.79507	9.1657E-6
	-7.00000	44.00000	-8.50000	-0.99900	-8.9310	-193.96E-6	-0.84392	9.7285E-6
	-6.00000	44.00000	-8.50000	-1.1011	-8.9310	-216.14E-6	-0.89511	10.318E-6
	-5.00000	44.00000	-8.50000	-1.2062	-8.9310	-240.18E-6	-0.94848	10.933E-6
	-4.00000	44.00000	-8.50000	-1.3140	-8.9310	-265.97E-6	-1.0038	11.571E-6
	-3.00000	44.00000	-8.50000	-1.4240	-8.9310	-293.33E-6	-1.0608	12.228E-6
	-2.00000	44.00000	-8.50000	-1.5357	-8.9310	-321.99E-6	-1.1192	12.900E-6
	-1.00000	44.00000	-8.50000	-1.6484	-8.9310	-351.63E-6	-1.1785	13.583E-6
	0.00000	44.00000	-8.50000	-1.7616	-8.9310	-381.87E-6	-1.2383	14.272E-6
	1.00000	44.00000	-8.50000	-1.8746	-8.9310	-412.30E-6	-1.2982	14.961E-6
	2.00000	44.00000	-8.50000	-1.9868	-8.9310	-442.54E-6	-1.3577	15.646E-6
	3.00000	44.00000	-8.50000	-2.0975	-8.9310	-472.23E-6	-1.4163	16.322E-6
	4.00000	44.00000	-8.50000	-2.2061	-8.9310	-501.07E-6	-1.4739	16.985E-6
	5.00000	44.00000	-8.50000	-2.3122	-8.9310	-528.88E-6	-1.5299	17.630E-6
	6.00000	44.00000	-8.50000	-2.4152	-8.9310	-555.57E-6	-1.5842	18.256E-6
	7.00000	44.00000	-8.50000	-2.5147	-8.9310	-581.12E-6	-1.6366	18.860E-6
	8.00000	44.00000	-8.50000	-2.6103	-8.9310	-605.66E-6	-1.6871	19.441E-6
	9.00000	44.00000	-8.50000	-2.7017	-8.9310	-629.38E-6	-1.7355	19.999E-6
	10.00000	44.00000	-8.50000	-2.7886	-8.9310	-652.57E-6	-1.7821	20.535E-6
	11.00000	44.00000	-8.50000	-2.8709	-8.9310	-675.59E-6	-1.8267	21.049E-6
	12.00000	44.00000	-8.50000	-2.9484	-8.9310	-698.84E-6	-1.8696	21.543E-6
	13.00000	44.00000	-8.50000	-3.0209	-8.9310	-722.78E-6	-1.9109	22.019E-6
	14.00000	44.00000	-8.50000	-3.0882	-8.9310	-747.88E-6	-1.9507	22.477E-6
	15.00000	44.00000	-8.50000	-3.1501	-8.9310	-774.56E-6	-1.9891	22.919E-6
	16.00000	44.00000	-8.50000	-3.2065	-8.9310	-803.19E-6	-2.0262	23.346E-6
	17.00000	44.00000	-8.50000	-3.2571	-8.9310	-834.01E-6	-2.0618	23.755E-6
	18.00000	44.00000	-8.50000	-3.3014	-8.9310	-867.01E-6	-2.0958	24.147E-6
	19.00000	44.00000	-8.50000	-3.3392	-8.9310	-901.94E-6	-2.1279	24.515E-6
	20.00000	44.00000	-8.50000	-3.3700	-8.9310	-938.19E-6	-2.1575	24.856E-6
	21.00000	44.00000	-8.50000	-3.3931	-8.9310	-974.83E-6	-2.1841	25.161E-6
	22.00000	44.00000	-8.50000	-3.4079	-8.9310	-0.0010106	-2.2068	25.422E-6
	23.00000	44.00000	-8.50000	-3.4140	-8.9310	-0.0010442	-2.2248	25.629E-6
	24.00000	44.00000	-8.50000	-3.4105	-8.9310	-0.0010740	-2.2373	25.772E-6
	25.00000	44.00000	-8.50000	-3.3971	-8.9310	-0.0010987	-2.2435	25.842E-6
	26.00000	44.00000	-8.50000	-3.3732	-8.9310	-0.0011172	-2.2425	25.831E-6
	27.00000	44.00000	-8.50000	-3.3385	-8.9310	-0.0011285	-2.2339	25.731E-6
	28.00000	44.00000	-8.50000	-3.2928	-8.9310	-0.0011320	-2.2172	25.538E-6
	29.00000	44.00000	-8.50000	-3.2359	-8.9310	-0.0011271	-2.1921	25.249E-6
	30.00000	44.00000	-8.50000	-3.1681	-8.9310	-0.0011137	-2.1585	24.861E-6
	31.00000	44.00000	-8.50000	-3.0895	-8.9310	-0.0010917	-2.1164	24.377E-6
	32.00000	44.00000	-8.50000	-3.0006	-8.9310	-0.0010611	-2.0661	23.798E-6
	33.00000	44.00000	-8.50000	-2.9020	-8.9310	-0.0010221	-2.0080	23.128E-6
	34.00000	44.00000	-8.50000	-2.7946	-8.9310	-975.34E-6	-1.9426	22.375E-6
	35.00000	44.00000	-8.50000	-2.6791	-8.9310	-921.52E-6	-1.8707	21.548E-6
	36.00000	44.00000	-8.50000	-2.5569	-8.9310	-861.76E-6	-1.7934	20.658E-6
	37.00000	44.00000	-8.50000	-2.4291	-8.9310	-797.52E-6	-1.7118	19.719E-6
	38.00000	44.00000	-8.50000	-2.2970	-8.9310	-730.51E-6	-1.6271	18.745E-6
	39.00000	44.00000	-8.50000	-2.1619	-8.9310	-662.58E-6	-1.5408	17.752E-6
	40.00000	44.00000	-8.50000	-2.0254	-8.9310	-595.54E-6	-1.4541	16.754E-6
	41.00000	44.00000	-8.50000	-1.8886	-8.9310	-531.01E-6	-1.3684	15.767E-6
	42.00000	44.00000	-8.50000	-1.7527	-8.9310	-470.28E-6	-1.2845	14.802E-6
	43.00000	44.00000	-8.50000	-1.6189	-8.9310	-414.23E-6	-1.2036	13.870E-6
	44.00000	44.00000	-8.50000	-1.4879	-8.9310	-363.37E-6	-1.1261	12.978E-6
	45.00000	44.00000	-8.50000	-1.3607	-8.9310	-317.85E-6	-1.0526	12.131E-6
	46.00000	44.00000	-8.50000	-1.2377	-8.9310	-277.57E-6	-0.98324	11.333E-6
	47.00000	44.00000	-8.50000	-1.1194	-8.9310	-242.22E-6	-0.91825	10.584E-6
	48.00000	44.00000	-8.50000	-1.0062	-8.9310	-211.40E-6	-0.85757	9.8854E-6
	49.00000	44.00000	-8.50000	-0.89815	-8.9310	-184.64E-6	-0.80109	9.2348E-6
	50.00000	44.00000	-8.50000	-0.79545	-8.9310	-161.47E-6	-0.74865	8.6307E-6
	51.00000	44.00000	-8.50000	-0.69809	-8.9310	-141.45E-6	-0.70004	8.0706E-6
	52.00000	44.00000	-8.50000	-0.60605	-8.9310	-124.15E-6	-0.65503	7.5519E-6
	53.00000	44.00000	-8.50000	-0.51925	-8.9310	-109.20E-6	-0.61337	7.0719E-6
	54.00000	44.00000	-8.50000	-0.43757	-8.9310	-96.272E-6	-0.57483	6.6278E-6
	55.00000	44.00000	-8.50000	-0.36085	-8.9310	-85.073E-6	-0.53917	6.2168E-6
	56.00000	44.00000	-8.50000	-0.28893	-8.9310	-75.356E-6	-0.50617	5.8364E-6
	57.00000	44.00000	-8.50000	-0.22162	-8.9310	-66.908E-6	-0.47561	5.4843E-6
	58.00000	44.00000	-8.50000	-0.15875	-8.9310	-59.549E-6	-0.44731	5.1580E-6
	59.00000	44.00000	-8.50000	-0.10010	-8.9310	-53.123E-6	-0.42107	4.8555E-6
	60.00000	44.00000	-8.50000	-0.045483	-8.9310	-47.498E-6	-0.39672	4.5749E-6
	-20.00000	45.00000	-8.50000	0.013290	-8.9310	-42.036E-6	-0.37213	4.2914E-6
	-19.00000	45.00000	-8.50000	-0.034351	-8.9310	-46.551E-6	-0.39333	4.5358E-6
	-18.00000	45.00000	-8.50000	-0.085226	-8.9310	-51.612E-6	-0.41595	4.7965E-6
	-17.00000	45.00000	-8.50000	-0.13944	-8.9310	-57.285E-6	-0.44008	5.0747E-6
	-16.00000	45.00000	-8.50000	-0.19709	-8.9310	-63.645E-6	-0.46580	5.3712E-6
	-15.00000	45.00000	-8.50000	-0.25825	-8.9310	-70.771E-6	-0.49321	5.6871E-6
	-14.00000	45.00000	-8.50000	-0.32300	-8.9310	-78.748E-6	-0.52239	6.0235E-6
	-13.00000	45.00000	-8.50000	-0.39136	-8.9310	-87.666E-6	-0.55342	6.3811E-6
	-12.00000	45.00000	-8.50000	-0.46335	-8.9310	-97.617E-6	-0.58637	6.7608E-6
	-11.00000	45.00000	-8.50000	-0.53896	-8.9310	-108.69E-6	-0.62129	7.1633E-6
	-10.00000	45.00000	-8.50000	-0.61813	-8.9310	-120.97E-6	-0.65821	7.5888E-6
	-9.00000	45.00000	-8.50000	-0.70076	-8.9310	-134.54E-6	-0.69716	8.0376E-6
	-8.00000	45.00000	-8.50000	-0.78672	-8.9310	-149.44E-6	-0.73811	8.5095E-6
	-7.00000	45.00000	-8.50000	-0.87581	-8.9310	-165.72E-6	-0.78100	9.0037E-6
	-6.00000	45.00000	-8.50000	-0.96778	-8.9310	-183.37E-6	-0.82575	9.5193E-6
	-5.00000	45.00000	-8.50000	-1.0623	-8.9310	-202.35E-6	-0.87221	10.055E-6
	-4.00000	45.00000	-8.50000	-1.1591	-8.9310	-222.56E-6	-0.92020	10.608E-6
	-3.00000	45.00000	-8.50000	-1.2577	-8.9310	-243.88E-6	-0.96948	11.175E-6
	-2.00000	45.00000	-8.50000	-1.3577	-8.9310	-266.11E-6	-1.0198	11.755E-6
	-1.00000	45.00000	-8.50000	-1.4585	-8.9310	-289.03E-6	-1.0708	12.342E-6
	0.00000	45.00000	-8.50000	-1.5596	-8.9310	-312.38E-6	-1.1222	12.934E-6
	1.00000	45.00000	-8.50000	-1.6606	-8.9310	-335.90E-6	-1.1736	13.526E-6
	2.00000	45.00000	-8.50000	-1.7607	-8.9310	-359.31E-6	-1.2247	14.115E-6
	3.00000	45.00000	-8.50000	-1.8597	-8.9310	-382.39E-6	-1.2751	14.696E-6
	4.00000	45.00000	-8.50000	-1.9568	-8.9310	-404.93E-6	-1.3246	15.267E-6
	5.00000	45.00000	-8.50000	-2.0517	-8.9310	-426.81E-6	-1.3730	15.823E-6
	6.00000	45.00000	-8.50000	-2.1439	-8.9310	-447.94E-6	-1.4199	16.364E-6
	7.00000	45.00000	-8.50000	-2.2330	-8.9310	-468.32E-6	-1.4653	16.887E-6
	8.00000	45.00000	-8.50000	-2.3186	-8.9310	-488.00E-6	-1.5091	17.391E-6
	9.00000	45.00000	-8.50000	-2.4006	-8.9310	-507.11E-6	-1.5512	17.876E-6
	10.00000	45.00000	-8.50000	-2.4786	-8.9310	-525.83E-6	-1.5916	18.342E-6
	11.00000	45.00000	-8.50000	-2.5523	-8.9310	-544.37E-6	-1.6303	18.788E-6
	12.00000	45.00000	-8.50000	-2.6217	-8.9310	-562.98E-6	-1.6674	19.215E-6
	13.00000	45.00000	-8.50000	-2.6864	-8.9310	-581.94E-6	-1.7029	19.623E-6
	14.00000	45.00000	-8.50000	-2.7464	-8.9310	-601.52E-6	-1.7370	20.016E-6
	15.00000	45.00000	-8.50000	-2.8014	-8.9310	-621.95E-6	-1.7695	20.391E-6
	16.00000	45.00000	-8.50000	-2.8511	-8.9310	-643.42E-6	-1.8005	20.748E-6
	17.00000	45.00000	-8.50000	-2.8954	-8.9310	-666.00E-6	-1.8298	21.085E-6
	18.00000	45.00000	-8.50000	-2.9339	-8.9310	-689.64E-6	-1.8574	21.402E-6
	19.00000	45.00000	-8.50000	-2.9663	-8.9310	-714.12E-6	-1.8828	21.695E-6
	20.00000	45.00000	-8.50000	-2.9921	-8.9310	-739.01E-6	-1.9058	21.960E-6
	21.00000	45.00000	-8.50000	-3.0109	-8.9310	-763.70E-6	-1.9259	22.190E-6
	22.00000	45.00000	-8.50000	-3.0222	-8.9310	-787.41E-6	-1.9425	22.381E-6
	23.00000	45.00000	-8.50000	-3.0256	-8.9310	-809.29E-6	-1.9550	22.524E-6
	24.00000	45.00000	-8.50000	-3.0207	-8.9310	-828.41E-6	-1.9628	22.614E-6
	25.00000	45.00000	-8.50000	-3.0069	-8.9310	-843.93E-6	-1.9653	22.643E-6
	26.00000	45.00000	-8.50000	-2.9840	-8.9310	-855.07E-6	-1.9621	22.605E-6
	27.00000	45.00000	-8.50000	-2.9517	-8.9310	-861.22E-6	-1.9528	22.497E-6
	28.00000	45.00000	-8.50000	-2.9099	-8.9310	-861.90E-6	-1.9369	22.313E-6
	29.00000	45.00000	-8.50000	-2.8586	-8.9310	-856.81E-6	-1.9143	22.053E-6
	30.00000	45.00000	-8.50000	-2.7978	-8.9310	-845.74E-6	-1.8850	21.715E-6
	31.00000	45.00000	-8.50000	-2.7278	-8.9310	-828.64E-6	-1.8489	21.300E-6
	32.00000	45.00000	-8.50000	-2.6491	-8.9310	-805.60E-6	-1.8064	20.811E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	33.00000	45.00000	-8.50000	-2.5622	-8.9310	-776.82E-6	-1.7578	20.250E-6
	34.00000	45.00000	-8.50000	-2.4676	-8.9310	-742.71E-6	-1.7034	19.624E-6
	35.00000	45.00000	-8.50000	-2.3663	-8.9310	-703.83E-6	-1.6440	18.941E-6
	36.00000	45.00000	-8.50000	-2.2592	-8.9310	-660.97E-6	-1.5803	18.207E-6
	37.00000	45.00000	-8.50000	-2.1472	-8.9310	-615.09E-6	-1.5132	17.435E-6
	38.00000	45.00000	-8.50000	-2.0315	-8.9310	-567.29E-6	-1.4436	16.634E-6
	39.00000	45.00000	-8.50000	-1.9131	-8.9310	-518.74E-6	-1.3726	15.816E-6
	40.00000	45.00000	-8.50000	-1.7932	-8.9310	-470.58E-6	-1.3010	14.992E-6
	41.00000	45.00000	-8.50000	-1.6729	-8.9310	-423.86E-6	-1.2299	14.173E-6
	42.00000	45.00000	-8.50000	-1.5530	-8.9310	-379.43E-6	-1.1600	13.368E-6
	43.00000	45.00000	-8.50000	-1.4346	-8.9310	-337.93E-6	-1.0920	12.585E-6
	44.00000	45.00000	-8.50000	-1.3184	-8.9310	-299.75E-6	-1.0265	11.831E-6
	45.00000	45.00000	-8.50000	-1.2050	-8.9310	-265.09E-6	-0.96388	11.110E-6
	46.00000	45.00000	-8.50000	-1.0951	-8.9310	-233.97E-6	-0.90439	10.425E-6
	47.00000	45.00000	-8.50000	-0.98898	-8.9310	-206.25E-6	-0.84818	9.7773E-6
	48.00000	45.00000	-8.50000	-0.88701	-8.9310	-181.73E-6	-0.79531	9.1683E-6
	49.00000	45.00000	-8.50000	-0.78941	-8.9310	-160.16E-6	-0.74575	8.5972E-6
	50.00000	45.00000	-8.50000	-0.69631	-8.9310	-141.24E-6	-0.69941	8.0633E-6
	51.00000	45.00000	-8.50000	-0.60779	-8.9310	-124.68E-6	-0.65617	7.5652E-6
	52.00000	45.00000	-8.50000	-0.52387	-8.9310	-110.22E-6	-0.61589	7.1010E-6
	53.00000	45.00000	-8.50000	-0.44449	-8.9310	-97.591E-6	-0.57841	6.6690E-6
	54.00000	45.00000	-8.50000	-0.36960	-8.9310	-86.561E-6	-0.54354	6.2671E-6
	55.00000	45.00000	-8.50000	-0.29910	-8.9310	-76.922E-6	-0.51112	5.8935E-6
	56.00000	45.00000	-8.50000	-0.23286	-8.9310	-68.490E-6	-0.48097	5.5460E-6
	57.00000	45.00000	-8.50000	-0.17074	-8.9310	-61.104E-6	-0.45294	5.2229E-6
	58.00000	45.00000	-8.50000	-0.11260	-8.9310	-54.623E-6	-0.42687	4.9224E-6
	59.00000	45.00000	-8.50000	-0.058272	-8.9310	-48.929E-6	-0.40262	4.6428E-6
	60.00000	45.00000	-8.50000	-0.0076026	-8.9310	-43.915E-6	-0.38004	4.3825E-6
	-20.00000	46.00000	-8.50000	0.050127	-8.9310	-38.651E-6	-0.35587	4.1040E-6
	-19.00000	46.00000	-8.50000	0.0061499	-8.9310	-42.640E-6	-0.37547	4.3299E-6
	-18.00000	46.00000	-8.50000	-0.040748	-8.9310	-47.085E-6	-0.39632	4.5702E-6
	-17.00000	46.00000	-8.50000	-0.090650	-8.9310	-52.037E-6	-0.41848	4.8257E-6
	-16.00000	46.00000	-8.50000	-0.14363	-8.9310	-57.553E-6	-0.44202	5.0970E-6
	-15.00000	46.00000	-8.50000	-0.19974	-8.9310	-63.692E-6	-0.46701	5.3851E-6
	-14.00000	46.00000	-8.50000	-0.25904	-8.9310	-70.515E-6	-0.49351	5.6905E-6
	-13.00000	46.00000	-8.50000	-0.32153	-8.9310	-78.088E-6	-0.52157	6.0140E-6
	-12.00000	46.00000	-8.50000	-0.38721	-8.9310	-86.472E-6	-0.55125	6.3561E-6
	-11.00000	46.00000	-8.50000	-0.45606	-8.9310	-95.729E-6	-0.58257	6.7171E-6
	-10.00000	46.00000	-8.50000	-0.52801	-8.9310	-105.92E-6	-0.61555	7.0971E-6
	-9.00000	46.00000	-8.50000	-0.60296	-8.9310	-117.07E-6	-0.65018	7.4963E-6
	-8.00000	46.00000	-8.50000	-0.68077	-8.9310	-129.24E-6	-0.68644	7.9141E-6
	-7.00000	46.00000	-8.50000	-0.76125	-8.9310	-142.42E-6	-0.72426	8.3500E-6
	-6.00000	46.00000	-8.50000	-0.84420	-8.9310	-156.61E-6	-0.76357	8.8029E-6
	-5.00000	46.00000	-8.50000	-0.92932	-8.9310	-171.76E-6	-0.80422	9.2714E-6
	-4.00000	46.00000	-8.50000	-1.0163	-8.9310	-187.80E-6	-0.84608	9.7537E-6
	-3.00000	46.00000	-8.50000	-1.1048	-8.9310	-204.63E-6	-0.88893	10.247E-6
	-2.00000	46.00000	-8.50000	-1.1944	-8.9310	-222.12E-6	-0.93257	10.750E-6
	-1.00000	46.00000	-8.50000	-1.2847	-8.9310	-240.10E-6	-0.97674	11.259E-6
	0.00000	46.00000	-8.50000	-1.3753	-8.9310	-258.41E-6	-1.0212	11.771E-6
	1.00000	46.00000	-8.50000	-1.4656	-8.9310	-276.84E-6	-1.0656	12.283E-6
	2.00000	46.00000	-8.50000	-1.5552	-8.9310	-295.23E-6	-1.1098	12.792E-6
	3.00000	46.00000	-8.50000	-1.6438	-8.9310	-313.42E-6	-1.1534	13.295E-6
	4.00000	46.00000	-8.50000	-1.7307	-8.9310	-331.26E-6	-1.1963	13.789E-6
	5.00000	46.00000	-8.50000	-1.8157	-8.9310	-348.65E-6	-1.2382	14.271E-6
	6.00000	46.00000	-8.50000	-1.8982	-8.9310	-365.55E-6	-1.2789	14.741E-6
	7.00000	46.00000	-8.50000	-1.9781	-8.9310	-381.92E-6	-1.3184	15.196E-6
	8.00000	46.00000	-8.50000	-2.0549	-8.9310	-397.81E-6	-1.3565	15.635E-6
	9.00000	46.00000	-8.50000	-2.1284	-8.9310	-413.29E-6	-1.3931	16.057E-6
	10.00000	46.00000	-8.50000	-2.1983	-8.9310	-428.45E-6	-1.4283	16.462E-6
	11.00000	46.00000	-8.50000	-2.2644	-8.9310	-443.44E-6	-1.4620	16.849E-6
	12.00000	46.00000	-8.50000	-2.3265	-8.9310	-458.39E-6	-1.4941	17.220E-6
	13.00000	46.00000	-8.50000	-2.3844	-8.9310	-473.49E-6	-1.5248	17.573E-6
	14.00000	46.00000	-8.50000	-2.4378	-8.9310	-488.87E-6	-1.5540	17.909E-6
	15.00000	46.00000	-8.50000	-2.4867	-8.9310	-504.66E-6	-1.5816	18.228E-6
	16.00000	46.00000	-8.50000	-2.5306	-8.9310	-520.95E-6	-1.6077	18.528E-6
	17.00000	46.00000	-8.50000	-2.5695	-8.9310	-537.74E-6	-1.6321	18.808E-6
	18.00000	46.00000	-8.50000	-2.6030	-8.9310	-554.98E-6	-1.6546	19.068E-6
	19.00000	46.00000	-8.50000	-2.6308	-8.9310	-572.46E-6	-1.6750	19.303E-6
	20.00000	46.00000	-8.50000	-2.6526	-8.9310	-589.90E-6	-1.6931	19.511E-6
	21.00000	46.00000	-8.50000	-2.6680	-8.9310	-606.88E-6	-1.7084	19.687E-6
	22.00000	46.00000	-8.50000	-2.6767	-8.9310	-622.91E-6	-1.7206	19.827E-6
	23.00000	46.00000	-8.50000	-2.6782	-8.9310	-637.44E-6	-1.7292	19.926E-6
	24.00000	46.00000	-8.50000	-2.6723	-8.9310	-649.88E-6	-1.7339	19.979E-6
	25.00000	46.00000	-8.50000	-2.6586	-8.9310	-659.67E-6	-1.7341	19.982E-6
	26.00000	46.00000	-8.50000	-2.6370	-8.9310	-666.32E-6	-1.7296	19.930E-6
	27.00000	46.00000	-8.50000	-2.6071	-8.9310	-669.41E-6	-1.7201	19.819E-6
	28.00000	46.00000	-8.50000	-2.5690	-8.9310	-668.62E-6	-1.7053	19.648E-6
	29.00000	46.00000	-8.50000	-2.5227	-8.9310	-663.71E-6	-1.6851	19.415E-6
	30.00000	46.00000	-8.50000	-2.4683	-8.9310	-654.57E-6	-1.6594	19.120E-6
	31.00000	46.00000	-8.50000	-2.4059	-8.9310	-641.16E-6	-1.6284	18.763E-6
	32.00000	46.00000	-8.50000	-2.3361	-8.9310	-623.55E-6	-1.5922	18.346E-6
	33.00000	46.00000	-8.50000	-2.2592	-8.9310	-601.92E-6	-1.5511	17.873E-6
	34.00000	46.00000	-8.50000	-2.1758	-8.9310	-576.58E-6	-1.5056	17.348E-6
	35.00000	46.00000	-8.50000	-2.0866	-8.9310	-547.94E-6	-1.4559	16.776E-6
	36.00000	46.00000	-8.50000	-1.9924	-8.9310	-516.54E-6	-1.4029	16.166E-6
	37.00000	46.00000	-8.50000	-1.8940	-8.9310	-483.03E-6	-1.3471	15.523E-6
	38.00000	46.00000	-8.50000	-1.7922	-8.9310	-448.15E-6	-1.2892	14.856E-6
	39.00000	46.00000	-8.50000	-1.6881	-8.9310	-412.66E-6	-1.2300	14.175E-6
	40.00000	46.00000	-8.50000	-1.5825	-8.9310	-377.30E-6	-1.1703	13.487E-6
	41.00000	46.00000	-8.50000	-1.4762	-8.9310	-342.78E-6	-1.1107	12.801E-6
	42.00000	46.00000	-8.50000	-1.3702	-8.9310	-309.67E-6	-1.0519	12.124E-6
	43.00000	46.00000	-8.50000	-1.2652	-8.9310	-278.42E-6	-0.99435	11.461E-6
	44.00000	46.00000	-8.50000	-1.1619	-8.9310	-249.34E-6	-0.93858	10.819E-6
	45.00000	46.00000	-8.50000	-1.0607	-8.9310	-222.62E-6	-0.88491	10.200E-6
	46.00000	46.00000	-8.50000	-0.96236	-8.9310	-198.32E-6	-0.83359	9.6092E-6
	47.00000	46.00000	-8.50000	-0.86710	-8.9310	-176.40E-6	-0.78477	9.0468E-6
	48.00000	46.00000	-8.50000	-0.77528	-8.9310	-156.78E-6	-0.73854	8.5143E-6
	49.00000	46.00000	-8.50000	-0.68711	-8.9310	-139.29E-6	-0.69493	8.0117E-6
	50.00000	46.00000	-8.50000	-0.60277	-8.9310	-123.78E-6	-0.65390	7.5389E-6
	51.00000	46.00000	-8.50000	-0.52234	-8.9310	-110.06E-6	-0.61539	7.0952E-6
	52.00000	46.00000	-8.50000	-0.44587	-8.9310	-97.944E-6	-0.57931	6.6794E-6
	53.00000	46.00000	-8.50000	-0.37337	-8.9310	-87.262E-6	-0.54555	6.2903E-

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	12.00000	47.00000	-8.50000	-2.0594	-8.9310	-376.80E-6	-1.3446	15.498E-6
	13.00000	47.00000	-8.50000	-2.1111	-8.9310	-388.88E-6	-1.3712	15.804E-6
	14.00000	47.00000	-8.50000	-2.1588	-8.9310	-401.04E-6	-1.3963	16.093E-6
	15.00000	47.00000	-8.50000	-2.2022	-8.9310	-413.36E-6	-1.4199	16.365E-6
	16.00000	47.00000	-8.50000	-2.2411	-8.9310	-425.85E-6	-1.4419	16.619E-6
	17.00000	47.00000	-8.50000	-2.2753	-8.9310	-438.52E-6	-1.4623	16.853E-6
	18.00000	47.00000	-8.50000	-2.3045	-8.9310	-451.27E-6	-1.4809	17.067E-6
	19.00000	47.00000	-8.50000	-2.3285	-8.9310	-463.97E-6	-1.4974	17.258E-6
	20.00000	47.00000	-8.50000	-2.3470	-8.9310	-476.40E-6	-1.5117	17.423E-6
	21.00000	47.00000	-8.50000	-2.3597	-8.9310	-488.30E-6	-1.5236	17.559E-6
	22.00000	47.00000	-8.50000	-2.3663	-8.9310	-499.33E-6	-1.5326	17.662E-6
	23.00000	47.00000	-8.50000	-2.3665	-8.9310	-509.12E-6	-1.5385	17.730E-6
	24.00000	47.00000	-8.50000	-2.3601	-8.9310	-517.29E-6	-1.5410	17.759E-6
	25.00000	47.00000	-8.50000	-2.3468	-8.9310	-523.48E-6	-1.5398	17.745E-6
	26.00000	47.00000	-8.50000	-2.3265	-8.9310	-527.36E-6	-1.5347	17.685E-6
	27.00000	47.00000	-8.50000	-2.2991	-8.9310	-528.65E-6	-1.5253	17.577E-6
	28.00000	47.00000	-8.50000	-2.2645	-8.9310	-527.11E-6	-1.5117	17.420E-6
	29.00000	47.00000	-8.50000	-2.2227	-8.9310	-522.61E-6	-1.4936	17.212E-6
	30.00000	47.00000	-8.50000	-2.1739	-8.9310	-515.05E-6	-1.4711	16.953E-6
	31.00000	47.00000	-8.50000	-2.1183	-8.9310	-504.41E-6	-1.4443	16.644E-6
	32.00000	47.00000	-8.50000	-2.0563	-8.9310	-490.78E-6	-1.4133	16.287E-6
	33.00000	47.00000	-8.50000	-1.9881	-8.9310	-474.27E-6	-1.3784	15.885E-6
	34.00000	47.00000	-8.50000	-1.9144	-8.9310	-455.13E-6	-1.3398	15.440E-6
	35.00000	47.00000	-8.50000	-1.8356	-8.9310	-433.65E-6	-1.2980	14.959E-6
	36.00000	47.00000	-8.50000	-1.7525	-8.9310	-410.21E-6	-1.2534	14.445E-6
	37.00000	47.00000	-8.50000	-1.6657	-8.9310	-385.27E-6	-1.2065	13.905E-6
	38.00000	47.00000	-8.50000	-1.5760	-8.9310	-359.31E-6	-1.1579	13.345E-6
	39.00000	47.00000	-8.50000	-1.4841	-8.9310	-332.85E-6	-1.1082	12.772E-6
	40.00000	47.00000	-8.50000	-1.3908	-8.9310	-306.40E-6	-1.0578	12.192E-6
	41.00000	47.00000	-8.50000	-1.2968	-8.9310	-280.42E-6	-1.0074	11.612E-6
	42.00000	47.00000	-8.50000	-1.2028	-8.9310	-255.33E-6	-0.95751	11.037E-6
	43.00000	47.00000	-8.50000	-1.1095	-8.9310	-231.45E-6	-0.90845	10.472E-6
	44.00000	47.00000	-8.50000	-1.0174	-8.9310	-209.01E-6	-0.86065	9.9210E-6
	45.00000	47.00000	-8.50000	-0.92709	-8.9310	-188.18E-6	-0.81438	9.3880E-6
	46.00000	47.00000	-8.50000	-0.83898	-8.9310	-169.02E-6	-0.76989	8.8754E-6
	47.00000	47.00000	-8.50000	-0.75342	-8.9310	-151.55E-6	-0.72731	8.3848E-6
	48.00000	47.00000	-8.50000	-0.67072	-8.9310	-135.73E-6	-0.68676	7.9176E-6
	49.00000	47.00000	-8.50000	-0.59109	-8.9310	-121.49E-6	-0.64827	7.4741E-6
	50.00000	47.00000	-8.50000	-0.51470	-8.9310	-108.72E-6	-0.61186	7.0545E-6
	51.00000	47.00000	-8.50000	-0.44166	-8.9310	-97.308E-6	-0.57750	6.6585E-6
	52.00000	47.00000	-8.50000	-0.37205	-8.9310	-87.137E-6	-0.54514	6.2856E-6
	53.00000	47.00000	-8.50000	-0.30589	-8.9310	-78.088E-6	-0.51471	5.9349E-6
	54.00000	47.00000	-8.50000	-0.24318	-8.9310	-70.044E-6	-0.48613	5.6055E-6
	55.00000	47.00000	-8.50000	-0.18388	-8.9310	-62.899E-6	-0.45932	5.2964E-6
	56.00000	47.00000	-8.50000	-0.12793	-8.9310	-56.552E-6	-0.43417	5.0065E-6
	57.00000	47.00000	-8.50000	-0.075271	-8.9310	-50.912E-6	-0.41060	4.7348E-6
	58.00000	47.00000	-8.50000	-0.025806	-8.9310	-45.898E-6	-0.38851	4.4802E-6
	59.00000	47.00000	-8.50000	0.020560	-8.9310	-41.438E-6	-0.36781	4.2415E-6
	60.00000	47.00000	-8.50000	0.063933	-8.9310	-37.465E-6	-0.34841	4.0179E-6
	-20.00000	48.00000	-8.50000	0.11880	-8.9310	-32.694E-6	-0.32544	3.7531E-6
	-19.00000	48.00000	-8.50000	0.081498	-8.9310	-35.812E-6	-0.34220	3.9464E-6
	-18.00000	48.00000	-8.50000	0.041817	-8.9310	-39.250E-6	-0.35992	4.1506E-6
	-17.00000	48.00000	-8.50000	-296.37E-6	-8.9310	-43.038E-6	-0.37864	4.3664E-6
	-16.00000	48.00000	-8.50000	-0.044882	-8.9310	-47.207E-6	-0.39840	4.5942E-6
	-15.00000	48.00000	-8.50000	-0.091968	-8.9310	-51.791E-6	-0.41923	4.8343E-6
	-14.00000	48.00000	-8.50000	-0.14157	-8.9310	-56.823E-6	-0.44117	5.0872E-6
	-13.00000	48.00000	-8.50000	-0.19367	-8.9310	-62.334E-6	-0.46423	5.3531E-6
	-12.00000	48.00000	-8.50000	-0.24826	-8.9310	-68.356E-6	-0.48844	5.6322E-6
	-11.00000	48.00000	-8.50000	-0.30529	-8.9310	-74.915E-6	-0.51380	5.9245E-6
	-10.00000	48.00000	-8.50000	-0.36468	-8.9310	-82.034E-6	-0.54031	6.2301E-6
	-9.00000	48.00000	-8.50000	-0.42634	-8.9310	-89.729E-6	-0.56795	6.5486E-6
	-8.00000	48.00000	-8.50000	-0.49014	-8.9310	-98.006E-6	-0.59667	6.8796E-6
	-7.00000	48.00000	-8.50000	-0.55592	-8.9310	-106.86E-6	-0.62642	7.2225E-6
	-6.00000	48.00000	-8.50000	-0.62349	-8.9310	-116.28E-6	-0.65713	7.5764E-6
	-5.00000	48.00000	-8.50000	-0.69265	-8.9310	-126.23E-6	-0.68870	7.9403E-6
	-4.00000	48.00000	-8.50000	-0.76314	-8.9310	-136.66E-6	-0.72101	8.3127E-6
	-3.00000	48.00000	-8.50000	-0.83468	-8.9310	-147.53E-6	-0.75394	8.6922E-6
	-2.00000	48.00000	-8.50000	-0.90698	-8.9310	-158.74E-6	-0.78734	9.0770E-6
	-1.00000	48.00000	-8.50000	-0.97973	-8.9310	-170.23E-6	-0.82103	9.4653E-6
	0.00000	48.00000	-8.50000	-1.0526	-8.9310	-181.90E-6	-0.85485	9.8551E-6
	1.00000	48.00000	-8.50000	-1.1252	-8.9310	-193.66E-6	-0.88863	10.244E-6
	2.00000	48.00000	-8.50000	-1.1973	-8.9310	-205.42E-6	-0.92218	10.631E-6
	3.00000	48.00000	-8.50000	-1.2684	-8.9310	-217.09E-6	-0.95533	11.013E-6
	4.00000	48.00000	-8.50000	-1.3383	-8.9310	-228.61E-6	-0.98793	11.389E-6
	5.00000	48.00000	-8.50000	-1.4066	-8.9310	-239.93E-6	-1.0198	11.756E-6
	6.00000	48.00000	-8.50000	-1.4730	-8.9310	-250.99E-6	-1.0509	12.114E-6
	7.00000	48.00000	-8.50000	-1.5373	-8.9310	-261.79E-6	-1.0810	12.461E-6
	8.00000	48.00000	-8.50000	-1.5991	-8.9310	-272.33E-6	-1.1101	12.797E-6
	9.00000	48.00000	-8.50000	-1.6583	-8.9310	-282.62E-6	-1.1381	13.119E-6
	10.00000	48.00000	-8.50000	-1.7145	-8.9310	-292.70E-6	-1.1649	13.428E-6
	11.00000	48.00000	-8.50000	-1.7676	-8.9310	-302.60E-6	-1.1905	13.723E-6
	12.00000	48.00000	-8.50000	-1.8173	-8.9310	-312.39E-6	-1.2148	14.003E-6
	13.00000	48.00000	-8.50000	-1.8636	-8.9310	-322.10E-6	-1.2379	14.269E-6
	14.00000	48.00000	-8.50000	-1.9061	-8.9310	-331.79E-6	-1.2595	14.518E-6
	15.00000	48.00000	-8.50000	-1.9447	-8.9310	-341.47E-6	-1.2798	14.751E-6
	16.00000	48.00000	-8.50000	-1.9791	-8.9310	-351.16E-6	-1.2985	14.967E-6
	17.00000	48.00000	-8.50000	-2.0092	-8.9310	-360.82E-6	-1.3156	15.164E-6
	18.00000	48.00000	-8.50000	-2.0348	-8.9310	-370.38E-6	-1.3311	15.342E-6
	19.00000	48.00000	-8.50000	-2.0556	-8.9310	-379.75E-6	-1.3446	15.498E-6
	20.00000	48.00000	-8.50000	-2.0713	-8.9310	-388.76E-6	-1.3561	15.630E-6
	21.00000	48.00000	-8.50000	-2.0818	-8.9310	-397.22E-6	-1.3653	15.736E-6
	22.00000	48.00000	-8.50000	-2.0869	-8.9310	-404.92E-6	-1.3720	15.813E-6
	23.00000	48.00000	-8.50000	-2.0862	-8.9310	-411.60E-6	-1.3760	15.859E-6
	24.00000	48.00000	-8.50000	-2.0796	-8.9310	-417.01E-6	-1.3770	15.871E-6
	25.00000	48.00000	-8.50000	-2.0669	-8.9310	-420.91E-6	-1.3750	15.847E-6
	26.00000	48.00000	-8.50000	-2.0481	-8.9310	-423.07E-6	-1.3695	15.784E-6
	27.00000	48.00000	-8.50000	-2.0229	-8.9310	-423.30E-6	-1.3606	15.681E-6
	28.00000	48.00000	-8.50000	-1.9915	-8.9310	-421.46E-6	-1.3481	15.537E-6
	29.00000	48.00000	-8.50000	-1.9539	-8.9310	-417.43E-6	-1.3320	15.352E-6
	30.00000	48.00000	-8.50000	-1.9101	-8.9310	-411.16E-6	-1.3123	15.124E-6
	31.00000	48.00000	-8.50000	-1.8605	-8.9310	-402.65E-6	-1.2890	14.856E-6
	32.00000	48.00000	-8.50000	-1.8053	-8.9310	-391.96E-6	-1.2623	14.548E-6
	33.00000	48.00000	-8.50000	-1.7447	-8.9310	-379.19E-6	-1.2324	14.204E-6
	34.00000	48.00000	-8.50000	-1.6794	-8.9310	-364.51E-6	-1.1995	13.825E-6
	35.00000	48.00000	-8.50000	-1.6097	-8.9310	-348.14E-6	-1.1640	13.416E-6
	36.00000	48.00000	-8.50000	-1.5362	-8.9310	-330.36E-6	-1.1262	12.980E-6
	37.00000	48.00000	-8.50000	-1.4595	-8.9310	-311.46E-6	-1.0864	12.522E-6
	38.00000	48.00000	-8.50000	-1.3801	-8.9310	-291.81E-6	-1.0453	12.048E-6
	39.00000	48.00000	-8.50000	-1.2988	-8.9310	-271.75E-6	-1.0031	11.562E-6
	40.00000	48.00000	-8.50000	-1.2162	-8.9310	-251.63E-6	-0.96029	11.069E-6
	41.00000	48.00000	-8.50000	-1.1328	-8.9310	-231.78E-6	-0.91735	10.574E-6
	42.00000	48.00000	-8.50000	-1.0493	-8.9310	-212.48E-6	-0.87465	10.082E-6
	43.00000	48.00000	-8.50000	-0.96626	-8.9310	-193.98E-6	-0.83253	9.5972E-6
	44.00000	48.00000	-8.50000	-0.88414	-8.9310	-176.46E-6	-0.79130	9.1222E-6
	45.00000	48.00000	-8.50000	-0.80339	-8.9310	-160.04E-6	-0.75121	8.6602E-6
	46.00000	48.00000	-8.50000	-0.72441	-8.9310	-144.80E-6	-0.71245	8.2136E-6
	47.00000	48.00000	-8.50000	-0.64753	-8.9310	-130.77E-6	-0.67517	7.7841E-6
	48.00000	48.00000	-8.50000	-0.57303	-8.9310	-117.94E-6	-0.63947	7.3727E-6
	49.00000	48.00000	-8.50000	-0.50111	-8.9310	-106.27E-6	-0.60542	6.9803E-6
	50.00000	48.00000	-8.50000	-0.43195	-8.9310	-95.711E-6	-0.57303	6.6071E-6
	51.00000	48.00000	-8.50000	-0.36567	-8.9310	-86.190E-6	-0.54232	6.2531E-6
	52.00000	48.00000	-8.50000	-0.30235	-8.9310	-77.629E-6	-0.51326	5.9183E-6
	53.00000	48.00000	-8.50000	-0.24204	-8.9310	-69.948E-6	-0.48580	5.6017E-6
	54.00000	48.00000	-8.50000	-0.18474	-8.9310	-63.067E-6	-0.45990	5.3032E-6
	55.00000	48.00000	-8.50000	-0.13046	-8.9310	-56.907E-6	-0.43550	5.0219E-6
	56.00000	48.00000	-8.50000	-0.079157	-8.9310	-51.397E-6	-0.41253	4.7570E-6
	57.00000	48.00000	-8.50000	-0.030779	-8.9310	-46.469E-6	-0.39091	4.5078E-6
	58.00000	48.00000	-8.50000	0.014734	-8.9310	-42.061E-6	-0.37058	4.2735E-6
	59.00000	48.00000	-8.50000	0.057460	-8.9310	-38.116E-6	-0.35146	4.0531E-6
	60.00000	48.00000	-8.50000	0.097481	-8.9310	-34.583E-6	-0.33349	3.8459E-6
	-20.00000	49.00000	-8.50000	0.15061	-8.9310	-30.084E-6	-0.31124	3.5893E-6
	-19.00000	49.00000	-8.50000	0.11634	-8.9310	-32.844E-6	-0.32675	3.7681E-6
	-18.00000	49.00000	-8.50000	0.079914	-8.9310	-35.872E-6	-0.34310	3.9566E-6
	-17.00000	49.00000	-8.50000	0.041302	-8.9310	-39.192E-6	-0.36032	4.1552E-6
	-16.00000	49.00000	-8.50000	472.06E-6	-8.9310	-42.827E-6	-0.37844	4.3641E-6
	-15.00000	49.00000	-8.50000	-0.042593	-8.9310	-46.802E-6	-0.39749	4.5837E-6
	-14.00000	49.00000	-8.50000	-0.087895	-8.9310	-51.140E-6	-0.41748	4.8142E-6
	-13.00000	49.00000	-8.50000	-0.13542	-8.9310	-55.865E-6	-0.43844	5.0558E-6
	-12.00000	49.00000	-8.50000	-0.18515	-8.9310	-60.997E-6	-0.46037	5.3086E-6
	-11.00000	49.00000	-8.50000	-0.23701	-8.9310	-66.555E-6	-0.48327	5.5726E-6
	-10.00000	49.00000	-8.50000	-0.29095	-8.9310	-72.553E-6	-0.50712	5.8475E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-9.00000	49.00000	-8.50000	-0.34687	-8.9310	-78.999E-6	-0.53191	6.1332E-6
	-8.00000	49.00000	-8.50000	-0.40465	-8.9310	-85.895E-6	-0.55759	6.4292E-6
	-7.00000	49.00000	-8.50000	-0.46414	-8.9310	-93.233E-6	-0.58411	6.7349E-6
	-6.00000	49.00000	-8.50000	-0.52517	-8.9310	-101.00E-6	-0.61141	7.0495E-6
	-5.00000	49.00000	-8.50000	-0.58756	-8.9310	-109.17E-6	-0.63939	7.3721E-6
	-4.00000	49.00000	-8.50000	-0.65108	-8.9310	-117.70E-6	-0.66798	7.7016E-6
	-3.00000	49.00000	-8.50000	-0.71549	-8.9310	-126.56E-6	-0.69704	8.0365E-6
	-2.00000	49.00000	-8.50000	-0.78052	-8.9310	-135.68E-6	-0.72646	8.3756E-6
	-1.00000	49.00000	-8.50000	-0.84591	-8.9310	-145.01E-6	-0.75610	8.7172E-6
	0.00000	49.00000	-8.50000	-0.91137	-8.9310	-154.47E-6	-0.78583	9.0598E-6
	1.00000	49.00000	-8.50000	-0.97659	-8.9310	-164.01E-6	-0.81548	9.4015E-6
	2.00000	49.00000	-8.50000	-1.0413	-8.9310	-173.53E-6	-0.84493	9.7409E-6
	3.00000	49.00000	-8.50000	-1.1051	-8.9310	-183.04E-6	-0.87402	10.076E-6
	4.00000	49.00000	-8.50000	-1.1679	-8.9310	-192.42E-6	-0.90262	10.406E-6
	5.00000	49.00000	-8.50000	-1.2292	-8.9310	-201.66E-6	-0.93062	10.728E-6
	6.00000	49.00000	-8.50000	-1.2888	-8.9310	-210.71E-6	-0.95789	11.043E-6
	7.00000	49.00000	-8.50000	-1.3465	-8.9310	-219.56E-6	-0.98434	11.348E-6
	8.00000	49.00000	-8.50000	-1.4020	-8.9310	-228.21E-6	-1.0099	11.642E-6
	9.00000	49.00000	-8.50000	-1.4551	-8.9310	-236.66E-6	-1.0344	11.925E-6
	10.00000	49.00000	-8.50000	-1.5055	-8.9310	-244.92E-6	-1.0579	12.196E-6
	11.00000	49.00000	-8.50000	-1.5531	-8.9310	-253.03E-6	-1.0803	12.454E-6
	12.00000	49.00000	-8.50000	-1.5977	-8.9310	-260.99E-6	-1.1016	12.698E-6
	13.00000	49.00000	-8.50000	-1.6390	-8.9310	-268.85E-6	-1.1216	12.929E-6
	14.00000	49.00000	-8.50000	-1.6769	-8.9310	-276.61E-6	-1.1403	13.145E-6
	15.00000	49.00000	-8.50000	-1.7112	-8.9310	-284.29E-6	-1.1577	13.346E-6
	16.00000	49.00000	-8.50000	-1.7418	-8.9310	-291.86E-6	-1.1737	13.530E-6
	17.00000	49.00000	-8.50000	-1.7684	-8.9310	-299.31E-6	-1.1883	13.697E-6
	18.00000	49.00000	-8.50000	-1.7908	-8.9310	-306.58E-6	-1.2011	13.845E-6
	19.00000	49.00000	-8.50000	-1.8088	-8.9310	-313.58E-6	-1.2123	13.974E-6
	20.00000	49.00000	-8.50000	-1.8223	-8.9310	-320.20E-6	-1.2216	14.081E-6
	21.00000	49.00000	-8.50000	-1.8311	-8.9310	-326.31E-6	-1.2288	14.164E-6
	22.00000	49.00000	-8.50000	-1.8349	-8.9310	-331.75E-6	-1.2338	14.221E-6
	23.00000	49.00000	-8.50000	-1.8336	-8.9310	-336.35E-6	-1.2364	14.252E-6
	24.00000	49.00000	-8.50000	-1.8270	-8.9310	-339.95E-6	-1.2365	14.252E-6
	25.00000	49.00000	-8.50000	-1.8150	-8.9310	-342.37E-6	-1.2339	14.222E-6
	26.00000	49.00000	-8.50000	-1.7976	-8.9310	-343.47E-6	-1.2285	14.160E-6
	27.00000	49.00000	-8.50000	-1.7746	-8.9310	-343.11E-6	-1.2201	14.063E-6
	28.00000	49.00000	-8.50000	-1.7462	-8.9310	-341.19E-6	-1.2088	13.932E-6
	29.00000	49.00000	-8.50000	-1.7123	-8.9310	-337.64E-6	-1.1944	13.767E-6
	30.00000	49.00000	-8.50000	-1.6731	-8.9310	-332.44E-6	-1.1770	13.567E-6
	31.00000	49.00000	-8.50000	-1.6287	-8.9310	-325.58E-6	-1.1567	13.333E-6
	32.00000	49.00000	-8.50000	-1.5795	-8.9310	-317.10E-6	-1.1336	13.066E-6
	33.00000	49.00000	-8.50000	-1.5257	-8.9310	-307.09E-6	-1.1079	12.769E-6
	34.00000	49.00000	-8.50000	-1.4677	-8.9310	-295.68E-6	-1.0796	12.444E-6
	35.00000	49.00000	-8.50000	-1.4059	-8.9310	-283.03E-6	-1.0492	12.094E-6
	36.00000	49.00000	-8.50000	-1.3407	-8.9310	-269.33E-6	-1.0169	11.721E-6
	37.00000	49.00000	-8.50000	-1.2727	-8.9310	-254.80E-6	-0.98298	11.331E-6
	38.00000	49.00000	-8.50000	-1.2024	-8.9310	-239.70E-6	-0.94782	10.926E-6
	39.00000	49.00000	-8.50000	-1.1303	-8.9310	-224.25E-6	-0.91175	10.510E-6
	40.00000	49.00000	-8.50000	-1.0570	-8.9310	-208.72E-6	-0.87512	10.088E-6
	41.00000	49.00000	-8.50000	-0.98291	-8.9310	-193.34E-6	-0.83827	9.6634E-6
	42.00000	49.00000	-8.50000	-0.90862	-8.9310	-178.31E-6	-0.80152	9.2399E-6
	43.00000	49.00000	-8.50000	-0.83458	-8.9310	-163.80E-6	-0.76514	8.8208E-6
	44.00000	49.00000	-8.50000	-0.76123	-8.9310	-149.96E-6	-0.72938	8.4088E-6
	45.00000	49.00000	-8.50000	-0.68897	-8.9310	-136.90E-6	-0.69446	8.0066E-6
	46.00000	49.00000	-8.50000	-0.61813	-8.9310	-124.67E-6	-0.66055	7.6156E-6
	47.00000	49.00000	-8.50000	-0.54902	-8.9310	-113.31E-6	-0.62778	7.2380E-6
	48.00000	49.00000	-8.50000	-0.48190	-8.9310	-102.84E-6	-0.59625	6.8747E-6
	49.00000	49.00000	-8.50000	-0.41695	-8.9310	-93.231E-6	-0.56604	6.5264E-6
	50.00000	49.00000	-8.50000	-0.35436	-8.9310	-84.463E-6	-0.53717	6.1937E-6
	51.00000	49.00000	-8.50000	-0.29424	-8.9310	-76.490E-6	-0.50967	5.8768E-6
	52.00000	49.00000	-8.50000	-0.23669	-8.9310	-69.264E-6	-0.48353	5.5754E-6
	53.00000	49.00000	-8.50000	-0.18175	-8.9310	-62.730E-6	-0.45872	5.2896E-6
	54.00000	49.00000	-8.50000	-0.12947	-8.9310	-56.832E-6	-0.43523	5.0188E-6
	55.00000	49.00000	-8.50000	-0.079841	-8.9310	-51.517E-6	-0.41301	4.7626E-6
	56.00000	49.00000	-8.50000	-0.032854	-8.9310	-46.731E-6	-0.39201	4.5206E-6
	57.00000	49.00000	-8.50000	0.011523	-8.9310	-42.422E-6	-0.37218	4.2920E-6
	58.00000	49.00000	-8.50000	0.053335	-8.9310	-38.546E-6	-0.35347	4.0762E-6
	59.00000	49.00000	-8.50000	0.092639	-8.9310	-35.057E-6	-0.33582	3.8727E-6
	60.00000	49.00000	-8.50000	0.12950	-8.9310	-31.916E-6	-0.31918	3.6808E-6
	-20.00000	50.00000	-8.50000	0.18074	-8.9310	-27.695E-6	-0.29768	3.4331E-6
	-19.00000	50.00000	-8.50000	0.14930	-8.9310	-30.140E-6	-0.31204	3.5986E-6
	-18.00000	50.00000	-8.50000	0.11592	-8.9310	-32.811E-6	-0.32714	3.7726E-6
	-17.00000	50.00000	-8.50000	0.080562	-8.9310	-35.725E-6	-0.34299	3.9554E-6
	-16.00000	50.00000	-8.50000	0.043216	-8.9310	-38.900E-6	-0.35963	4.1472E-6
	-15.00000	50.00000	-8.50000	0.0038718	-8.9310	-42.355E-6	-0.37706	4.3483E-6
	-14.00000	50.00000	-8.50000	-0.037468	-8.9310	-46.105E-6	-0.39532	4.5587E-6
	-13.00000	50.00000	-8.50000	-0.080785	-8.9310	-50.169E-6	-0.41439	4.7786E-6
	-12.00000	50.00000	-8.50000	-0.12604	-8.9310	-54.560E-6	-0.43428	5.0079E-6
	-11.00000	50.00000	-8.50000	-0.17319	-8.9310	-59.290E-6	-0.45500	5.2467E-6
	-10.00000	50.00000	-8.50000	-0.22217	-8.9310	-64.367E-6	-0.47651	5.4947E-6
	-9.00000	50.00000	-8.50000	-0.27287	-8.9310	-69.796E-6	-0.49880	5.7516E-6
	-8.00000	50.00000	-8.50000	-0.32519	-8.9310	-75.575E-6	-0.52182	6.0170E-6
	-7.00000	50.00000	-8.50000	-0.37900	-8.9310	-81.697E-6	-0.54554	6.2904E-6
	-6.00000	50.00000	-8.50000	-0.43414	-8.9310	-88.148E-6	-0.56989	6.5711E-6
	-5.00000	50.00000	-8.50000	-0.49044	-8.9310	-94.906E-6	-0.59479	6.8581E-6
	-4.00000	50.00000	-8.50000	-0.54771	-8.9310	-101.94E-6	-0.62017	7.1506E-6
	-3.00000	50.00000	-8.50000	-0.60573	-8.9310	-109.22E-6	-0.64593	7.4475E-6
	-2.00000	50.00000	-8.50000	-0.66427	-8.9310	-116.71E-6	-0.67195	7.7474E-6
	-1.00000	50.00000	-8.50000	-0.72308	-8.9310	-124.35E-6	-0.69814	8.0493E-6
	0.00000	50.00000	-8.50000	-0.78193	-8.9310	-132.09E-6	-0.72436	8.3515E-6
	1.00000	50.00000	-8.50000	-0.84054	-8.9310	-139.90E-6	-0.75051	8.6529E-6
	2.00000	50.00000	-8.50000	-0.89866	-8.9310	-147.71E-6	-0.77646	8.9519E-6
	3.00000	50.00000	-8.50000	-0.95601	-8.9310	-155.48E-6	-0.80208	9.2473E-6
	4.00000	50.00000	-8.50000	-1.0124	-8.9310	-163.18E-6	-0.82728	9.5376E-6
	5.00000	50.00000	-8.50000	-1.0674	-8.9310	-170.77E-6	-0.85193	9.8218E-6
	6.00000	50.00000	-8.50000	-1.1210	-8.9310	-178.22E-6	-0.87594	10.099E-6
	7.00000	50.00000	-8.50000	-1.1728	-8.9310	-185.51E-6	-0.89923	10.367E-6
	8.00000	50.00000	-8.50000	-1.2226	-8.9310	-192.64E-6	-0.92170	10.626E-6
	9.00000	50.00000	-8.50000	-1.2702	-8.9310	-199.61E-6	-0.94329	10.875E-6
	10.00000	50.00000	-8.50000	-1.3155	-8.9310	-206.42E-6	-

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

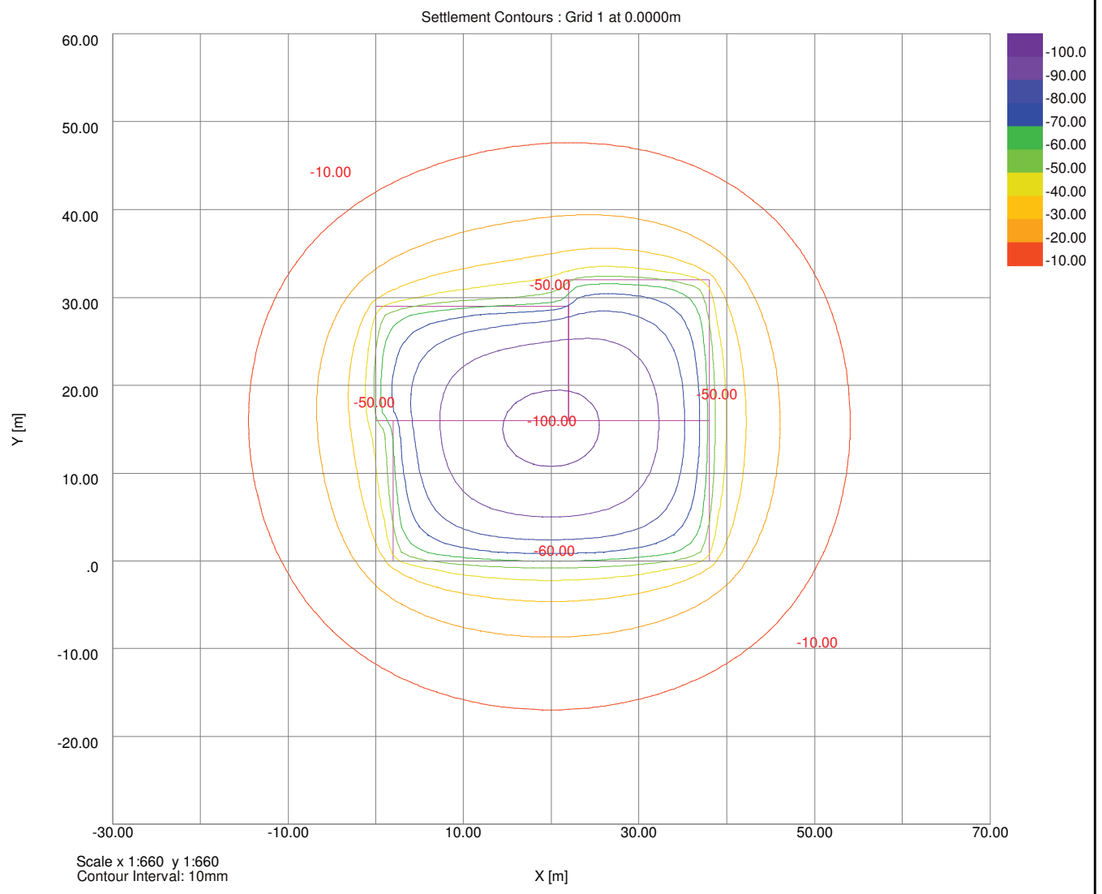
Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	51.00000	50.00000	-8.50000	-0.22723	-8.9310	-68.018E-6	-0.47936	5.5274E-6
	52.00000	50.00000	-8.50000	-0.17496	-8.9310	-61.900E-6	-0.45581	5.2559E-6
	53.00000	50.00000	-8.50000	-0.12497	-8.9310	-56.329E-6	-0.43338	4.9974E-6
	54.00000	50.00000	-8.50000	-0.077304	-8.9310	-51.266E-6	-0.41205	4.7515E-6
	55.00000	50.00000	-8.50000	-0.031986	-8.9310	-46.672E-6	-0.39180	4.5181E-6
	56.00000	50.00000	-8.50000	0.010988	-8.9310	-42.509E-6	-0.37259	4.2967E-6
	57.00000	50.00000	-8.50000	0.051636	-8.9310	-38.741E-6	-0.35440	4.0869E-6
	58.00000	50.00000	-8.50000	0.089987	-8.9310	-35.330E-6	-0.33717	3.8883E-6
	59.00000	50.00000	-8.50000	0.12608	-8.9310	-32.244E-6	-0.32087	3.7003E-6
	60.00000	50.00000	-8.50000	0.15998	-8.9310	-29.452E-6	-0.30545	3.5226E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**



Analysis Options

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: -80.00 [m OD]
Displacements at area centroids calculated.

Soil ProfilesSoil Profile 1

Layer	Level at top	Number of intermediate displacement levels	Youngs Modulus Top	Youngs Modulus Btm	Poissons ratio	Non-linear curve
	[mOD]		[kN/m²]	[kN/m²]		
1	0.0	1	7500.0	7500.0	0.20000	None
2	-2.0000	6	18000.	25500.	0.20000	None
3	-8.5000	16	25500.	45000.	0.20000	None
4	-25.000	55	45000.	94500.	0.20000	None

Soil Zones

Zone	Name	X coordinates min [m]	X coordinates max [m]	Y coordinates min [m]	Y coordinates max [m]	Profile
1	Soil Zone 1	-20.000	60.000	-20.000	50.000	Soil Profile 1

Load Data

Load ref.	Name	Shape	Orientation of Plane	Centre of load (Global) X [m]	Y [m]	Z (level) [m]	Load position Angle of local x from [Degrees]	Width x or Radius [m]	Length y [m]	Polygon Coordinates [m]	Rectangle tolerance	Number of rectangles	Load value Normal (local z) [kN/m²]	Tangential (local x) [kN/m²]	Tangential (local y) [kN/m²]
1	Load 1	Rectangular	Horizontal	20.000	8.0000	-8.5000	0.0	36.000	16.000	N/A	N/A	1	-160.00	0.0	0.0
2	Load 2	Rectangular	Horizontal	11.000	22.500	-8.5000	0.0	22.000	13.000	N/A	N/A	1	-160.00	0.0	0.0
3	Load 3	Rectangular	Horizontal	30.000	24.000	-8.5000	0.0	16.000	16.000	N/A	N/A	1	-160.00	0.0	0.0

Displacement Data

Ref.	Type	Name	Direction of Extrusion	Line/Line for extrusion First point X [m]	First point Y [m]	First point Z(level) [m]	Second point X [m]	Second point Y [m]	Second point Z(level) [m]	No. of intrvls across extrusion	Extrusion Depth [m]	No. of intrvls along extrusion	Calculate	Show Detailed results
1	Grid	Grid 1	Global X	-20.000	-20.000	0.0	N/A	50.000	0.0	70	80.000	80	Yes	No
2	Grid	Grid 2	Global X	-20.000	-20.000	-8.5000	N/A	50.000	-8.5000	70	80.000	80	Yes	No

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Horizontal rigid boundary level: -80.00 [m OD]

The maximum displacement difference between
Boussinesq method (-92.810mm) and Mindlin method (-65.483mm)
occurs at point X=29.000m Y=22.000m Level 0.0mOD and is 27.328mm

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
Load 1	20.00000	8.00000	-8.50000	-96.543	-8.9310	-159.99	-373.08	-0.0045134
Load 2	11.00000	22.50000	-8.50000	-90.601	-8.9310	-159.99	-370.94	-0.0045296
Load 3	30.00000	24.00000	-8.50000	-88.724	-8.9310	-159.99	-370.67	-0.0045317
Grid 1	-20.00000	-20.00000	0.00000	-2.4419	-0.50000	0.0	0.0	0.0
	-19.00000	-20.00000	0.00000	-2.5659	-0.50000	0.0	0.0	0.0
	-18.00000	-20.00000	0.00000	-2.6948	-0.50000	0.0	0.0	0.0
	-17.00000	-20.00000	0.00000	-2.8287	-0.50000	0.0	0.0	0.0
	-16.00000	-20.00000	0.00000	-2.9676	-0.50000	0.0	0.0	0.0
	-15.00000	-20.00000	0.00000	-3.1114	-0.50000	0.0	0.0	0.0
	-14.00000	-20.00000	0.00000	-3.2602	-0.50000	0.0	0.0	0.0
	-13.00000	-20.00000	0.00000	-3.4137	-0.50000	0.0	0.0	0.0
	-12.00000	-20.00000	0.00000	-3.5721	-0.50000	0.0	0.0	0.0
	-11.00000	-20.00000	0.00000	-3.7349	-0.50000	0.0	0.0	0.0
	-10.00000	-20.00000	0.00000	-3.9022	-0.50000	0.0	0.0	0.0
	-9.00000	-20.00000	0.00000	-4.0735	-0.50000	0.0	0.0	0.0
	-8.00000	-20.00000	0.00000	-4.2485	-0.50000	0.0	0.0	0.0
	-7.00000	-20.00000	0.00000	-4.4269	-0.50000	0.0	0.0	0.0
	-6.00000	-20.00000	0.00000	-4.6082	-0.50000	0.0	0.0	0.0
	-5.00000	-20.00000	0.00000	-4.7919	-0.50000	0.0	0.0	0.0
	-4.00000	-20.00000	0.00000	-4.9774	-0.50000	0.0	0.0	0.0
	-3.00000	-20.00000	0.00000	-5.1640	-0.50000	0.0	0.0	0.0
	-2.00000	-20.00000	0.00000	-5.3510	-0.50000	0.0	0.0	0.0
	-1.00000	-20.00000	0.00000	-5.5377	-0.50000	0.0	0.0	0.0
	0.00000	-20.00000	0.00000	-5.7232	-0.50000	0.0	0.0	0.0
	1.00000	-20.00000	0.00000	-5.9066	-0.50000	0.0	0.0	0.0
	2.00000	-20.00000	0.00000	-6.0872	-0.50000	0.0	0.0	0.0
	3.00000	-20.00000	0.00000	-6.2639	-0.50000	0.0	0.0	0.0
	4.00000	-20.00000	0.00000	-6.4359	-0.50000	0.0	0.0	0.0
	5.00000	-20.00000	0.00000	-6.6023	-0.50000	0.0	0.0	0.0
	6.00000	-20.00000	0.00000	-6.7621	-0.50000	0.0	0.0	0.0
	7.00000	-20.00000	0.00000	-6.9146	-0.50000	0.0	0.0	0.0
	8.00000	-20.00000	0.00000	-7.0590	-0.50000	0.0	0.0	0.0
	9.00000	-20.00000	0.00000	-7.1944	-0.50000	0.0	0.0	0.0
	10.00000	-20.00000	0.00000	-7.3203	-0.50000	0.0	0.0	0.0
	11.00000	-20.00000	0.00000	-7.4359	-0.50000	0.0	0.0	0.0
	12.00000	-20.00000	0.00000	-7.5407	-0.50000	0.0	0.0	0.0
	13.00000	-20.00000	0.00000	-7.6343	-0.50000	0.0	0.0	0.0
	14.00000	-20.00000	0.00000	-7.7160	-0.50000	0.0	0.0	0.0
	15.00000	-20.00000	0.00000	-7.7857	-0.50000	0.0	0.0	0.0
	16.00000	-20.00000	0.00000	-7.8429	-0.50000	0.0	0.0	0.0
	17.00000	-20.00000	0.00000	-7.8875	-0.50000	0.0	0.0	0.0
	18.00000	-20.00000	0.00000	-7.9192	-0.50000	0.0	0.0	0.0
	19.00000	-20.00000	0.00000	-7.9378	-0.50000	0.0	0.0	0.0
	20.00000	-20.00000	0.00000	-7.9434	-0.50000	0.0	0.0	0.0
	21.00000	-20.00000	0.00000	-7.9359	-0.50000	0.0	0.0	0.0
	22.00000	-20.00000	0.00000	-7.9153	-0.50000	0.0	0.0	0.0
	23.00000	-20.00000	0.00000	-7.8816	-0.50000	0.0	0.0	0.0
	24.00000	-20.00000	0.00000	-7.8352	-0.50000	0.0	0.0	0.0
	25.00000	-20.00000	0.00000	-7.7761	-0.50000	0.0	0.0	0.0
	26.00000	-20.00000	0.00000	-7.7045	-0.50000	0.0	0.0	0.0
	27.00000	-20.00000	0.00000	-7.6210	-0.50000	0.0	0.0	0.0
	28.00000	-20.00000	0.00000	-7.5257	-0.50000	0.0	0.0	0.0
	29.00000	-20.00000	0.00000	-7.4191	-0.50000	0.0	0.0	0.0
	30.00000	-20.00000	0.00000	-7.3019	-0.50000	0.0	0.0	0.0
	31.00000	-20.00000	0.00000	-7.1744	-0.50000	0.0	0.0	0.0
	32.00000	-20.00000	0.00000	-7.0375	-0.50000	0.0	0.0	0.0
	33.00000	-20.00000	0.00000	-6.8917	-0.50000	0.0	0.0	0.0
	34.00000	-20.00000	0.00000	-6.7379	-0.50000	0.0	0.0	0.0
	35.00000	-20.00000	0.00000	-6.5768	-0.50000	0.0	0.0	0.0
	36.00000	-20.00000	0.00000	-6.4093	-0.50000	0.0	0.0	0.0
	37.00000	-20.00000	0.00000	-6.2363	-0.50000	0.0	0.0	0.0
	38.00000	-20.00000	0.00000	-6.0586	-0.50000	0.0	0.0	0.0
	39.00000	-20.00000	0.00000	-5.8773	-0.50000	0.0	0.0	0.0
	40.00000	-20.00000	0.00000	-5.6931	-0.50000	0.0	0.0	0.0
	41.00000	-20.00000	0.00000	-5.5070	-0.50000	0.0	0.0	0.0
	42.00000	-20.00000	0.00000	-5.3198	-0.50000	0.0	0.0	0.0
	43.00000	-20.00000	0.00000	-5.1324	-0.50000	0.0	0.0	0.0
	44.00000	-20.00000	0.00000	-4.9455	-0.50000	0.0	0.0	0.0
	45.00000	-20.00000	0.00000	-4.7599	-0.50000	0.0	0.0	0.0
	46.00000	-20.00000	0.00000	-4.5761	-0.50000	0.0	0.0	0.0
	47.00000	-20.00000	0.00000	-4.3948	-0.50000	0.0	0.0	0.0
	48.00000	-20.00000	0.00000	-4.2165	-0.50000	0.0	0.0	0.0
	49.00000	-20.00000	0.00000	-4.0417	-0.50000	0.0	0.0	0.0
	50.00000	-20.00000	0.00000	-3.8707	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	51.00000	-20.00000	0.00000	-3.7038	-0.50000	0.0	0.0	0.0
	52.00000	-20.00000	0.00000	-3.5413	-0.50000	0.0	0.0	0.0
	53.00000	-20.00000	0.00000	-3.3835	-0.50000	0.0	0.0	0.0
	54.00000	-20.00000	0.00000	-3.2305	-0.50000	0.0	0.0	0.0
	55.00000	-20.00000	0.00000	-3.0823	-0.50000	0.0	0.0	0.0
	56.00000	-20.00000	0.00000	-2.9391	-0.50000	0.0	0.0	0.0
	57.00000	-20.00000	0.00000	-2.8009	-0.50000	0.0	0.0	0.0
	58.00000	-20.00000	0.00000	-2.6678	-0.50000	0.0	0.0	0.0
	59.00000	-20.00000	0.00000	-2.5396	-0.50000	0.0	0.0	0.0
	60.00000	-20.00000	0.00000	-2.4163	-0.50000	0.0	0.0	0.0
	-20.00000	-19.00000	0.00000	-2.5572	-0.50000	0.0	0.0	0.0
	-19.00000	-19.00000	0.00000	-2.6892	-0.50000	0.0	0.0	0.0
	-18.00000	-19.00000	0.00000	-2.8268	-0.50000	0.0	0.0	0.0
	-17.00000	-19.00000	0.00000	-2.9698	-0.50000	0.0	0.0	0.0
	-16.00000	-19.00000	0.00000	-3.1184	-0.50000	0.0	0.0	0.0
	-15.00000	-19.00000	0.00000	-3.2725	-0.50000	0.0	0.0	0.0
	-14.00000	-19.00000	0.00000	-3.4322	-0.50000	0.0	0.0	0.0
	-13.00000	-19.00000	0.00000	-3.5974	-0.50000	0.0	0.0	0.0
	-12.00000	-19.00000	0.00000	-3.7680	-0.50000	0.0	0.0	0.0
	-11.00000	-19.00000	0.00000	-3.9438	-0.50000	0.0	0.0	0.0
	-10.00000	-19.00000	0.00000	-4.1246	-0.50000	0.0	0.0	0.0
	-9.00000	-19.00000	0.00000	-4.3102	-0.50000	0.0	0.0	0.0
	-8.00000	-19.00000	0.00000	-4.5002	-0.50000	0.0	0.0	0.0
	-7.00000	-19.00000	0.00000	-4.6941	-0.50000	0.0	0.0	0.0
	-6.00000	-19.00000	0.00000	-4.8916	-0.50000	0.0	0.0	0.0
	-5.00000	-19.00000	0.00000	-5.0921	-0.50000	0.0	0.0	0.0
	-4.00000	-19.00000	0.00000	-5.2948	-0.50000	0.0	0.0	0.0
	-3.00000	-19.00000	0.00000	-5.4991	-0.50000	0.0	0.0	0.0
	-2.00000	-19.00000	0.00000	-5.7041	-0.50000	0.0	0.0	0.0
	-1.00000	-19.00000	0.00000	-5.9091	-0.50000	0.0	0.0	0.0
	0.00000	-19.00000	0.00000	-6.1130	-0.50000	0.0	0.0	0.0
	1.00000	-19.00000	0.00000	-6.3149	-0.50000	0.0	0.0	0.0
	2.00000	-19.00000	0.00000	-6.5138	-0.50000	0.0	0.0	0.0
	3.00000	-19.00000	0.00000	-6.7087	-0.50000	0.0	0.0	0.0
	4.00000	-19.00000	0.00000	-6.8984	-0.50000	0.0	0.0	0.0
	5.00000	-19.00000	0.00000	-7.0820	-0.50000	0.0	0.0	0.0
	6.00000	-19.00000	0.00000	-7.2585	-0.50000	0.0	0.0	0.0
	7.00000	-19.00000	0.00000	-7.4269	-0.50000	0.0	0.0	0.0
	8.00000	-19.00000	0.00000	-7.5863	-0.50000	0.0	0.0	0.0
	9.00000	-19.00000	0.00000	-7.7358	-0.50000	0.0	0.0	0.0
	10.00000	-19.00000	0.00000	-7.8748	-0.50000	0.0	0.0	0.0
	11.00000	-19.00000	0.00000	-8.0024	-0.50000	0.0	0.0	0.0
	12.00000	-19.00000	0.00000	-8.1181	-0.50000	0.0	0.0	0.0
	13.00000	-19.00000	0.00000	-8.2213	-0.50000	0.0	0.0	0.0
	14.00000	-19.00000	0.00000	-8.3115	-0.50000	0.0	0.0	0.0
	15.00000	-19.00000	0.00000	-8.3884	-0.50000	0.0	0.0	0.0
	16.00000	-19.00000	0.00000	-8.4515	-0.50000	0.0	0.0	0.0
	17.00000	-19.00000	0.00000	-8.5006	-0.50000	0.0	0.0	0.0
	18.00000	-19.00000	0.00000	-8.5355	-0.50000	0.0	0.0	0.0
	19.00000	-19.00000	0.00000	-8.5561	-0.50000	0.0	0.0	0.0
	20.00000	-19.00000	0.00000	-8.5622	-0.50000	0.0	0.0	0.0
	21.00000	-19.00000	0.00000	-8.5539	-0.50000	0.0	0.0	0.0
	22.00000	-19.00000	0.00000	-8.5312	-0.50000	0.0	0.0	0.0
	23.00000	-19.00000	0.00000	-8.4942	-0.50000	0.0	0.0	0.0
	24.00000	-19.00000	0.00000	-8.4430	-0.50000	0.0	0.0	0.0
	25.00000	-19.00000	0.00000	-8.3778	-0.50000	0.0	0.0	0.0
	26.00000	-19.00000	0.00000	-8.2990	-0.50000	0.0	0.0	0.0
	27.00000	-19.00000	0.00000	-8.2068	-0.50000	0.0	0.0	0.0
	28.00000	-19.00000	0.00000	-8.1017	-0.50000	0.0	0.0	0.0
	29.00000	-19.00000	0.00000	-7.9841	-0.50000	0.0	0.0	0.0
	30.00000	-19.00000	0.00000	-7.8547	-0.50000	0.0	0.0	0.0
	31.00000	-19.00000	0.00000	-7.7140	-0.50000	0.0	0.0	0.0
	32.00000	-19.00000	0.00000	-7.5628	-0.50000	0.0	0.0	0.0
	33.00000	-19.00000	0.00000	-7.4019	-0.50000	0.0	0.0	0.0
	34.00000	-19.00000	0.00000	-7.2321	-0.50000	0.0	0.0	0.0
	35.00000	-19.00000	0.00000	-7.0542	-0.50000	0.0	0.0	0.0
	36.00000	-19.00000	0.00000	-6.8694	-0.50000	0.0	0.0	0.0
	37.00000	-19.00000	0.00000	-6.6785	-0.50000	0.0	0.0	0.0
	38.00000	-19.00000	0.00000	-6.4827	-0.50000	0.0	0.0	0.0
	39.00000	-19.00000	0.00000	-6.2829	-0.50000	0.0	0.0	0.0
	40.00000	-19.00000	0.00000	-6.0803	-0.50000	0.0	0.0	0.0
	41.00000	-19.00000	0.00000	-5.8757	-0.50000	0.0	0.0	0.0
	42.00000	-19.00000	0.00000	-5.6702	-0.50000	0.0	0.0	0.0
	43.00000	-19.00000	0.00000	-5.4647	-0.50000	0.0	0.0	0.0
	44.00000	-19.00000	0.00000	-5.2602	-0.50000	0.0	0.0	0.0
	45.00000	-19.00000	0.00000	-5.0573	-0.50000	0.0	0.0	0.0
	46.00000	-19.00000	0.00000	-4.8568	-0.50000	0.0	0.0	0.0
	47.00000	-19.00000	0.00000	-4.6593	-0.50000	0.0	0.0	0.0
	48.00000	-19.00000	0.00000	-4.4655	-0.50000	0.0	0.0	0.0
	49.00000	-19.00000	0.00000	-4.2758	-0.50000	0.0	0.0	0.0
	50.00000	-19.00000	0.00000	-4.0905	-0.50000	0.0	0.0	0.0
	51.00000	-19.00000	0.00000	-3.9101	-0.50000	0.0	0.0	0.0
	52.00000	-19.00000	0.00000	-3.7348	-0.50000	0.0	0.0	0.0
	53.00000	-19.00000	0.00000	-3.5648	-0.50000	0.0	0.0	0.0
	54.00000	-19.00000	0.00000	-3.4002	-0.50000	0.0	0.0	0.0
	55.00000	-19.00000	0.00000	-3.2412	-0.50000	0.0	0.0	0.0
	56.00000	-19.00000	0.00000	-3.0878	-0.50000	0.0	0.0	0.0
	57.00000	-19.00000	0.00000	-2.9400	-0.50000	0.0	0.0	0.0
	58.00000	-19.00000	0.00000	-2.7978	-0.50000	0.0	0.0	0.0
	59.00000	-19.00000	0.00000	-2.6611	-0.50000	0.0	0.0	0.0
	60.00000	-19.00000	0.00000	-2.5298	-0.50000	0.0	0.0	0.0
	-20.00000	-18.00000	0.00000	-2.6763	-0.50000	0.0	0.0	0.0
	-19.00000	-18.00000	0.00000	-2.8169	-0.50000	0.0	0.0	0.0
	-18.00000	-18.00000	0.00000	-2.9635	-0.50000	0.0	0.0	0.0
	-17.00000	-18.00000	0.00000	-3.1162	-0.50000	0.0	0.0	0.0
	-16.00000	-18.00000	0.00000	-3.2752	-0.50000	0.0	0.0	0.0
	-15.00000	-18.00000	0.00000	-3.4404	-0.50000	0.0	0.0	0.0
	-14.00000	-18.00000	0.00000	-3.6118	-0.50000	0.0	0.0	0.0
	-13.00000	-18.00000	0.00000	-3.7894	-0.50000	0.0	0.0	0.0
	-12.00000	-18.00000	0.00000	-3.9732	-0.50000	0.0	0.0	0.0
	-11.00000	-18.00000	0.00000	-4.1630	-0.50000	0.0	0.0	0.0
	-10.00000	-18.00000	0.00000	-4.3586	-0.50000	0.0	0.0	0.0
	-9.00000	-18.00000	0.00000	-4.5598	-0.50000	0.0	0.0	0.0
	-8.00000	-18.00000	0.00000	-4.7661	-0.50000	0.0	0.0	0.0
	-7.00000	-18.00000	0.00000	-4.9772	-0.50000	0.0	0.0	0.0
	-6.00000	-18.00000	0.00000	-5.1925	-0.50000	0.0	0.0	0.0
	-5.00000	-18.00000	0.00000	-5.4114	-0.50000	0.0	0.0	0.0
	-4.00000	-18.00000	0.00000	-5.6332	-0.50000	0.0	0.0	0.0
	-3.00000	-18.00000	0.00000	-5.8572	-0.50000	0.0	0.0	0.0
	-2.00000	-18.00000	0.00000	-6.0823	-0.50000	0.0	0.0	0.0
	-1.00000	-18.00000	0.00000	-6.3077	-0.50000	0.0	0.0	0.0
	0.00000	-18.00000	0.00000	-6.5323	-0.50000	0.0	0.0	0.0
	1.00000	-18.00000	0.00000	-6.7548	-0.50000	0.0	0.0	0.0
	2.00000	-18.00000	0.00000	-6.9743	-0.50000	0.0	0.0	0.0
	3.00000	-18.00000	0.00000	-7.1895	-0.50000	0.0	0.0	0.0
	4.00000	-18.00000	0.00000	-7.3991	-0.50000	0.0	0.0	0.0
	5.00000	-18.00000	0.00000	-7.6021	-0.50000	0.0	0.0	0.0
	6.00000	-18.00000	0.00000	-7.7973	-0.50000	0.0	0.0	0.0
	7.00000	-18.00000	0.00000	-7.9835	-0.50000	0.0	0.0	0.0
	8.00000	-18.00000	0.00000	-8.1598	-0.50000	0.0	0.0	0.0
	9.00000	-18.00000	0.00000	-8.3252	-0.50000	0.0	0.0	0.0
	10.00000	-18.00000	0.00000	-8.4788	-0.50000	0.0	0.0	0.0
	11.00000	-18.00000	0.00000	-8.6199	-0.50000	0.0	0.0	0.0
	12.00000	-18.00000	0.00000	-8.7477	-0.50000	0.0	0.0	0.0
	13.00000	-18.00000	0.00000	-8.8616	-0.50000	0.0	0.0	0.0
	14.00000	-18.00000	0.00000	-8.9612	-0.50000	0.0	0.0	0.0
	15.00000	-18.00000	0.00000	-9.0460	-0.50000	0.0	0.0	0.0
	16.00000	-18.00000	0.00000	-9.1157	-0.50000	0.0	0.0	0.0
	17.00000	-18.00000	0.00000	-9.1698	-0.50000	0.0	0.0	0.0
	18.00000	-18.00000	0.00000	-9.2084	-0.50000	0.0	0.0	0.0
	19.00000	-18.00000	0.00000	-9.2311	-0.50000	0.0	0.0	0.0
	20.00000	-18.00000	0.00000	-9.2379	-0.50000	0.0	0.0	0.0
	21.00000	-18.00000	0.00000	-9.2287	-0.50000	0.0	0.0	0.0
	22.00000	-18.00000	0.00000	-9.2037	-0.50000	0.0	0.0	0.0
	23.00000	-18.00000	0.00000	-9.1629	-0.50000	0.0	0.0	0.0
	24.00000	-18.00000	0.00000	-9.1064	-0.50000	0.0	0.0	0.0
	25.00000	-18.00000	0.00000	-9.0345	-0.50000	0.0	0.0	0.0
	26.00000	-18.00000	0.00000	-8.9475	-0.50000	0.0	0.0	0.0
	27.00000	-18.00000	0.00000	-8.8458	-0.50000	0.0	0.0	0.0
	28.00000	-18.00000	0.00000	-8.7297	-0.50000	0.0	0.0	0.0
	29.00000	-18.00000	0.00000	-8.5999	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	30.00000	-18.00000	0.00000	-8.4569	-0.50000	0.0	0.0	0.0
	31.00000	-18.00000	0.00000	-8.3014	-0.50000	0.0	0.0	0.0
	32.00000	-18.00000	0.00000	-8.1342	-0.50000	0.0	0.0	0.0
	33.00000	-18.00000	0.00000	-7.9562	-0.50000	0.0	0.0	0.0
	34.00000	-18.00000	0.00000	-7.7684	-0.50000	0.0	0.0	0.0
	35.00000	-18.00000	0.00000	-7.5718	-0.50000	0.0	0.0	0.0
	36.00000	-18.00000	0.00000	-7.3675	-0.50000	0.0	0.0	0.0
	37.00000	-18.00000	0.00000	-7.1566	-0.50000	0.0	0.0	0.0
	38.00000	-18.00000	0.00000	-6.9404	-0.50000	0.0	0.0	0.0
	39.00000	-18.00000	0.00000	-6.7199	-0.50000	0.0	0.0	0.0
	40.00000	-18.00000	0.00000	-6.4965	-0.50000	0.0	0.0	0.0
	41.00000	-18.00000	0.00000	-6.2713	-0.50000	0.0	0.0	0.0
	42.00000	-18.00000	0.00000	-6.0454	-0.50000	0.0	0.0	0.0
	43.00000	-18.00000	0.00000	-5.8198	-0.50000	0.0	0.0	0.0
	44.00000	-18.00000	0.00000	-5.5956	-0.50000	0.0	0.0	0.0
	45.00000	-18.00000	0.00000	-5.3736	-0.50000	0.0	0.0	0.0
	46.00000	-18.00000	0.00000	-5.1546	-0.50000	0.0	0.0	0.0
	47.00000	-18.00000	0.00000	-4.9394	-0.50000	0.0	0.0	0.0
	48.00000	-18.00000	0.00000	-4.7285	-0.50000	0.0	0.0	0.0
	49.00000	-18.00000	0.00000	-4.5225	-0.50000	0.0	0.0	0.0
	50.00000	-18.00000	0.00000	-4.3218	-0.50000	0.0	0.0	0.0
	51.00000	-18.00000	0.00000	-4.1267	-0.50000	0.0	0.0	0.0
	52.00000	-18.00000	0.00000	-3.9374	-0.50000	0.0	0.0	0.0
	53.00000	-18.00000	0.00000	-3.7543	-0.50000	0.0	0.0	0.0
	54.00000	-18.00000	0.00000	-3.5773	-0.50000	0.0	0.0	0.0
	55.00000	-18.00000	0.00000	-3.4067	-0.50000	0.0	0.0	0.0
	56.00000	-18.00000	0.00000	-3.2423	-0.50000	0.0	0.0	0.0
	57.00000	-18.00000	0.00000	-3.0842	-0.50000	0.0	0.0	0.0
	58.00000	-18.00000	0.00000	-2.9324	-0.50000	0.0	0.0	0.0
	59.00000	-18.00000	0.00000	-2.7867	-0.50000	0.0	0.0	0.0
	60.00000	-18.00000	0.00000	-2.6471	-0.50000	0.0	0.0	0.0
	-20.00000	-17.00000	0.00000	-2.7992	-0.50000	0.0	0.0	0.0
	-19.00000	-17.00000	0.00000	-2.9487	-0.50000	0.0	0.0	0.0
	-18.00000	-17.00000	0.00000	-3.1050	-0.50000	0.0	0.0	0.0
	-17.00000	-17.00000	0.00000	-3.2680	-0.50000	0.0	0.0	0.0
	-16.00000	-17.00000	0.00000	-3.4380	-0.50000	0.0	0.0	0.0
	-15.00000	-17.00000	0.00000	-3.6150	-0.50000	0.0	0.0	0.0
	-14.00000	-17.00000	0.00000	-3.7990	-0.50000	0.0	0.0	0.0
	-13.00000	-17.00000	0.00000	-3.9901	-0.50000	0.0	0.0	0.0
	-12.00000	-17.00000	0.00000	-4.1881	-0.50000	0.0	0.0	0.0
	-11.00000	-17.00000	0.00000	-4.3930	-0.50000	0.0	0.0	0.0
	-10.00000	-17.00000	0.00000	-4.6047	-0.50000	0.0	0.0	0.0
	-9.00000	-17.00000	0.00000	-4.8228	-0.50000	0.0	0.0	0.0
	-8.00000	-17.00000	0.00000	-5.0470	-0.50000	0.0	0.0	0.0
	-7.00000	-17.00000	0.00000	-5.2768	-0.50000	0.0	0.0	0.0
	-6.00000	-17.00000	0.00000	-5.5118	-0.50000	0.0	0.0	0.0
	-5.00000	-17.00000	0.00000	-5.7512	-0.50000	0.0	0.0	0.0
	-4.00000	-17.00000	0.00000	-5.9942	-0.50000	0.0	0.0	0.0
	-3.00000	-17.00000	0.00000	-6.2401	-0.50000	0.0	0.0	0.0
	-2.00000	-17.00000	0.00000	-6.4877	-0.50000	0.0	0.0	0.0
	-1.00000	-17.00000	0.00000	-6.7359	-0.50000	0.0	0.0	0.0
	0.00000	-17.00000	0.00000	-6.9836	-0.50000	0.0	0.0	0.0
	1.00000	-17.00000	0.00000	-7.2294	-0.50000	0.0	0.0	0.0
	2.00000	-17.00000	0.00000	-7.4721	-0.50000	0.0	0.0	0.0
	3.00000	-17.00000	0.00000	-7.7101	-0.50000	0.0	0.0	0.0
	4.00000	-17.00000	0.00000	-7.9423	-0.50000	0.0	0.0	0.0
	5.00000	-17.00000	0.00000	-8.1671	-0.50000	0.0	0.0	0.0
	6.00000	-17.00000	0.00000	-8.3833	-0.50000	0.0	0.0	0.0
	7.00000	-17.00000	0.00000	-8.5896	-0.50000	0.0	0.0	0.0
	8.00000	-17.00000	0.00000	-8.7849	-0.50000	0.0	0.0	0.0
	9.00000	-17.00000	0.00000	-8.9680	-0.50000	0.0	0.0	0.0
	10.00000	-17.00000	0.00000	-9.1381	-0.50000	0.0	0.0	0.0
	11.00000	-17.00000	0.00000	-9.2942	-0.50000	0.0	0.0	0.0
	12.00000	-17.00000	0.00000	-9.4355	-0.50000	0.0	0.0	0.0
	13.00000	-17.00000	0.00000	-9.5615	-0.50000	0.0	0.0	0.0
	14.00000	-17.00000	0.00000	-9.6715	-0.50000	0.0	0.0	0.0
	15.00000	-17.00000	0.00000	-9.7652	-0.50000	0.0	0.0	0.0
	16.00000	-17.00000	0.00000	-9.8420	-0.50000	0.0	0.0	0.0
	17.00000	-17.00000	0.00000	-9.9018	-0.50000	0.0	0.0	0.0
	18.00000	-17.00000	0.00000	-9.9443	-0.50000	0.0	0.0	0.0
	19.00000	-17.00000	0.00000	-9.9694	-0.50000	0.0	0.0	0.0
	20.00000	-17.00000	0.00000	-9.9769	-0.50000	0.0	0.0	0.0
	21.00000	-17.00000	0.00000	-9.9668	-0.50000	0.0	0.0	0.0
	22.00000	-17.00000	0.00000	-9.9393	-0.50000	0.0	0.0	0.0
	23.00000	-17.00000	0.00000	-9.8942	-0.50000	0.0	0.0	0.0
	24.00000	-17.00000	0.00000	-9.8320	-0.50000	0.0	0.0	0.0
	25.00000	-17.00000	0.00000	-9.7526	-0.50000	0.0	0.0	0.0
	26.00000	-17.00000	0.00000	-9.6566	-0.50000	0.0	0.0	0.0
	27.00000	-17.00000	0.00000	-9.5442	-0.50000	0.0	0.0	0.0
	28.00000	-17.00000	0.00000	-9.4159	-0.50000	0.0	0.0	0.0
	29.00000	-17.00000	0.00000	-9.2723	-0.50000	0.0	0.0	0.0
	30.00000	-17.00000	0.00000	-9.1141	-0.50000	0.0	0.0	0.0
	31.00000	-17.00000	0.00000	-8.9420	-0.50000	0.0	0.0	0.0
	32.00000	-17.00000	0.00000	-8.7569	-0.50000	0.0	0.0	0.0
	33.00000	-17.00000	0.00000	-8.5598	-0.50000	0.0	0.0	0.0
	34.00000	-17.00000	0.00000	-8.3518	-0.50000	0.0	0.0	0.0
	35.00000	-17.00000	0.00000	-8.1340	-0.50000	0.0	0.0	0.0
	36.00000	-17.00000	0.00000	-7.9077	-0.50000	0.0	0.0	0.0
	37.00000	-17.00000	0.00000	-7.6742	-0.50000	0.0	0.0	0.0
	38.00000	-17.00000	0.00000	-7.4350	-0.50000	0.0	0.0	0.0
	39.00000	-17.00000	0.00000	-7.1913	-0.50000	0.0	0.0	0.0
	40.00000	-17.00000	0.00000	-6.9446	-0.50000	0.0	0.0	0.0
	41.00000	-17.00000	0.00000	-6.6962	-0.50000	0.0	0.0	0.0
	42.00000	-17.00000	0.00000	-6.4474	-0.50000	0.0	0.0	0.0
	43.00000	-17.00000	0.00000	-6.1993	-0.50000	0.0	0.0	0.0
	44.00000	-17.00000	0.00000	-5.9532	-0.50000	0.0	0.0	0.0
	45.00000	-17.00000	0.00000	-5.7100	-0.50000	0.0	0.0	0.0
	46.00000	-17.00000	0.00000	-5.4706	-0.50000	0.0	0.0	0.0
	47.00000	-17.00000	0.00000	-5.2358	-0.50000	0.0	0.0	0.0
	48.00000	-17.00000	0.00000	-5.0062	-0.50000	0.0	0.0	0.0
	49.00000	-17.00000	0.00000	-4.7824	-0.50000	0.0	0.0	0.0
	50.00000	-17.00000	0.00000	-4.5648	-0.50000	0.0	0.0	0.0
	51.00000	-17.00000	0.00000	-4.3537	-0.50000	0.0	0.0	0.0
	52.00000	-17.00000	0.00000	-4.1494	-0.50000	0.0	0.0	0.0
	53.00000	-17.00000	0.00000	-3.9521	-0.50000	0.0	0.0	0.0
	54.00000	-17.00000	0.00000	-3.7619	-0.50000	0.0	0.0	0.0
	55.00000	-17.00000	0.00000	-3.5787	-0.50000	0.0	0.0	0.0
	56.00000	-17.00000	0.00000	-3.4027	-0.50000	0.0	0.0	0.0
	57.00000	-17.00000	0.00000	-3.2337	-0.50000	0.0	0.0	0.0
	58.00000	-17.00000	0.00000	-3.0717	-0.50000	0.0	0.0	0.0
	59.00000	-17.00000	0.00000	-2.9164	-0.50000	0.0	0.0	0.0
	60.00000	-17.00000	0.00000	-2.7679	-0.50000	0.0	0.0	0.0
	-20.00000	-16.00000	0.00000	-2.9257	-0.50000	0.0	0.0	0.0
	-19.00000	-16.00000	0.00000	-3.0848	-0.50000	0.0	0.0	0.0
	-18.00000	-16.00000	0.00000	-3.2512	-0.50000	0.0	0.0	0.0
	-17.00000	-16.00000	0.00000	-3.4252	-0.50000	0.0	0.0	0.0
	-16.00000	-16.00000	0.00000	-3.6069	-0.50000	0.0	0.0	0.0
	-15.00000	-16.00000	0.00000	-3.7964	-0.50000	0.0	0.0	0.0
	-14.00000	-16.00000	0.00000	-3.9939	-0.50000	0.0	0.0	0.0
	-13.00000	-16.00000	0.00000	-4.1994	-0.50000	0.0	0.0	0.0
	-12.00000	-16.00000	0.00000	-4.4128	-0.50000	0.0	0.0	0.0
	-11.00000	-16.00000	0.00000	-4.6341	-0.50000	0.0	0.0	0.0
	-10.00000	-16.00000	0.00000	-4.8632	-0.50000	0.0	0.0	0.0
	-9.00000	-16.00000	0.00000	-5.0998	-0.50000	0.0	0.0	0.0
	-8.00000	-16.00000	0.00000	-5.3435	-0.50000	0.0	0.0	0.0
	-7.00000	-16.00000	0.00000	-5.5940	-0.50000	0.0	0.0	0.0
	-6.00000	-16.00000	0.00000	-5.8506	-0.50000	0.0	0.0	0.0
	-5.00000	-16.00000	0.00000	-6.1127	-0.50000	0.0	0.0	0.0
	-4.00000	-16.00000	0.00000	-6.3794	-0.50000	0.0	0.0	0.0
	-3.00000	-16.00000	0.00000	-6.6497	-0.50000	0.0	0.0	0.0
	-2.00000	-16.00000	0.00000	-6.9224	-0.50000	0.0	0.0	0.0
	-1.00000	-16.00000	0.00000	-7.1963	-0.50000	0.0	0.0	0.0
	0.00000	-16.00000	0.00000	-7.4701	-0.50000	0.0	0.0	0.0
	1.00000	-16.00000	0.00000	-7.7422	-0.50000	0.0	0.0	0.0
	2.00000	-16.00000	0.00000	-8.0110	-0.50000	0.0	0.0	0.0
	3.00000	-16.00000	0.00000	-8.2750	-0.50000	0.0	0.0	0.0
	4.00000	-16.00000	0.00000	-8.5325	-0.50000	0.0	0.0	0.0
	5.00000	-16.00000	0.00000	-8.7821	-0.50000	0.0	0.0	0.0
	6.00000	-16.00000	0.00000	-9.0220	-0.50000	0.0	0.0	0.0
	7.00000	-16.00000	0.00000	-9.2510	-0.50000	0.0	0.0	0.0
	8.00000	-16.00000	0.00000	-9.4677	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	9.00000	-16.00000	0.00000	-9.6708	-0.50000	0.0	0.0	0.0
	10.00000	-16.00000	0.00000	-9.8593	-0.50000	0.0	0.0	0.0
	11.00000	-16.00000	0.00000	-10.032	-0.50000	0.0	0.0	0.0
	12.00000	-16.00000	0.00000	-10.189	-0.50000	0.0	0.0	0.0
	13.00000	-16.00000	0.00000	-10.328	-0.50000	0.0	0.0	0.0
	14.00000	-16.00000	0.00000	-10.450	-0.50000	0.0	0.0	0.0
	15.00000	-16.00000	0.00000	-10.553	-0.50000	0.0	0.0	0.0
	16.00000	-16.00000	0.00000	-10.638	-0.50000	0.0	0.0	0.0
	17.00000	-16.00000	0.00000	-10.704	-0.50000	0.0	0.0	0.0
	18.00000	-16.00000	0.00000	-10.751	-0.50000	0.0	0.0	0.0
	19.00000	-16.00000	0.00000	-10.779	-0.50000	0.0	0.0	0.0
	20.00000	-16.00000	0.00000	-10.787	-0.50000	0.0	0.0	0.0
	21.00000	-16.00000	0.00000	-10.776	-0.50000	0.0	0.0	0.0
	22.00000	-16.00000	0.00000	-10.746	-0.50000	0.0	0.0	0.0
	23.00000	-16.00000	0.00000	-10.696	-0.50000	0.0	0.0	0.0
	24.00000	-16.00000	0.00000	-10.627	-0.50000	0.0	0.0	0.0
	25.00000	-16.00000	0.00000	-10.540	-0.50000	0.0	0.0	0.0
	26.00000	-16.00000	0.00000	-10.433	-0.50000	0.0	0.0	0.0
	27.00000	-16.00000	0.00000	-10.309	-0.50000	0.0	0.0	0.0
	28.00000	-16.00000	0.00000	-10.167	-0.50000	0.0	0.0	0.0
	29.00000	-16.00000	0.00000	-10.008	-0.50000	0.0	0.0	0.0
	30.00000	-16.00000	0.00000	-9.8331	-0.50000	0.0	0.0	0.0
	31.00000	-16.00000	0.00000	-9.6423	-0.50000	0.0	0.0	0.0
	32.00000	-16.00000	0.00000	-9.4371	-0.50000	0.0	0.0	0.0
	33.00000	-16.00000	0.00000	-9.2184	-0.50000	0.0	0.0	0.0
	34.00000	-16.00000	0.00000	-8.9875	-0.50000	0.0	0.0	0.0
	35.00000	-16.00000	0.00000	-8.7458	-0.50000	0.0	0.0	0.0
	36.00000	-16.00000	0.00000	-8.4947	-0.50000	0.0	0.0	0.0
	37.00000	-16.00000	0.00000	-8.2357	-0.50000	0.0	0.0	0.0
	38.00000	-16.00000	0.00000	-7.9704	-0.50000	0.0	0.0	0.0
	39.00000	-16.00000	0.00000	-7.7005	-0.50000	0.0	0.0	0.0
	40.00000	-16.00000	0.00000	-7.4275	-0.50000	0.0	0.0	0.0
	41.00000	-16.00000	0.00000	-7.1530	-0.50000	0.0	0.0	0.0
	42.00000	-16.00000	0.00000	-6.8784	-0.50000	0.0	0.0	0.0
	43.00000	-16.00000	0.00000	-6.6052	-0.50000	0.0	0.0	0.0
	44.00000	-16.00000	0.00000	-6.3347	-0.50000	0.0	0.0	0.0
	45.00000	-16.00000	0.00000	-6.0679	-0.50000	0.0	0.0	0.0
	46.00000	-16.00000	0.00000	-5.8059	-0.50000	0.0	0.0	0.0
	47.00000	-16.00000	0.00000	-5.5494	-0.50000	0.0	0.0	0.0
	48.00000	-16.00000	0.00000	-5.2993	-0.50000	0.0	0.0	0.0
	49.00000	-16.00000	0.00000	-5.0560	-0.50000	0.0	0.0	0.0
	50.00000	-16.00000	0.00000	-4.8199	-0.50000	0.0	0.0	0.0
	51.00000	-16.00000	0.00000	-4.5915	-0.50000	0.0	0.0	0.0
	52.00000	-16.00000	0.00000	-4.3710	-0.50000	0.0	0.0	0.0
	53.00000	-16.00000	0.00000	-4.1584	-0.50000	0.0	0.0	0.0
	54.00000	-16.00000	0.00000	-3.9539	-0.50000	0.0	0.0	0.0
	55.00000	-16.00000	0.00000	-3.7574	-0.50000	0.0	0.0	0.0
	56.00000	-16.00000	0.00000	-3.5689	-0.50000	0.0	0.0	0.0
	57.00000	-16.00000	0.00000	-3.3883	-0.50000	0.0	0.0	0.0
	58.00000	-16.00000	0.00000	-3.2155	-0.50000	0.0	0.0	0.0
	59.00000	-16.00000	0.00000	-3.0502	-0.50000	0.0	0.0	0.0
	60.00000	-16.00000	0.00000	-2.8923	-0.50000	0.0	0.0	0.0
	-20.00000	-15.00000	0.00000	-3.0559	-0.50000	0.0	0.0	0.0
	-19.00000	-15.00000	0.00000	-3.2249	-0.50000	0.0	0.0	0.0
	-18.00000	-15.00000	0.00000	-3.4021	-0.50000	0.0	0.0	0.0
	-17.00000	-15.00000	0.00000	-3.5876	-0.50000	0.0	0.0	0.0
	-16.00000	-15.00000	0.00000	-3.7818	-0.50000	0.0	0.0	0.0
	-15.00000	-15.00000	0.00000	-3.9847	-0.50000	0.0	0.0	0.0
	-14.00000	-15.00000	0.00000	-4.1966	-0.50000	0.0	0.0	0.0
	-13.00000	-15.00000	0.00000	-4.4175	-0.50000	0.0	0.0	0.0
	-12.00000	-15.00000	0.00000	-4.6474	-0.50000	0.0	0.0	0.0
	-11.00000	-15.00000	0.00000	-4.8865	-0.50000	0.0	0.0	0.0
	-10.00000	-15.00000	0.00000	-5.1345	-0.50000	0.0	0.0	0.0
	-9.00000	-15.00000	0.00000	-5.3912	-0.50000	0.0	0.0	0.0
	-8.00000	-15.00000	0.00000	-5.6564	-0.50000	0.0	0.0	0.0
	-7.00000	-15.00000	0.00000	-5.9296	-0.50000	0.0	0.0	0.0
	-6.00000	-15.00000	0.00000	-6.2102	-0.50000	0.0	0.0	0.0
	-5.00000	-15.00000	0.00000	-6.4975	-0.50000	0.0	0.0	0.0
	-4.00000	-15.00000	0.00000	-6.7905	-0.50000	0.0	0.0	0.0
	-3.00000	-15.00000	0.00000	-7.0881	-0.50000	0.0	0.0	0.0
	-2.00000	-15.00000	0.00000	-7.3891	-0.50000	0.0	0.0	0.0
	-1.00000	-15.00000	0.00000	-7.6920	-0.50000	0.0	0.0	0.0
	0.00000	-15.00000	0.00000	-7.9952	-0.50000	0.0	0.0	0.0
	1.00000	-15.00000	0.00000	-8.2970	-0.50000	0.0	0.0	0.0
	2.00000	-15.00000	0.00000	-8.5956	-0.50000	0.0	0.0	0.0
	3.00000	-15.00000	0.00000	-8.8890	-0.50000	0.0	0.0	0.0
	4.00000	-15.00000	0.00000	-9.1754	-0.50000	0.0	0.0	0.0
	5.00000	-15.00000	0.00000	-9.4530	-0.50000	0.0	0.0	0.0
	6.00000	-15.00000	0.00000	-9.7200	-0.50000	0.0	0.0	0.0
	7.00000	-15.00000	0.00000	-9.9746	-0.50000	0.0	0.0	0.0
	8.00000	-15.00000	0.00000	-10.215	-0.50000	0.0	0.0	0.0
	9.00000	-15.00000	0.00000	-10.441	-0.50000	0.0	0.0	0.0
	10.00000	-15.00000	0.00000	-10.650	-0.50000	0.0	0.0	0.0
	11.00000	-15.00000	0.00000	-10.842	-0.50000	0.0	0.0	0.0
	12.00000	-15.00000	0.00000	-11.016	-0.50000	0.0	0.0	0.0
	13.00000	-15.00000	0.00000	-11.170	-0.50000	0.0	0.0	0.0
	14.00000	-15.00000	0.00000	-11.305	-0.50000	0.0	0.0	0.0
	15.00000	-15.00000	0.00000	-11.419	-0.50000	0.0	0.0	0.0
	16.00000	-15.00000	0.00000	-11.513	-0.50000	0.0	0.0	0.0
	17.00000	-15.00000	0.00000	-11.586	-0.50000	0.0	0.0	0.0
	18.00000	-15.00000	0.00000	-11.638	-0.50000	0.0	0.0	0.0
	19.00000	-15.00000	0.00000	-11.668	-0.50000	0.0	0.0	0.0
	20.00000	-15.00000	0.00000	-11.677	-0.50000	0.0	0.0	0.0
	21.00000	-15.00000	0.00000	-11.665	-0.50000	0.0	0.0	0.0
	22.00000	-15.00000	0.00000	-11.631	-0.50000	0.0	0.0	0.0
	23.00000	-15.00000	0.00000	-11.577	-0.50000	0.0	0.0	0.0
	24.00000	-15.00000	0.00000	-11.501	-0.50000	0.0	0.0	0.0
	25.00000	-15.00000	0.00000	-11.404	-0.50000	0.0	0.0	0.0
	26.00000	-15.00000	0.00000	-11.287	-0.50000	0.0	0.0	0.0
	27.00000	-15.00000	0.00000	-11.149	-0.50000	0.0	0.0	0.0
	28.00000	-15.00000	0.00000	-10.992	-0.50000	0.0	0.0	0.0
	29.00000	-15.00000	0.00000	-10.816	-0.50000	0.0	0.0	0.0
	30.00000	-15.00000	0.00000	-10.622	-0.50000	0.0	0.0	0.0
	31.00000	-15.00000	0.00000	-10.410	-0.50000	0.0	0.0	0.0
	32.00000	-15.00000	0.00000	-10.182	-0.50000	0.0	0.0	0.0
	33.00000	-15.00000	0.00000	-9.9389	-0.50000	0.0	0.0	0.0
	34.00000	-15.00000	0.00000	-9.6822	-0.50000	0.0	0.0	0.0
	35.00000	-15.00000	0.00000	-9.4133	-0.50000	0.0	0.0	0.0
	36.00000	-15.00000	0.00000	-9.1340	-0.50000	0.0	0.0	0.0
	37.00000	-15.00000	0.00000	-8.8460	-0.50000	0.0	0.0	0.0
	38.00000	-15.00000	0.00000	-8.5512	-0.50000	0.0	0.0	0.0
	39.00000	-15.00000	0.00000	-8.2515	-0.50000	0.0	0.0	0.0
	40.00000	-15.00000	0.00000	-7.9486	-0.50000	0.0	0.0	0.0
	41.00000	-15.00000	0.00000	-7.6446	-0.50000	0.0	0.0	0.0
	42.00000	-15.00000	0.00000	-7.3411	-0.50000	0.0	0.0	0.0
	43.00000	-15.00000	0.00000	-7.0396	-0.50000	0.0	0.0	0.0
	44.00000	-15.00000	0.00000	-6.7417	-0.50000	0.0	0.0	0.0
	45.00000	-15.00000	0.00000	-6.4487	-0.50000	0.0	0.0	0.0
	46.00000	-15.00000	0.00000	-6.1615	-0.50000	0.0	0.0	0.0
	47.00000	-15.00000	0.00000	-5.8811	-0.50000	0.0	0.0	0.0
	48.00000	-15.00000	0.00000	-5.6084	-0.50000	0.0	0.0	0.0
	49.00000	-15.00000	0.00000	-5.3437	-0.50000	0.0	0.0	0.0
	50.00000	-15.00000	0.00000	-5.0876	-0.50000	0.0	0.0	0.0
	51.00000	-15.00000	0.00000	-4.8404	-0.50000	0.0	0.0	0.0
	52.00000	-15.00000	0.00000	-4.6023	-0.50000	0.0	0.0	0.0
	53.00000	-15.00000	0.00000	-4.3733	-0.50000	0.0	0.0	0.0
	54.00000	-15.00000	0.00000	-4.1534	-0.50000	0.0	0.0	0.0
	55.00000	-15.00000	0.00000	-3.9427	-0.50000	0.0	0.0	0.0
	56.00000	-15.00000	0.00000	-3.7410	-0.50000	0.0	0.0	0.0
	57.00000	-15.00000	0.00000	-3.5480	-0.50000	0.0	0.0	0.0
	58.00000	-15.00000	0.00000	-3.3637	-0.50000	0.0	0.0	0.0
	59.00000	-15.00000	0.00000	-3.1879	-0.50000	0.0	0.0	0.0
	60.00000	-15.00000	0.00000	-3.0201	-0.50000	0.0	0.0	0.0
	-20.00000	-14.00000	0.00000	-3.1894	-0.50000	0.0	0.0	0.0
	-19.00000	-14.00000	0.00000	-3.3689	-0.50000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-12.00000	-14.00000	0.00000	-4.8922	-0.50000	0.0	0.0	0.0
	-11.00000	-14.00000	0.00000	-5.1504	-0.50000	0.0	0.0	0.0
	-10.00000	-14.00000	0.00000	-5.4189	-0.50000	0.0	0.0	0.0
	-9.00000	-14.00000	0.00000	-5.6977	-0.50000	0.0	0.0	0.0
	-8.00000	-14.00000	0.00000	-5.9863	-0.50000	0.0	0.0	0.0
	-7.00000	-14.00000	0.00000	-6.2845	-0.50000	0.0	0.0	0.0
	-6.00000	-14.00000	0.00000	-6.5916	-0.50000	0.0	0.0	0.0
	-5.00000	-14.00000	0.00000	-6.9069	-0.50000	0.0	0.0	0.0
	-4.00000	-14.00000	0.00000	-7.2293	-0.50000	0.0	0.0	0.0
	-3.00000	-14.00000	0.00000	-7.5577	-0.50000	0.0	0.0	0.0
	-2.00000	-14.00000	0.00000	-7.8905	-0.50000	0.0	0.0	0.0
	-1.00000	-14.00000	0.00000	-8.2262	-0.50000	0.0	0.0	0.0
	0.00000	-14.00000	0.00000	-8.5629	-0.50000	0.0	0.0	0.0
	1.00000	-14.00000	0.00000	-8.8986	-0.50000	0.0	0.0	0.0
	2.00000	-14.00000	0.00000	-9.2310	-0.50000	0.0	0.0	0.0
	3.00000	-14.00000	0.00000	-9.5581	-0.50000	0.0	0.0	0.0
	4.00000	-14.00000	0.00000	-9.8775	-0.50000	0.0	0.0	0.0
	5.00000	-14.00000	0.00000	-10.187	-0.50000	0.0	0.0	0.0
	6.00000	-14.00000	0.00000	-10.485	-0.50000	0.0	0.0	0.0
	7.00000	-14.00000	0.00000	-10.768	-0.50000	0.0	0.0	0.0
	8.00000	-14.00000	0.00000	-11.037	-0.50000	0.0	0.0	0.0
	9.00000	-14.00000	0.00000	-11.288	-0.50000	0.0	0.0	0.0
	10.00000	-14.00000	0.00000	-11.520	-0.50000	0.0	0.0	0.0
	11.00000	-14.00000	0.00000	-11.733	-0.50000	0.0	0.0	0.0
	12.00000	-14.00000	0.00000	-11.926	-0.50000	0.0	0.0	0.0
	13.00000	-14.00000	0.00000	-12.097	-0.50000	0.0	0.0	0.0
	14.00000	-14.00000	0.00000	-12.246	-0.50000	0.0	0.0	0.0
	15.00000	-14.00000	0.00000	-12.372	-0.50000	0.0	0.0	0.0
	16.00000	-14.00000	0.00000	-12.476	-0.50000	0.0	0.0	0.0
	17.00000	-14.00000	0.00000	-12.557	-0.50000	0.0	0.0	0.0
	18.00000	-14.00000	0.00000	-12.614	-0.50000	0.0	0.0	0.0
	19.00000	-14.00000	0.00000	-12.648	-0.50000	0.0	0.0	0.0
	20.00000	-14.00000	0.00000	-12.658	-0.50000	0.0	0.0	0.0
	21.00000	-14.00000	0.00000	-12.644	-0.50000	0.0	0.0	0.0
	22.00000	-14.00000	0.00000	-12.607	-0.50000	0.0	0.0	0.0
	23.00000	-14.00000	0.00000	-12.547	-0.50000	0.0	0.0	0.0
	24.00000	-14.00000	0.00000	-12.463	-0.50000	0.0	0.0	0.0
	25.00000	-14.00000	0.00000	-12.356	-0.50000	0.0	0.0	0.0
	26.00000	-14.00000	0.00000	-12.226	-0.50000	0.0	0.0	0.0
	27.00000	-14.00000	0.00000	-12.074	-0.50000	0.0	0.0	0.0
	28.00000	-14.00000	0.00000	-11.900	-0.50000	0.0	0.0	0.0
	29.00000	-14.00000	0.00000	-11.705	-0.50000	0.0	0.0	0.0
	30.00000	-14.00000	0.00000	-11.489	-0.50000	0.0	0.0	0.0
	31.00000	-14.00000	0.00000	-11.254	-0.50000	0.0	0.0	0.0
	32.00000	-14.00000	0.00000	-11.000	-0.50000	0.0	0.0	0.0
	33.00000	-14.00000	0.00000	-10.729	-0.50000	0.0	0.0	0.0
	34.00000	-14.00000	0.00000	-10.443	-0.50000	0.0	0.0	0.0
	35.00000	-14.00000	0.00000	-10.144	-0.50000	0.0	0.0	0.0
	36.00000	-14.00000	0.00000	-9.8321	-0.50000	0.0	0.0	0.0
	37.00000	-14.00000	0.00000	-9.5110	-0.50000	0.0	0.0	0.0
	38.00000	-14.00000	0.00000	-9.1825	-0.50000	0.0	0.0	0.0
	39.00000	-14.00000	0.00000	-8.8487	-0.50000	0.0	0.0	0.0
	40.00000	-14.00000	0.00000	-8.5120	-0.50000	0.0	0.0	0.0
	41.00000	-14.00000	0.00000	-8.1744	-0.50000	0.0	0.0	0.0
	42.00000	-14.00000	0.00000	-7.8380	-0.50000	0.0	0.0	0.0
	43.00000	-14.00000	0.00000	-7.5047	-0.50000	0.0	0.0	0.0
	44.00000	-14.00000	0.00000	-7.1761	-0.50000	0.0	0.0	0.0
	45.00000	-14.00000	0.00000	-6.8537	-0.50000	0.0	0.0	0.0
	46.00000	-14.00000	0.00000	-6.5386	-0.50000	0.0	0.0	0.0
	47.00000	-14.00000	0.00000	-6.2318	-0.50000	0.0	0.0	0.0
	48.00000	-14.00000	0.00000	-5.9341	-0.50000	0.0	0.0	0.0
	49.00000	-14.00000	0.00000	-5.6460	-0.50000	0.0	0.0	0.0
	50.00000	-14.00000	0.00000	-5.3681	-0.50000	0.0	0.0	0.0
	51.00000	-14.00000	0.00000	-5.1005	-0.50000	0.0	0.0	0.0
	52.00000	-14.00000	0.00000	-4.8433	-0.50000	0.0	0.0	0.0
	53.00000	-14.00000	0.00000	-4.5967	-0.50000	0.0	0.0	0.0
	54.00000	-14.00000	0.00000	-4.3604	-0.50000	0.0	0.0	0.0
	55.00000	-14.00000	0.00000	-4.1345	-0.50000	0.0	0.0	0.0
	56.00000	-14.00000	0.00000	-3.9187	-0.50000	0.0	0.0	0.0
	57.00000	-14.00000	0.00000	-3.7127	-0.50000	0.0	0.0	0.0
	58.00000	-14.00000	0.00000	-3.5163	-0.50000	0.0	0.0	0.0
	59.00000	-14.00000	0.00000	-3.3293	-0.50000	0.0	0.0	0.0
	60.00000	-14.00000	0.00000	-3.1512	-0.50000	0.0	0.0	0.0
	-20.00000	-13.00000	0.00000	-3.3262	-0.50000	0.0	0.0	0.0
	-19.00000	-13.00000	0.00000	-3.5167	-0.50000	0.0	0.0	0.0
	-18.00000	-13.00000	0.00000	-3.7171	-0.50000	0.0	0.0	0.0
	-17.00000	-13.00000	0.00000	-3.9278	-0.50000	0.0	0.0	0.0
	-16.00000	-13.00000	0.00000	-4.1491	-0.50000	0.0	0.0	0.0
	-15.00000	-13.00000	0.00000	-4.3814	-0.50000	0.0	0.0	0.0
	-14.00000	-13.00000	0.00000	-4.6250	-0.50000	0.0	0.0	0.0
	-13.00000	-13.00000	0.00000	-4.8801	-0.50000	0.0	0.0	0.0
	-12.00000	-13.00000	0.00000	-5.1471	-0.50000	0.0	0.0	0.0
	-11.00000	-13.00000	0.00000	-5.4259	-0.50000	0.0	0.0	0.0
	-10.00000	-13.00000	0.00000	-5.7167	-0.50000	0.0	0.0	0.0
	-9.00000	-13.00000	0.00000	-6.0195	-0.50000	0.0	0.0	0.0
	-8.00000	-13.00000	0.00000	-6.3339	-0.50000	0.0	0.0	0.0
	-7.00000	-13.00000	0.00000	-6.6596	-0.50000	0.0	0.0	0.0
	-6.00000	-13.00000	0.00000	-6.9961	-0.50000	0.0	0.0	0.0
	-5.00000	-13.00000	0.00000	-7.3426	-0.50000	0.0	0.0	0.0
	-4.00000	-13.00000	0.00000	-7.6980	-0.50000	0.0	0.0	0.0
	-3.00000	-13.00000	0.00000	-8.0610	-0.50000	0.0	0.0	0.0
	-2.00000	-13.00000	0.00000	-8.4299	-0.50000	0.0	0.0	0.0
	-1.00000	-13.00000	0.00000	-8.8029	-0.50000	0.0	0.0	0.0
	0.00000	-13.00000	0.00000	-9.1778	-0.50000	0.0	0.0	0.0
	1.00000	-13.00000	0.00000	-9.5522	-0.50000	0.0	0.0	0.0
	2.00000	-13.00000	0.00000	-9.9235	-0.50000	0.0	0.0	0.0
	3.00000	-13.00000	0.00000	-10.289	-0.50000	0.0	0.0	0.0
	4.00000	-13.00000	0.00000	-10.646	-0.50000	0.0	0.0	0.0
	5.00000	-13.00000	0.00000	-10.993	-0.50000	0.0	0.0	0.0
	6.00000	-13.00000	0.00000	-11.325	-0.50000	0.0	0.0	0.0
	7.00000	-13.00000	0.00000	-11.642	-0.50000	0.0	0.0	0.0
	8.00000	-13.00000	0.00000	-11.942	-0.50000	0.0	0.0	0.0
	9.00000	-13.00000	0.00000	-12.222	-0.50000	0.0	0.0	0.0
	10.00000	-13.00000	0.00000	-12.481	-0.50000	0.0	0.0	0.0
	11.00000	-13.00000	0.00000	-12.717	-0.50000	0.0	0.0	0.0
	12.00000	-13.00000	0.00000	-12.931	-0.50000	0.0	0.0	0.0
	13.00000	-13.00000	0.00000	-13.121	-0.50000	0.0	0.0	0.0
	14.00000	-13.00000	0.00000	-13.286	-0.50000	0.0	0.0	0.0
	15.00000	-13.00000	0.00000	-13.426	-0.50000	0.0	0.0	0.0
	16.00000	-13.00000	0.00000	-13.541	-0.50000	0.0	0.0	0.0
	17.00000	-13.00000	0.00000	-13.630	-0.50000	0.0	0.0	0.0
	18.00000	-13.00000	0.00000	-13.693	-0.50000	0.0	0.0	0.0
	19.00000	-13.00000	0.00000	-13.730	-0.50000	0.0	0.0	0.0
	20.00000	-13.00000	0.00000	-13.741	-0.50000	0.0	0.0	0.0
	21.00000	-13.00000	0.00000	-13.726	-0.50000	0.0	0.0	0.0
	22.00000	-13.00000	0.00000	-13.685	-0.50000	0.0	0.0	0.0
	23.00000	-13.00000	0.00000	-13.619	-0.50000	0.0	0.0	0.0
	24.00000	-13.00000	0.00000	-13.526	-0.50000	0.0	0.0	0.0
	25.00000	-13.00000	0.00000	-13.408	-0.50000	0.0	0.0	0.0
	26.00000	-13.00000	0.00000	-13.264	-0.50000	0.0	0.0	0.0
	27.00000	-13.00000	0.00000	-13.096	-0.50000	0.0	0.0	0.0
	28.00000	-13.00000	0.00000	-12.903	-0.50000	0.0	0.0	0.0
	29.00000	-13.00000	0.00000	-12.686	-0.50000	0.0	0.0	0.0
	30.00000	-13.00000	0.00000	-12.446	-0.50000	0.0	0.0	0.0
	31.00000	-13.00000	0.00000	-12.184	-0.50000	0.0	0.0	0.0
	32.00000	-13.00000	0.00000	-11.901	-0.50000	0.0	0.0	0.0
	33.00000	-13.00000	0.00000	-11.599	-0.50000	0.0	0.0	0.0
	34.00000	-13.00000	0.00000	-11.280	-0.50000	0.0	0.0	0.0
	35.00000	-13.00000	0.00000	-10.945	-0.50000	0.0	0.0	0.0
	36.00000	-13.00000	0.00000	-10.597	-0.50000	0.0	0.0	0.0
	37.00000	-13.00000	0.00000	-10.237	-0.50000	0.0	0.0	0.0
	38.00000	-13.00000	0.00000	-9.8702	-0.50000	0.0	0.0	0.0
	39.00000	-13.00000	0.00000	-9.4975	-0.50000	0.0	0.0	0.0
	40.00000	-13.00000	0.00000	-9.1219	-0.50000	0.0	0.0	0.0
	41.00000	-13.00000	0.00000	-8.7461	-0.50000	0.0	0.0	0.0
	42.00000	-13.00000	0.00000	-8.3724	-0.50000	0.0	0.0	0.0
	43.00000	-13.00000	0.00000	-8.0031	-0.50000	0.0	0.0	0.0
	44.00000	-13.00000	0.00000	-7.6399	-0.50000	0.0	0.0	0.0
	45.00000	-13.00000	0.00000	-7.2845	-0.50000	0.0	0.0	0.0
	46.00000	-13.00000	0.00000	-6.9382	-0.50000	0.0	0.0	0.0
	47.00000	-13.00000	0.00000	-6.6022	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	48.00000	-13.00000	0.00000	-6.2770	-0.50000	0.0	0.0	0.0
	49.00000	-13.00000	0.00000	-5.9634	-0.50000	0.0	0.0	0.0
	50.00000	-13.00000	0.00000	-5.6616	-0.50000	0.0	0.0	0.0
	51.00000	-13.00000	0.00000	-5.3718	-0.50000	0.0	0.0	0.0
	52.00000	-13.00000	0.00000	-5.0942	-0.50000	0.0	0.0	0.0
	53.00000	-13.00000	0.00000	-4.8286	-0.50000	0.0	0.0	0.0
	54.00000	-13.00000	0.00000	-4.5748	-0.50000	0.0	0.0	0.0
	55.00000	-13.00000	0.00000	-4.3327	-0.50000	0.0	0.0	0.0
	56.00000	-13.00000	0.00000	-4.1019	-0.50000	0.0	0.0	0.0
	57.00000	-13.00000	0.00000	-3.8821	-0.50000	0.0	0.0	0.0
	58.00000	-13.00000	0.00000	-3.6730	-0.50000	0.0	0.0	0.0
	59.00000	-13.00000	0.00000	-3.4742	-0.50000	0.0	0.0	0.0
	60.00000	-13.00000	0.00000	-3.2854	-0.50000	0.0	0.0	0.0
	-20.00000	-12.00000	0.00000	-3.4660	-0.50000	0.0	0.0	0.0
	-19.00000	-12.00000	0.00000	-3.6680	-0.50000	0.0	0.0	0.0
	-18.00000	-12.00000	0.00000	-3.8809	-0.50000	0.0	0.0	0.0
	-17.00000	-12.00000	0.00000	-4.1051	-0.50000	0.0	0.0	0.0
	-16.00000	-12.00000	0.00000	-4.3412	-0.50000	0.0	0.0	0.0
	-15.00000	-12.00000	0.00000	-4.5895	-0.50000	0.0	0.0	0.0
	-14.00000	-12.00000	0.00000	-4.8505	-0.50000	0.0	0.0	0.0
	-13.00000	-12.00000	0.00000	-5.1246	-0.50000	0.0	0.0	0.0
	-12.00000	-12.00000	0.00000	-5.4120	-0.50000	0.0	0.0	0.0
	-11.00000	-12.00000	0.00000	-5.7132	-0.50000	0.0	0.0	0.0
	-10.00000	-12.00000	0.00000	-6.0281	-0.50000	0.0	0.0	0.0
	-9.00000	-12.00000	0.00000	-6.3570	-0.50000	0.0	0.0	0.0
	-8.00000	-12.00000	0.00000	-6.6996	-0.50000	0.0	0.0	0.0
	-7.00000	-12.00000	0.00000	-7.0557	-0.50000	0.0	0.0	0.0
	-6.00000	-12.00000	0.00000	-7.4248	-0.50000	0.0	0.0	0.0
	-5.00000	-12.00000	0.00000	-7.8061	-0.50000	0.0	0.0	0.0
	-4.00000	-12.00000	0.00000	-8.1986	-0.50000	0.0	0.0	0.0
	-3.00000	-12.00000	0.00000	-8.6007	-0.50000	0.0	0.0	0.0
	-2.00000	-12.00000	0.00000	-9.0106	-0.50000	0.0	0.0	0.0
	-1.00000	-12.00000	0.00000	-9.4262	-0.50000	0.0	0.0	0.0
	0.00000	-12.00000	0.00000	-9.8450	-0.50000	0.0	0.0	0.0
	1.00000	-12.00000	0.00000	-10.264	-0.50000	0.0	0.0	0.0
	2.00000	-12.00000	0.00000	-10.680	-0.50000	0.0	0.0	0.0
	3.00000	-12.00000	0.00000	-11.090	-0.50000	0.0	0.0	0.0
	4.00000	-12.00000	0.00000	-11.491	-0.50000	0.0	0.0	0.0
	5.00000	-12.00000	0.00000	-11.880	-0.50000	0.0	0.0	0.0
	6.00000	-12.00000	0.00000	-12.253	-0.50000	0.0	0.0	0.0
	7.00000	-12.00000	0.00000	-12.608	-0.50000	0.0	0.0	0.0
	8.00000	-12.00000	0.00000	-12.943	-0.50000	0.0	0.0	0.0
	9.00000	-12.00000	0.00000	-13.255	-0.50000	0.0	0.0	0.0
	10.00000	-12.00000	0.00000	-13.544	-0.50000	0.0	0.0	0.0
	11.00000	-12.00000	0.00000	-13.808	-0.50000	0.0	0.0	0.0
	12.00000	-12.00000	0.00000	-14.045	-0.50000	0.0	0.0	0.0
	13.00000	-12.00000	0.00000	-14.256	-0.50000	0.0	0.0	0.0
	14.00000	-12.00000	0.00000	-14.439	-0.50000	0.0	0.0	0.0
	15.00000	-12.00000	0.00000	-14.594	-0.50000	0.0	0.0	0.0
	16.00000	-12.00000	0.00000	-14.720	-0.50000	0.0	0.0	0.0
	17.00000	-12.00000	0.00000	-14.819	-0.50000	0.0	0.0	0.0
	18.00000	-12.00000	0.00000	-14.888	-0.50000	0.0	0.0	0.0
	19.00000	-12.00000	0.00000	-14.929	-0.50000	0.0	0.0	0.0
	20.00000	-12.00000	0.00000	-14.942	-0.50000	0.0	0.0	0.0
	21.00000	-12.00000	0.00000	-14.926	-0.50000	0.0	0.0	0.0
	22.00000	-12.00000	0.00000	-14.880	-0.50000	0.0	0.0	0.0
	23.00000	-12.00000	0.00000	-14.807	-0.50000	0.0	0.0	0.0
	24.00000	-12.00000	0.00000	-14.705	-0.50000	0.0	0.0	0.0
	25.00000	-12.00000	0.00000	-14.574	-0.50000	0.0	0.0	0.0
	26.00000	-12.00000	0.00000	-14.415	-0.50000	0.0	0.0	0.0
	27.00000	-12.00000	0.00000	-14.228	-0.50000	0.0	0.0	0.0
	28.00000	-12.00000	0.00000	-14.014	-0.50000	0.0	0.0	0.0
	29.00000	-12.00000	0.00000	-13.773	-0.50000	0.0	0.0	0.0
	30.00000	-12.00000	0.00000	-13.506	-0.50000	0.0	0.0	0.0
	31.00000	-12.00000	0.00000	-13.214	-0.50000	0.0	0.0	0.0
	32.00000	-12.00000	0.00000	-12.899	-0.50000	0.0	0.0	0.0
	33.00000	-12.00000	0.00000	-12.561	-0.50000	0.0	0.0	0.0
	34.00000	-12.00000	0.00000	-12.203	-0.50000	0.0	0.0	0.0
	35.00000	-12.00000	0.00000	-11.827	-0.50000	0.0	0.0	0.0
	36.00000	-12.00000	0.00000	-11.437	-0.50000	0.0	0.0	0.0
	37.00000	-12.00000	0.00000	-11.034	-0.50000	0.0	0.0	0.0
	38.00000	-12.00000	0.00000	-10.622	-0.50000	0.0	0.0	0.0
	39.00000	-12.00000	0.00000	-10.204	-0.50000	0.0	0.0	0.0
	40.00000	-12.00000	0.00000	-9.7837	-0.50000	0.0	0.0	0.0
	41.00000	-12.00000	0.00000	-9.3640	-0.50000	0.0	0.0	0.0
	42.00000	-12.00000	0.00000	-8.9477	-0.50000	0.0	0.0	0.0
	43.00000	-12.00000	0.00000	-8.5373	-0.50000	0.0	0.0	0.0
	44.00000	-12.00000	0.00000	-8.1350	-0.50000	0.0	0.0	0.0
	45.00000	-12.00000	0.00000	-7.7426	-0.50000	0.0	0.0	0.0
	46.00000	-12.00000	0.00000	-7.3616	-0.50000	0.0	0.0	0.0
	47.00000	-12.00000	0.00000	-6.9931	-0.50000	0.0	0.0	0.0
	48.00000	-12.00000	0.00000	-6.6377	-0.50000	0.0	0.0	0.0
	49.00000	-12.00000	0.00000	-6.2960	-0.50000	0.0	0.0	0.0
	50.00000	-12.00000	0.00000	-5.9682	-0.50000	0.0	0.0	0.0
	51.00000	-12.00000	0.00000	-5.6545	-0.50000	0.0	0.0	0.0
	52.00000	-12.00000	0.00000	-5.3548	-0.50000	0.0	0.0	0.0
	53.00000	-12.00000	0.00000	-5.0688	-0.50000	0.0	0.0	0.0
	54.00000	-12.00000	0.00000	-4.7963	-0.50000	0.0	0.0	0.0
	55.00000	-12.00000	0.00000	-4.5370	-0.50000	0.0	0.0	0.0
	56.00000	-12.00000	0.00000	-4.2904	-0.50000	0.0	0.0	0.0
	57.00000	-12.00000	0.00000	-4.0561	-0.50000	0.0	0.0	0.0
	58.00000	-12.00000	0.00000	-3.8336	-0.50000	0.0	0.0	0.0
	59.00000	-12.00000	0.00000	-3.6225	-0.50000	0.0	0.0	0.0
	60.00000	-12.00000	0.00000	-3.4224	-0.50000	0.0	0.0	0.0
	-20.00000	-11.00000	0.00000	-3.6086	-0.50000	0.0	0.0	0.0
	-19.00000	-11.00000	0.00000	-3.8226	-0.50000	0.0	0.0	0.0
	-18.00000	-11.00000	0.00000	-4.0485	-0.50000	0.0	0.0	0.0
	-17.00000	-11.00000	0.00000	-4.2870	-0.50000	0.0	0.0	0.0
	-16.00000	-11.00000	0.00000	-4.5386	-0.50000	0.0	0.0	0.0
	-15.00000	-11.00000	0.00000	-4.8038	-0.50000	0.0	0.0	0.0
	-14.00000	-11.00000	0.00000	-5.0833	-0.50000	0.0	0.0	0.0
	-13.00000	-11.00000	0.00000	-5.3775	-0.50000	0.0	0.0	0.0
	-12.00000	-11.00000	0.00000	-5.6869	-0.50000	0.0	0.0	0.0
	-11.00000	-11.00000	0.00000	-6.0120	-0.50000	0.0	0.0	0.0
	-10.00000	-11.00000	0.00000	-6.3531	-0.50000	0.0	0.0	0.0
	-9.00000	-11.00000	0.00000	-6.7104	-0.50000	0.0	0.0	0.0
	-8.00000	-11.00000	0.00000	-7.0839	-0.50000	0.0	0.0	0.0
	-7.00000	-11.00000	0.00000	-7.4735	-0.50000	0.0	0.0	0.0
	-6.00000	-11.00000	0.00000	-7.8788	-0.50000	0.0	0.0	0.0
	-5.00000	-11.00000	0.00000	-8.2991	-0.50000	0.0	0.0	0.0
	-4.00000	-11.00000	0.00000	-8.7333	-0.50000	0.0	0.0	0.0
	-3.00000	-11.00000	0.00000	-9.1798	-0.50000	0.0	0.0	0.0
	-2.00000	-11.00000	0.00000	-9.6366	-0.50000	0.0	0.0	0.0
	-1.00000	-11.00000	0.00000	-10.101	-0.50000	0.0	0.0	0.0
	0.00000	-11.00000	0.00000	-10.571	-0.50000	0.0	0.0	0.0
	1.00000	-11.00000	0.00000	-11.041	-0.50000	0.0	0.0	0.0
	2.00000	-11.00000	0.00000	-11.510	-0.50000	0.0	0.0	0.0
	3.00000	-11.00000	0.00000	-11.972	-0.50000	0.0	0.0	0.0
	4.00000	-11.00000	0.00000	-12.423	-0.50000	0.0	0.0	0.0
	5.00000	-11.00000	0.00000	-12.861	-0.50000	0.0	0.0	0.0
	6.00000	-11.00000	0.00000	-13.281	-0.50000	0.0	0.0	0.0
	7.00000	-11.00000	0.00000	-13.680	-0.50000	0.0	0.0	0.0
	8.00000	-11.00000	0.00000	-14.055	-0.50000	0.0	0.0	0.0
	9.00000	-11.00000	0.00000	-14.405	-0.50000	0.0	0.0	0.0
	10.00000	-11.00000	0.00000	-14.727	-0.50000	0.0	0.0	0.0
	11.00000	-11.00000	0.00000	-15.021	-0.50000	0.0	0.0	0.0
	12.00000	-11.00000	0.00000	-15.285	-0.50000	0.0	0.0	0.0
	13.00000	-11.00000	0.00000	-15.519	-0.50000	0.0	0.0	0.0
	14.00000	-11.00000	0.00000	-15.722	-0.50000	0.0	0.0	0.0
	15.00000	-11.00000	0.00000	-15.893	-0.50000	0.0	0.0	0.0
	16.00000	-11.00000	0.00000	-16.033	-0.50000	0.0	0.0	0.0
	17.00000	-11.00000	0.00000	-16.142	-0.50000	0.0	0.0	0.0
	18.00000	-11.00000	0.00000	-16.219	-0.50000	0.0	0.0	0.0
	19.00000	-11.00000	0.00000	-16.264	-0.50000	0.0	0.0	0.0
	20.00000	-11.00000	0.00000	-16.278	-0.50000	0.0	0.0	0.0
	21.00000	-11.00000	0.00000	-16.

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	27.00000	-11.00000	0.00000	-15.489	-0.50000	0.0	0.0	0.0
	28.00000	-11.00000	0.00000	-15.251	-0.50000	0.0	0.0	0.0
	29.00000	-11.00000	0.00000	-14.983	-0.50000	0.0	0.0	0.0
	30.00000	-11.00000	0.00000	-14.686	-0.50000	0.0	0.0	0.0
	31.00000	-11.00000	0.00000	-14.360	-0.50000	0.0	0.0	0.0
	32.00000	-11.00000	0.00000	-14.006	-0.50000	0.0	0.0	0.0
	33.00000	-11.00000	0.00000	-13.628	-0.50000	0.0	0.0	0.0
	34.00000	-11.00000	0.00000	-13.226	-0.50000	0.0	0.0	0.0
	35.00000	-11.00000	0.00000	-12.803	-0.50000	0.0	0.0	0.0
	36.00000	-11.00000	0.00000	-12.363	-0.50000	0.0	0.0	0.0
	37.00000	-11.00000	0.00000	-11.909	-0.50000	0.0	0.0	0.0
	38.00000	-11.00000	0.00000	-11.445	-0.50000	0.0	0.0	0.0
	39.00000	-11.00000	0.00000	-10.975	-0.50000	0.0	0.0	0.0
	40.00000	-11.00000	0.00000	-10.503	-0.50000	0.0	0.0	0.0
	41.00000	-11.00000	0.00000	-10.033	-0.50000	0.0	0.0	0.0
	42.00000	-11.00000	0.00000	-9.5675	-0.50000	0.0	0.0	0.0
	43.00000	-11.00000	0.00000	-9.1103	-0.50000	0.0	0.0	0.0
	44.00000	-11.00000	0.00000	-8.6636	-0.50000	0.0	0.0	0.0
	45.00000	-11.00000	0.00000	-8.2296	-0.50000	0.0	0.0	0.0
	46.00000	-11.00000	0.00000	-7.8098	-0.50000	0.0	0.0	0.0
	47.00000	-11.00000	0.00000	-7.4051	-0.50000	0.0	0.0	0.0
	48.00000	-11.00000	0.00000	-7.0164	-0.50000	0.0	0.0	0.0
	49.00000	-11.00000	0.00000	-6.6440	-0.50000	0.0	0.0	0.0
	50.00000	-11.00000	0.00000	-6.2880	-0.50000	0.0	0.0	0.0
	51.00000	-11.00000	0.00000	-5.9484	-0.50000	0.0	0.0	0.0
	52.00000	-11.00000	0.00000	-5.6249	-0.50000	0.0	0.0	0.0
	53.00000	-11.00000	0.00000	-5.3172	-0.50000	0.0	0.0	0.0
	54.00000	-11.00000	0.00000	-5.0248	-0.50000	0.0	0.0	0.0
	55.00000	-11.00000	0.00000	-4.7472	-0.50000	0.0	0.0	0.0
	56.00000	-11.00000	0.00000	-4.4839	-0.50000	0.0	0.0	0.0
	57.00000	-11.00000	0.00000	-4.2343	-0.50000	0.0	0.0	0.0
	58.00000	-11.00000	0.00000	-3.9978	-0.50000	0.0	0.0	0.0
	59.00000	-11.00000	0.00000	-3.7739	-0.50000	0.0	0.0	0.0
	60.00000	-11.00000	0.00000	-3.5619	-0.50000	0.0	0.0	0.0
	-20.00000	-10.00000	0.00000	-3.7536	-0.50000	0.0	0.0	0.0
	-19.00000	-10.00000	0.00000	-3.9800	-0.50000	0.0	0.0	0.0
	-18.00000	-10.00000	0.00000	-4.2196	-0.50000	0.0	0.0	0.0
	-17.00000	-10.00000	0.00000	-4.4730	-0.50000	0.0	0.0	0.0
	-16.00000	-10.00000	0.00000	-4.7408	-0.50000	0.0	0.0	0.0
	-15.00000	-10.00000	0.00000	-5.0239	-0.50000	0.0	0.0	0.0
	-14.00000	-10.00000	0.00000	-5.3229	-0.50000	0.0	0.0	0.0
	-13.00000	-10.00000	0.00000	-5.6386	-0.50000	0.0	0.0	0.0
	-12.00000	-10.00000	0.00000	-5.9715	-0.50000	0.0	0.0	0.0
	-11.00000	-10.00000	0.00000	-6.3223	-0.50000	0.0	0.0	0.0
	-10.00000	-10.00000	0.00000	-6.6916	-0.50000	0.0	0.0	0.0
	-9.00000	-10.00000	0.00000	-7.0798	-0.50000	0.0	0.0	0.0
	-8.00000	-10.00000	0.00000	-7.4871	-0.50000	0.0	0.0	0.0
	-7.00000	-10.00000	0.00000	-7.9136	-0.50000	0.0	0.0	0.0
	-6.00000	-10.00000	0.00000	-8.3591	-0.50000	0.0	0.0	0.0
	-5.00000	-10.00000	0.00000	-8.8231	-0.50000	0.0	0.0	0.0
	-4.00000	-10.00000	0.00000	-9.3043	-0.50000	0.0	0.0	0.0
	-3.00000	-10.00000	0.00000	-9.8014	-0.50000	0.0	0.0	0.0
	-2.00000	-10.00000	0.00000	-10.312	-0.50000	0.0	0.0	0.0
	-1.00000	-10.00000	0.00000	-10.833	-0.50000	0.0	0.0	0.0
	0.00000	-10.00000	0.00000	-11.362	-0.50000	0.0	0.0	0.0
	1.00000	-10.00000	0.00000	-11.893	-0.50000	0.0	0.0	0.0
	2.00000	-10.00000	0.00000	-12.423	-0.50000	0.0	0.0	0.0
	3.00000	-10.00000	0.00000	-12.946	-0.50000	0.0	0.0	0.0
	4.00000	-10.00000	0.00000	-13.457	-0.50000	0.0	0.0	0.0
	5.00000	-10.00000	0.00000	-13.952	-0.50000	0.0	0.0	0.0
	6.00000	-10.00000	0.00000	-14.426	-0.50000	0.0	0.0	0.0
	7.00000	-10.00000	0.00000	-14.875	-0.50000	0.0	0.0	0.0
	8.00000	-10.00000	0.00000	-15.297	-0.50000	0.0	0.0	0.0
	9.00000	-10.00000	0.00000	-15.690	-0.50000	0.0	0.0	0.0
	10.00000	-10.00000	0.00000	-16.050	-0.50000	0.0	0.0	0.0
	11.00000	-10.00000	0.00000	-16.378	-0.50000	0.0	0.0	0.0
	12.00000	-10.00000	0.00000	-16.672	-0.50000	0.0	0.0	0.0
	13.00000	-10.00000	0.00000	-16.931	-0.50000	0.0	0.0	0.0
	14.00000	-10.00000	0.00000	-17.156	-0.50000	0.0	0.0	0.0
	15.00000	-10.00000	0.00000	-17.345	-0.50000	0.0	0.0	0.0
	16.00000	-10.00000	0.00000	-17.500	-0.50000	0.0	0.0	0.0
	17.00000	-10.00000	0.00000	-17.620	-0.50000	0.0	0.0	0.0
	18.00000	-10.00000	0.00000	-17.705	-0.50000	0.0	0.0	0.0
	19.00000	-10.00000	0.00000	-17.755	-0.50000	0.0	0.0	0.0
	20.00000	-10.00000	0.00000	-17.770	-0.50000	0.0	0.0	0.0
	21.00000	-10.00000	0.00000	-17.750	-0.50000	0.0	0.0	0.0
	22.00000	-10.00000	0.00000	-17.695	-0.50000	0.0	0.0	0.0
	23.00000	-10.00000	0.00000	-17.606	-0.50000	0.0	0.0	0.0
	24.00000	-10.00000	0.00000	-17.481	-0.50000	0.0	0.0	0.0
	25.00000	-10.00000	0.00000	-17.322	-0.50000	0.0	0.0	0.0
	26.00000	-10.00000	0.00000	-17.128	-0.50000	0.0	0.0	0.0
	27.00000	-10.00000	0.00000	-16.898	-0.50000	0.0	0.0	0.0
	28.00000	-10.00000	0.00000	-16.635	-0.50000	0.0	0.0	0.0
	29.00000	-10.00000	0.00000	-16.336	-0.50000	0.0	0.0	0.0
	30.00000	-10.00000	0.00000	-16.005	-0.50000	0.0	0.0	0.0
	31.00000	-10.00000	0.00000	-15.640	-0.50000	0.0	0.0	0.0
	32.00000	-10.00000	0.00000	-15.244	-0.50000	0.0	0.0	0.0
	33.00000	-10.00000	0.00000	-14.818	-0.50000	0.0	0.0	0.0
	34.00000	-10.00000	0.00000	-14.365	-0.50000	0.0	0.0	0.0
	35.00000	-10.00000	0.00000	-13.888	-0.50000	0.0	0.0	0.0
	36.00000	-10.00000	0.00000	-13.391	-0.50000	0.0	0.0	0.0
	37.00000	-10.00000	0.00000	-12.877	-0.50000	0.0	0.0	0.0
	38.00000	-10.00000	0.00000	-12.352	-0.50000	0.0	0.0	0.0
	39.00000	-10.00000	0.00000	-11.821	-0.50000	0.0	0.0	0.0
	40.00000	-10.00000	0.00000	-11.288	-0.50000	0.0	0.0	0.0
	41.00000	-10.00000	0.00000	-10.758	-0.50000	0.0	0.0	0.0
	42.00000	-10.00000	0.00000	-10.236	-0.50000	0.0	0.0	0.0
	43.00000	-10.00000	0.00000	-9.7252	-0.50000	0.0	0.0	0.0
	44.00000	-10.00000	0.00000	-9.2280	-0.50000	0.0	0.0	0.0
	45.00000	-10.00000	0.00000	-8.7470	-0.50000	0.0	0.0	0.0
	46.00000	-10.00000	0.00000	-8.2836	-0.50000	0.0	0.0	0.0
	47.00000	-10.00000	0.00000	-7.8389	-0.50000	0.0	0.0	0.0
	48.00000	-10.00000	0.00000	-7.4135	-0.50000	0.0	0.0	0.0
	49.00000	-10.00000	0.00000	-7.0075	-0.50000	0.0	0.0	0.0
	50.00000	-10.00000	0.00000	-6.6208	-0.50000	0.0	0.0	0.0
	51.00000	-10.00000	0.00000	-6.2533	-0.50000	0.0	0.0	0.0
	52.00000	-10.00000	0.00000	-5.9043	-0.50000	0.0	0.0	0.0
	53.00000	-10.00000	0.00000	-5.5733	-0.50000	0.0	0.0	0.0
	54.00000	-10.00000	0.00000	-5.2598	-0.50000	0.0	0.0	0.0
	55.00000	-10.00000	0.00000	-4.9629	-0.50000	0.0	0.0	0.0
	56.00000	-10.00000	0.00000	-4.6820	-0.50000	0.0	0.0	0.0
	57.00000	-10.00000	0.00000	-4.4164	-0.50000	0.0	0.0	0.0
	58.00000	-10.00000	0.00000	-4.1652	-0.50000	0.0	0.0	0.0
	59.00000	-10.00000	0.00000	-3.9279	-0.50000	0.0	0.0	0.0
	60.00000	-10.00000	0.00000	-3.7037	-0.50000	0.0	0.0	0.0
	-20.00000	-9.00000	0.00000	-3.9007	-0.50000	0.0	0.0	0.0
	-19.00000	-9.00000	0.00000	-4.1400	-0.50000	0.0	0.0	0.0
	-18.00000	-9.00000	0.00000	-4.3937	-0.50000	0.0	0.0	0.0
	-17.00000	-9.00000	0.00000	-4.6626	-0.50000	0.0	0.0	0.0
	-16.00000	-9.00000	0.00000	-4.9476	-0.50000	0.0	0.0	0.0
	-15.00000	-9.00000	0.00000	-5.2494	-0.50000	0.0	0.0	0.0
	-14.00000	-9.00000	0.00000	-5.5690	-0.50000	0.0	0.0	0.0
	-13.00000	-9.00000	0.00000	-5.9074	-0.50000	0.0	0.0	0.0
	-12.00000	-9.00000	0.00000	-6.2653	-0.50000	0.0	0.0	0.0
	-11.00000	-9.00000	0.00000	-6.6437	-0.50000	0.0	0.0	0.0
	-10.00000	-9.00000	0.00000	-7.0433	-0.50000	0.0	0.0	0.0
	-9.00000	-9.00000	0.00000	-7.4650	-0.50000	0.0	0.0	0.0
	-8.00000	-9.00000	0.00000	-7.9092	-0.50000	0.0	0.0	0.0
	-7.00000	-9.00000	0.00000	-8.3764	-0.50000	0.0	0.0	0.0
	-6.00000	-9.00000	0.00000	-8.8666	-0.50000	0.0	0.0	0.0
	-5.00000	-9.00000	0.00000	-9.3794	-0.50000	0.0	0.0	0.0
	-4.00000	-9.00000	0.00000	-9.9141	-0.50000	0.0	0.0	0.0
	-3.00000	-9.00000	0.00000	-10.469	-0.50000	0.0	0.0	0.0
	-2.00000	-9.00000	0.00000	-11.042	-0.50000	0.0	0.0	0.0
	-1.00000	-9.00000	0.00000	-11.629	-0.50000	0.0	0.0	0.0
	0.00000	-9.00000	0.00000	-12.227	-0.50000	0.0	0.0	0.0
	1.00000	-9.00000	0.00000	-12.830	-0.50000	0.0	0.0	0.0
	2.00000	-9.00000	0.00000	-13.432	-0.50000	0.0	0.0	0.0
	3.00000	-9.00000	0.00000	-14.027	-0.50000	0.0	0.0	0.0
	4.00000	-9.00000	0.00000	-14.609	-0.50000	0.0	0.0	0.0
	5.00000	-9.00000	0.00000	-15.171	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	6.00000	-9.00000	0.00000	-15.709	-0.50000	0.0	0.0	0.0
	7.00000	-9.00000	0.00000	-16.217	-0.50000	0.0	0.0	0.0
	8.00000	-9.00000	0.00000	-16.693	-0.50000	0.0	0.0	0.0
	9.00000	-9.00000	0.00000	-17.134	-0.50000	0.0	0.0	0.0
	10.00000	-9.00000	0.00000	-17.538	-0.50000	0.0	0.0	0.0
	11.00000	-9.00000	0.00000	-17.904	-0.50000	0.0	0.0	0.0
	12.00000	-9.00000	0.00000	-18.231	-0.50000	0.0	0.0	0.0
	13.00000	-9.00000	0.00000	-18.519	-0.50000	0.0	0.0	0.0
	14.00000	-9.00000	0.00000	-18.768	-0.50000	0.0	0.0	0.0
	15.00000	-9.00000	0.00000	-18.977	-0.50000	0.0	0.0	0.0
	16.00000	-9.00000	0.00000	-19.148	-0.50000	0.0	0.0	0.0
	17.00000	-9.00000	0.00000	-19.280	-0.50000	0.0	0.0	0.0
	18.00000	-9.00000	0.00000	-19.373	-0.50000	0.0	0.0	0.0
	19.00000	-9.00000	0.00000	-19.428	-0.50000	0.0	0.0	0.0
	20.00000	-9.00000	0.00000	-19.445	-0.50000	0.0	0.0	0.0
	21.00000	-9.00000	0.00000	-19.423	-0.50000	0.0	0.0	0.0
	22.00000	-9.00000	0.00000	-19.363	-0.50000	0.0	0.0	0.0
	23.00000	-9.00000	0.00000	-19.264	-0.50000	0.0	0.0	0.0
	24.00000	-9.00000	0.00000	-19.127	-0.50000	0.0	0.0	0.0
	25.00000	-9.00000	0.00000	-18.951	-0.50000	0.0	0.0	0.0
	26.00000	-9.00000	0.00000	-18.737	-0.50000	0.0	0.0	0.0
	27.00000	-9.00000	0.00000	-18.483	-0.50000	0.0	0.0	0.0
	28.00000	-9.00000	0.00000	-18.190	-0.50000	0.0	0.0	0.0
	29.00000	-9.00000	0.00000	-17.858	-0.50000	0.0	0.0	0.0
	30.00000	-9.00000	0.00000	-17.488	-0.50000	0.0	0.0	0.0
	31.00000	-9.00000	0.00000	-17.079	-0.50000	0.0	0.0	0.0
	32.00000	-9.00000	0.00000	-16.634	-0.50000	0.0	0.0	0.0
	33.00000	-9.00000	0.00000	-16.154	-0.50000	0.0	0.0	0.0
	34.00000	-9.00000	0.00000	-15.642	-0.50000	0.0	0.0	0.0
	35.00000	-9.00000	0.00000	-15.101	-0.50000	0.0	0.0	0.0
	36.00000	-9.00000	0.00000	-14.536	-0.50000	0.0	0.0	0.0
	37.00000	-9.00000	0.00000	-13.952	-0.50000	0.0	0.0	0.0
	38.00000	-9.00000	0.00000	-13.354	-0.50000	0.0	0.0	0.0
	39.00000	-9.00000	0.00000	-12.750	-0.50000	0.0	0.0	0.0
	40.00000	-9.00000	0.00000	-12.146	-0.50000	0.0	0.0	0.0
	41.00000	-9.00000	0.00000	-11.547	-0.50000	0.0	0.0	0.0
	42.00000	-9.00000	0.00000	-10.958	-0.50000	0.0	0.0	0.0
	43.00000	-9.00000	0.00000	-10.385	-0.50000	0.0	0.0	0.0
	44.00000	-9.00000	0.00000	-9.8303	-0.50000	0.0	0.0	0.0
	45.00000	-9.00000	0.00000	-9.2960	-0.50000	0.0	0.0	0.0
	46.00000	-9.00000	0.00000	-8.7838	-0.50000	0.0	0.0	0.0
	47.00000	-9.00000	0.00000	-8.2947	-0.50000	0.0	0.0	0.0
	48.00000	-9.00000	0.00000	-7.8288	-0.50000	0.0	0.0	0.0
	49.00000	-9.00000	0.00000	-7.3862	-0.50000	0.0	0.0	0.0
	50.00000	-9.00000	0.00000	-6.9663	-0.50000	0.0	0.0	0.0
	51.00000	-9.00000	0.00000	-6.5686	-0.50000	0.0	0.0	0.0
	52.00000	-9.00000	0.00000	-6.1924	-0.50000	0.0	0.0	0.0
	53.00000	-9.00000	0.00000	-5.8367	-0.50000	0.0	0.0	0.0
	54.00000	-9.00000	0.00000	-5.5008	-0.50000	0.0	0.0	0.0
	55.00000	-9.00000	0.00000	-5.1836	-0.50000	0.0	0.0	0.0
	56.00000	-9.00000	0.00000	-4.8842	-0.50000	0.0	0.0	0.0
	57.00000	-9.00000	0.00000	-4.6018	-0.50000	0.0	0.0	0.0
	58.00000	-9.00000	0.00000	-4.3355	-0.50000	0.0	0.0	0.0
	59.00000	-9.00000	0.00000	-4.0843	-0.50000	0.0	0.0	0.0
	60.00000	-9.00000	0.00000	-3.8474	-0.50000	0.0	0.0	0.0
	-20.00000	-8.00000	0.00000	-4.0494	-0.50000	0.0	0.0	0.0
	-19.00000	-8.00000	0.00000	-4.3021	-0.50000	0.0	0.0	0.0
	-18.00000	-8.00000	0.00000	-4.5705	-0.50000	0.0	0.0	0.0
	-17.00000	-8.00000	0.00000	-4.8555	-0.50000	0.0	0.0	0.0
	-16.00000	-8.00000	0.00000	-5.1582	-0.50000	0.0	0.0	0.0
	-15.00000	-8.00000	0.00000	-5.4797	-0.50000	0.0	0.0	0.0
	-14.00000	-8.00000	0.00000	-5.8210	-0.50000	0.0	0.0	0.0
	-13.00000	-8.00000	0.00000	-6.1833	-0.50000	0.0	0.0	0.0
	-12.00000	-8.00000	0.00000	-6.5677	-0.50000	0.0	0.0	0.0
	-11.00000	-8.00000	0.00000	-6.9755	-0.50000	0.0	0.0	0.0
	-10.00000	-8.00000	0.00000	-7.4078	-0.50000	0.0	0.0	0.0
	-9.00000	-8.00000	0.00000	-7.8656	-0.50000	0.0	0.0	0.0
	-8.00000	-8.00000	0.00000	-8.3501	-0.50000	0.0	0.0	0.0
	-7.00000	-8.00000	0.00000	-8.8619	-0.50000	0.0	0.0	0.0
	-6.00000	-8.00000	0.00000	-9.4017	-0.50000	0.0	0.0	0.0
	-5.00000	-8.00000	0.00000	-9.9694	-0.50000	0.0	0.0	0.0
	-4.00000	-8.00000	0.00000	-10.565	-0.50000	0.0	0.0	0.0
	-3.00000	-8.00000	0.00000	-11.186	-0.50000	0.0	0.0	0.0
	-2.00000	-8.00000	0.00000	-11.831	-0.50000	0.0	0.0	0.0
	-1.00000	-8.00000	0.00000	-12.496	-0.50000	0.0	0.0	0.0
	0.00000	-8.00000	0.00000	-13.176	-0.50000	0.0	0.0	0.0
	1.00000	-8.00000	0.00000	-13.865	-0.50000	0.0	0.0	0.0
	2.00000	-8.00000	0.00000	-14.554	-0.50000	0.0	0.0	0.0
	3.00000	-8.00000	0.00000	-15.236	-0.50000	0.0	0.0	0.0
	4.00000	-8.00000	0.00000	-15.903	-0.50000	0.0	0.0	0.0
	5.00000	-8.00000	0.00000	-16.545	-0.50000	0.0	0.0	0.0
	6.00000	-8.00000	0.00000	-17.158	-0.50000	0.0	0.0	0.0
	7.00000	-8.00000	0.00000	-17.735	-0.50000	0.0	0.0	0.0
	8.00000	-8.00000	0.00000	-18.273	-0.50000	0.0	0.0	0.0
	9.00000	-8.00000	0.00000	-18.770	-0.50000	0.0	0.0	0.0
	10.00000	-8.00000	0.00000	-19.222	-0.50000	0.0	0.0	0.0
	11.00000	-8.00000	0.00000	-19.631	-0.50000	0.0	0.0	0.0
	12.00000	-8.00000	0.00000	-19.995	-0.50000	0.0	0.0	0.0
	13.00000	-8.00000	0.00000	-20.315	-0.50000	0.0	0.0	0.0
	14.00000	-8.00000	0.00000	-20.590	-0.50000	0.0	0.0	0.0
	15.00000	-8.00000	0.00000	-20.822	-0.50000	0.0	0.0	0.0
	16.00000	-8.00000	0.00000	-21.010	-0.50000	0.0	0.0	0.0
	17.00000	-8.00000	0.00000	-21.155	-0.50000	0.0	0.0	0.0
	18.00000	-8.00000	0.00000	-21.258	-0.50000	0.0	0.0	0.0
	19.00000	-8.00000	0.00000	-21.318	-0.50000	0.0	0.0	0.0
	20.00000	-8.00000	0.00000	-21.336	-0.50000	0.0	0.0	0.0
	21.00000	-8.00000	0.00000	-21.312	-0.50000	0.0	0.0	0.0
	22.00000	-8.00000	0.00000	-21.246	-0.50000	0.0	0.0	0.0
	23.00000	-8.00000	0.00000	-21.138	-0.50000	0.0	0.0	0.0
	24.00000	-8.00000	0.00000	-20.987	-0.50000	0.0	0.0	0.0
	25.00000	-8.00000	0.00000	-20.793	-0.50000	0.0	0.0	0.0
	26.00000	-8.00000	0.00000	-20.556	-0.50000	0.0	0.0	0.0
	27.00000	-8.00000	0.00000	-20.275	-0.50000	0.0	0.0	0.0
	28.00000	-8.00000	0.00000	-19.950	-0.50000	0.0	0.0	0.0
	29.00000	-8.00000	0.00000	-19.581	-0.50000	0.0	0.0	0.0
	30.00000	-8.00000	0.00000	-19.167	-0.50000	0.0	0.0	0.0
	31.00000	-8.00000	0.00000	-18.709	-0.50000	0.0	0.0	0.0
	32.00000	-8.00000	0.00000	-18.208	-0.50000	0.0	0.0	0.0
	33.00000	-8.00000	0.00000	-17.666	-0.50000	0.0	0.0	0.0
	34.00000	-8.00000	0.00000	-17.084	-0.50000	0.0	0.0	0.0
	35.00000	-8.00000	0.00000	-16.468	-0.50000	0.0	0.0	0.0
	36.00000	-8.00000	0.00000	-15.822	-0.50000	0.0	0.0	0.0
	37.00000	-8.00000	0.00000	-15.153	-0.50000	0.0	0.0	0.0
	38.00000	-8.00000	0.00000	-14.468	-0.50000	0.0	0.0	0.0
	39.00000	-8.00000	0.00000	-13.777	-0.50000	0.0	0.0	0.0
	40.00000	-8.00000	0.00000	-13.086	-0.50000	0.0	0.0	0.0
	41.00000	-8.00000	0.00000	-12.405	-0.50000	0.0	0.0	0.0
	42.00000	-8.00000	0.00000	-11.739	-0.50000	0.0	0.0	0.0
	43.00000	-8.00000	0.00000	-11.094	-0.50000	0.0	0.0	0.0
	44.00000	-8.00000	0.00000	-10.472	-0.50000	0.0	0.0	0.0
	45.00000	-8.00000	0.00000	-9.8777	-0.50000	0.0	0.0	0.0
	46.00000	-8.00000	0.00000	-9.3109	-0.50000	0.0	0.0	0.0
	47.00000	-8.00000	0.00000	-8.7724	-0.50000	0.0	0.0	0.0
	48.00000	-8.00000	0.00000	-8.2622	-0.50000	0.0	0.0	0.0
	49.00000	-8.00000	0.00000	-7.7796	-0.50000	0.0	0.0	0.0
	50.00000	-8.00000	0.00000	-7.3238	-0.50000	0.0	0.0	0.0
	51.00000	-8.00000	0.00000	-6.8939	-0.50000	0.0	0.0	0.0
	52.00000	-8.00000	0.00000	-6.4886	-0.50000	0.0	0.0	0.0
	53.00000	-8.00000	0.00000	-6.1068	-0.50000	0.0	0.0	0.0
	54.00000	-8.00000	0.00000	-5.7472	-0.50000	0.0	0.0	0.0
	55.00000	-8.00000	0.00000	-5.4087	-0.50000	0.0	0.0	0.0
	56.00000	-8.00000	0.00000	-5.0901	-0.50000	0.0	0.0	0.0
	57.00000	-8.00000	0.00000	-4.7902	-0.50000	0.0	0.0	0.0
	58.00000	-8.00000	0.00000	-4.5080	-0.50000	0.0	0.0	0.0
	59.00000	-8.00000	0.00000	-4.2425	-0.50000	0.0	0.0	0.0
	60.00000	-8.00000	0.00000	-3.9926	-0.50000	0.0	0.0	0.0
	-20.00000	-7.00000	0.00000	-4.1994	-0.50000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-15.00000	-7.00000	0.00000	-5.7141	-0.50000	0.0	0.0	0.0
	-14.00000	-7.00000	0.00000	-6.0781	-0.50000	0.0	0.0	0.0
	-13.00000	-7.00000	0.00000	-6.4655	-0.50000	0.0	0.0	0.0
	-12.00000	-7.00000	0.00000	-6.8780	-0.50000	0.0	0.0	0.0
	-11.00000	-7.00000	0.00000	-7.3170	-0.50000	0.0	0.0	0.0
	-10.00000	-7.00000	0.00000	-7.7841	-0.50000	0.0	0.0	0.0
	-9.00000	-7.00000	0.00000	-8.2810	-0.50000	0.0	0.0	0.0
	-8.00000	-7.00000	0.00000	-8.8091	-0.50000	0.0	0.0	0.0
	-7.00000	-7.00000	0.00000	-9.3699	-0.50000	0.0	0.0	0.0
	-6.00000	-7.00000	0.00000	-9.9645	-0.50000	0.0	0.0	0.0
	-5.00000	-7.00000	0.00000	-10.594	-0.50000	0.0	0.0	0.0
	-4.00000	-7.00000	0.00000	-11.258	-0.50000	0.0	0.0	0.0
	-3.00000	-7.00000	0.00000	-11.956	-0.50000	0.0	0.0	0.0
	-2.00000	-7.00000	0.00000	-12.685	-0.50000	0.0	0.0	0.0
	-1.00000	-7.00000	0.00000	-13.443	-0.50000	0.0	0.0	0.0
	0.00000	-7.00000	0.00000	-14.222	-0.50000	0.0	0.0	0.0
	1.00000	-7.00000	0.00000	-15.014	-0.50000	0.0	0.0	0.0
	2.00000	-7.00000	0.00000	-15.810	-0.50000	0.0	0.0	0.0
	3.00000	-7.00000	0.00000	-16.599	-0.50000	0.0	0.0	0.0
	4.00000	-7.00000	0.00000	-17.368	-0.50000	0.0	0.0	0.0
	5.00000	-7.00000	0.00000	-18.107	-0.50000	0.0	0.0	0.0
	6.00000	-7.00000	0.00000	-18.809	-0.50000	0.0	0.0	0.0
	7.00000	-7.00000	0.00000	-19.468	-0.50000	0.0	0.0	0.0
	8.00000	-7.00000	0.00000	-20.078	-0.50000	0.0	0.0	0.0
	9.00000	-7.00000	0.00000	-20.638	-0.50000	0.0	0.0	0.0
	10.00000	-7.00000	0.00000	-21.146	-0.50000	0.0	0.0	0.0
	11.00000	-7.00000	0.00000	-21.603	-0.50000	0.0	0.0	0.0
	12.00000	-7.00000	0.00000	-22.008	-0.50000	0.0	0.0	0.0
	13.00000	-7.00000	0.00000	-22.362	-0.50000	0.0	0.0	0.0
	14.00000	-7.00000	0.00000	-22.666	-0.50000	0.0	0.0	0.0
	15.00000	-7.00000	0.00000	-22.922	-0.50000	0.0	0.0	0.0
	16.00000	-7.00000	0.00000	-23.129	-0.50000	0.0	0.0	0.0
	17.00000	-7.00000	0.00000	-23.288	-0.50000	0.0	0.0	0.0
	18.00000	-7.00000	0.00000	-23.401	-0.50000	0.0	0.0	0.0
	19.00000	-7.00000	0.00000	-23.467	-0.50000	0.0	0.0	0.0
	20.00000	-7.00000	0.00000	-23.487	-0.50000	0.0	0.0	0.0
	21.00000	-7.00000	0.00000	-23.461	-0.50000	0.0	0.0	0.0
	22.00000	-7.00000	0.00000	-23.388	-0.50000	0.0	0.0	0.0
	23.00000	-7.00000	0.00000	-23.269	-0.50000	0.0	0.0	0.0
	24.00000	-7.00000	0.00000	-23.104	-0.50000	0.0	0.0	0.0
	25.00000	-7.00000	0.00000	-22.890	-0.50000	0.0	0.0	0.0
	26.00000	-7.00000	0.00000	-22.629	-0.50000	0.0	0.0	0.0
	27.00000	-7.00000	0.00000	-22.319	-0.50000	0.0	0.0	0.0
	28.00000	-7.00000	0.00000	-21.958	-0.50000	0.0	0.0	0.0
	29.00000	-7.00000	0.00000	-21.547	-0.50000	0.0	0.0	0.0
	30.00000	-7.00000	0.00000	-21.085	-0.50000	0.0	0.0	0.0
	31.00000	-7.00000	0.00000	-20.571	-0.50000	0.0	0.0	0.0
	32.00000	-7.00000	0.00000	-20.006	-0.50000	0.0	0.0	0.0
	33.00000	-7.00000	0.00000	-19.391	-0.50000	0.0	0.0	0.0
	34.00000	-7.00000	0.00000	-18.728	-0.50000	0.0	0.0	0.0
	35.00000	-7.00000	0.00000	-18.022	-0.50000	0.0	0.0	0.0
	36.00000	-7.00000	0.00000	-17.279	-0.50000	0.0	0.0	0.0
	37.00000	-7.00000	0.00000	-16.506	-0.50000	0.0	0.0	0.0
	38.00000	-7.00000	0.00000	-15.715	-0.50000	0.0	0.0	0.0
	39.00000	-7.00000	0.00000	-14.917	-0.50000	0.0	0.0	0.0
	40.00000	-7.00000	0.00000	-14.122	-0.50000	0.0	0.0	0.0
	41.00000	-7.00000	0.00000	-13.342	-0.50000	0.0	0.0	0.0
	42.00000	-7.00000	0.00000	-12.584	-0.50000	0.0	0.0	0.0
	43.00000	-7.00000	0.00000	-11.854	-0.50000	0.0	0.0	0.0
	44.00000	-7.00000	0.00000	-11.156	-0.50000	0.0	0.0	0.0
	45.00000	-7.00000	0.00000	-10.493	-0.50000	0.0	0.0	0.0
	46.00000	-7.00000	0.00000	-9.8649	-0.50000	0.0	0.0	0.0
	47.00000	-7.00000	0.00000	-9.2718	-0.50000	0.0	0.0	0.0
	48.00000	-7.00000	0.00000	-8.7129	-0.50000	0.0	0.0	0.0
	49.00000	-7.00000	0.00000	-8.1870	-0.50000	0.0	0.0	0.0
	50.00000	-7.00000	0.00000	-7.6926	-0.50000	0.0	0.0	0.0
	51.00000	-7.00000	0.00000	-7.2282	-0.50000	0.0	0.0	0.0
	52.00000	-7.00000	0.00000	-6.7921	-0.50000	0.0	0.0	0.0
	53.00000	-7.00000	0.00000	-6.3826	-0.50000	0.0	0.0	0.0
	54.00000	-7.00000	0.00000	-5.9983	-0.50000	0.0	0.0	0.0
	55.00000	-7.00000	0.00000	-5.6375	-0.50000	0.0	0.0	0.0
	56.00000	-7.00000	0.00000	-5.2988	-0.50000	0.0	0.0	0.0
	57.00000	-7.00000	0.00000	-4.9809	-0.50000	0.0	0.0	0.0
	58.00000	-7.00000	0.00000	-4.6823	-0.50000	0.0	0.0	0.0
	59.00000	-7.00000	0.00000	-4.4020	-0.50000	0.0	0.0	0.0
	60.00000	-7.00000	0.00000	-4.1387	-0.50000	0.0	0.0	0.0
	-20.00000	-6.00000	0.00000	-4.3501	-0.50000	0.0	0.0	0.0
	-19.00000	-6.00000	0.00000	-4.6306	-0.50000	0.0	0.0	0.0
	-18.00000	-6.00000	0.00000	-4.9296	-0.50000	0.0	0.0	0.0
	-17.00000	-6.00000	0.00000	-5.2485	-0.50000	0.0	0.0	0.0
	-16.00000	-6.00000	0.00000	-5.5888	-0.50000	0.0	0.0	0.0
	-15.00000	-6.00000	0.00000	-5.9519	-0.50000	0.0	0.0	0.0
	-14.00000	-6.00000	0.00000	-6.3394	-0.50000	0.0	0.0	0.0
	-13.00000	-6.00000	0.00000	-6.7532	-0.50000	0.0	0.0	0.0
	-12.00000	-6.00000	0.00000	-7.1951	-0.50000	0.0	0.0	0.0
	-11.00000	-6.00000	0.00000	-7.6671	-0.50000	0.0	0.0	0.0
	-10.00000	-6.00000	0.00000	-8.1713	-0.50000	0.0	0.0	0.0
	-9.00000	-6.00000	0.00000	-8.7099	-0.50000	0.0	0.0	0.0
	-8.00000	-6.00000	0.00000	-9.2852	-0.50000	0.0	0.0	0.0
	-7.00000	-6.00000	0.00000	-9.8994	-0.50000	0.0	0.0	0.0
	-6.00000	-6.00000	0.00000	-10.555	-0.50000	0.0	0.0	0.0
	-5.00000	-6.00000	0.00000	-11.253	-0.50000	0.0	0.0	0.0
	-4.00000	-6.00000	0.00000	-11.995	-0.50000	0.0	0.0	0.0
	-3.00000	-6.00000	0.00000	-12.781	-0.50000	0.0	0.0	0.0
	-2.00000	-6.00000	0.00000	-13.610	-0.50000	0.0	0.0	0.0
	-1.00000	-6.00000	0.00000	-14.478	-0.50000	0.0	0.0	0.0
	0.00000	-6.00000	0.00000	-15.378	-0.50000	0.0	0.0	0.0
	1.00000	-6.00000	0.00000	-16.299	-0.50000	0.0	0.0	0.0
	2.00000	-6.00000	0.00000	-17.228	-0.50000	0.0	0.0	0.0
	3.00000	-6.00000	0.00000	-18.149	-0.50000	0.0	0.0	0.0
	4.00000	-6.00000	0.00000	-19.046	-0.50000	0.0	0.0	0.0
	5.00000	-6.00000	0.00000	-19.904	-0.50000	0.0	0.0	0.0
	6.00000	-6.00000	0.00000	-20.714	-0.50000	0.0	0.0	0.0
	7.00000	-6.00000	0.00000	-21.468	-0.50000	0.0	0.0	0.0
	8.00000	-6.00000	0.00000	-22.162	-0.50000	0.0	0.0	0.0
	9.00000	-6.00000	0.00000	-22.794	-0.50000	0.0	0.0	0.0
	10.00000	-6.00000	0.00000	-23.365	-0.50000	0.0	0.0	0.0
	11.00000	-6.00000	0.00000	-23.875	-0.50000	0.0	0.0	0.0
	12.00000	-6.00000	0.00000	-24.325	-0.50000	0.0	0.0	0.0
	13.00000	-6.00000	0.00000	-24.717	-0.50000	0.0	0.0	0.0
	14.00000	-6.00000	0.00000	-25.053	-0.50000	0.0	0.0	0.0
	15.00000	-6.00000	0.00000	-25.334	-0.50000	0.0	0.0	0.0
	16.00000	-6.00000	0.00000	-25.561	-0.50000	0.0	0.0	0.0
	17.00000	-6.00000	0.00000	-25.736	-0.50000	0.0	0.0	0.0
	18.00000	-6.00000	0.00000	-25.859	-0.50000	0.0	0.0	0.0
	19.00000	-6.00000	0.00000	-25.932	-0.50000	0.0	0.0	0.0
	20.00000	-6.00000	0.00000	-25.954	-0.50000	0.0	0.0	0.0
	21.00000	-6.00000	0.00000	-25.925	-0.50000	0.0	0.0	0.0
	22.00000	-6.00000	0.00000	-25.846	-0.50000	0.0	0.0	0.0
	23.00000	-6.00000	0.00000	-25.716	-0.50000	0.0	0.0	0.0
	24.00000	-6.00000	0.00000	-25.534	-0.50000	0.0	0.0	0.0
	25.00000	-6.00000	0.00000	-25.300	-0.50000	0.0	0.0	0.0
	26.00000	-6.00000	0.00000	-25.012	-0.50000	0.0	0.0	0.0
	27.00000	-6.00000	0.00000	-24.670	-0.50000	0.0	0.0	0.0
	28.00000	-6.00000	0.00000	-24.271	-0.50000	0.0	0.0	0.0
	29.00000	-6.00000	0.00000	-23.814	-0.50000	0.0	0.0	0.0
	30.00000	-6.00000	0.00000	-23.298	-0.50000	0.0	0.0	0.0
	31.00000	-6.00000	0.00000	-22.721	-0.50000	0.0	0.0	0.0
	32.00000	-6.00000	0.00000	-22.083	-0.50000	0.0	0.0	0.0
	33.00000	-6.00000	0.00000	-21.383	-0.50000	0.0	0.0	0.0
	34.00000	-6.00000	0.00000	-20.624	-0.50000	0.0	0.0	0.0
	35.00000	-6.00000	0.00000	-19.810	-0.50000	0.0	0.0	0.0
	36.00000	-6.00000	0.00000	-18.947	-0.50000	0.0	0.0	0.0
	37.00000	-6.00000	0.00000	-18.047	-0.50000	0.0	0.0	0.0
	38.00000	-6.00000	0.00000	-17.123	-0.50000	0.0	0.0	0.0
	39.00000	-6.00000	0.00000	-16.191	-0.50000	0.0	0.0	0.0
	40.00000	-6.00000	0.00000	-15.267	-0.50000	0.0	0.0	0.0
	41.00000	-6.00000	0.00000	-14.366	-0.50000	0.0	0.0	0.0
	42.00000	-6.00000	0.00000	-13.498	-0.50000	0.0	0.0	0.0
	43.00000	-6.00000	0.00000	-12.668	-0.50000	0.0	0.0	0.0
	44.00000	-6.00000	0.00000	-11.883	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	45.00000	-6.00000	0.00000	-11.142	-0.50000	0.0	0.0	0.0
	46.00000	-6.00000	0.00000	-10.445	-0.50000	0.0	0.0	0.0
	47.00000	-6.00000	0.00000	-9.7917	-0.50000	0.0	0.0	0.0
	48.00000	-6.00000	0.00000	-9.1798	-0.50000	0.0	0.0	0.0
	49.00000	-6.00000	0.00000	-8.6072	-0.50000	0.0	0.0	0.0
	50.00000	-6.00000	0.00000	-8.0715	-0.50000	0.0	0.0	0.0
	51.00000	-6.00000	0.00000	-7.5704	-0.50000	0.0	0.0	0.0
	52.00000	-6.00000	0.00000	-7.1018	-0.50000	0.0	0.0	0.0
	53.00000	-6.00000	0.00000	-6.6634	-0.50000	0.0	0.0	0.0
	54.00000	-6.00000	0.00000	-6.2531	-0.50000	0.0	0.0	0.0
	55.00000	-6.00000	0.00000	-5.8692	-0.50000	0.0	0.0	0.0
	56.00000	-6.00000	0.00000	-5.5098	-0.50000	0.0	0.0	0.0
	57.00000	-6.00000	0.00000	-5.1732	-0.50000	0.0	0.0	0.0
	58.00000	-6.00000	0.00000	-4.8578	-0.50000	0.0	0.0	0.0
	59.00000	-6.00000	0.00000	-4.5623	-0.50000	0.0	0.0	0.0
	60.00000	-6.00000	0.00000	-4.2853	-0.50000	0.0	0.0	0.0
	-20.00000	-5.00000	0.00000	-4.5010	-0.50000	0.0	0.0	0.0
	-19.00000	-5.00000	0.00000	-4.7958	-0.50000	0.0	0.0	0.0
	-18.00000	-5.00000	0.00000	-5.1107	-0.50000	0.0	0.0	0.0
	-17.00000	-5.00000	0.00000	-5.4472	-0.50000	0.0	0.0	0.0
	-16.00000	-5.00000	0.00000	-5.8071	-0.50000	0.0	0.0	0.0
	-15.00000	-5.00000	0.00000	-6.1921	-0.50000	0.0	0.0	0.0
	-14.00000	-5.00000	0.00000	-6.6040	-0.50000	0.0	0.0	0.0
	-13.00000	-5.00000	0.00000	-7.0452	-0.50000	0.0	0.0	0.0
	-12.00000	-5.00000	0.00000	-7.5179	-0.50000	0.0	0.0	0.0
	-11.00000	-5.00000	0.00000	-8.0245	-0.50000	0.0	0.0	0.0
	-10.00000	-5.00000	0.00000	-8.5679	-0.50000	0.0	0.0	0.0
	-9.00000	-5.00000	0.00000	-9.1510	-0.50000	0.0	0.0	0.0
	-8.00000	-5.00000	0.00000	-9.7770	-0.50000	0.0	0.0	0.0
	-7.00000	-5.00000	0.00000	-10.449	-0.50000	0.0	0.0	0.0
	-6.00000	-5.00000	0.00000	-11.171	-0.50000	0.0	0.0	0.0
	-5.00000	-5.00000	0.00000	-11.945	-0.50000	0.0	0.0	0.0
	-4.00000	-5.00000	0.00000	-12.776	-0.50000	0.0	0.0	0.0
	-3.00000	-5.00000	0.00000	-13.664	-0.50000	0.0	0.0	0.0
	-2.00000	-5.00000	0.00000	-14.610	-0.50000	0.0	0.0	0.0
	-1.00000	-5.00000	0.00000	-15.612	-0.50000	0.0	0.0	0.0
	0.00000	-5.00000	0.00000	-16.662	-0.50000	0.0	0.0	0.0
	1.00000	-5.00000	0.00000	-17.747	-0.50000	0.0	0.0	0.0
	2.00000	-5.00000	0.00000	-18.847	-0.50000	0.0	0.0	0.0
	3.00000	-5.00000	0.00000	-19.938	-0.50000	0.0	0.0	0.0
	4.00000	-5.00000	0.00000	-20.997	-0.50000	0.0	0.0	0.0
	5.00000	-5.00000	0.00000	-22.003	-0.50000	0.0	0.0	0.0
	6.00000	-5.00000	0.00000	-22.943	-0.50000	0.0	0.0	0.0
	7.00000	-5.00000	0.00000	-23.811	-0.50000	0.0	0.0	0.0
	8.00000	-5.00000	0.00000	-24.602	-0.50000	0.0	0.0	0.0
	9.00000	-5.00000	0.00000	-25.317	-0.50000	0.0	0.0	0.0
	10.00000	-5.00000	0.00000	-25.958	-0.50000	0.0	0.0	0.0
	11.00000	-5.00000	0.00000	-26.527	-0.50000	0.0	0.0	0.0
	12.00000	-5.00000	0.00000	-27.027	-0.50000	0.0	0.0	0.0
	13.00000	-5.00000	0.00000	-27.460	-0.50000	0.0	0.0	0.0
	14.00000	-5.00000	0.00000	-27.830	-0.50000	0.0	0.0	0.0
	15.00000	-5.00000	0.00000	-28.138	-0.50000	0.0	0.0	0.0
	16.00000	-5.00000	0.00000	-28.387	-0.50000	0.0	0.0	0.0
	17.00000	-5.00000	0.00000	-28.578	-0.50000	0.0	0.0	0.0
	18.00000	-5.00000	0.00000	-28.712	-0.50000	0.0	0.0	0.0
	19.00000	-5.00000	0.00000	-28.791	-0.50000	0.0	0.0	0.0
	20.00000	-5.00000	0.00000	-28.815	-0.50000	0.0	0.0	0.0
	21.00000	-5.00000	0.00000	-28.784	-0.50000	0.0	0.0	0.0
	22.00000	-5.00000	0.00000	-28.697	-0.50000	0.0	0.0	0.0
	23.00000	-5.00000	0.00000	-28.555	-0.50000	0.0	0.0	0.0
	24.00000	-5.00000	0.00000	-28.357	-0.50000	0.0	0.0	0.0
	25.00000	-5.00000	0.00000	-28.100	-0.50000	0.0	0.0	0.0
	26.00000	-5.00000	0.00000	-27.785	-0.50000	0.0	0.0	0.0
	27.00000	-5.00000	0.00000	-27.408	-0.50000	0.0	0.0	0.0
	28.00000	-5.00000	0.00000	-26.967	-0.50000	0.0	0.0	0.0
	29.00000	-5.00000	0.00000	-26.460	-0.50000	0.0	0.0	0.0
	30.00000	-5.00000	0.00000	-25.884	-0.50000	0.0	0.0	0.0
	31.00000	-5.00000	0.00000	-25.236	-0.50000	0.0	0.0	0.0
	32.00000	-5.00000	0.00000	-24.514	-0.50000	0.0	0.0	0.0
	33.00000	-5.00000	0.00000	-23.717	-0.50000	0.0	0.0	0.0
	34.00000	-5.00000	0.00000	-22.844	-0.50000	0.0	0.0	0.0
	35.00000	-5.00000	0.00000	-21.898	-0.50000	0.0	0.0	0.0
	36.00000	-5.00000	0.00000	-20.887	-0.50000	0.0	0.0	0.0
	37.00000	-5.00000	0.00000	-19.824	-0.50000	0.0	0.0	0.0
	38.00000	-5.00000	0.00000	-18.729	-0.50000	0.0	0.0	0.0
	39.00000	-5.00000	0.00000	-17.626	-0.50000	0.0	0.0	0.0
	40.00000	-5.00000	0.00000	-16.540	-0.50000	0.0	0.0	0.0
	41.00000	-5.00000	0.00000	-15.488	-0.50000	0.0	0.0	0.0
	42.00000	-5.00000	0.00000	-14.486	-0.50000	0.0	0.0	0.0
	43.00000	-5.00000	0.00000	-13.539	-0.50000	0.0	0.0	0.0
	44.00000	-5.00000	0.00000	-12.652	-0.50000	0.0	0.0	0.0
	45.00000	-5.00000	0.00000	-11.823	-0.50000	0.0	0.0	0.0
	46.00000	-5.00000	0.00000	-11.050	-0.50000	0.0	0.0	0.0
	47.00000	-5.00000	0.00000	-10.331	-0.50000	0.0	0.0	0.0
	48.00000	-5.00000	0.00000	-9.6613	-0.50000	0.0	0.0	0.0
	49.00000	-5.00000	0.00000	-9.0385	-0.50000	0.0	0.0	0.0
	50.00000	-5.00000	0.00000	-8.4589	-0.50000	0.0	0.0	0.0
	51.00000	-5.00000	0.00000	-7.9192	-0.50000	0.0	0.0	0.0
	52.00000	-5.00000	0.00000	-7.4164	-0.50000	0.0	0.0	0.0
	53.00000	-5.00000	0.00000	-6.9478	-0.50000	0.0	0.0	0.0
	54.00000	-5.00000	0.00000	-6.5107	-0.50000	0.0	0.0	0.0
	55.00000	-5.00000	0.00000	-6.1029	-0.50000	0.0	0.0	0.0
	56.00000	-5.00000	0.00000	-5.7221	-0.50000	0.0	0.0	0.0
	57.00000	-5.00000	0.00000	-5.3663	-0.50000	0.0	0.0	0.0
	58.00000	-5.00000	0.00000	-5.0338	-0.50000	0.0	0.0	0.0
	59.00000	-5.00000	0.00000	-4.7228	-0.50000	0.0	0.0	0.0
	60.00000	-5.00000	0.00000	-4.4319	-0.50000	0.0	0.0	0.0
	-20.00000	-4.00000	0.00000	-4.6514	-0.50000	0.0	0.0	0.0
	-19.00000	-4.00000	0.00000	-4.9607	-0.50000	0.0	0.0	0.0
	-18.00000	-4.00000	0.00000	-5.2918	-0.50000	0.0	0.0	0.0
	-17.00000	-4.00000	0.00000	-5.6464	-0.50000	0.0	0.0	0.0
	-16.00000	-4.00000	0.00000	-6.0263	-0.50000	0.0	0.0	0.0
	-15.00000	-4.00000	0.00000	-6.4337	-0.50000	0.0	0.0	0.0
	-14.00000	-4.00000	0.00000	-6.8708	-0.50000	0.0	0.0	0.0
	-13.00000	-4.00000	0.00000	-7.3403	-0.50000	0.0	0.0	0.0
	-12.00000	-4.00000	0.00000	-7.8448	-0.50000	0.0	0.0	0.0
	-11.00000	-4.00000	0.00000	-8.3876	-0.50000	0.0	0.0	0.0
	-10.00000	-4.00000	0.00000	-8.9721	-0.50000	0.0	0.0	0.0
	-9.00000	-4.00000	0.00000	-9.6022	-0.50000	0.0	0.0	0.0
	-8.00000	-4.00000	0.00000	-10.282	-0.50000	0.0	0.0	0.0
	-7.00000	-4.00000	0.00000	-11.017	-0.50000	0.0	0.0	0.0
	-6.00000	-4.00000	0.00000	-11.811	-0.50000	0.0	0.0	0.0
	-5.00000	-4.00000	0.00000	-12.670	-0.50000	0.0	0.0	0.0
	-4.00000	-4.00000	0.00000	-13.600	-0.50000	0.0	0.0	0.0
	-3.00000	-4.00000	0.00000	-14.605	-0.50000	0.0	0.0	0.0
	-2.00000	-4.00000	0.00000	-15.691	-0.50000	0.0	0.0	0.0
	-1.00000	-4.00000	0.00000	-16.856	-0.50000	0.0	0.0	0.0
	0.00000	-4.00000	0.00000	-18.096	-0.50000	0.0	0.0	0.0
	1.00000	-4.00000	0.00000	-19.394	-0.50000	0.0	0.0	0.0
	2.00000	-4.00000	0.00000	-20.722	-0.50000	0.0	0.0	0.0
	3.00000	-4.00000	0.00000	-22.040	-0.50000	0.0	0.0	0.0
	4.00000	-4.00000	0.00000	-23.311	-0.50000	0.0	0.0	0.0
	5.00000	-4.00000	0.00000	-24.505	-0.50000	0.0	0.0	0.0
	6.00000	-4.00000	0.00000	-25.606	-0.50000	0.0	0.0	0.0
	7.00000	-4.00000	0.00000	-26.608	-0.50000	0.0	0.0	0.0
	8.00000	-4.00000	0.00000	-27.512	-0.50000	0.0	0.0	0.0
	9.00000	-4.00000	0.00000	-28.321	-0.50000	0.0	0.0	0.0
	10.00000	-4.00000	0.00000	-29.039	-0.50000	0.0	0.0	0.0
	11.00000	-4.00000	0.00000	-29.673	-0.50000	0.0	0.0	0.0
	12.00000	-4.00000	0.00000	-30.226	-0.50000	0.0	0.0	0.0
	13.00000	-4.00000	0.00000	-30.703	-0.50000	0.0	0.0	0.0
	14.00000	-4.00000	0.00000	-31.109	-0.50000	0.0	0.0	0.0
	15.00000	-4.00000	0.00000	-31.447	-0.50000	0.0	0.0	0.0
	16.00000	-4.00000	0.00000	-31.718	-0.50000	0.0	0.0	0.0
	17.00000	-4.00000	0.00000	-31.926	-0.50000	0.0	0.0	0.0
	18.00000	-4.00000	0.00000	-32.073	-0.50000	0.0	0.0	0.0
	19.00000	-4.00000	0.00000	-32.158

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	24.00000	-4.00000	0.00000	-31.685	-0.50000	0.0	0.0	0.0
	25.00000	-4.00000	0.00000	-31.406	-0.50000	0.0	0.0	0.0
	26.00000	-4.00000	0.00000	-31.060	-0.50000	0.0	0.0	0.0
	27.00000	-4.00000	0.00000	-30.646	-0.50000	0.0	0.0	0.0
	28.00000	-4.00000	0.00000	-30.160	-0.50000	0.0	0.0	0.0
	29.00000	-4.00000	0.00000	-29.599	-0.50000	0.0	0.0	0.0
	30.00000	-4.00000	0.00000	-28.957	-0.50000	0.0	0.0	0.0
	31.00000	-4.00000	0.00000	-28.231	-0.50000	0.0	0.0	0.0
	32.00000	-4.00000	0.00000	-27.415	-0.50000	0.0	0.0	0.0
	33.00000	-4.00000	0.00000	-26.504	-0.50000	0.0	0.0	0.0
	34.00000	-4.00000	0.00000	-25.495	-0.50000	0.0	0.0	0.0
	35.00000	-4.00000	0.00000	-24.388	-0.50000	0.0	0.0	0.0
	36.00000	-4.00000	0.00000	-23.189	-0.50000	0.0	0.0	0.0
	37.00000	-4.00000	0.00000	-21.913	-0.50000	0.0	0.0	0.0
	38.00000	-4.00000	0.00000	-20.591	-0.50000	0.0	0.0	0.0
	39.00000	-4.00000	0.00000	-19.260	-0.50000	0.0	0.0	0.0
	40.00000	-4.00000	0.00000	-17.960	-0.50000	0.0	0.0	0.0
	41.00000	-4.00000	0.00000	-16.718	-0.50000	0.0	0.0	0.0
	42.00000	-4.00000	0.00000	-15.552	-0.50000	0.0	0.0	0.0
	43.00000	-4.00000	0.00000	-14.467	-0.50000	0.0	0.0	0.0
	44.00000	-4.00000	0.00000	-13.462	-0.50000	0.0	0.0	0.0
	45.00000	-4.00000	0.00000	-12.534	-0.50000	0.0	0.0	0.0
	46.00000	-4.00000	0.00000	-11.677	-0.50000	0.0	0.0	0.0
	47.00000	-4.00000	0.00000	-10.886	-0.50000	0.0	0.0	0.0
	48.00000	-4.00000	0.00000	-10.155	-0.50000	0.0	0.0	0.0
	49.00000	-4.00000	0.00000	-9.4789	-0.50000	0.0	0.0	0.0
	50.00000	-4.00000	0.00000	-8.8530	-0.50000	0.0	0.0	0.0
	51.00000	-4.00000	0.00000	-8.2728	-0.50000	0.0	0.0	0.0
	52.00000	-4.00000	0.00000	-7.7345	-0.50000	0.0	0.0	0.0
	53.00000	-4.00000	0.00000	-7.2346	-0.50000	0.0	0.0	0.0
	54.00000	-4.00000	0.00000	-6.7698	-0.50000	0.0	0.0	0.0
	55.00000	-4.00000	0.00000	-6.3374	-0.50000	0.0	0.0	0.0
	56.00000	-4.00000	0.00000	-5.9348	-0.50000	0.0	0.0	0.0
	57.00000	-4.00000	0.00000	-5.5595	-0.50000	0.0	0.0	0.0
	58.00000	-4.00000	0.00000	-5.2095	-0.50000	0.0	0.0	0.0
	59.00000	-4.00000	0.00000	-4.8828	-0.50000	0.0	0.0	0.0
	60.00000	-4.00000	0.00000	-4.5778	-0.50000	0.0	0.0	0.0
	-20.00000	-3.00000	0.00000	-4.8008	-0.50000	0.0	0.0	0.0
	-19.00000	-3.00000	0.00000	-5.1248	-0.50000	0.0	0.0	0.0
	-18.00000	-3.00000	0.00000	-5.4722	-0.50000	0.0	0.0	0.0
	-17.00000	-3.00000	0.00000	-5.8450	-0.50000	0.0	0.0	0.0
	-16.00000	-3.00000	0.00000	-6.2453	-0.50000	0.0	0.0	0.0
	-15.00000	-3.00000	0.00000	-6.6756	-0.50000	0.0	0.0	0.0
	-14.00000	-3.00000	0.00000	-7.1384	-0.50000	0.0	0.0	0.0
	-13.00000	-3.00000	0.00000	-7.6369	-0.50000	0.0	0.0	0.0
	-12.00000	-3.00000	0.00000	-8.1744	-0.50000	0.0	0.0	0.0
	-11.00000	-3.00000	0.00000	-8.7546	-0.50000	0.0	0.0	0.0
	-10.00000	-3.00000	0.00000	-9.3818	-0.50000	0.0	0.0	0.0
	-9.00000	-3.00000	0.00000	-10.061	-0.50000	0.0	0.0	0.0
	-8.00000	-3.00000	0.00000	-10.798	-0.50000	0.0	0.0	0.0
	-7.00000	-3.00000	0.00000	-11.598	-0.50000	0.0	0.0	0.0
	-6.00000	-3.00000	0.00000	-12.470	-0.50000	0.0	0.0	0.0
	-5.00000	-3.00000	0.00000	-13.422	-0.50000	0.0	0.0	0.0
	-4.00000	-3.00000	0.00000	-14.462	-0.50000	0.0	0.0	0.0
	-3.00000	-3.00000	0.00000	-15.602	-0.50000	0.0	0.0	0.0
	-2.00000	-3.00000	0.00000	-16.851	-0.50000	0.0	0.0	0.0
	-1.00000	-3.00000	0.00000	-18.218	-0.50000	0.0	0.0	0.0
	0.00000	-3.00000	0.00000	-19.703	-0.50000	0.0	0.0	0.0
	1.00000	-3.00000	0.00000	-21.292	-0.50000	0.0	0.0	0.0
	2.00000	-3.00000	0.00000	-22.941	-0.50000	0.0	0.0	0.0
	3.00000	-3.00000	0.00000	-24.580	-0.50000	0.0	0.0	0.0
	4.00000	-3.00000	0.00000	-26.140	-0.50000	0.0	0.0	0.0
	5.00000	-3.00000	0.00000	-27.577	-0.50000	0.0	0.0	0.0
	6.00000	-3.00000	0.00000	-28.876	-0.50000	0.0	0.0	0.0
	7.00000	-3.00000	0.00000	-30.038	-0.50000	0.0	0.0	0.0
	8.00000	-3.00000	0.00000	-31.070	-0.50000	0.0	0.0	0.0
	9.00000	-3.00000	0.00000	-31.983	-0.50000	0.0	0.0	0.0
	10.00000	-3.00000	0.00000	-32.787	-0.50000	0.0	0.0	0.0
	11.00000	-3.00000	0.00000	-33.490	-0.50000	0.0	0.0	0.0
	12.00000	-3.00000	0.00000	-34.101	-0.50000	0.0	0.0	0.0
	13.00000	-3.00000	0.00000	-34.625	-0.50000	0.0	0.0	0.0
	14.00000	-3.00000	0.00000	-35.069	-0.50000	0.0	0.0	0.0
	15.00000	-3.00000	0.00000	-35.437	-0.50000	0.0	0.0	0.0
	16.00000	-3.00000	0.00000	-35.732	-0.50000	0.0	0.0	0.0
	17.00000	-3.00000	0.00000	-35.958	-0.50000	0.0	0.0	0.0
	18.00000	-3.00000	0.00000	-36.117	-0.50000	0.0	0.0	0.0
	19.00000	-3.00000	0.00000	-36.209	-0.50000	0.0	0.0	0.0
	20.00000	-3.00000	0.00000	-36.237	-0.50000	0.0	0.0	0.0
	21.00000	-3.00000	0.00000	-36.200	-0.50000	0.0	0.0	0.0
	22.00000	-3.00000	0.00000	-36.099	-0.50000	0.0	0.0	0.0
	23.00000	-3.00000	0.00000	-35.931	-0.50000	0.0	0.0	0.0
	24.00000	-3.00000	0.00000	-35.696	-0.50000	0.0	0.0	0.0
	25.00000	-3.00000	0.00000	-35.392	-0.50000	0.0	0.0	0.0
	26.00000	-3.00000	0.00000	-35.015	-0.50000	0.0	0.0	0.0
	27.00000	-3.00000	0.00000	-34.562	-0.50000	0.0	0.0	0.0
	28.00000	-3.00000	0.00000	-34.029	-0.50000	0.0	0.0	0.0
	29.00000	-3.00000	0.00000	-33.409	-0.50000	0.0	0.0	0.0
	30.00000	-3.00000	0.00000	-32.697	-0.50000	0.0	0.0	0.0
	31.00000	-3.00000	0.00000	-31.884	-0.50000	0.0	0.0	0.0
	32.00000	-3.00000	0.00000	-30.963	-0.50000	0.0	0.0	0.0
	33.00000	-3.00000	0.00000	-29.922	-0.50000	0.0	0.0	0.0
	34.00000	-3.00000	0.00000	-28.753	-0.50000	0.0	0.0	0.0
	35.00000	-3.00000	0.00000	-27.447	-0.50000	0.0	0.0	0.0
	36.00000	-3.00000	0.00000	-26.004	-0.50000	0.0	0.0	0.0
	37.00000	-3.00000	0.00000	-24.439	-0.50000	0.0	0.0	0.0
	38.00000	-3.00000	0.00000	-22.795	-0.50000	0.0	0.0	0.0
	39.00000	-3.00000	0.00000	-21.142	-0.50000	0.0	0.0	0.0
	40.00000	-3.00000	0.00000	-19.551	-0.50000	0.0	0.0	0.0
	41.00000	-3.00000	0.00000	-18.064	-0.50000	0.0	0.0	0.0
	42.00000	-3.00000	0.00000	-16.697	-0.50000	0.0	0.0	0.0
	43.00000	-3.00000	0.00000	-15.448	-0.50000	0.0	0.0	0.0
	44.00000	-3.00000	0.00000	-14.310	-0.50000	0.0	0.0	0.0
	45.00000	-3.00000	0.00000	-13.272	-0.50000	0.0	0.0	0.0
	46.00000	-3.00000	0.00000	-12.323	-0.50000	0.0	0.0	0.0
	47.00000	-3.00000	0.00000	-11.455	-0.50000	0.0	0.0	0.0
	48.00000	-3.00000	0.00000	-10.658	-0.50000	0.0	0.0	0.0
	49.00000	-3.00000	0.00000	-9.9258	-0.50000	0.0	0.0	0.0
	50.00000	-3.00000	0.00000	-9.2514	-0.50000	0.0	0.0	0.0
	51.00000	-3.00000	0.00000	-8.6292	-0.50000	0.0	0.0	0.0
	52.00000	-3.00000	0.00000	-8.0543	-0.50000	0.0	0.0	0.0
	53.00000	-3.00000	0.00000	-7.5222	-0.50000	0.0	0.0	0.0
	54.00000	-3.00000	0.00000	-7.0292	-0.50000	0.0	0.0	0.0
	55.00000	-3.00000	0.00000	-6.5717	-0.50000	0.0	0.0	0.0
	56.00000	-3.00000	0.00000	-6.1468	-0.50000	0.0	0.0	0.0
	57.00000	-3.00000	0.00000	-5.7517	-0.50000	0.0	0.0	0.0
	58.00000	-3.00000	0.00000	-5.3841	-0.50000	0.0	0.0	0.0
	59.00000	-3.00000	0.00000	-5.0416	-0.50000	0.0	0.0	0.0
	60.00000	-3.00000	0.00000	-4.7224	-0.50000	0.0	0.0	0.0
	-20.00000	-2.00000	0.00000	-4.9485	-0.50000	0.0	0.0	0.0
	-19.00000	-2.00000	0.00000	-5.2872	-0.50000	0.0	0.0	0.0
	-18.00000	-2.00000	0.00000	-5.6510	-0.50000	0.0	0.0	0.0
	-17.00000	-2.00000	0.00000	-6.0422	-0.50000	0.0	0.0	0.0
	-16.00000	-2.00000	0.00000	-6.4631	-0.50000	0.0	0.0	0.0
	-15.00000	-2.00000	0.00000	-6.9165	-0.50000	0.0	0.0	0.0
	-14.00000	-2.00000	0.00000	-7.4055	-0.50000	0.0	0.0	0.0
	-13.00000	-2.00000	0.00000	-7.9335	-0.50000	0.0	0.0	0.0
	-12.00000	-2.00000	0.00000	-8.5046	-0.50000	0.0	0.0	0.0
	-11.00000	-2.00000	0.00000	-9.1231	-0.50000	0.0	0.0	0.0
	-10.00000	-2.00000	0.00000	-9.7945	-0.50000	0.0	0.0	0.0
	-9.00000	-2.00000	0.00000	-10.525	-0.50000	0.0	0.0	0.0
	-8.00000	-2.00000	0.00000	-11.321	-0.50000	0.0	0.0	0.0
	-7.00000	-2.00000	0.00000	-12.191	-0.50000	0.0	0.0	0.0
	-6.00000	-2.00000	0.00000	-13.145	-0.50000	0.0	0.0	0.0
	-5.00000	-2.00000	0.00000	-14.196	-0.50000	0.0	0.0	0.0
	-4.00000	-2.00000	0.00000	-15.357	-0.50000	0.0	0.0	0.0
	-3.00000	-2.00000	0.00000	-16.647	-0.50000	0.0	0.0	0.0
	-2.00000	-2.00000	0.00000	-18.086	-0.50000	0.0	0.0	0.0
	-1.00000	-2.00000	0.00000	-19.698	-0.50000	0.0	0.0	0.0
	0.00000	-2.00000	0.00000	-21.506	-0.50000	0.0	0.0	0.0
	1.00000	-2.00000	0.00000	-23.511	-0.50000	0.0	0.0	0.0
	2.00000	-2.00000	0.00000	-25.657	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	3.00000	-2.00000	0.00000	-27.793	-0.50000	0.0	0.0	0.0
	4.00000	-2.00000	0.00000	-29.768	-0.50000	0.0	0.0	0.0
	5.00000	-2.00000	0.00000	-31.525	-0.50000	0.0	0.0	0.0
	6.00000	-2.00000	0.00000	-33.066	-0.50000	0.0	0.0	0.0
	7.00000	-2.00000	0.00000	-34.413	-0.50000	0.0	0.0	0.0
	8.00000	-2.00000	0.00000	-35.590	-0.50000	0.0	0.0	0.0
	9.00000	-2.00000	0.00000	-36.617	-0.50000	0.0	0.0	0.0
	10.00000	-2.00000	0.00000	-37.513	-0.50000	0.0	0.0	0.0
	11.00000	-2.00000	0.00000	-38.291	-0.50000	0.0	0.0	0.0
	12.00000	-2.00000	0.00000	-38.961	-0.50000	0.0	0.0	0.0
	13.00000	-2.00000	0.00000	-39.535	-0.50000	0.0	0.0	0.0
	14.00000	-2.00000	0.00000	-40.018	-0.50000	0.0	0.0	0.0
	15.00000	-2.00000	0.00000	-40.417	-0.50000	0.0	0.0	0.0
	16.00000	-2.00000	0.00000	-40.737	-0.50000	0.0	0.0	0.0
	17.00000	-2.00000	0.00000	-40.981	-0.50000	0.0	0.0	0.0
	18.00000	-2.00000	0.00000	-41.152	-0.50000	0.0	0.0	0.0
	19.00000	-2.00000	0.00000	-41.252	-0.50000	0.0	0.0	0.0
	20.00000	-2.00000	0.00000	-41.282	-0.50000	0.0	0.0	0.0
	21.00000	-2.00000	0.00000	-41.242	-0.50000	0.0	0.0	0.0
	22.00000	-2.00000	0.00000	-41.132	-0.50000	0.0	0.0	0.0
	23.00000	-2.00000	0.00000	-40.952	-0.50000	0.0	0.0	0.0
	24.00000	-2.00000	0.00000	-40.698	-0.50000	0.0	0.0	0.0
	25.00000	-2.00000	0.00000	-40.368	-0.50000	0.0	0.0	0.0
	26.00000	-2.00000	0.00000	-39.959	-0.50000	0.0	0.0	0.0
	27.00000	-2.00000	0.00000	-39.465	-0.50000	0.0	0.0	0.0
	28.00000	-2.00000	0.00000	-38.882	-0.50000	0.0	0.0	0.0
	29.00000	-2.00000	0.00000	-38.201	-0.50000	0.0	0.0	0.0
	30.00000	-2.00000	0.00000	-37.413	-0.50000	0.0	0.0	0.0
	31.00000	-2.00000	0.00000	-36.508	-0.50000	0.0	0.0	0.0
	32.00000	-2.00000	0.00000	-35.470	-0.50000	0.0	0.0	0.0
	33.00000	-2.00000	0.00000	-34.284	-0.50000	0.0	0.0	0.0
	34.00000	-2.00000	0.00000	-32.928	-0.50000	0.0	0.0	0.0
	35.00000	-2.00000	0.00000	-31.380	-0.50000	0.0	0.0	0.0
	36.00000	-2.00000	0.00000	-29.616	-0.50000	0.0	0.0	0.0
	37.00000	-2.00000	0.00000	-27.635	-0.50000	0.0	0.0	0.0
	38.00000	-2.00000	0.00000	-25.494	-0.50000	0.0	0.0	0.0
	39.00000	-2.00000	0.00000	-23.344	-0.50000	0.0	0.0	0.0
	40.00000	-2.00000	0.00000	-21.335	-0.50000	0.0	0.0	0.0
	41.00000	-2.00000	0.00000	-19.527	-0.50000	0.0	0.0	0.0
	42.00000	-2.00000	0.00000	-17.914	-0.50000	0.0	0.0	0.0
	43.00000	-2.00000	0.00000	-16.476	-0.50000	0.0	0.0	0.0
	44.00000	-2.00000	0.00000	-15.188	-0.50000	0.0	0.0	0.0
	45.00000	-2.00000	0.00000	-14.029	-0.50000	0.0	0.0	0.0
	46.00000	-2.00000	0.00000	-12.982	-0.50000	0.0	0.0	0.0
	47.00000	-2.00000	0.00000	-12.032	-0.50000	0.0	0.0	0.0
	48.00000	-2.00000	0.00000	-11.167	-0.50000	0.0	0.0	0.0
	49.00000	-2.00000	0.00000	-10.376	-0.50000	0.0	0.0	0.0
	50.00000	-2.00000	0.00000	-9.6516	-0.50000	0.0	0.0	0.0
	51.00000	-2.00000	0.00000	-8.9863	-0.50000	0.0	0.0	0.0
	52.00000	-2.00000	0.00000	-8.3739	-0.50000	0.0	0.0	0.0
	53.00000	-2.00000	0.00000	-7.8091	-0.50000	0.0	0.0	0.0
	54.00000	-2.00000	0.00000	-7.2873	-0.50000	0.0	0.0	0.0
	55.00000	-2.00000	0.00000	-6.8045	-0.50000	0.0	0.0	0.0
	56.00000	-2.00000	0.00000	-6.3571	-0.50000	0.0	0.0	0.0
	57.00000	-2.00000	0.00000	-5.9421	-0.50000	0.0	0.0	0.0
	58.00000	-2.00000	0.00000	-5.5567	-0.50000	0.0	0.0	0.0
	59.00000	-2.00000	0.00000	-5.1984	-0.50000	0.0	0.0	0.0
	60.00000	-2.00000	0.00000	-4.8650	-0.50000	0.0	0.0	0.0
	-20.00000	-1.00000	0.00000	-5.0937	-0.50000	0.0	0.0	0.0
	-19.00000	-1.00000	0.00000	-5.4471	-0.50000	0.0	0.0	0.0
	-18.00000	-1.00000	0.00000	-5.8274	-0.50000	0.0	0.0	0.0
	-17.00000	-1.00000	0.00000	-6.2369	-0.50000	0.0	0.0	0.0
	-16.00000	-1.00000	0.00000	-6.6785	-0.50000	0.0	0.0	0.0
	-15.00000	-1.00000	0.00000	-7.1552	-0.50000	0.0	0.0	0.0
	-14.00000	-1.00000	0.00000	-7.6705	-0.50000	0.0	0.0	0.0
	-13.00000	-1.00000	0.00000	-8.2284	-0.50000	0.0	0.0	0.0
	-12.00000	-1.00000	0.00000	-8.8335	-0.50000	0.0	0.0	0.0
	-11.00000	-1.00000	0.00000	-9.4910	-0.50000	0.0	0.0	0.0
	-10.00000	-1.00000	0.00000	-10.207	-0.50000	0.0	0.0	0.0
	-9.00000	-1.00000	0.00000	-10.989	-0.50000	0.0	0.0	0.0
	-8.00000	-1.00000	0.00000	-11.846	-0.50000	0.0	0.0	0.0
	-7.00000	-1.00000	0.00000	-12.788	-0.50000	0.0	0.0	0.0
	-6.00000	-1.00000	0.00000	-13.829	-0.50000	0.0	0.0	0.0
	-5.00000	-1.00000	0.00000	-14.984	-0.50000	0.0	0.0	0.0
	-4.00000	-1.00000	0.00000	-16.274	-0.50000	0.0	0.0	0.0
	-3.00000	-1.00000	0.00000	-17.727	-0.50000	0.0	0.0	0.0
	-2.00000	-1.00000	0.00000	-19.380	-0.50000	0.0	0.0	0.0
	-1.00000	-1.00000	0.00000	-21.283	-0.50000	0.0	0.0	0.0
	0.00000	-1.00000	0.00000	-23.507	-0.50000	0.0	0.0	0.0
	1.00000	-1.00000	0.00000	-26.143	-0.50000	0.0	0.0	0.0
	2.00000	-1.00000	0.00000	-29.198	-0.50000	0.0	0.0	0.0
	3.00000	-1.00000	0.00000	-32.242	-0.50000	0.0	0.0	0.0
	4.00000	-1.00000	0.00000	-34.846	-0.50000	0.0	0.0	0.0
	5.00000	-1.00000	0.00000	-37.017	-0.50000	0.0	0.0	0.0
	6.00000	-1.00000	0.00000	-38.844	-0.50000	0.0	0.0	0.0
	7.00000	-1.00000	0.00000	-40.400	-0.50000	0.0	0.0	0.0
	8.00000	-1.00000	0.00000	-41.735	-0.50000	0.0	0.0	0.0
	9.00000	-1.00000	0.00000	-42.885	-0.50000	0.0	0.0	0.0
	10.00000	-1.00000	0.00000	-43.877	-0.50000	0.0	0.0	0.0
	11.00000	-1.00000	0.00000	-44.731	-0.50000	0.0	0.0	0.0
	12.00000	-1.00000	0.00000	-45.464	-0.50000	0.0	0.0	0.0
	13.00000	-1.00000	0.00000	-46.088	-0.50000	0.0	0.0	0.0
	14.00000	-1.00000	0.00000	-46.611	-0.50000	0.0	0.0	0.0
	15.00000	-1.00000	0.00000	-47.043	-0.50000	0.0	0.0	0.0
	16.00000	-1.00000	0.00000	-47.387	-0.50000	0.0	0.0	0.0
	17.00000	-1.00000	0.00000	-47.650	-0.50000	0.0	0.0	0.0
	18.00000	-1.00000	0.00000	-47.834	-0.50000	0.0	0.0	0.0
	19.00000	-1.00000	0.00000	-47.941	-0.50000	0.0	0.0	0.0
	20.00000	-1.00000	0.00000	-47.973	-0.50000	0.0	0.0	0.0
	21.00000	-1.00000	0.00000	-47.930	-0.50000	0.0	0.0	0.0
	22.00000	-1.00000	0.00000	-47.812	-0.50000	0.0	0.0	0.0
	23.00000	-1.00000	0.00000	-47.618	-0.50000	0.0	0.0	0.0
	24.00000	-1.00000	0.00000	-47.345	-0.50000	0.0	0.0	0.0
	25.00000	-1.00000	0.00000	-46.989	-0.50000	0.0	0.0	0.0
	26.00000	-1.00000	0.00000	-46.547	-0.50000	0.0	0.0	0.0
	27.00000	-1.00000	0.00000	-46.012	-0.50000	0.0	0.0	0.0
	28.00000	-1.00000	0.00000	-45.377	-0.50000	0.0	0.0	0.0
	29.00000	-1.00000	0.00000	-44.632	-0.50000	0.0	0.0	0.0
	30.00000	-1.00000	0.00000	-43.766	-0.50000	0.0	0.0	0.0
	31.00000	-1.00000	0.00000	-42.763	-0.50000	0.0	0.0	0.0
	32.00000	-1.00000	0.00000	-41.602	-0.50000	0.0	0.0	0.0
	33.00000	-1.00000	0.00000	-40.256	-0.50000	0.0	0.0	0.0
	34.00000	-1.00000	0.00000	-38.691	-0.50000	0.0	0.0	0.0
	35.00000	-1.00000	0.00000	-36.854	-0.50000	0.0	0.0	0.0
	36.00000	-1.00000	0.00000	-34.675	-0.50000	0.0	0.0	0.0
	37.00000	-1.00000	0.00000	-32.064	-0.50000	0.0	0.0	0.0
	38.00000	-1.00000	0.00000	-29.014	-0.50000	0.0	0.0	0.0
	39.00000	-1.00000	0.00000	-25.955	-0.50000	0.0	0.0	0.0
	40.00000	-1.00000	0.00000	-23.316	-0.50000	0.0	0.0	0.0
	41.00000	-1.00000	0.00000	-21.090	-0.50000	0.0	0.0	0.0
	42.00000	-1.00000	0.00000	-19.187	-0.50000	0.0	0.0	0.0
	43.00000	-1.00000	0.00000	-17.536	-0.50000	0.0	0.0	0.0
	44.00000	-1.00000	0.00000	-16.085	-0.50000	0.0	0.0	0.0
	45.00000	-1.00000	0.00000	-14.798	-0.50000	0.0	0.0	0.0
	46.00000	-1.00000	0.00000	-13.648	-0.50000	0.0	0.0	0.0
	47.00000	-1.00000	0.00000	-12.613	-0.50000	0.0	0.0	0.0
	48.00000	-1.00000	0.00000	-11.676	-0.50000	0.0	0.0	0.0
	49.00000	-1.00000	0.00000	-10.826	-0.50000	0.0	0.0	0.0
	50.00000	-1.00000	0.00000	-10.051	-0.50000	0.0	0.0	0.0
	51.00000	-1.00000	0.00000	-9.3415	-0.50000	0.0	0.0	0.0
	52.00000	-1.00000	0.00000	-8.6911	-0.50000	0.0	0.0	0.0
	53.00000	-1.00000	0.00000	-8.0933	-0.50000	0.0	0.0	0.0
	54.00000	-1.00000	0.00000	-7.5426	-0.50000	0.0	0.0	0.0
	55.00000	-1.00000	0.00000	-7.0344	-0.50000	0.0	0.0	0.0
	56.00000	-1.00000	0.00000	-6.5646	-0.50000	0.0	0.0	0.0
	57.00000	-1.00000	0.00000	-6.1297	-0.50000	0.0	0.0	0.0
	58.00000	-1.00000	0.00000	-5.7266	-0.50000	0.0	0.

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-18.00000	0.00000	0.00000	-6.0004	-0.50000	0.0	0.0	0.0
	-17.00000	0.00000	0.00000	-6.4282	-0.50000	0.0	0.0	0.0
	-16.00000	0.00000	0.00000	-6.8904	-0.50000	0.0	0.0	0.0
	-15.00000	0.00000	0.00000	-7.3903	-0.50000	0.0	0.0	0.0
	-14.00000	0.00000	0.00000	-7.9319	-0.50000	0.0	0.0	0.0
	-13.00000	0.00000	0.00000	-8.5197	-0.50000	0.0	0.0	0.0
	-12.00000	0.00000	0.00000	-9.1589	-0.50000	0.0	0.0	0.0
	-11.00000	0.00000	0.00000	-9.8556	-0.50000	0.0	0.0	0.0
	-10.00000	0.00000	0.00000	-10.617	-0.50000	0.0	0.0	0.0
	-9.00000	0.00000	0.00000	-11.452	-0.50000	0.0	0.0	0.0
	-8.00000	0.00000	0.00000	-12.370	-0.50000	0.0	0.0	0.0
	-7.00000	0.00000	0.00000	-13.385	-0.50000	0.0	0.0	0.0
	-6.00000	0.00000	0.00000	-14.514	-0.50000	0.0	0.0	0.0
	-5.00000	0.00000	0.00000	-15.776	-0.50000	0.0	0.0	0.0
	-4.00000	0.00000	0.00000	-17.200	-0.50000	0.0	0.0	0.0
	-3.00000	0.00000	0.00000	-18.824	-0.50000	0.0	0.0	0.0
	-2.00000	0.00000	0.00000	-20.704	-0.50000	0.0	0.0	0.0
	-1.00000	0.00000	0.00000	-22.929	-0.50000	0.0	0.0	0.0
	0.00000	0.00000	0.00000	-25.650	-0.50000	0.0	0.0	0.0
	1.00000	0.00000	0.00000	-29.195	-0.50000	0.0	0.0	0.0
	2.00000	0.00000	0.00000	-35.233	-0.50000	0.0	0.0	0.0
	3.00000	0.00000	0.00000	-41.261	-0.50000	0.0	0.0	0.0
	4.00000	0.00000	0.00000	-44.771	-0.50000	0.0	0.0	0.0
	5.00000	0.00000	0.00000	-47.436	-0.50000	0.0	0.0	0.0
	6.00000	0.00000	0.00000	-49.581	-0.50000	0.0	0.0	0.0
	7.00000	0.00000	0.00000	-51.359	-0.50000	0.0	0.0	0.0
	8.00000	0.00000	0.00000	-52.859	-0.50000	0.0	0.0	0.0
	9.00000	0.00000	0.00000	-54.135	-0.50000	0.0	0.0	0.0
	10.00000	0.00000	0.00000	-55.226	-0.50000	0.0	0.0	0.0
	11.00000	0.00000	0.00000	-56.159	-0.50000	0.0	0.0	0.0
	12.00000	0.00000	0.00000	-56.955	-0.50000	0.0	0.0	0.0
	13.00000	0.00000	0.00000	-57.629	-0.50000	0.0	0.0	0.0
	14.00000	0.00000	0.00000	-58.193	-0.50000	0.0	0.0	0.0
	15.00000	0.00000	0.00000	-58.656	-0.50000	0.0	0.0	0.0
	16.00000	0.00000	0.00000	-59.026	-0.50000	0.0	0.0	0.0
	17.00000	0.00000	0.00000	-59.307	-0.50000	0.0	0.0	0.0
	18.00000	0.00000	0.00000	-59.503	-0.50000	0.0	0.0	0.0
	19.00000	0.00000	0.00000	-59.618	-0.50000	0.0	0.0	0.0
	20.00000	0.00000	0.00000	-59.652	-0.50000	0.0	0.0	0.0
	21.00000	0.00000	0.00000	-59.607	-0.50000	0.0	0.0	0.0
	22.00000	0.00000	0.00000	-59.480	-0.50000	0.0	0.0	0.0
	23.00000	0.00000	0.00000	-59.272	-0.50000	0.0	0.0	0.0
	24.00000	0.00000	0.00000	-58.979	-0.50000	0.0	0.0	0.0
	25.00000	0.00000	0.00000	-58.598	-0.50000	0.0	0.0	0.0
	26.00000	0.00000	0.00000	-58.122	-0.50000	0.0	0.0	0.0
	27.00000	0.00000	0.00000	-57.545	-0.50000	0.0	0.0	0.0
	28.00000	0.00000	0.00000	-56.858	-0.50000	0.0	0.0	0.0
	29.00000	0.00000	0.00000	-56.049	-0.50000	0.0	0.0	0.0
	30.00000	0.00000	0.00000	-55.103	-0.50000	0.0	0.0	0.0
	31.00000	0.00000	0.00000	-53.999	-0.50000	0.0	0.0	0.0
	32.00000	0.00000	0.00000	-52.710	-0.50000	0.0	0.0	0.0
	33.00000	0.00000	0.00000	-51.199	-0.50000	0.0	0.0	0.0
	34.00000	0.00000	0.00000	-49.409	-0.50000	0.0	0.0	0.0
	35.00000	0.00000	0.00000	-47.253	-0.50000	0.0	0.0	0.0
	36.00000	0.00000	0.00000	-44.579	-0.50000	0.0	0.0	0.0
	37.00000	0.00000	0.00000	-41.060	-0.50000	0.0	0.0	0.0
	38.00000	0.00000	0.00000	-35.026	-0.50000	0.0	0.0	0.0
	39.00000	0.00000	0.00000	-28.983	-0.50000	0.0	0.0	0.0
	40.00000	0.00000	0.00000	-25.435	-0.50000	0.0	0.0	0.0
	41.00000	0.00000	0.00000	-22.712	-0.50000	0.0	0.0	0.0
	42.00000	0.00000	0.00000	-20.488	-0.50000	0.0	0.0	0.0
	43.00000	0.00000	0.00000	-18.609	-0.50000	0.0	0.0	0.0
	44.00000	0.00000	0.00000	-16.988	-0.50000	0.0	0.0	0.0
	45.00000	0.00000	0.00000	-15.569	-0.50000	0.0	0.0	0.0
	46.00000	0.00000	0.00000	-14.312	-0.50000	0.0	0.0	0.0
	47.00000	0.00000	0.00000	-13.190	-0.50000	0.0	0.0	0.0
	48.00000	0.00000	0.00000	-12.182	-0.50000	0.0	0.0	0.0
	49.00000	0.00000	0.00000	-11.272	-0.50000	0.0	0.0	0.0
	50.00000	0.00000	0.00000	-10.445	-0.50000	0.0	0.0	0.0
	51.00000	0.00000	0.00000	-9.6921	-0.50000	0.0	0.0	0.0
	52.00000	0.00000	0.00000	-9.0038	-0.50000	0.0	0.0	0.0
	53.00000	0.00000	0.00000	-8.3730	-0.50000	0.0	0.0	0.0
	54.00000	0.00000	0.00000	-7.7935	-0.50000	0.0	0.0	0.0
	55.00000	0.00000	0.00000	-7.2600	-0.50000	0.0	0.0	0.0
	56.00000	0.00000	0.00000	-6.7679	-0.50000	0.0	0.0	0.0
	57.00000	0.00000	0.00000	-6.3133	-0.50000	0.0	0.0	0.0
	58.00000	0.00000	0.00000	-5.8927	-0.50000	0.0	0.0	0.0
	59.00000	0.00000	0.00000	-5.5030	-0.50000	0.0	0.0	0.0
	60.00000	0.00000	0.00000	-5.1416	-0.50000	0.0	0.0	0.0
	-20.00000	1.00000	0.00000	-5.3740	-0.50000	0.0	0.0	0.0
	-19.00000	1.00000	0.00000	-5.7563	-0.50000	0.0	0.0	0.0
	-18.00000	1.00000	0.00000	-6.1690	-0.50000	0.0	0.0	0.0
	-17.00000	1.00000	0.00000	-6.6149	-0.50000	0.0	0.0	0.0
	-16.00000	1.00000	0.00000	-7.0975	-0.50000	0.0	0.0	0.0
	-15.00000	1.00000	0.00000	-7.6204	-0.50000	0.0	0.0	0.0
	-14.00000	1.00000	0.00000	-8.1881	-0.50000	0.0	0.0	0.0
	-13.00000	1.00000	0.00000	-8.8056	-0.50000	0.0	0.0	0.0
	-12.00000	1.00000	0.00000	-9.4787	-0.50000	0.0	0.0	0.0
	-11.00000	1.00000	0.00000	-10.214	-0.50000	0.0	0.0	0.0
	-10.00000	1.00000	0.00000	-11.021	-0.50000	0.0	0.0	0.0
	-9.00000	1.00000	0.00000	-11.908	-0.50000	0.0	0.0	0.0
	-8.00000	1.00000	0.00000	-12.888	-0.50000	0.0	0.0	0.0
	-7.00000	1.00000	0.00000	-13.976	-0.50000	0.0	0.0	0.0
	-6.00000	1.00000	0.00000	-15.191	-0.50000	0.0	0.0	0.0
	-5.00000	1.00000	0.00000	-16.560	-0.50000	0.0	0.0	0.0
	-4.00000	1.00000	0.00000	-18.117	-0.50000	0.0	0.0	0.0
	-3.00000	1.00000	0.00000	-19.912	-0.50000	0.0	0.0	0.0
	-2.00000	1.00000	0.00000	-22.020	-0.50000	0.0	0.0	0.0
	-1.00000	1.00000	0.00000	-24.566	-0.50000	0.0	0.0	0.0
	0.00000	1.00000	0.00000	-27.783	-0.50000	0.0	0.0	0.0
	1.00000	1.00000	0.00000	-32.236	-0.50000	0.0	0.0	0.0
	2.00000	1.00000	0.00000	-41.258	-0.50000	0.0	0.0	0.0
	3.00000	1.00000	0.00000	-50.268	-0.50000	0.0	0.0	0.0
	4.00000	1.00000	0.00000	-54.685	-0.50000	0.0	0.0	0.0
	5.00000	1.00000	0.00000	-57.842	-0.50000	0.0	0.0	0.0
	6.00000	1.00000	0.00000	-60.304	-0.50000	0.0	0.0	0.0
	7.00000	1.00000	0.00000	-62.304	-0.50000	0.0	0.0	0.0
	8.00000	1.00000	0.00000	-63.967	-0.50000	0.0	0.0	0.0
	9.00000	1.00000	0.00000	-65.368	-0.50000	0.0	0.0	0.0
	10.00000	1.00000	0.00000	-66.557	-0.50000	0.0	0.0	0.0
	11.00000	1.00000	0.00000	-67.568	-0.50000	0.0	0.0	0.0
	12.00000	1.00000	0.00000	-68.426	-0.50000	0.0	0.0	0.0
	13.00000	1.00000	0.00000	-69.151	-0.50000	0.0	0.0	0.0
	14.00000	1.00000	0.00000	-69.755	-0.50000	0.0	0.0	0.0
	15.00000	1.00000	0.00000	-70.250	-0.50000	0.0	0.0	0.0
	16.00000	1.00000	0.00000	-70.644	-0.50000	0.0	0.0	0.0
	17.00000	1.00000	0.00000	-70.943	-0.50000	0.0	0.0	0.0
	18.00000	1.00000	0.00000	-71.152	-0.50000	0.0	0.0	0.0
	19.00000	1.00000	0.00000	-71.274	-0.50000	0.0	0.0	0.0
	20.00000	1.00000	0.00000	-71.310	-0.50000	0.0	0.0	0.0
	21.00000	1.00000	0.00000	-71.262	-0.50000	0.0	0.0	0.0
	22.00000	1.00000	0.00000	-71.127	-0.50000	0.0	0.0	0.0
	23.00000	1.00000	0.00000	-70.906	-0.50000	0.0	0.0	0.0
	24.00000	1.00000	0.00000	-70.594	-0.50000	0.0	0.0	0.0
	25.00000	1.00000	0.00000	-70.186	-0.50000	0.0	0.0	0.0
	26.00000	1.00000	0.00000	-69.678	-0.50000	0.0	0.0	0.0
	27.00000	1.00000	0.00000	-69.059	-0.50000	0.0	0.0	0.0
	28.00000	1.00000	0.00000	-68.321	-0.50000	0.0	0.0	0.0
	29.00000	1.00000	0.00000	-67.448	-0.50000	0.0	0.0	0.0
	30.00000	1.00000	0.00000	-66.422	-0.50000	0.0	0.0	0.0
	31.00000	1.00000	0.00000	-65.218	-0.50000	0.0	0.0	0.0
	32.00000	1.00000	0.00000	-63.802	-0.50000	0.0	0.0	0.0
	33.00000	1.00000	0.00000	-62.124	-0.50000	0.0	0.0	0.0
	34.00000	1.00000	0.00000	-60.110	-0.50000	0.0	0.0	0.0
	35.00000	1.00000	0.00000	-57.636	-0.50000	0.0	0.0	0.0
	36.00000	1.00000	0.00000	-54.468	-0.50000	0.0	0.0	0.0
	37.00000	1.00000	0.00000	-50.042	-0.50000	0.0	0.0	0.0
	38.00000	1.00000	0.00000	-41.024	-0.50000	0.0	0.0	0.0
	39.00000	1.00000	0.00000	-31.997	-0.50000	0.0	0.0	0.0
	40.00000	1.00000	0.00000	-27.540	-0.50000	0.0	0.0	0.0
	41.00000	1.00000	0.00000	-24.321	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	42.00000	1.00000	0.00000	-21.776	-0.50000	0.0	0.0	0.0
	43.00000	1.00000	0.00000	-19.671	-0.50000	0.0	0.0	0.0
	44.00000	1.00000	0.00000	-17.880	-0.50000	0.0	0.0	0.0
	45.00000	1.00000	0.00000	-16.329	-0.50000	0.0	0.0	0.0
	46.00000	1.00000	0.00000	-14.967	-0.50000	0.0	0.0	0.0
	47.00000	1.00000	0.00000	-13.759	-0.50000	0.0	0.0	0.0
	48.00000	1.00000	0.00000	-12.680	-0.50000	0.0	0.0	0.0
	49.00000	1.00000	0.00000	-11.709	-0.50000	0.0	0.0	0.0
	50.00000	1.00000	0.00000	-10.832	-0.50000	0.0	0.0	0.0
	51.00000	1.00000	0.00000	-10.035	-0.50000	0.0	0.0	0.0
	52.00000	1.00000	0.00000	-9.3096	-0.50000	0.0	0.0	0.0
	53.00000	1.00000	0.00000	-8.6463	-0.50000	0.0	0.0	0.0
	54.00000	1.00000	0.00000	-8.0384	-0.50000	0.0	0.0	0.0
	55.00000	1.00000	0.00000	-7.4799	-0.50000	0.0	0.0	0.0
	56.00000	1.00000	0.00000	-6.9659	-0.50000	0.0	0.0	0.0
	57.00000	1.00000	0.00000	-6.4919	-0.50000	0.0	0.0	0.0
	58.00000	1.00000	0.00000	-6.0541	-0.50000	0.0	0.0	0.0
	59.00000	1.00000	0.00000	-5.6491	-0.50000	0.0	0.0	0.0
	60.00000	1.00000	0.00000	-5.2741	-0.50000	0.0	0.0	0.0
	-20.00000	2.00000	0.00000	-5.5076	-0.50000	0.0	0.0	0.0
	-19.00000	2.00000	0.00000	-5.9040	-0.50000	0.0	0.0	0.0
	-18.00000	2.00000	0.00000	-6.3324	-0.50000	0.0	0.0	0.0
	-17.00000	2.00000	0.00000	-6.7960	-0.50000	0.0	0.0	0.0
	-16.00000	2.00000	0.00000	-7.2985	-0.50000	0.0	0.0	0.0
	-15.00000	2.00000	0.00000	-7.8441	-0.50000	0.0	0.0	0.0
	-14.00000	2.00000	0.00000	-8.4374	-0.50000	0.0	0.0	0.0
	-13.00000	2.00000	0.00000	-9.0840	-0.50000	0.0	0.0	0.0
	-12.00000	2.00000	0.00000	-9.7905	-0.50000	0.0	0.0	0.0
	-11.00000	2.00000	0.00000	-10.564	-0.50000	0.0	0.0	0.0
	-10.00000	2.00000	0.00000	-11.415	-0.50000	0.0	0.0	0.0
	-9.00000	2.00000	0.00000	-12.354	-0.50000	0.0	0.0	0.0
	-8.00000	2.00000	0.00000	-13.394	-0.50000	0.0	0.0	0.0
	-7.00000	2.00000	0.00000	-14.553	-0.50000	0.0	0.0	0.0
	-6.00000	2.00000	0.00000	-15.854	-0.50000	0.0	0.0	0.0
	-5.00000	2.00000	0.00000	-17.327	-0.50000	0.0	0.0	0.0
	-4.00000	2.00000	0.00000	-19.012	-0.50000	0.0	0.0	0.0
	-3.00000	2.00000	0.00000	-20.970	-0.50000	0.0	0.0	0.0
	-2.00000	2.00000	0.00000	-23.290	-0.50000	0.0	0.0	0.0
	-1.00000	2.00000	0.00000	-26.125	-0.50000	0.0	0.0	0.0
	0.00000	2.00000	0.00000	-29.758	-0.50000	0.0	0.0	0.0
	1.00000	2.00000	0.00000	-34.839	-0.50000	0.0	0.0	0.0
	2.00000	2.00000	0.00000	-44.768	-0.50000	0.0	0.0	0.0
	3.00000	2.00000	0.00000	-54.683	-0.50000	0.0	0.0	0.0
	4.00000	2.00000	0.00000	-59.726	-0.50000	0.0	0.0	0.0
	5.00000	2.00000	0.00000	-63.295	-0.50000	0.0	0.0	0.0
	6.00000	2.00000	0.00000	-66.041	-0.50000	0.0	0.0	0.0
	7.00000	2.00000	0.00000	-68.247	-0.50000	0.0	0.0	0.0
	8.00000	2.00000	0.00000	-70.065	-0.50000	0.0	0.0	0.0
	9.00000	2.00000	0.00000	-71.586	-0.50000	0.0	0.0	0.0
	10.00000	2.00000	0.00000	-72.869	-0.50000	0.0	0.0	0.0
	11.00000	2.00000	0.00000	-73.955	-0.50000	0.0	0.0	0.0
	12.00000	2.00000	0.00000	-74.873	-0.50000	0.0	0.0	0.0
	13.00000	2.00000	0.00000	-75.646	-0.50000	0.0	0.0	0.0
	14.00000	2.00000	0.00000	-76.289	-0.50000	0.0	0.0	0.0
	15.00000	2.00000	0.00000	-76.814	-0.50000	0.0	0.0	0.0
	16.00000	2.00000	0.00000	-77.232	-0.50000	0.0	0.0	0.0
	17.00000	2.00000	0.00000	-77.549	-0.50000	0.0	0.0	0.0
	18.00000	2.00000	0.00000	-77.770	-0.50000	0.0	0.0	0.0
	19.00000	2.00000	0.00000	-77.899	-0.50000	0.0	0.0	0.0
	20.00000	2.00000	0.00000	-77.937	-0.50000	0.0	0.0	0.0
	21.00000	2.00000	0.00000	-77.886	-0.50000	0.0	0.0	0.0
	22.00000	2.00000	0.00000	-77.744	-0.50000	0.0	0.0	0.0
	23.00000	2.00000	0.00000	-77.509	-0.50000	0.0	0.0	0.0
	24.00000	2.00000	0.00000	-77.178	-0.50000	0.0	0.0	0.0
	25.00000	2.00000	0.00000	-76.746	-0.50000	0.0	0.0	0.0
	26.00000	2.00000	0.00000	-76.205	-0.50000	0.0	0.0	0.0
	27.00000	2.00000	0.00000	-75.546	-0.50000	0.0	0.0	0.0
	28.00000	2.00000	0.00000	-74.757	-0.50000	0.0	0.0	0.0
	29.00000	2.00000	0.00000	-73.822	-0.50000	0.0	0.0	0.0
	30.00000	2.00000	0.00000	-72.719	-0.50000	0.0	0.0	0.0
	31.00000	2.00000	0.00000	-71.418	-0.50000	0.0	0.0	0.0
	32.00000	2.00000	0.00000	-69.880	-0.50000	0.0	0.0	0.0
	33.00000	2.00000	0.00000	-68.045	-0.50000	0.0	0.0	0.0
	34.00000	2.00000	0.00000	-65.823	-0.50000	0.0	0.0	0.0
	35.00000	2.00000	0.00000	-63.063	-0.50000	0.0	0.0	0.0
	36.00000	2.00000	0.00000	-59.480	-0.50000	0.0	0.0	0.0
	37.00000	2.00000	0.00000	-54.426	-0.50000	0.0	0.0	0.0
	38.00000	2.00000	0.00000	-44.502	-0.50000	0.0	0.0	0.0
	39.00000	2.00000	0.00000	-34.567	-0.50000	0.0	0.0	0.0
	40.00000	2.00000	0.00000	-29.482	-0.50000	0.0	0.0	0.0
	41.00000	2.00000	0.00000	-25.847	-0.50000	0.0	0.0	0.0
	42.00000	2.00000	0.00000	-23.014	-0.50000	0.0	0.0	0.0
	43.00000	2.00000	0.00000	-20.697	-0.50000	0.0	0.0	0.0
	44.00000	2.00000	0.00000	-18.745	-0.50000	0.0	0.0	0.0
	45.00000	2.00000	0.00000	-17.067	-0.50000	0.0	0.0	0.0
	46.00000	2.00000	0.00000	-15.603	-0.50000	0.0	0.0	0.0
	47.00000	2.00000	0.00000	-14.312	-0.50000	0.0	0.0	0.0
	48.00000	2.00000	0.00000	-13.164	-0.50000	0.0	0.0	0.0
	49.00000	2.00000	0.00000	-12.135	-0.50000	0.0	0.0	0.0
	50.00000	2.00000	0.00000	-11.208	-0.50000	0.0	0.0	0.0
	51.00000	2.00000	0.00000	-10.369	-0.50000	0.0	0.0	0.0
	52.00000	2.00000	0.00000	-9.6063	-0.50000	0.0	0.0	0.0
	53.00000	2.00000	0.00000	-8.9112	-0.50000	0.0	0.0	0.0
	54.00000	2.00000	0.00000	-8.2755	-0.50000	0.0	0.0	0.0
	55.00000	2.00000	0.00000	-7.6928	-0.50000	0.0	0.0	0.0
	56.00000	2.00000	0.00000	-7.1574	-0.50000	0.0	0.0	0.0
	57.00000	2.00000	0.00000	-6.6645	-0.50000	0.0	0.0	0.0
	58.00000	2.00000	0.00000	-6.2099	-0.50000	0.0	0.0	0.0
	59.00000	2.00000	0.00000	-5.7901	-0.50000	0.0	0.0	0.0
	60.00000	2.00000	0.00000	-5.4017	-0.50000	0.0	0.0	0.0
	-20.00000	3.00000	0.00000	-5.6358	-0.50000	0.0	0.0	0.0
	-19.00000	3.00000	0.00000	-6.0458	-0.50000	0.0	0.0	0.0
	-18.00000	3.00000	0.00000	-6.4895	-0.50000	0.0	0.0	0.0
	-17.00000	3.00000	0.00000	-6.9704	-0.50000	0.0	0.0	0.0
	-16.00000	3.00000	0.00000	-7.4923	-0.50000	0.0	0.0	0.0
	-15.00000	3.00000	0.00000	-8.0599	-0.50000	0.0	0.0	0.0
	-14.00000	3.00000	0.00000	-8.6782	-0.50000	0.0	0.0	0.0
	-13.00000	3.00000	0.00000	-9.3533	-0.50000	0.0	0.0	0.0
	-12.00000	3.00000	0.00000	-10.092	-0.50000	0.0	0.0	0.0
	-11.00000	3.00000	0.00000	-10.904	-0.50000	0.0	0.0	0.0
	-10.00000	3.00000	0.00000	-11.797	-0.50000	0.0	0.0	0.0
	-9.00000	3.00000	0.00000	-12.786	-0.50000	0.0	0.0	0.0
	-8.00000	3.00000	0.00000	-13.884	-0.50000	0.0	0.0	0.0
	-7.00000	3.00000	0.00000	-15.112	-0.50000	0.0	0.0	0.0
	-6.00000	3.00000	0.00000	-16.495	-0.50000	0.0	0.0	0.0
	-5.00000	3.00000	0.00000	-18.065	-0.50000	0.0	0.0	0.0
	-4.00000	3.00000	0.00000	-19.870	-0.50000	0.0	0.0	0.0
	-3.00000	3.00000	0.00000	-21.977	-0.50000	0.0	0.0	0.0
	-2.00000	3.00000	0.00000	-24.486	-0.50000	0.0	0.0	0.0
	-1.00000	3.00000	0.00000	-27.564	-0.50000	0.0	0.0	0.0
	0.00000	3.00000	0.00000	-31.516	-0.50000	0.0	0.0	0.0
	1.00000	3.00000	0.00000	-37.011	-0.50000	0.0	0.0	0.0
	2.00000	3.00000	0.00000	-47.433	-0.50000	0.0	0.0	0.0
	3.00000	3.00000	0.00000	-57.841	-0.50000	0.0	0.0	0.0
	4.00000	3.00000	0.00000	-63.295	-0.50000	0.0	0.0	0.0
	5.00000	3.00000	0.00000	-67.178	-0.50000	0.0	0.0	0.0
	6.00000	3.00000	0.00000	-70.161	-0.50000	0.0	0.0	0.0
	7.00000	3.00000	0.00000	-72.548	-0.50000	0.0	0.0	0.0
	8.00000	3.00000	0.00000	-74.506	-0.50000	0.0	0.0	0.0
	9.00000	3.00000	0.00000	-76.137	-0.50000	0.0	0.0	0.0
	10.00000	3.00000	0.00000	-77.508	-0.50000	0.0	0.0	0.0
	11.00000	3.00000	0.00000	-78.664	-0.50000	0.0	0.0	0.0
	12.00000	3.00000	0.00000	-79.639	-0.50000	0.0	0.0	0.0
	13.00000	3.00000	0.00000	-80.458	-0.50000	0.0	0.0	0.0
	14.00000	3.00000	0.00000	-81.137	-0.50000	0.0	0.0	0.0
	15.00000	3.00000	0.00000	-81.692	-0.50000	0.0	0.0	0.0
	16.00000	3.00000	0.00000	-82.133	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	21.00000	3.00000	0.00000	-82.821	-0.50000	0.0	0.0	0.0
	22.00000	3.00000	0.00000	-82.671	-0.50000	0.0	0.0	0.0
	23.00000	3.00000	0.00000	-82.424	-0.50000	0.0	0.0	0.0
	24.00000	3.00000	0.00000	-82.075	-0.50000	0.0	0.0	0.0
	25.00000	3.00000	0.00000	-81.618	-0.50000	0.0	0.0	0.0
	26.00000	3.00000	0.00000	-81.046	-0.50000	0.0	0.0	0.0
	27.00000	3.00000	0.00000	-80.349	-0.50000	0.0	0.0	0.0
	28.00000	3.00000	0.00000	-79.512	-0.50000	0.0	0.0	0.0
	29.00000	3.00000	0.00000	-78.517	-0.50000	0.0	0.0	0.0
	30.00000	3.00000	0.00000	-77.341	-0.50000	0.0	0.0	0.0
	31.00000	3.00000	0.00000	-75.950	-0.50000	0.0	0.0	0.0
	32.00000	3.00000	0.00000	-74.299	-0.50000	0.0	0.0	0.0
	33.00000	3.00000	0.00000	-72.321	-0.50000	0.0	0.0	0.0
	34.00000	3.00000	0.00000	-69.915	-0.50000	0.0	0.0	0.0
	35.00000	3.00000	0.00000	-66.914	-0.50000	0.0	0.0	0.0
	36.00000	3.00000	0.00000	-63.015	-0.50000	0.0	0.0	0.0
	37.00000	3.00000	0.00000	-57.548	-0.50000	0.0	0.0	0.0
	38.00000	3.00000	0.00000	-47.129	-0.50000	0.0	0.0	0.0
	39.00000	3.00000	0.00000	-36.700	-0.50000	0.0	0.0	0.0
	40.00000	3.00000	0.00000	-31.200	-0.50000	0.0	0.0	0.0
	41.00000	3.00000	0.00000	-27.247	-0.50000	0.0	0.0	0.0
	42.00000	3.00000	0.00000	-24.171	-0.50000	0.0	0.0	0.0
	43.00000	3.00000	0.00000	-21.667	-0.50000	0.0	0.0	0.0
	44.00000	3.00000	0.00000	-19.568	-0.50000	0.0	0.0	0.0
	45.00000	3.00000	0.00000	-17.773	-0.50000	0.0	0.0	0.0
	46.00000	3.00000	0.00000	-16.213	-0.50000	0.0	0.0	0.0
	47.00000	3.00000	0.00000	-14.843	-0.50000	0.0	0.0	0.0
	48.00000	3.00000	0.00000	-13.628	-0.50000	0.0	0.0	0.0
	49.00000	3.00000	0.00000	-12.544	-0.50000	0.0	0.0	0.0
	50.00000	3.00000	0.00000	-11.569	-0.50000	0.0	0.0	0.0
	51.00000	3.00000	0.00000	-10.689	-0.50000	0.0	0.0	0.0
	52.00000	3.00000	0.00000	-9.8915	-0.50000	0.0	0.0	0.0
	53.00000	3.00000	0.00000	-9.1657	-0.50000	0.0	0.0	0.0
	54.00000	3.00000	0.00000	-8.5033	-0.50000	0.0	0.0	0.0
	55.00000	3.00000	0.00000	-7.8971	-0.50000	0.0	0.0	0.0
	56.00000	3.00000	0.00000	-7.3410	-0.50000	0.0	0.0	0.0
	57.00000	3.00000	0.00000	-6.8299	-0.50000	0.0	0.0	0.0
	58.00000	3.00000	0.00000	-6.3592	-0.50000	0.0	0.0	0.0
	59.00000	3.00000	0.00000	-5.9250	-0.50000	0.0	0.0	0.0
	60.00000	3.00000	0.00000	-5.5239	-0.50000	0.0	0.0	0.0
	-20.00000	4.00000	0.00000	-5.7580	-0.50000	0.0	0.0	0.0
	-19.00000	4.00000	0.00000	-6.1811	-0.50000	0.0	0.0	0.0
	-18.00000	4.00000	0.00000	-6.6395	-0.50000	0.0	0.0	0.0
	-17.00000	4.00000	0.00000	-7.1370	-0.50000	0.0	0.0	0.0
	-16.00000	4.00000	0.00000	-7.6777	-0.50000	0.0	0.0	0.0
	-15.00000	4.00000	0.00000	-8.2665	-0.50000	0.0	0.0	0.0
	-14.00000	4.00000	0.00000	-8.9089	-0.50000	0.0	0.0	0.0
	-13.00000	4.00000	0.00000	-9.6115	-0.50000	0.0	0.0	0.0
	-12.00000	4.00000	0.00000	-10.382	-0.50000	0.0	0.0	0.0
	-11.00000	4.00000	0.00000	-11.229	-0.50000	0.0	0.0	0.0
	-10.00000	4.00000	0.00000	-12.164	-0.50000	0.0	0.0	0.0
	-9.00000	4.00000	0.00000	-13.200	-0.50000	0.0	0.0	0.0
	-8.00000	4.00000	0.00000	-14.355	-0.50000	0.0	0.0	0.0
	-7.00000	4.00000	0.00000	-15.648	-0.50000	0.0	0.0	0.0
	-6.00000	4.00000	0.00000	-17.107	-0.50000	0.0	0.0	0.0
	-5.00000	4.00000	0.00000	-18.768	-0.50000	0.0	0.0	0.0
	-4.00000	4.00000	0.00000	-20.683	-0.50000	0.0	0.0	0.0
	-3.00000	4.00000	0.00000	-22.921	-0.50000	0.0	0.0	0.0
	-2.00000	4.00000	0.00000	-25.591	-0.50000	0.0	0.0	0.0
	-1.00000	4.00000	0.00000	-28.867	-0.50000	0.0	0.0	0.0
	0.00000	4.00000	0.00000	-33.062	-0.50000	0.0	0.0	0.0
	1.00000	4.00000	0.00000	-38.843	-0.50000	0.0	0.0	0.0
	2.00000	4.00000	0.00000	-49.581	-0.50000	0.0	0.0	0.0
	3.00000	4.00000	0.00000	-60.304	-0.50000	0.0	0.0	0.0
	4.00000	4.00000	0.00000	-66.041	-0.50000	0.0	0.0	0.0
	5.00000	4.00000	0.00000	-70.161	-0.50000	0.0	0.0	0.0
	6.00000	4.00000	0.00000	-73.335	-0.50000	0.0	0.0	0.0
	7.00000	4.00000	0.00000	-75.874	-0.50000	0.0	0.0	0.0
	8.00000	4.00000	0.00000	-77.954	-0.50000	0.0	0.0	0.0
	9.00000	4.00000	0.00000	-79.683	-0.50000	0.0	0.0	0.0
	10.00000	4.00000	0.00000	-81.133	-0.50000	0.0	0.0	0.0
	11.00000	4.00000	0.00000	-82.354	-0.50000	0.0	0.0	0.0
	12.00000	4.00000	0.00000	-83.381	-0.50000	0.0	0.0	0.0
	13.00000	4.00000	0.00000	-84.242	-0.50000	0.0	0.0	0.0
	14.00000	4.00000	0.00000	-84.956	-0.50000	0.0	0.0	0.0
	15.00000	4.00000	0.00000	-85.538	-0.50000	0.0	0.0	0.0
	16.00000	4.00000	0.00000	-86.000	-0.50000	0.0	0.0	0.0
	17.00000	4.00000	0.00000	-86.349	-0.50000	0.0	0.0	0.0
	18.00000	4.00000	0.00000	-86.593	-0.50000	0.0	0.0	0.0
	19.00000	4.00000	0.00000	-86.735	-0.50000	0.0	0.0	0.0
	20.00000	4.00000	0.00000	-86.777	-0.50000	0.0	0.0	0.0
	21.00000	4.00000	0.00000	-86.720	-0.50000	0.0	0.0	0.0
	22.00000	4.00000	0.00000	-86.563	-0.50000	0.0	0.0	0.0
	23.00000	4.00000	0.00000	-86.304	-0.50000	0.0	0.0	0.0
	24.00000	4.00000	0.00000	-85.938	-0.50000	0.0	0.0	0.0
	25.00000	4.00000	0.00000	-85.459	-0.50000	0.0	0.0	0.0
	26.00000	4.00000	0.00000	-84.858	-0.50000	0.0	0.0	0.0
	27.00000	4.00000	0.00000	-84.124	-0.50000	0.0	0.0	0.0
	28.00000	4.00000	0.00000	-83.242	-0.50000	0.0	0.0	0.0
	29.00000	4.00000	0.00000	-82.192	-0.50000	0.0	0.0	0.0
	30.00000	4.00000	0.00000	-80.948	-0.50000	0.0	0.0	0.0
	31.00000	4.00000	0.00000	-79.475	-0.50000	0.0	0.0	0.0
	32.00000	4.00000	0.00000	-77.721	-0.50000	0.0	0.0	0.0
	33.00000	4.00000	0.00000	-75.618	-0.50000	0.0	0.0	0.0
	34.00000	4.00000	0.00000	-73.055	-0.50000	0.0	0.0	0.0
	35.00000	4.00000	0.00000	-69.860	-0.50000	0.0	0.0	0.0
	36.00000	4.00000	0.00000	-65.721	-0.50000	0.0	0.0	0.0
	37.00000	4.00000	0.00000	-59.968	-0.50000	0.0	0.0	0.0
	38.00000	4.00000	0.00000	-49.232	-0.50000	0.0	0.0	0.0
	39.00000	4.00000	0.00000	-38.485	-0.50000	0.0	0.0	0.0
	40.00000	4.00000	0.00000	-32.699	-0.50000	0.0	0.0	0.0
	41.00000	4.00000	0.00000	-28.504	-0.50000	0.0	0.0	0.0
	42.00000	4.00000	0.00000	-25.231	-0.50000	0.0	0.0	0.0
	43.00000	4.00000	0.00000	-22.568	-0.50000	0.0	0.0	0.0
	44.00000	4.00000	0.00000	-20.340	-0.50000	0.0	0.0	0.0
	45.00000	4.00000	0.00000	-18.438	-0.50000	0.0	0.0	0.0
	46.00000	4.00000	0.00000	-16.791	-0.50000	0.0	0.0	0.0
	47.00000	4.00000	0.00000	-15.347	-0.50000	0.0	0.0	0.0
	48.00000	4.00000	0.00000	-14.070	-0.50000	0.0	0.0	0.0
	49.00000	4.00000	0.00000	-12.933	-0.50000	0.0	0.0	0.0
	50.00000	4.00000	0.00000	-11.913	-0.50000	0.0	0.0	0.0
	51.00000	4.00000	0.00000	-10.994	-0.50000	0.0	0.0	0.0
	52.00000	4.00000	0.00000	-10.163	-0.50000	0.0	0.0	0.0
	53.00000	4.00000	0.00000	-9.4081	-0.50000	0.0	0.0	0.0
	54.00000	4.00000	0.00000	-8.7201	-0.50000	0.0	0.0	0.0
	55.00000	4.00000	0.00000	-8.0915	-0.50000	0.0	0.0	0.0
	56.00000	4.00000	0.00000	-7.5157	-0.50000	0.0	0.0	0.0
	57.00000	4.00000	0.00000	-6.9872	-0.50000	0.0	0.0	0.0
	58.00000	4.00000	0.00000	-6.5010	-0.50000	0.0	0.0	0.0
	59.00000	4.00000	0.00000	-6.0531	-0.50000	0.0	0.0	0.0
	60.00000	4.00000	0.00000	-5.6398	-0.50000	0.0	0.0	0.0
	-20.00000	5.00000	0.00000	-5.8733	-0.50000	0.0	0.0	0.0
	-19.00000	5.00000	0.00000	-6.3089	-0.50000	0.0	0.0	0.0
	-18.00000	5.00000	0.00000	-6.7814	-0.50000	0.0	0.0	0.0
	-17.00000	5.00000	0.00000	-7.2948	-0.50000	0.0	0.0	0.0
	-16.00000	5.00000	0.00000	-7.8535	-0.50000	0.0	0.0	0.0
	-15.00000	5.00000	0.00000	-8.4626	-0.50000	0.0	0.0	0.0
	-14.00000	5.00000	0.00000	-9.1281	-0.50000	0.0	0.0	0.0
	-13.00000	5.00000	0.00000	-9.8569	-0.50000	0.0	0.0	0.0
	-12.00000	5.00000	0.00000	-10.657	-0.50000	0.0	0.0	0.0
	-11.00000	5.00000	0.00000	-11.539	-0.50000	0.0	0.0	0.0
	-10.00000	5.00000	0.00000	-12.513	-0.50000	0.0	0.0	0.0
	-9.00000	5.00000	0.00000	-13.595	-0.50000	0.0	0.0	0.0
	-8.00000	5.00000	0.00000	-14.802	-0.50000	0.0	0.0	0.0
	-7.00000	5.00000	0.00000	-16.155	-0.50000	0.0	0.0	0.0
	-6.00000	5.00000	0.00000	-17.686	-0.50000	0.0	0.0	0.0
	-5.00000	5.00000	0.00000	-19.430	-0.50000	0.0	0.0	0.0
	-4.00000	5.00000	0.00000	-21.442	-0.50000	0.0	0.0	0.0
	-3.00000	5.00000	0.00000	-23.796	-0.50000	0.0	0.0	0.0
	-2.00000	5.00000	0.00000	-26.602	-0.50000	0.0	0.0	0.0
	-1.00000	5.00000	0.00000	-30.039	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	0.00000	5.00000	0.00000	-34.418	-0.50000	0.0	0.0	0.0
	1.00000	5.00000	0.00000	-40.407	-0.50000	0.0	0.0	0.0
	2.00000	5.00000	0.00000	-51.366	-0.50000	0.0	0.0	0.0
	3.00000	5.00000	0.00000	-62.309	-0.50000	0.0	0.0	0.0
	4.00000	5.00000	0.00000	-68.249	-0.50000	0.0	0.0	0.0
	5.00000	5.00000	0.00000	-72.548	-0.50000	0.0	0.0	0.0
	6.00000	5.00000	0.00000	-75.873	-0.50000	0.0	0.0	0.0
	7.00000	5.00000	0.00000	-78.538	-0.50000	0.0	0.0	0.0
	8.00000	5.00000	0.00000	-80.721	-0.50000	0.0	0.0	0.0
	9.00000	5.00000	0.00000	-82.535	-0.50000	0.0	0.0	0.0
	10.00000	5.00000	0.00000	-84.055	-0.50000	0.0	0.0	0.0
	11.00000	5.00000	0.00000	-85.332	-0.50000	0.0	0.0	0.0
	12.00000	5.00000	0.00000	-86.407	-0.50000	0.0	0.0	0.0
	13.00000	5.00000	0.00000	-87.306	-0.50000	0.0	0.0	0.0
	14.00000	5.00000	0.00000	-88.051	-0.50000	0.0	0.0	0.0
	15.00000	5.00000	0.00000	-88.658	-0.50000	0.0	0.0	0.0
	16.00000	5.00000	0.00000	-89.140	-0.50000	0.0	0.0	0.0
	17.00000	5.00000	0.00000	-89.504	-0.50000	0.0	0.0	0.0
	18.00000	5.00000	0.00000	-89.758	-0.50000	0.0	0.0	0.0
	19.00000	5.00000	0.00000	-89.905	-0.50000	0.0	0.0	0.0
	20.00000	5.00000	0.00000	-89.949	-0.50000	0.0	0.0	0.0
	21.00000	5.00000	0.00000	-89.890	-0.50000	0.0	0.0	0.0
	22.00000	5.00000	0.00000	-89.726	-0.50000	0.0	0.0	0.0
	23.00000	5.00000	0.00000	-89.456	-0.50000	0.0	0.0	0.0
	24.00000	5.00000	0.00000	-89.074	-0.50000	0.0	0.0	0.0
	25.00000	5.00000	0.00000	-88.574	-0.50000	0.0	0.0	0.0
	26.00000	5.00000	0.00000	-87.946	-0.50000	0.0	0.0	0.0
	27.00000	5.00000	0.00000	-87.179	-0.50000	0.0	0.0	0.0
	28.00000	5.00000	0.00000	-86.256	-0.50000	0.0	0.0	0.0
	29.00000	5.00000	0.00000	-85.155	-0.50000	0.0	0.0	0.0
	30.00000	5.00000	0.00000	-83.850	-0.50000	0.0	0.0	0.0
	31.00000	5.00000	0.00000	-82.302	-0.50000	0.0	0.0	0.0
	32.00000	5.00000	0.00000	-80.460	-0.50000	0.0	0.0	0.0
	33.00000	5.00000	0.00000	-78.247	-0.50000	0.0	0.0	0.0
	34.00000	5.00000	0.00000	-75.554	-0.50000	0.0	0.0	0.0
	35.00000	5.00000	0.00000	-72.203	-0.50000	0.0	0.0	0.0
	36.00000	5.00000	0.00000	-67.881	-0.50000	0.0	0.0	0.0
	37.00000	5.00000	0.00000	-61.921	-0.50000	0.0	0.0	0.0
	38.00000	5.00000	0.00000	-50.963	-0.50000	0.0	0.0	0.0
	39.00000	5.00000	0.00000	-39.993	-0.50000	0.0	0.0	0.0
	40.00000	5.00000	0.00000	-33.999	-0.50000	0.0	0.0	0.0
	41.00000	5.00000	0.00000	-29.620	-0.50000	0.0	0.0	0.0
	42.00000	5.00000	0.00000	-26.189	-0.50000	0.0	0.0	0.0
	43.00000	5.00000	0.00000	-23.392	-0.50000	0.0	0.0	0.0
	44.00000	5.00000	0.00000	-21.052	-0.50000	0.0	0.0	0.0
	45.00000	5.00000	0.00000	-19.056	-0.50000	0.0	0.0	0.0
	46.00000	5.00000	0.00000	-17.329	-0.50000	0.0	0.0	0.0
	47.00000	5.00000	0.00000	-15.819	-0.50000	0.0	0.0	0.0
	48.00000	5.00000	0.00000	-14.485	-0.50000	0.0	0.0	0.0
	49.00000	5.00000	0.00000	-13.299	-0.50000	0.0	0.0	0.0
	50.00000	5.00000	0.00000	-12.237	-0.50000	0.0	0.0	0.0
	51.00000	5.00000	0.00000	-11.282	-0.50000	0.0	0.0	0.0
	52.00000	5.00000	0.00000	-10.419	-0.50000	0.0	0.0	0.0
	53.00000	5.00000	0.00000	-9.6365	-0.50000	0.0	0.0	0.0
	54.00000	5.00000	0.00000	-8.9245	-0.50000	0.0	0.0	0.0
	55.00000	5.00000	0.00000	-8.2747	-0.50000	0.0	0.0	0.0
	56.00000	5.00000	0.00000	-7.6803	-0.50000	0.0	0.0	0.0
	57.00000	5.00000	0.00000	-7.1353	-0.50000	0.0	0.0	0.0
	58.00000	5.00000	0.00000	-6.6346	-0.50000	0.0	0.0	0.0
	59.00000	5.00000	0.00000	-6.1737	-0.50000	0.0	0.0	0.0
	60.00000	5.00000	0.00000	-5.7489	-0.50000	0.0	0.0	0.0
	-20.00000	6.00000	0.00000	-5.9812	-0.50000	0.0	0.0	0.0
	-19.00000	6.00000	0.00000	-6.4286	-0.50000	0.0	0.0	0.0
	-18.00000	6.00000	0.00000	-6.9144	-0.50000	0.0	0.0	0.0
	-17.00000	6.00000	0.00000	-7.4428	-0.50000	0.0	0.0	0.0
	-16.00000	6.00000	0.00000	-8.0185	-0.50000	0.0	0.0	0.0
	-15.00000	6.00000	0.00000	-8.6468	-0.50000	0.0	0.0	0.0
	-14.00000	6.00000	0.00000	-9.3342	-0.50000	0.0	0.0	0.0
	-13.00000	6.00000	0.00000	-10.088	-0.50000	0.0	0.0	0.0
	-12.00000	6.00000	0.00000	-10.917	-0.50000	0.0	0.0	0.0
	-11.00000	6.00000	0.00000	-11.831	-0.50000	0.0	0.0	0.0
	-10.00000	6.00000	0.00000	-12.842	-0.50000	0.0	0.0	0.0
	-9.00000	6.00000	0.00000	-13.967	-0.50000	0.0	0.0	0.0
	-8.00000	6.00000	0.00000	-15.222	-0.50000	0.0	0.0	0.0
	-7.00000	6.00000	0.00000	-16.633	-0.50000	0.0	0.0	0.0
	-6.00000	6.00000	0.00000	-18.228	-0.50000	0.0	0.0	0.0
	-5.00000	6.00000	0.00000	-20.048	-0.50000	0.0	0.0	0.0
	-4.00000	6.00000	0.00000	-22.147	-0.50000	0.0	0.0	0.0
	-3.00000	6.00000	0.00000	-24.600	-0.50000	0.0	0.0	0.0
	-2.00000	6.00000	0.00000	-27.521	-0.50000	0.0	0.0	0.0
	-1.00000	6.00000	0.00000	-31.087	-0.50000	0.0	0.0	0.0
	0.00000	6.00000	0.00000	-35.612	-0.50000	0.0	0.0	0.0
	1.00000	6.00000	0.00000	-41.757	-0.50000	0.0	0.0	0.0
	2.00000	6.00000	0.00000	-52.878	-0.50000	0.0	0.0	0.0
	3.00000	6.00000	0.00000	-63.981	-0.50000	0.0	0.0	0.0
	4.00000	6.00000	0.00000	-70.073	-0.50000	0.0	0.0	0.0
	5.00000	6.00000	0.00000	-74.507	-0.50000	0.0	0.0	0.0
	6.00000	6.00000	0.00000	-77.950	-0.50000	0.0	0.0	0.0
	7.00000	6.00000	0.00000	-80.717	-0.50000	0.0	0.0	0.0
	8.00000	6.00000	0.00000	-82.985	-0.50000	0.0	0.0	0.0
	9.00000	6.00000	0.00000	-84.871	-0.50000	0.0	0.0	0.0
	10.00000	6.00000	0.00000	-86.450	-0.50000	0.0	0.0	0.0
	11.00000	6.00000	0.00000	-87.777	-0.50000	0.0	0.0	0.0
	12.00000	6.00000	0.00000	-88.893	-0.50000	0.0	0.0	0.0
	13.00000	6.00000	0.00000	-89.826	-0.50000	0.0	0.0	0.0
	14.00000	6.00000	0.00000	-90.599	-0.50000	0.0	0.0	0.0
	15.00000	6.00000	0.00000	-91.228	-0.50000	0.0	0.0	0.0
	16.00000	6.00000	0.00000	-91.727	-0.50000	0.0	0.0	0.0
	17.00000	6.00000	0.00000	-92.105	-0.50000	0.0	0.0	0.0
	18.00000	6.00000	0.00000	-92.368	-0.50000	0.0	0.0	0.0
	19.00000	6.00000	0.00000	-92.521	-0.50000	0.0	0.0	0.0
	20.00000	6.00000	0.00000	-92.566	-0.50000	0.0	0.0	0.0
	21.00000	6.00000	0.00000	-92.505	-0.50000	0.0	0.0	0.0
	22.00000	6.00000	0.00000	-92.335	-0.50000	0.0	0.0	0.0
	23.00000	6.00000	0.00000	-92.055	-0.50000	0.0	0.0	0.0
	24.00000	6.00000	0.00000	-91.659	-0.50000	0.0	0.0	0.0
	25.00000	6.00000	0.00000	-91.140	-0.50000	0.0	0.0	0.0
	26.00000	6.00000	0.00000	-90.487	-0.50000	0.0	0.0	0.0
	27.00000	6.00000	0.00000	-89.690	-0.50000	0.0	0.0	0.0
	28.00000	6.00000	0.00000	-88.729	-0.50000	0.0	0.0	0.0
	29.00000	6.00000	0.00000	-87.584	-0.50000	0.0	0.0	0.0
	30.00000	6.00000	0.00000	-86.224	-0.50000	0.0	0.0	0.0
	31.00000	6.00000	0.00000	-84.611	-0.50000	0.0	0.0	0.0
	32.00000	6.00000	0.00000	-82.691	-0.50000	0.0	0.0	0.0
	33.00000	6.00000	0.00000	-80.387	-0.50000	0.0	0.0	0.0
	34.00000	6.00000	0.00000	-77.586	-0.50000	0.0	0.0	0.0
	35.00000	6.00000	0.00000	-74.110	-0.50000	0.0	0.0	0.0
	36.00000	6.00000	0.00000	-69.646	-0.50000	0.0	0.0	0.0
	37.00000	6.00000	0.00000	-63.530	-0.50000	0.0	0.0	0.0
	38.00000	6.00000	0.00000	-52.408	-0.50000	0.0	0.0	0.0
	39.00000	6.00000	0.00000	-41.275	-0.50000	0.0	0.0	0.0
	40.00000	6.00000	0.00000	-35.124	-0.50000	0.0	0.0	0.0
	41.00000	6.00000	0.00000	-30.601	-0.50000	0.0	0.0	0.0
	42.00000	6.00000	0.00000	-27.043	-0.50000	0.0	0.0	0.0
	43.00000	6.00000	0.00000	-24.135	-0.50000	0.0	0.0	0.0
	44.00000	6.00000	0.00000	-21.700	-0.50000	0.0	0.0	0.0
	45.00000	6.00000	0.00000	-19.622	-0.50000	0.0	0.0	0.0
	46.00000	6.00000	0.00000	-17.826	-0.50000	0.0	0.0	0.0
	47.00000	6.00000	0.00000	-16.255	-0.50000	0.0	0.0	0.0
	48.00000	6.00000	0.00000	-14.869	-0.50000	0.0	0.0	0.0
	49.00000	6.00000	0.00000	-13.638	-0.50000	0.0	0.0	0.0
	50.00000	6.00000	0.00000	-12.538	-0.50000	0.0	0.0	0.0
	51.00000	6.00000	0.00000	-11.550	-0.50000	0.0	0.0	0.0
	52.00000	6.00000	0.00000	-10.658	-0.50000	0.0	0.0	0.0
	53.00000	6.00000	0.00000	-9.8495	-0.50000	0.0	0.0	0.0
	54.00000	6.00000	0.00000	-9.1150	-0.50000	0.0	0.0	0.0
	55.00000	6.00000	0.00000	-8.4456	-0.50000	0.0	0.0	0.0
	56.00000	6.00000	0.00000	-7.8338	-0.50000	0.0	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	60.00000	6.00000	0.00000	-5.8505	-0.50000	0.0	0.0	0.0
	-20.00000	7.00000	0.00000	-6.0809	-0.50000	0.0	0.0	0.0
	-19.00000	7.00000	0.00000	-6.5393	-0.50000	0.0	0.0	0.0
	-18.00000	7.00000	0.00000	-7.0376	-0.50000	0.0	0.0	0.0
	-17.00000	7.00000	0.00000	-7.5801	-0.50000	0.0	0.0	0.0
	-16.00000	7.00000	0.00000	-8.1717	-0.50000	0.0	0.0	0.0
	-15.00000	7.00000	0.00000	-8.8181	-0.50000	0.0	0.0	0.0
	-14.00000	7.00000	0.00000	-9.5260	-0.50000	0.0	0.0	0.0
	-13.00000	7.00000	0.00000	-10.303	-0.50000	0.0	0.0	0.0
	-12.00000	7.00000	0.00000	-11.159	-0.50000	0.0	0.0	0.0
	-11.00000	7.00000	0.00000	-12.103	-0.50000	0.0	0.0	0.0
	-10.00000	7.00000	0.00000	-13.150	-0.50000	0.0	0.0	0.0
	-9.00000	7.00000	0.00000	-14.314	-0.50000	0.0	0.0	0.0
	-8.00000	7.00000	0.00000	-15.615	-0.50000	0.0	0.0	0.0
	-7.00000	7.00000	0.00000	-17.078	-0.50000	0.0	0.0	0.0
	-6.00000	7.00000	0.00000	-18.732	-0.50000	0.0	0.0	0.0
	-5.00000	7.00000	0.00000	-20.620	-0.50000	0.0	0.0	0.0
	-4.00000	7.00000	0.00000	-22.796	-0.50000	0.0	0.0	0.0
	-3.00000	7.00000	0.00000	-25.336	-0.50000	0.0	0.0	0.0
	-2.00000	7.00000	0.00000	-28.354	-0.50000	0.0	0.0	0.0
	-1.00000	7.00000	0.00000	-32.027	-0.50000	0.0	0.0	0.0
	0.00000	7.00000	0.00000	-36.666	-0.50000	0.0	0.0	0.0
	1.00000	7.00000	0.00000	-42.932	-0.50000	0.0	0.0	0.0
	2.00000	7.00000	0.00000	-54.176	-0.50000	0.0	0.0	0.0
	3.00000	7.00000	0.00000	-65.399	-0.50000	0.0	0.0	0.0
	4.00000	7.00000	0.00000	-71.603	-0.50000	0.0	0.0	0.0
	5.00000	7.00000	0.00000	-76.141	-0.50000	0.0	0.0	0.0
	6.00000	7.00000	0.00000	-79.676	-0.50000	0.0	0.0	0.0
	7.00000	7.00000	0.00000	-82.522	-0.50000	0.0	0.0	0.0
	8.00000	7.00000	0.00000	-84.859	-0.50000	0.0	0.0	0.0
	9.00000	7.00000	0.00000	-86.803	-0.50000	0.0	0.0	0.0
	10.00000	7.00000	0.00000	-88.431	-0.50000	0.0	0.0	0.0
	11.00000	7.00000	0.00000	-89.800	-0.50000	0.0	0.0	0.0
	12.00000	7.00000	0.00000	-90.951	-0.50000	0.0	0.0	0.0
	13.00000	7.00000	0.00000	-91.913	-0.50000	0.0	0.0	0.0
	14.00000	7.00000	0.00000	-92.710	-0.50000	0.0	0.0	0.0
	15.00000	7.00000	0.00000	-93.359	-0.50000	0.0	0.0	0.0
	16.00000	7.00000	0.00000	-93.873	-0.50000	0.0	0.0	0.0
	17.00000	7.00000	0.00000	-94.263	-0.50000	0.0	0.0	0.0
	18.00000	7.00000	0.00000	-94.534	-0.50000	0.0	0.0	0.0
	19.00000	7.00000	0.00000	-94.692	-0.50000	0.0	0.0	0.0
	20.00000	7.00000	0.00000	-94.739	-0.50000	0.0	0.0	0.0
	21.00000	7.00000	0.00000	-94.676	-0.50000	0.0	0.0	0.0
	22.00000	7.00000	0.00000	-94.501	-0.50000	0.0	0.0	0.0
	23.00000	7.00000	0.00000	-94.212	-0.50000	0.0	0.0	0.0
	24.00000	7.00000	0.00000	-93.803	-0.50000	0.0	0.0	0.0
	25.00000	7.00000	0.00000	-93.267	-0.50000	0.0	0.0	0.0
	26.00000	7.00000	0.00000	-92.593	-0.50000	0.0	0.0	0.0
	27.00000	7.00000	0.00000	-91.768	-0.50000	0.0	0.0	0.0
	28.00000	7.00000	0.00000	-90.774	-0.50000	0.0	0.0	0.0
	29.00000	7.00000	0.00000	-89.589	-0.50000	0.0	0.0	0.0
	30.00000	7.00000	0.00000	-88.182	-0.50000	0.0	0.0	0.0
	31.00000	7.00000	0.00000	-86.513	-0.50000	0.0	0.0	0.0
	32.00000	7.00000	0.00000	-84.527	-0.50000	0.0	0.0	0.0
	33.00000	7.00000	0.00000	-82.146	-0.50000	0.0	0.0	0.0
	34.00000	7.00000	0.00000	-79.257	-0.50000	0.0	0.0	0.0
	35.00000	7.00000	0.00000	-75.680	-0.50000	0.0	0.0	0.0
	36.00000	7.00000	0.00000	-71.105	-0.50000	0.0	0.0	0.0
	37.00000	7.00000	0.00000	-64.870	-0.50000	0.0	0.0	0.0
	38.00000	7.00000	0.00000	-53.623	-0.50000	0.0	0.0	0.0
	39.00000	7.00000	0.00000	-42.364	-0.50000	0.0	0.0	0.0
	40.00000	7.00000	0.00000	-36.093	-0.50000	0.0	0.0	0.0
	41.00000	7.00000	0.00000	-31.457	-0.50000	0.0	0.0	0.0
	42.00000	7.00000	0.00000	-27.797	-0.50000	0.0	0.0	0.0
	43.00000	7.00000	0.00000	-24.798	-0.50000	0.0	0.0	0.0
	44.00000	7.00000	0.00000	-22.282	-0.50000	0.0	0.0	0.0
	45.00000	7.00000	0.00000	-20.134	-0.50000	0.0	0.0	0.0
	46.00000	7.00000	0.00000	-18.276	-0.50000	0.0	0.0	0.0
	47.00000	7.00000	0.00000	-16.653	-0.50000	0.0	0.0	0.0
	48.00000	7.00000	0.00000	-15.221	-0.50000	0.0	0.0	0.0
	49.00000	7.00000	0.00000	-13.950	-0.50000	0.0	0.0	0.0
	50.00000	7.00000	0.00000	-12.815	-0.50000	0.0	0.0	0.0
	51.00000	7.00000	0.00000	-11.796	-0.50000	0.0	0.0	0.0
	52.00000	7.00000	0.00000	-10.877	-0.50000	0.0	0.0	0.0
	53.00000	7.00000	0.00000	-10.046	-0.50000	0.0	0.0	0.0
	54.00000	7.00000	0.00000	-9.2905	-0.50000	0.0	0.0	0.0
	55.00000	7.00000	0.00000	-8.6029	-0.50000	0.0	0.0	0.0
	56.00000	7.00000	0.00000	-7.9751	-0.50000	0.0	0.0	0.0
	57.00000	7.00000	0.00000	-7.4005	-0.50000	0.0	0.0	0.0
	58.00000	7.00000	0.00000	-6.8736	-0.50000	0.0	0.0	0.0
	59.00000	7.00000	0.00000	-6.3895	-0.50000	0.0	0.0	0.0
	60.00000	7.00000	0.00000	-5.9439	-0.50000	0.0	0.0	0.0
	-20.00000	8.00000	0.00000	-6.1718	-0.50000	0.0	0.0	0.0
	-19.00000	8.00000	0.00000	-6.6404	-0.50000	0.0	0.0	0.0
	-18.00000	8.00000	0.00000	-7.1502	-0.50000	0.0	0.0	0.0
	-17.00000	8.00000	0.00000	-7.7057	-0.50000	0.0	0.0	0.0
	-16.00000	8.00000	0.00000	-8.3120	-0.50000	0.0	0.0	0.0
	-15.00000	8.00000	0.00000	-8.9752	-0.50000	0.0	0.0	0.0
	-14.00000	8.00000	0.00000	-9.7022	-0.50000	0.0	0.0	0.0
	-13.00000	8.00000	0.00000	-10.501	-0.50000	0.0	0.0	0.0
	-12.00000	8.00000	0.00000	-11.381	-0.50000	0.0	0.0	0.0
	-11.00000	8.00000	0.00000	-12.354	-0.50000	0.0	0.0	0.0
	-10.00000	8.00000	0.00000	-13.433	-0.50000	0.0	0.0	0.0
	-9.00000	8.00000	0.00000	-14.634	-0.50000	0.0	0.0	0.0
	-8.00000	8.00000	0.00000	-15.978	-0.50000	0.0	0.0	0.0
	-7.00000	8.00000	0.00000	-17.488	-0.50000	0.0	0.0	0.0
	-6.00000	8.00000	0.00000	-19.198	-0.50000	0.0	0.0	0.0
	-5.00000	8.00000	0.00000	-21.147	-0.50000	0.0	0.0	0.0
	-4.00000	8.00000	0.00000	-23.392	-0.50000	0.0	0.0	0.0
	-3.00000	8.00000	0.00000	-26.008	-0.50000	0.0	0.0	0.0
	-2.00000	8.00000	0.00000	-29.109	-0.50000	0.0	0.0	0.0
	-1.00000	8.00000	0.00000	-32.871	-0.50000	0.0	0.0	0.0
	0.00000	8.00000	0.00000	-37.603	-0.50000	0.0	0.0	0.0
	1.00000	8.00000	0.00000	-43.963	-0.50000	0.0	0.0	0.0
	2.00000	8.00000	0.00000	-55.301	-0.50000	0.0	0.0	0.0
	3.00000	8.00000	0.00000	-66.614	-0.50000	0.0	0.0	0.0
	4.00000	8.00000	0.00000	-72.902	-0.50000	0.0	0.0	0.0
	5.00000	8.00000	0.00000	-77.517	-0.50000	0.0	0.0	0.0
	6.00000	8.00000	0.00000	-81.121	-0.50000	0.0	0.0	0.0
	7.00000	8.00000	0.00000	-84.028	-0.50000	0.0	0.0	0.0
	8.00000	8.00000	0.00000	-86.418	-0.50000	0.0	0.0	0.0
	9.00000	8.00000	0.00000	-88.407	-0.50000	0.0	0.0	0.0
	10.00000	8.00000	0.00000	-90.075	-0.50000	0.0	0.0	0.0
	11.00000	8.00000	0.00000	-91.478	-0.50000	0.0	0.0	0.0
	12.00000	8.00000	0.00000	-92.657	-0.50000	0.0	0.0	0.0
	13.00000	8.00000	0.00000	-93.644	-0.50000	0.0	0.0	0.0
	14.00000	8.00000	0.00000	-94.461	-0.50000	0.0	0.0	0.0
	15.00000	8.00000	0.00000	-95.126	-0.50000	0.0	0.0	0.0
	16.00000	8.00000	0.00000	-95.654	-0.50000	0.0	0.0	0.0
	17.00000	8.00000	0.00000	-96.053	-0.50000	0.0	0.0	0.0
	18.00000	8.00000	0.00000	-96.332	-0.50000	0.0	0.0	0.0
	19.00000	8.00000	0.00000	-96.494	-0.50000	0.0	0.0	0.0
	20.00000	8.00000	0.00000	-96.543	-0.50000	0.0	0.0	0.0
	21.00000	8.00000	0.00000	-96.478	-0.50000	0.0	0.0	0.0
	22.00000	8.00000	0.00000	-96.300	-0.50000	0.0	0.0	0.0
	23.00000	8.00000	0.00000	-96.003	-0.50000	0.0	0.0	0.0
	24.00000	8.00000	0.00000	-95.583	-0.50000	0.0	0.0	0.0
	25.00000	8.00000	0.00000	-95.032	-0.50000	0.0	0.0	0.0
	26.00000	8.00000	0.00000	-94.339	-0.50000	0.0	0.0	0.0
	27.00000	8.00000	0.00000	-93.491	-0.50000	0.0	0.0	0.0
	28.00000	8.00000	0.00000	-92.469	-0.50000	0.0	0.0	0.0
	29.00000	8.00000	0.00000	-91.249	-0.50000	0.0	0.0	0.0
	30.00000	8.00000	0.00000	-89.802	-0.50000	0.0	0.0	0.0
	31.00000	8.00000	0.00000	-88.085	-0.50000	0.0	0.0	0.0
	32.00000	8.00000	0.00000	-86.043	-0.50000	0.0	0.0	0.0
	33.00000	8.00000	0.00000	-83.598	-0.50000	0.0	0.0	0.0
	34.00000	8.00000	0.00000	-80.637	-0.50000	0.0	0.0	0.0
	35.00000	8.00000	0.00000	-76.980	-0.50000	0.0	0.0	0.0
	36.00000	8.00000	0.00000	-72.317	-0.50000	0.0	0.0	0.0
	37.00000	8.00000	0.00000	-65.988	-0.50000	0.0	0.0	0.0
	38.00000	8.00000	0.00000	-54.644	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	39.00000	8.00000	0.00000	-43.289	-0.50000	0.0	0.0	0.0
	40.00000	8.00000	0.00000	-36.923	-0.50000	0.0	0.0	0.0
	41.00000	8.00000	0.00000	-32.198	-0.50000	0.0	0.0	0.0
	42.00000	8.00000	0.00000	-28.454	-0.50000	0.0	0.0	0.0
	43.00000	8.00000	0.00000	-25.381	-0.50000	0.0	0.0	0.0
	44.00000	8.00000	0.00000	-22.798	-0.50000	0.0	0.0	0.0
	45.00000	8.00000	0.00000	-20.590	-0.50000	0.0	0.0	0.0
	46.00000	8.00000	0.00000	-18.680	-0.50000	0.0	0.0	0.0
	47.00000	8.00000	0.00000	-17.010	-0.50000	0.0	0.0	0.0
	48.00000	8.00000	0.00000	-15.538	-0.50000	0.0	0.0	0.0
	49.00000	8.00000	0.00000	-14.231	-0.50000	0.0	0.0	0.0
	50.00000	8.00000	0.00000	-13.065	-0.50000	0.0	0.0	0.0
	51.00000	8.00000	0.00000	-12.019	-0.50000	0.0	0.0	0.0
	52.00000	8.00000	0.00000	-11.076	-0.50000	0.0	0.0	0.0
	53.00000	8.00000	0.00000	-10.223	-0.50000	0.0	0.0	0.0
	54.00000	8.00000	0.00000	-9.4498	-0.50000	0.0	0.0	0.0
	55.00000	8.00000	0.00000	-8.7458	-0.50000	0.0	0.0	0.0
	56.00000	8.00000	0.00000	-8.1034	-0.50000	0.0	0.0	0.0
	57.00000	8.00000	0.00000	-7.5160	-0.50000	0.0	0.0	0.0
	58.00000	8.00000	0.00000	-6.9777	-0.50000	0.0	0.0	0.0
	59.00000	8.00000	0.00000	-6.4834	-0.50000	0.0	0.0	0.0
	60.00000	8.00000	0.00000	-6.0288	-0.50000	0.0	0.0	0.0
	-20.00000	9.00000	0.00000	-6.2533	-0.50000	0.0	0.0	0.0
	-19.00000	9.00000	0.00000	-6.7312	-0.50000	0.0	0.0	0.0
	-18.00000	9.00000	0.00000	-7.2514	-0.50000	0.0	0.0	0.0
	-17.00000	9.00000	0.00000	-7.8188	-0.50000	0.0	0.0	0.0
	-16.00000	9.00000	0.00000	-8.4386	-0.50000	0.0	0.0	0.0
	-15.00000	9.00000	0.00000	-9.1172	-0.50000	0.0	0.0	0.0
	-14.00000	9.00000	0.00000	-9.8617	-0.50000	0.0	0.0	0.0
	-13.00000	9.00000	0.00000	-10.681	-0.50000	0.0	0.0	0.0
	-12.00000	9.00000	0.00000	-11.584	-0.50000	0.0	0.0	0.0
	-11.00000	9.00000	0.00000	-12.583	-0.50000	0.0	0.0	0.0
	-10.00000	9.00000	0.00000	-13.691	-0.50000	0.0	0.0	0.0
	-9.00000	9.00000	0.00000	-14.927	-0.50000	0.0	0.0	0.0
	-8.00000	9.00000	0.00000	-16.309	-0.50000	0.0	0.0	0.0
	-7.00000	9.00000	0.00000	-17.864	-0.50000	0.0	0.0	0.0
	-6.00000	9.00000	0.00000	-19.624	-0.50000	0.0	0.0	0.0
	-5.00000	9.00000	0.00000	-21.630	-0.50000	0.0	0.0	0.0
	-4.00000	9.00000	0.00000	-23.938	-0.50000	0.0	0.0	0.0
	-3.00000	9.00000	0.00000	-26.623	-0.50000	0.0	0.0	0.0
	-2.00000	9.00000	0.00000	-29.797	-0.50000	0.0	0.0	0.0
	-1.00000	9.00000	0.00000	-33.635	-0.50000	0.0	0.0	0.0
	0.00000	9.00000	0.00000	-38.444	-0.50000	0.0	0.0	0.0
	1.00000	9.00000	0.00000	-44.880	-0.50000	0.0	0.0	0.0
	2.00000	9.00000	0.00000	-56.288	-0.50000	0.0	0.0	0.0
	3.00000	9.00000	0.00000	-67.667	-0.50000	0.0	0.0	0.0
	4.00000	9.00000	0.00000	-74.016	-0.50000	0.0	0.0	0.0
	5.00000	9.00000	0.00000	-78.685	-0.50000	0.0	0.0	0.0
	6.00000	9.00000	0.00000	-82.337	-0.50000	0.0	0.0	0.0
	7.00000	9.00000	0.00000	-85.287	-0.50000	0.0	0.0	0.0
	8.00000	9.00000	0.00000	-87.715	-0.50000	0.0	0.0	0.0
	9.00000	9.00000	0.00000	-89.738	-0.50000	0.0	0.0	0.0
	10.00000	9.00000	0.00000	-91.435	-0.50000	0.0	0.0	0.0
	11.00000	9.00000	0.00000	-92.864	-0.50000	0.0	0.0	0.0
	12.00000	9.00000	0.00000	-94.065	-0.50000	0.0	0.0	0.0
	13.00000	9.00000	0.00000	-95.071	-0.50000	0.0	0.0	0.0
	14.00000	9.00000	0.00000	-95.904	-0.50000	0.0	0.0	0.0
	15.00000	9.00000	0.00000	-96.583	-0.50000	0.0	0.0	0.0
	16.00000	9.00000	0.00000	-97.122	-0.50000	0.0	0.0	0.0
	17.00000	9.00000	0.00000	-97.530	-0.50000	0.0	0.0	0.0
	18.00000	9.00000	0.00000	-97.815	-0.50000	0.0	0.0	0.0
	19.00000	9.00000	0.00000	-97.981	-0.50000	0.0	0.0	0.0
	20.00000	9.00000	0.00000	-98.032	-0.50000	0.0	0.0	0.0
	21.00000	9.00000	0.00000	-97.966	-0.50000	0.0	0.0	0.0
	22.00000	9.00000	0.00000	-97.784	-0.50000	0.0	0.0	0.0
	23.00000	9.00000	0.00000	-97.481	-0.50000	0.0	0.0	0.0
	24.00000	9.00000	0.00000	-97.052	-0.50000	0.0	0.0	0.0
	25.00000	9.00000	0.00000	-96.489	-0.50000	0.0	0.0	0.0
	26.00000	9.00000	0.00000	-95.781	-0.50000	0.0	0.0	0.0
	27.00000	9.00000	0.00000	-94.912	-0.50000	0.0	0.0	0.0
	28.00000	9.00000	0.00000	-93.866	-0.50000	0.0	0.0	0.0
	29.00000	9.00000	0.00000	-92.618	-0.50000	0.0	0.0	0.0
	30.00000	9.00000	0.00000	-91.136	-0.50000	0.0	0.0	0.0
	31.00000	9.00000	0.00000	-89.379	-0.50000	0.0	0.0	0.0
	32.00000	9.00000	0.00000	-87.291	-0.50000	0.0	0.0	0.0
	33.00000	9.00000	0.00000	-84.795	-0.50000	0.0	0.0	0.0
	34.00000	9.00000	0.00000	-81.775	-0.50000	0.0	0.0	0.0
	35.00000	9.00000	0.00000	-78.053	-0.50000	0.0	0.0	0.0
	36.00000	9.00000	0.00000	-73.321	-0.50000	0.0	0.0	0.0
	37.00000	9.00000	0.00000	-66.918	-0.50000	0.0	0.0	0.0
	38.00000	9.00000	0.00000	-55.499	-0.50000	0.0	0.0	0.0
	39.00000	9.00000	0.00000	-44.067	-0.50000	0.0	0.0	0.0
	40.00000	9.00000	0.00000	-37.627	-0.50000	0.0	0.0	0.0
	41.00000	9.00000	0.00000	-32.831	-0.50000	0.0	0.0	0.0
	42.00000	9.00000	0.00000	-29.021	-0.50000	0.0	0.0	0.0
	43.00000	9.00000	0.00000	-25.886	-0.50000	0.0	0.0	0.0
	44.00000	9.00000	0.00000	-23.247	-0.50000	0.0	0.0	0.0
	45.00000	9.00000	0.00000	-20.990	-0.50000	0.0	0.0	0.0
	46.00000	9.00000	0.00000	-19.035	-0.50000	0.0	0.0	0.0
	47.00000	9.00000	0.00000	-17.326	-0.50000	0.0	0.0	0.0
	48.00000	9.00000	0.00000	-15.819	-0.50000	0.0	0.0	0.0
	49.00000	9.00000	0.00000	-14.481	-0.50000	0.0	0.0	0.0
	50.00000	9.00000	0.00000	-13.288	-0.50000	0.0	0.0	0.0
	51.00000	9.00000	0.00000	-12.217	-0.50000	0.0	0.0	0.0
	52.00000	9.00000	0.00000	-11.253	-0.50000	0.0	0.0	0.0
	53.00000	9.00000	0.00000	-10.382	-0.50000	0.0	0.0	0.0
	54.00000	9.00000	0.00000	-9.5919	-0.50000	0.0	0.0	0.0
	55.00000	9.00000	0.00000	-8.8733	-0.50000	0.0	0.0	0.0
	56.00000	9.00000	0.00000	-8.2180	-0.50000	0.0	0.0	0.0
	57.00000	9.00000	0.00000	-7.6190	-0.50000	0.0	0.0	0.0
	58.00000	9.00000	0.00000	-7.0705	-0.50000	0.0	0.0	0.0
	59.00000	9.00000	0.00000	-6.5671	-0.50000	0.0	0.0	0.0
	60.00000	9.00000	0.00000	-6.1044	-0.50000	0.0	0.0	0.0
	-20.00000	10.00000	0.00000	-6.3249	-0.50000	0.0	0.0	0.0
	-19.00000	10.00000	0.00000	-6.8110	-0.50000	0.0	0.0	0.0
	-18.00000	10.00000	0.00000	-7.3406	-0.50000	0.0	0.0	0.0
	-17.00000	10.00000	0.00000	-7.9186	-0.50000	0.0	0.0	0.0
	-16.00000	10.00000	0.00000	-8.5506	-0.50000	0.0	0.0	0.0
	-15.00000	10.00000	0.00000	-9.2429	-0.50000	0.0	0.0	0.0
	-14.00000	10.00000	0.00000	-10.003	-0.50000	0.0	0.0	0.0
	-13.00000	10.00000	0.00000	-10.840	-0.50000	0.0	0.0	0.0
	-12.00000	10.00000	0.00000	-11.764	-0.50000	0.0	0.0	0.0
	-11.00000	10.00000	0.00000	-12.787	-0.50000	0.0	0.0	0.0
	-10.00000	10.00000	0.00000	-13.923	-0.50000	0.0	0.0	0.0
	-9.00000	10.00000	0.00000	-15.190	-0.50000	0.0	0.0	0.0
	-8.00000	10.00000	0.00000	-16.609	-0.50000	0.0	0.0	0.0
	-7.00000	10.00000	0.00000	-18.206	-0.50000	0.0	0.0	0.0
	-6.00000	10.00000	0.00000	-20.013	-0.50000	0.0	0.0	0.0
	-5.00000	10.00000	0.00000	-22.072	-0.50000	0.0	0.0	0.0
	-4.00000	10.00000	0.00000	-24.439	-0.50000	0.0	0.0	0.0
	-3.00000	10.00000	0.00000	-27.188	-0.50000	0.0	0.0	0.0
	-2.00000	10.00000	0.00000	-30.430	-0.50000	0.0	0.0	0.0
	-1.00000	10.00000	0.00000	-34.337	-0.50000	0.0	0.0	0.0
	0.00000	10.00000	0.00000	-39.212	-0.50000	0.0	0.0	0.0
	1.00000	10.00000	0.00000	-45.709	-0.50000	0.0	0.0	0.0
	2.00000	10.00000	0.00000	-57.170	-0.50000	0.0	0.0	0.0
	3.00000	10.00000	0.00000	-68.593	-0.50000	0.0	0.0	0.0
	4.00000	10.00000	0.00000	-74.979	-0.50000	0.0	0.0	0.0
	5.00000	10.00000	0.00000	-79.680	-0.50000	0.0	0.0	0.0
	6.00000	10.00000	0.00000	-83.361	-0.50000	0.0	0.0	0.0
	7.00000	10.00000	0.00000	-86.337	-0.50000	0.0	0.0	0.0
	8.00000	10.00000	0.00000	-88.788	-0.50000	0.0	0.0	0.0
	9.00000	10.00000	0.00000	-90.833	-0.50000	0.0	0.0	0.0
	10.00000	10.00000	0.00000	-92.550	-0.50000	0.0	0.0	0.0
	11.00000	10.00000	0.00000	-93.996	-0.50000	0.0	0.0	0.0
	12.00000	10.00000	0.00000	-95.214	-0.50000	0.0	0.0	0.0
	13.00000	10.00000	0.00000	-96.233	-0.50000	0.0	0.0	0.0
	14.00000	10.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	18.00000	10.00000	0.00000	-99.022	-0.50000	0.0	0.0	0.0
	19.00000	10.00000	0.00000	-99.192	-0.50000	0.0	0.0	0.0
	20.00000	10.00000	0.00000	-99.244	-0.50000	0.0	0.0	0.0
	21.00000	10.00000	0.00000	-99.178	-0.50000	0.0	0.0	0.0
	22.00000	10.00000	0.00000	-98.994	-0.50000	0.0	0.0	0.0
	23.00000	10.00000	0.00000	-98.687	-0.50000	0.0	0.0	0.0
	24.00000	10.00000	0.00000	-98.251	-0.50000	0.0	0.0	0.0
	25.00000	10.00000	0.00000	-97.678	-0.50000	0.0	0.0	0.0
	26.00000	10.00000	0.00000	-96.956	-0.50000	0.0	0.0	0.0
	27.00000	10.00000	0.00000	-96.072	-0.50000	0.0	0.0	0.0
	28.00000	10.00000	0.00000	-95.006	-0.50000	0.0	0.0	0.0
	29.00000	10.00000	0.00000	-93.734	-0.50000	0.0	0.0	0.0
	30.00000	10.00000	0.00000	-92.224	-0.50000	0.0	0.0	0.0
	31.00000	10.00000	0.00000	-90.435	-0.50000	0.0	0.0	0.0
	32.00000	10.00000	0.00000	-88.310	-0.50000	0.0	0.0	0.0
	33.00000	10.00000	0.00000	-85.771	-0.50000	0.0	0.0	0.0
	34.00000	10.00000	0.00000	-82.705	-0.50000	0.0	0.0	0.0
	35.00000	10.00000	0.00000	-78.933	-0.50000	0.0	0.0	0.0
	36.00000	10.00000	0.00000	-74.145	-0.50000	0.0	0.0	0.0
	37.00000	10.00000	0.00000	-67.685	-0.50000	0.0	0.0	0.0
	38.00000	10.00000	0.00000	-56.206	-0.50000	0.0	0.0	0.0
	39.00000	10.00000	0.00000	-44.715	-0.50000	0.0	0.0	0.0
	40.00000	10.00000	0.00000	-38.216	-0.50000	0.0	0.0	0.0
	41.00000	10.00000	0.00000	-33.364	-0.50000	0.0	0.0	0.0
	42.00000	10.00000	0.00000	-29.501	-0.50000	0.0	0.0	0.0
	43.00000	10.00000	0.00000	-26.316	-0.50000	0.0	0.0	0.0
	44.00000	10.00000	0.00000	-23.632	-0.50000	0.0	0.0	0.0
	45.00000	10.00000	0.00000	-21.333	-0.50000	0.0	0.0	0.0
	46.00000	10.00000	0.00000	-19.341	-0.50000	0.0	0.0	0.0
	47.00000	10.00000	0.00000	-17.598	-0.50000	0.0	0.0	0.0
	48.00000	10.00000	0.00000	-16.062	-0.50000	0.0	0.0	0.0
	49.00000	10.00000	0.00000	-14.698	-0.50000	0.0	0.0	0.0
	50.00000	10.00000	0.00000	-13.481	-0.50000	0.0	0.0	0.0
	51.00000	10.00000	0.00000	-12.390	-0.50000	0.0	0.0	0.0
	52.00000	10.00000	0.00000	-11.408	-0.50000	0.0	0.0	0.0
	53.00000	10.00000	0.00000	-10.520	-0.50000	0.0	0.0	0.0
	54.00000	10.00000	0.00000	-9.7160	-0.50000	0.0	0.0	0.0
	55.00000	10.00000	0.00000	-8.9846	-0.50000	0.0	0.0	0.0
	56.00000	10.00000	0.00000	-8.3180	-0.50000	0.0	0.0	0.0
	57.00000	10.00000	0.00000	-7.7091	-0.50000	0.0	0.0	0.0
	58.00000	10.00000	0.00000	-7.1516	-0.50000	0.0	0.0	0.0
	59.00000	10.00000	0.00000	-6.6403	-0.50000	0.0	0.0	0.0
	60.00000	10.00000	0.00000	-6.1705	-0.50000	0.0	0.0	0.0
	-20.00000	11.00000	0.00000	-6.3861	-0.50000	0.0	0.0	0.0
	-19.00000	11.00000	0.00000	-6.8794	-0.50000	0.0	0.0	0.0
	-18.00000	11.00000	0.00000	-7.4171	-0.50000	0.0	0.0	0.0
	-17.00000	11.00000	0.00000	-8.0044	-0.50000	0.0	0.0	0.0
	-16.00000	11.00000	0.00000	-8.6470	-0.50000	0.0	0.0	0.0
	-15.00000	11.00000	0.00000	-9.3516	-0.50000	0.0	0.0	0.0
	-14.00000	11.00000	0.00000	-10.126	-0.50000	0.0	0.0	0.0
	-13.00000	11.00000	0.00000	-10.979	-0.50000	0.0	0.0	0.0
	-12.00000	11.00000	0.00000	-11.922	-0.50000	0.0	0.0	0.0
	-11.00000	11.00000	0.00000	-12.966	-0.50000	0.0	0.0	0.0
	-10.00000	11.00000	0.00000	-14.127	-0.50000	0.0	0.0	0.0
	-9.00000	11.00000	0.00000	-15.423	-0.50000	0.0	0.0	0.0
	-8.00000	11.00000	0.00000	-16.876	-0.50000	0.0	0.0	0.0
	-7.00000	11.00000	0.00000	-18.511	-0.50000	0.0	0.0	0.0
	-6.00000	11.00000	0.00000	-20.363	-0.50000	0.0	0.0	0.0
	-5.00000	11.00000	0.00000	-22.474	-0.50000	0.0	0.0	0.0
	-4.00000	11.00000	0.00000	-24.899	-0.50000	0.0	0.0	0.0
	-3.00000	11.00000	0.00000	-27.713	-0.50000	0.0	0.0	0.0
	-2.00000	11.00000	0.00000	-31.024	-0.50000	0.0	0.0	0.0
	-1.00000	11.00000	0.00000	-34.999	-0.50000	0.0	0.0	0.0
	0.00000	11.00000	0.00000	-39.936	-0.50000	0.0	0.0	0.0
	1.00000	11.00000	0.00000	-46.482	-0.50000	0.0	0.0	0.0
	2.00000	11.00000	0.00000	-57.979	-0.50000	0.0	0.0	0.0
	3.00000	11.00000	0.00000	-69.425	-0.50000	0.0	0.0	0.0
	4.00000	11.00000	0.00000	-75.824	-0.50000	0.0	0.0	0.0
	5.00000	11.00000	0.00000	-80.534	-0.50000	0.0	0.0	0.0
	6.00000	11.00000	0.00000	-84.222	-0.50000	0.0	0.0	0.0
	7.00000	11.00000	0.00000	-87.205	-0.50000	0.0	0.0	0.0
	8.00000	11.00000	0.00000	-89.665	-0.50000	0.0	0.0	0.0
	9.00000	11.00000	0.00000	-91.719	-0.50000	0.0	0.0	0.0
	10.00000	11.00000	0.00000	-93.446	-0.50000	0.0	0.0	0.0
	11.00000	11.00000	0.00000	-94.903	-0.50000	0.0	0.0	0.0
	12.00000	11.00000	0.00000	-96.130	-0.50000	0.0	0.0	0.0
	13.00000	11.00000	0.00000	-97.158	-0.50000	0.0	0.0	0.0
	14.00000	11.00000	0.00000	-98.013	-0.50000	0.0	0.0	0.0
	15.00000	11.00000	0.00000	-98.710	-0.50000	0.0	0.0	0.0
	16.00000	11.00000	0.00000	-99.264	-0.50000	0.0	0.0	0.0
	17.00000	11.00000	0.00000	-99.685	-0.50000	0.0	0.0	0.0
	18.00000	11.00000	0.00000	-99.980	-0.50000	0.0	0.0	0.0
	19.00000	11.00000	0.00000	-100.15	-0.50000	0.0	0.0	0.0
	20.00000	11.00000	0.00000	-100.21	-0.50000	0.0	0.0	0.0
	21.00000	11.00000	0.00000	-100.14	-0.50000	0.0	0.0	0.0
	22.00000	11.00000	0.00000	-99.958	-0.50000	0.0	0.0	0.0
	23.00000	11.00000	0.00000	-99.648	-0.50000	0.0	0.0	0.0
	24.00000	11.00000	0.00000	-99.207	-0.50000	0.0	0.0	0.0
	25.00000	11.00000	0.00000	-98.627	-0.50000	0.0	0.0	0.0
	26.00000	11.00000	0.00000	-97.896	-0.50000	0.0	0.0	0.0
	27.00000	11.00000	0.00000	-97.000	-0.50000	0.0	0.0	0.0
	28.00000	11.00000	0.00000	-95.918	-0.50000	0.0	0.0	0.0
	29.00000	11.00000	0.00000	-94.628	-0.50000	0.0	0.0	0.0
	30.00000	11.00000	0.00000	-93.096	-0.50000	0.0	0.0	0.0
	31.00000	11.00000	0.00000	-91.281	-0.50000	0.0	0.0	0.0
	32.00000	11.00000	0.00000	-89.127	-0.50000	0.0	0.0	0.0
	33.00000	11.00000	0.00000	-86.556	-0.50000	0.0	0.0	0.0
	34.00000	11.00000	0.00000	-83.452	-0.50000	0.0	0.0	0.0
	35.00000	11.00000	0.00000	-79.640	-0.50000	0.0	0.0	0.0
	36.00000	11.00000	0.00000	-74.810	-0.50000	0.0	0.0	0.0
	37.00000	11.00000	0.00000	-68.305	-0.50000	0.0	0.0	0.0
	38.00000	11.00000	0.00000	-56.781	-0.50000	0.0	0.0	0.0
	39.00000	11.00000	0.00000	-45.243	-0.50000	0.0	0.0	0.0
	40.00000	11.00000	0.00000	-38.699	-0.50000	0.0	0.0	0.0
	41.00000	11.00000	0.00000	-33.803	-0.50000	0.0	0.0	0.0
	42.00000	11.00000	0.00000	-29.897	-0.50000	0.0	0.0	0.0
	43.00000	11.00000	0.00000	-26.673	-0.50000	0.0	0.0	0.0
	44.00000	11.00000	0.00000	-23.953	-0.50000	0.0	0.0	0.0
	45.00000	11.00000	0.00000	-21.621	-0.50000	0.0	0.0	0.0
	46.00000	11.00000	0.00000	-19.598	-0.50000	0.0	0.0	0.0
	47.00000	11.00000	0.00000	-17.828	-0.50000	0.0	0.0	0.0
	48.00000	11.00000	0.00000	-16.267	-0.50000	0.0	0.0	0.0
	49.00000	11.00000	0.00000	-14.881	-0.50000	0.0	0.0	0.0
	50.00000	11.00000	0.00000	-13.645	-0.50000	0.0	0.0	0.0
	51.00000	11.00000	0.00000	-12.537	-0.50000	0.0	0.0	0.0
	52.00000	11.00000	0.00000	-11.539	-0.50000	0.0	0.0	0.0
	53.00000	11.00000	0.00000	-10.638	-0.50000	0.0	0.0	0.0
	54.00000	11.00000	0.00000	-9.8213	-0.50000	0.0	0.0	0.0
	55.00000	11.00000	0.00000	-9.0792	-0.50000	0.0	0.0	0.0
	56.00000	11.00000	0.00000	-8.4030	-0.50000	0.0	0.0	0.0
	57.00000	11.00000	0.00000	-7.7855	-0.50000	0.0	0.0	0.0
	58.00000	11.00000	0.00000	-7.2205	-0.50000	0.0	0.0	0.0
	59.00000	11.00000	0.00000	-6.7025	-0.50000	0.0	0.0	0.0
	60.00000	11.00000	0.00000	-6.2267	-0.50000	0.0	0.0	0.0
	-20.00000	12.00000	0.00000	-6.4364	-0.50000	0.0	0.0	0.0
	-19.00000	12.00000	0.00000	-6.9357	-0.50000	0.0	0.0	0.0
	-18.00000	12.00000	0.00000	-7.4804	-0.50000	0.0	0.0	0.0
	-17.00000	12.00000	0.00000	-8.0756	-0.50000	0.0	0.0	0.0
	-16.00000	12.00000	0.00000	-8.7272	-0.50000	0.0	0.0	0.0
	-15.00000	12.00000	0.00000	-9.4423	-0.50000	0.0	0.0	0.0
	-14.00000	12.00000	0.00000	-10.229	-0.50000	0.0	0.0	0.0
	-13.00000	12.00000	0.00000	-11.096	-0.50000	0.0	0.0	0.0
	-12.00000	12.00000	0.00000	-12.055	-0.50000	0.0	0.0	0.0
	-11.00000	12.00000	0.00000	-13.118	-0.50000	0.0	0.0	0.0
	-10.00000	12.00000	0.00000	-14.302	-0.50000	0.0	0.0	0.0
	-9.00000	12.00000	0.00000	-15.625	-0.50000	0.0	0.0	0.0
	-8.00000	12.00000	0.00000	-17.108	-0.50000	0.0	0.0	0.0
	-7.00000	12.00000	0.00000	-18.781	-0.50000	0.0	0.0	0.0
	-6.00000	12.00000	0.00000	-20.677	-0.50000	0.0	0.0	0.0
	-5.00000	12.00000	0.00000	-22.840	-0.50000	0.0	0.0	0.0
	-4.00000	12.00000	0.00000	-25.326	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-3.00000	12.00000	0.00000	-28.210	-0.50000	0.0	0.0	0.0
	-2.00000	12.00000	0.00000	-31.597	-0.50000	0.0	0.0	0.0
	-1.00000	12.00000	0.00000	-35.650	-0.50000	0.0	0.0	0.0
	0.00000	12.00000	0.00000	-40.655	-0.50000	0.0	0.0	0.0
	1.00000	12.00000	0.00000	-47.247	-0.50000	0.0	0.0	0.0
	2.00000	12.00000	0.00000	-58.760	-0.50000	0.0	0.0	0.0
	3.00000	12.00000	0.00000	-70.199	-0.50000	0.0	0.0	0.0
	4.00000	12.00000	0.00000	-76.580	-0.50000	0.0	0.0	0.0
	5.00000	12.00000	0.00000	-81.269	-0.50000	0.0	0.0	0.0
	6.00000	12.00000	0.00000	-84.940	-0.50000	0.0	0.0	0.0
	7.00000	12.00000	0.00000	-87.911	-0.50000	0.0	0.0	0.0
	8.00000	12.00000	0.00000	-90.365	-0.50000	0.0	0.0	0.0
	9.00000	12.00000	0.00000	-92.417	-0.50000	0.0	0.0	0.0
	10.00000	12.00000	0.00000	-94.144	-0.50000	0.0	0.0	0.0
	11.00000	12.00000	0.00000	-95.602	-0.50000	0.0	0.0	0.0
	12.00000	12.00000	0.00000	-96.833	-0.50000	0.0	0.0	0.0
	13.00000	12.00000	0.00000	-97.866	-0.50000	0.0	0.0	0.0
	14.00000	12.00000	0.00000	-98.725	-0.50000	0.0	0.0	0.0
	15.00000	12.00000	0.00000	-99.428	-0.50000	0.0	0.0	0.0
	16.00000	12.00000	0.00000	-99.987	-0.50000	0.0	0.0	0.0
	17.00000	12.00000	0.00000	-100.41	-0.50000	0.0	0.0	0.0
	18.00000	12.00000	0.00000	-100.71	-0.50000	0.0	0.0	0.0
	19.00000	12.00000	0.00000	-100.89	-0.50000	0.0	0.0	0.0
	20.00000	12.00000	0.00000	-100.95	-0.50000	0.0	0.0	0.0
	21.00000	12.00000	0.00000	-100.88	-0.50000	0.0	0.0	0.0
	22.00000	12.00000	0.00000	-100.70	-0.50000	0.0	0.0	0.0
	23.00000	12.00000	0.00000	-100.39	-0.50000	0.0	0.0	0.0
	24.00000	12.00000	0.00000	-99.943	-0.50000	0.0	0.0	0.0
	25.00000	12.00000	0.00000	-99.359	-0.50000	0.0	0.0	0.0
	26.00000	12.00000	0.00000	-98.622	-0.50000	0.0	0.0	0.0
	27.00000	12.00000	0.00000	-97.717	-0.50000	0.0	0.0	0.0
	28.00000	12.00000	0.00000	-96.625	-0.50000	0.0	0.0	0.0
	29.00000	12.00000	0.00000	-95.321	-0.50000	0.0	0.0	0.0
	30.00000	12.00000	0.00000	-93.773	-0.50000	0.0	0.0	0.0
	31.00000	12.00000	0.00000	-91.939	-0.50000	0.0	0.0	0.0
	32.00000	12.00000	0.00000	-89.763	-0.50000	0.0	0.0	0.0
	33.00000	12.00000	0.00000	-87.166	-0.50000	0.0	0.0	0.0
	34.00000	12.00000	0.00000	-84.035	-0.50000	0.0	0.0	0.0
	35.00000	12.00000	0.00000	-80.193	-0.50000	0.0	0.0	0.0
	36.00000	12.00000	0.00000	-75.331	-0.50000	0.0	0.0	0.0
	37.00000	12.00000	0.00000	-68.793	-0.50000	0.0	0.0	0.0
	38.00000	12.00000	0.00000	-57.234	-0.50000	0.0	0.0	0.0
	39.00000	12.00000	0.00000	-45.661	-0.50000	0.0	0.0	0.0
	40.00000	12.00000	0.00000	-39.082	-0.50000	0.0	0.0	0.0
	41.00000	12.00000	0.00000	-34.152	-0.50000	0.0	0.0	0.0
	42.00000	12.00000	0.00000	-30.214	-0.50000	0.0	0.0	0.0
	43.00000	12.00000	0.00000	-26.960	-0.50000	0.0	0.0	0.0
	44.00000	12.00000	0.00000	-24.211	-0.50000	0.0	0.0	0.0
	45.00000	12.00000	0.00000	-21.852	-0.50000	0.0	0.0	0.0
	46.00000	12.00000	0.00000	-19.806	-0.50000	0.0	0.0	0.0
	47.00000	12.00000	0.00000	-18.014	-0.50000	0.0	0.0	0.0
	48.00000	12.00000	0.00000	-16.434	-0.50000	0.0	0.0	0.0
	49.00000	12.00000	0.00000	-15.031	-0.50000	0.0	0.0	0.0
	50.00000	12.00000	0.00000	-13.779	-0.50000	0.0	0.0	0.0
	51.00000	12.00000	0.00000	-12.656	-0.50000	0.0	0.0	0.0
	52.00000	12.00000	0.00000	-11.646	-0.50000	0.0	0.0	0.0
	53.00000	12.00000	0.00000	-10.734	-0.50000	0.0	0.0	0.0
	54.00000	12.00000	0.00000	-9.9073	-0.50000	0.0	0.0	0.0
	55.00000	12.00000	0.00000	-9.1564	-0.50000	0.0	0.0	0.0
	56.00000	12.00000	0.00000	-8.4724	-0.50000	0.0	0.0	0.0
	57.00000	12.00000	0.00000	-7.8480	-0.50000	0.0	0.0	0.0
	58.00000	12.00000	0.00000	-7.2768	-0.50000	0.0	0.0	0.0
	59.00000	12.00000	0.00000	-6.7532	-0.50000	0.0	0.0	0.0
	60.00000	12.00000	0.00000	-6.2725	-0.50000	0.0	0.0	0.0
	-20.00000	13.00000	0.00000	-6.4754	-0.50000	0.0	0.0	0.0
	-19.00000	13.00000	0.00000	-6.9796	-0.50000	0.0	0.0	0.0
	-18.00000	13.00000	0.00000	-7.5298	-0.50000	0.0	0.0	0.0
	-17.00000	13.00000	0.00000	-8.1314	-0.50000	0.0	0.0	0.0
	-16.00000	13.00000	0.00000	-8.7905	-0.50000	0.0	0.0	0.0
	-15.00000	13.00000	0.00000	-9.5142	-0.50000	0.0	0.0	0.0
	-14.00000	13.00000	0.00000	-10.311	-0.50000	0.0	0.0	0.0
	-13.00000	13.00000	0.00000	-11.190	-0.50000	0.0	0.0	0.0
	-12.00000	13.00000	0.00000	-12.163	-0.50000	0.0	0.0	0.0
	-11.00000	13.00000	0.00000	-13.243	-0.50000	0.0	0.0	0.0
	-10.00000	13.00000	0.00000	-14.447	-0.50000	0.0	0.0	0.0
	-9.00000	13.00000	0.00000	-15.793	-0.50000	0.0	0.0	0.0
	-8.00000	13.00000	0.00000	-17.306	-0.50000	0.0	0.0	0.0
	-7.00000	13.00000	0.00000	-19.013	-0.50000	0.0	0.0	0.0
	-6.00000	13.00000	0.00000	-20.953	-0.50000	0.0	0.0	0.0
	-5.00000	13.00000	0.00000	-23.169	-0.50000	0.0	0.0	0.0
	-4.00000	13.00000	0.00000	-25.722	-0.50000	0.0	0.0	0.0
	-3.00000	13.00000	0.00000	-28.688	-0.50000	0.0	0.0	0.0
	-2.00000	13.00000	0.00000	-32.175	-0.50000	0.0	0.0	0.0
	-1.00000	13.00000	0.00000	-36.335	-0.50000	0.0	0.0	0.0
	0.00000	13.00000	0.00000	-41.436	-0.50000	0.0	0.0	0.0
	1.00000	13.00000	0.00000	-48.080	-0.50000	0.0	0.0	0.0
	2.00000	13.00000	0.00000	-59.583	-0.50000	0.0	0.0	0.0
	3.00000	13.00000	0.00000	-70.967	-0.50000	0.0	0.0	0.0
	4.00000	13.00000	0.00000	-77.278	-0.50000	0.0	0.0	0.0
	5.00000	13.00000	0.00000	-81.906	-0.50000	0.0	0.0	0.0
	6.00000	13.00000	0.00000	-85.531	-0.50000	0.0	0.0	0.0
	7.00000	13.00000	0.00000	-88.469	-0.50000	0.0	0.0	0.0
	8.00000	13.00000	0.00000	-90.900	-0.50000	0.0	0.0	0.0
	9.00000	13.00000	0.00000	-92.937	-0.50000	0.0	0.0	0.0
	10.00000	13.00000	0.00000	-94.655	-0.50000	0.0	0.0	0.0
	11.00000	13.00000	0.00000	-96.108	-0.50000	0.0	0.0	0.0
	12.00000	13.00000	0.00000	-97.337	-0.50000	0.0	0.0	0.0
	13.00000	13.00000	0.00000	-98.370	-0.50000	0.0	0.0	0.0
	14.00000	13.00000	0.00000	-99.231	-0.50000	0.0	0.0	0.0
	15.00000	13.00000	0.00000	-99.936	-0.50000	0.0	0.0	0.0
	16.00000	13.00000	0.00000	-100.50	-0.50000	0.0	0.0	0.0
	17.00000	13.00000	0.00000	-100.93	-0.50000	0.0	0.0	0.0
	18.00000	13.00000	0.00000	-101.23	-0.50000	0.0	0.0	0.0
	19.00000	13.00000	0.00000	-101.41	-0.50000	0.0	0.0	0.0
	20.00000	13.00000	0.00000	-101.47	-0.50000	0.0	0.0	0.0
	21.00000	13.00000	0.00000	-101.41	-0.50000	0.0	0.0	0.0
	22.00000	13.00000	0.00000	-101.23	-0.50000	0.0	0.0	0.0
	23.00000	13.00000	0.00000	-100.92	-0.50000	0.0	0.0	0.0
	24.00000	13.00000	0.00000	-100.47	-0.50000	0.0	0.0	0.0
	25.00000	13.00000	0.00000	-99.889	-0.50000	0.0	0.0	0.0
	26.00000	13.00000	0.00000	-99.149	-0.50000	0.0	0.0	0.0
	27.00000	13.00000	0.00000	-98.239	-0.50000	0.0	0.0	0.0
	28.00000	13.00000	0.00000	-97.141	-0.50000	0.0	0.0	0.0
	29.00000	13.00000	0.00000	-95.828	-0.50000	0.0	0.0	0.0
	30.00000	13.00000	0.00000	-94.269	-0.50000	0.0	0.0	0.0
	31.00000	13.00000	0.00000	-92.423	-0.50000	0.0	0.0	0.0
	32.00000	13.00000	0.00000	-90.231	-0.50000	0.0	0.0	0.0
	33.00000	13.00000	0.00000	-87.617	-0.50000	0.0	0.0	0.0
	34.00000	13.00000	0.00000	-84.467	-0.50000	0.0	0.0	0.0
	35.00000	13.00000	0.00000	-80.604	-0.50000	0.0	0.0	0.0
	36.00000	13.00000	0.00000	-75.719	-0.50000	0.0	0.0	0.0
	37.00000	13.00000	0.00000	-69.156	-0.50000	0.0	0.0	0.0
	38.00000	13.00000	0.00000	-57.572	-0.50000	0.0	0.0	0.0
	39.00000	13.00000	0.00000	-45.974	-0.50000	0.0	0.0	0.0
	40.00000	13.00000	0.00000	-39.370	-0.50000	0.0	0.0	0.0
	41.00000	13.00000	0.00000	-34.415	-0.50000	0.0	0.0	0.0
	42.00000	13.00000	0.00000	-30.454	-0.50000	0.0	0.0	0.0
	43.00000	13.00000	0.00000	-27.177	-0.50000	0.0	0.0	0.0
	44.00000	13.00000	0.00000	-24.407	-0.50000	0.0	0.0	0.0
	45.00000	13.00000	0.00000	-22.029	-0.50000	0.0	0.0	0.0
	46.00000	13.00000	0.00000	-19.965	-0.50000	0.0	0.0	0.0
	47.00000	13.00000	0.00000	-18.157	-0.50000	0.0	0.0	0.0
	48.00000	13.00000	0.00000	-16.562	-0.50000	0.0	0.0	0.0
	49.00000	13.00000	0.00000	-15.145	-0.50000	0.0	0.0	0.0
	50.00000	13.00000	0.00000	-13.881	-0.50000	0.0	0.0	0.0
	51.00000	13.00000	0.00000	-12.748	-0.50000	0.0	0.0	0.0
	52.00000	13.00000	0.00000	-11.728	-0.50000	0.0	0.0	0.0
	53.00000	13.00000	0.00000	-10.

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	57.00000	13.00000	0.00000	-7.8962	-0.50000	0.0	0.0	0.0
	58.00000	13.00000	0.00000	-7.3202	-0.50000	0.0	0.0	0.0
	59.00000	13.00000	0.00000	-6.7923	-0.50000	0.0	0.0	0.0
	60.00000	13.00000	0.00000	-6.3078	-0.50000	0.0	0.0	0.0
	-20.00000	14.00000	0.00000	-6.5028	-0.50000	0.0	0.0	0.0
	-19.00000	14.00000	0.00000	-7.0105	-0.50000	0.0	0.0	0.0
	-18.00000	14.00000	0.00000	-7.5649	-0.50000	0.0	0.0	0.0
	-17.00000	14.00000	0.00000	-8.1714	-0.50000	0.0	0.0	0.0
	-16.00000	14.00000	0.00000	-8.8362	-0.50000	0.0	0.0	0.0
	-15.00000	14.00000	0.00000	-9.5666	-0.50000	0.0	0.0	0.0
	-14.00000	14.00000	0.00000	-10.371	-0.50000	0.0	0.0	0.0
	-13.00000	14.00000	0.00000	-11.260	-0.50000	0.0	0.0	0.0
	-12.00000	14.00000	0.00000	-12.244	-0.50000	0.0	0.0	0.0
	-11.00000	14.00000	0.00000	-13.338	-0.50000	0.0	0.0	0.0
	-10.00000	14.00000	0.00000	-14.559	-0.50000	0.0	0.0	0.0
	-9.00000	14.00000	0.00000	-15.926	-0.50000	0.0	0.0	0.0
	-8.00000	14.00000	0.00000	-17.465	-0.50000	0.0	0.0	0.0
	-7.00000	14.00000	0.00000	-19.206	-0.50000	0.0	0.0	0.0
	-6.00000	14.00000	0.00000	-21.188	-0.50000	0.0	0.0	0.0
	-5.00000	14.00000	0.00000	-23.461	-0.50000	0.0	0.0	0.0
	-4.00000	14.00000	0.00000	-26.089	-0.50000	0.0	0.0	0.0
	-3.00000	14.00000	0.00000	-29.158	-0.50000	0.0	0.0	0.0
	-2.00000	14.00000	0.00000	-32.784	-0.50000	0.0	0.0	0.0
	-1.00000	14.00000	0.00000	-37.126	-0.50000	0.0	0.0	0.0
	0.00000	14.00000	0.00000	-42.413	-0.50000	0.0	0.0	0.0
	1.00000	14.00000	0.00000	-49.147	-0.50000	0.0	0.0	0.0
	2.00000	14.00000	0.00000	-60.581	-0.50000	0.0	0.0	0.0
	3.00000	14.00000	0.00000	-71.801	-0.50000	0.0	0.0	0.0
	4.00000	14.00000	0.00000	-77.953	-0.50000	0.0	0.0	0.0
	5.00000	14.00000	0.00000	-82.461	-0.50000	0.0	0.0	0.0
	6.00000	14.00000	0.00000	-86.001	-0.50000	0.0	0.0	0.0
	7.00000	14.00000	0.00000	-88.883	-0.50000	0.0	0.0	0.0
	8.00000	14.00000	0.00000	-91.275	-0.50000	0.0	0.0	0.0
	9.00000	14.00000	0.00000	-93.285	-0.50000	0.0	0.0	0.0
	10.00000	14.00000	0.00000	-94.985	-0.50000	0.0	0.0	0.0
	11.00000	14.00000	0.00000	-96.427	-0.50000	0.0	0.0	0.0
	12.00000	14.00000	0.00000	-97.649	-0.50000	0.0	0.0	0.0
	13.00000	14.00000	0.00000	-98.678	-0.50000	0.0	0.0	0.0
	14.00000	14.00000	0.00000	-99.537	-0.50000	0.0	0.0	0.0
	15.00000	14.00000	0.00000	-100.24	-0.50000	0.0	0.0	0.0
	16.00000	14.00000	0.00000	-100.81	-0.50000	0.0	0.0	0.0
	17.00000	14.00000	0.00000	-101.24	-0.50000	0.0	0.0	0.0
	18.00000	14.00000	0.00000	-101.54	-0.50000	0.0	0.0	0.0
	19.00000	14.00000	0.00000	-101.73	-0.50000	0.0	0.0	0.0
	20.00000	14.00000	0.00000	-101.79	-0.50000	0.0	0.0	0.0
	21.00000	14.00000	0.00000	-101.74	-0.50000	0.0	0.0	0.0
	22.00000	14.00000	0.00000	-101.56	-0.50000	0.0	0.0	0.0
	23.00000	14.00000	0.00000	-101.25	-0.50000	0.0	0.0	0.0
	24.00000	14.00000	0.00000	-100.81	-0.50000	0.0	0.0	0.0
	25.00000	14.00000	0.00000	-100.23	-0.50000	0.0	0.0	0.0
	26.00000	14.00000	0.00000	-99.488	-0.50000	0.0	0.0	0.0
	27.00000	14.00000	0.00000	-98.578	-0.50000	0.0	0.0	0.0
	28.00000	14.00000	0.00000	-97.478	-0.50000	0.0	0.0	0.0
	29.00000	14.00000	0.00000	-96.162	-0.50000	0.0	0.0	0.0
	30.00000	14.00000	0.00000	-94.598	-0.50000	0.0	0.0	0.0
	31.00000	14.00000	0.00000	-92.744	-0.50000	0.0	0.0	0.0
	32.00000	14.00000	0.00000	-90.544	-0.50000	0.0	0.0	0.0
	33.00000	14.00000	0.00000	-87.919	-0.50000	0.0	0.0	0.0
	34.00000	14.00000	0.00000	-84.757	-0.50000	0.0	0.0	0.0
	35.00000	14.00000	0.00000	-80.880	-0.50000	0.0	0.0	0.0
	36.00000	14.00000	0.00000	-75.981	-0.50000	0.0	0.0	0.0
	37.00000	14.00000	0.00000	-69.402	-0.50000	0.0	0.0	0.0
	38.00000	14.00000	0.00000	-57.802	-0.50000	0.0	0.0	0.0
	39.00000	14.00000	0.00000	-46.188	-0.50000	0.0	0.0	0.0
	40.00000	14.00000	0.00000	-39.567	-0.50000	0.0	0.0	0.0
	41.00000	14.00000	0.00000	-34.596	-0.50000	0.0	0.0	0.0
	42.00000	14.00000	0.00000	-30.619	-0.50000	0.0	0.0	0.0
	43.00000	14.00000	0.00000	-27.327	-0.50000	0.0	0.0	0.0
	44.00000	14.00000	0.00000	-24.543	-0.50000	0.0	0.0	0.0
	45.00000	14.00000	0.00000	-22.152	-0.50000	0.0	0.0	0.0
	46.00000	14.00000	0.00000	-20.075	-0.50000	0.0	0.0	0.0
	47.00000	14.00000	0.00000	-18.256	-0.50000	0.0	0.0	0.0
	48.00000	14.00000	0.00000	-16.651	-0.50000	0.0	0.0	0.0
	49.00000	14.00000	0.00000	-15.225	-0.50000	0.0	0.0	0.0
	50.00000	14.00000	0.00000	-13.953	-0.50000	0.0	0.0	0.0
	51.00000	14.00000	0.00000	-12.812	-0.50000	0.0	0.0	0.0
	52.00000	14.00000	0.00000	-11.786	-0.50000	0.0	0.0	0.0
	53.00000	14.00000	0.00000	-10.859	-0.50000	0.0	0.0	0.0
	54.00000	14.00000	0.00000	-10.020	-0.50000	0.0	0.0	0.0
	55.00000	14.00000	0.00000	-9.2573	-0.50000	0.0	0.0	0.0
	56.00000	14.00000	0.00000	-8.5632	-0.50000	0.0	0.0	0.0
	57.00000	14.00000	0.00000	-7.9297	-0.50000	0.0	0.0	0.0
	58.00000	14.00000	0.00000	-7.3503	-0.50000	0.0	0.0	0.0
	59.00000	14.00000	0.00000	-6.8195	-0.50000	0.0	0.0	0.0
	60.00000	14.00000	0.00000	-6.3324	-0.50000	0.0	0.0	0.0
	-20.00000	15.00000	0.00000	-6.5183	-0.50000	0.0	0.0	0.0
	-19.00000	15.00000	0.00000	-7.0283	-0.50000	0.0	0.0	0.0
	-18.00000	15.00000	0.00000	-7.5854	-0.50000	0.0	0.0	0.0
	-17.00000	15.00000	0.00000	-8.1951	-0.50000	0.0	0.0	0.0
	-16.00000	15.00000	0.00000	-8.8638	-0.50000	0.0	0.0	0.0
	-15.00000	15.00000	0.00000	-9.5989	-0.50000	0.0	0.0	0.0
	-14.00000	15.00000	0.00000	-10.409	-0.50000	0.0	0.0	0.0
	-13.00000	15.00000	0.00000	-11.305	-0.50000	0.0	0.0	0.0
	-12.00000	15.00000	0.00000	-12.298	-0.50000	0.0	0.0	0.0
	-11.00000	15.00000	0.00000	-13.403	-0.50000	0.0	0.0	0.0
	-10.00000	15.00000	0.00000	-14.637	-0.50000	0.0	0.0	0.0
	-9.00000	15.00000	0.00000	-16.022	-0.50000	0.0	0.0	0.0
	-8.00000	15.00000	0.00000	-17.583	-0.50000	0.0	0.0	0.0
	-7.00000	15.00000	0.00000	-19.355	-0.50000	0.0	0.0	0.0
	-6.00000	15.00000	0.00000	-21.378	-0.50000	0.0	0.0	0.0
	-5.00000	15.00000	0.00000	-23.709	-0.50000	0.0	0.0	0.0
	-4.00000	15.00000	0.00000	-26.420	-0.50000	0.0	0.0	0.0
	-3.00000	15.00000	0.00000	-29.616	-0.50000	0.0	0.0	0.0
	-2.00000	15.00000	0.00000	-33.446	-0.50000	0.0	0.0	0.0
	-1.00000	15.00000	0.00000	-38.128	-0.50000	0.0	0.0	0.0
	0.00000	15.00000	0.00000	-43.907	-0.50000	0.0	0.0	0.0
	1.00000	15.00000	0.00000	-50.922	-0.50000	0.0	0.0	0.0
	2.00000	15.00000	0.00000	-62.079	-0.50000	0.0	0.0	0.0
	3.00000	15.00000	0.00000	-72.809	-0.50000	0.0	0.0	0.0
	4.00000	15.00000	0.00000	-78.623	-0.50000	0.0	0.0	0.0
	5.00000	15.00000	0.00000	-82.931	-0.50000	0.0	0.0	0.0
	6.00000	15.00000	0.00000	-86.349	-0.50000	0.0	0.0	0.0
	7.00000	15.00000	0.00000	-89.151	-0.50000	0.0	0.0	0.0
	8.00000	15.00000	0.00000	-91.489	-0.50000	0.0	0.0	0.0
	9.00000	15.00000	0.00000	-93.463	-0.50000	0.0	0.0	0.0
	10.00000	15.00000	0.00000	-95.137	-0.50000	0.0	0.0	0.0
	11.00000	15.00000	0.00000	-96.561	-0.50000	0.0	0.0	0.0
	12.00000	15.00000	0.00000	-97.771	-0.50000	0.0	0.0	0.0
	13.00000	15.00000	0.00000	-98.792	-0.50000	0.0	0.0	0.0
	14.00000	15.00000	0.00000	-99.647	-0.50000	0.0	0.0	0.0
	15.00000	15.00000	0.00000	-100.35	-0.50000	0.0	0.0	0.0
	16.00000	15.00000	0.00000	-100.92	-0.50000	0.0	0.0	0.0
	17.00000	15.00000	0.00000	-101.35	-0.50000	0.0	0.0	0.0
	18.00000	15.00000	0.00000	-101.66	-0.50000	0.0	0.0	0.0
	19.00000	15.00000	0.00000	-101.85	-0.50000	0.0	0.0	0.0
	20.00000	15.00000	0.00000	-101.92	-0.50000	0.0	0.0	0.0
	21.00000	15.00000	0.00000	-101.87	-0.50000	0.0	0.0	0.0
	22.00000	15.00000	0.00000	-101.70	-0.50000	0.0	0.0	0.0
	23.00000	15.00000	0.00000	-101.40	-0.50000	0.0	0.0	0.0
	24.00000	15.00000	0.00000	-100.96	-0.50000	0.0	0.0	0.0
	25.00000	15.00000	0.00000	-100.38	-0.50000	0.0	0.0	0.0
	26.00000	15.00000	0.00000	-99.648	-0.50000	0.0	0.0	0.0
	27.00000	15.00000	0.00000	-98.741	-0.50000	0.0	0.0	0.0
	28.00000	15.00000	0.00000	-97.643	-0.50000	0.0	0.0	0.0
	29.00000	15.00000	0.00000	-96.329	-0.50000	0.0	0.0	0.0
	30.00000	15.00000	0.00000	-94.765	-0.50000	0.0	0.0	0.0
	31.00000	15.00000	0.00000	-92.910	-0.50000	0.0	0.0	0.0
	32.00000	15.00000	0.00000	-90.707	-0.50000	0.0	0.0	0.0
	33.00000	15.00000	0.00000	-88.079	-0.50000	0.0	0.0	0.0
	34.00000	15.00000	0.00000	-84.912	-0.50000	0.0	0.0	0.0
	35.00000	15.00000	0.00000	-81.029	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	36.00000	15.00000	0.00000	-76.123	-0.50000	0.0	0.0	0.0
	37.00000	15.00000	0.00000	-69.537	-0.50000	0.0	0.0	0.0
	38.00000	15.00000	0.00000	-57.928	-0.50000	0.0	0.0	0.0
	39.00000	15.00000	0.00000	-46.305	-0.50000	0.0	0.0	0.0
	40.00000	15.00000	0.00000	-39.676	-0.50000	0.0	0.0	0.0
	41.00000	15.00000	0.00000	-34.696	-0.50000	0.0	0.0	0.0
	42.00000	15.00000	0.00000	-30.711	-0.50000	0.0	0.0	0.0
	43.00000	15.00000	0.00000	-27.410	-0.50000	0.0	0.0	0.0
	44.00000	15.00000	0.00000	-24.618	-0.50000	0.0	0.0	0.0
	45.00000	15.00000	0.00000	-22.220	-0.50000	0.0	0.0	0.0
	46.00000	15.00000	0.00000	-20.137	-0.50000	0.0	0.0	0.0
	47.00000	15.00000	0.00000	-18.312	-0.50000	0.0	0.0	0.0
	48.00000	15.00000	0.00000	-16.700	-0.50000	0.0	0.0	0.0
	49.00000	15.00000	0.00000	-15.270	-0.50000	0.0	0.0	0.0
	50.00000	15.00000	0.00000	-13.993	-0.50000	0.0	0.0	0.0
	51.00000	15.00000	0.00000	-12.848	-0.50000	0.0	0.0	0.0
	52.00000	15.00000	0.00000	-11.818	-0.50000	0.0	0.0	0.0
	53.00000	15.00000	0.00000	-10.888	-0.50000	0.0	0.0	0.0
	54.00000	15.00000	0.00000	-10.046	-0.50000	0.0	0.0	0.0
	55.00000	15.00000	0.00000	-9.2805	-0.50000	0.0	0.0	0.0
	56.00000	15.00000	0.00000	-8.5840	-0.50000	0.0	0.0	0.0
	57.00000	15.00000	0.00000	-7.9484	-0.50000	0.0	0.0	0.0
	58.00000	15.00000	0.00000	-7.3671	-0.50000	0.0	0.0	0.0
	59.00000	15.00000	0.00000	-6.8347	-0.50000	0.0	0.0	0.0
	60.00000	15.00000	0.00000	-6.3460	-0.50000	0.0	0.0	0.0
	-20.00000	16.00000	0.00000	-6.5217	-0.50000	0.0	0.0	0.0
	-19.00000	16.00000	0.00000	-7.0326	-0.50000	0.0	0.0	0.0
	-18.00000	16.00000	0.00000	-7.5909	-0.50000	0.0	0.0	0.0
	-17.00000	16.00000	0.00000	-8.2021	-0.50000	0.0	0.0	0.0
	-16.00000	16.00000	0.00000	-8.8727	-0.50000	0.0	0.0	0.0
	-15.00000	16.00000	0.00000	-9.6104	-0.50000	0.0	0.0	0.0
	-14.00000	16.00000	0.00000	-10.424	-0.50000	0.0	0.0	0.0
	-13.00000	16.00000	0.00000	-11.324	-0.50000	0.0	0.0	0.0
	-12.00000	16.00000	0.00000	-12.322	-0.50000	0.0	0.0	0.0
	-11.00000	16.00000	0.00000	-13.435	-0.50000	0.0	0.0	0.0
	-10.00000	16.00000	0.00000	-14.679	-0.50000	0.0	0.0	0.0
	-9.00000	16.00000	0.00000	-16.077	-0.50000	0.0	0.0	0.0
	-8.00000	16.00000	0.00000	-17.658	-0.50000	0.0	0.0	0.0
	-7.00000	16.00000	0.00000	-19.455	-0.50000	0.0	0.0	0.0
	-6.00000	16.00000	0.00000	-21.516	-0.50000	0.0	0.0	0.0
	-5.00000	16.00000	0.00000	-23.902	-0.50000	0.0	0.0	0.0
	-4.00000	16.00000	0.00000	-26.699	-0.50000	0.0	0.0	0.0
	-3.00000	16.00000	0.00000	-30.037	-0.50000	0.0	0.0	0.0
	-2.00000	16.00000	0.00000	-34.127	-0.50000	0.0	0.0	0.0
	-1.00000	16.00000	0.00000	-39.389	-0.50000	0.0	0.0	0.0
	0.00000	16.00000	0.00000	-47.647	-0.50000	0.0	0.0	0.0
	1.00000	16.00000	0.00000	-56.729	-0.50000	0.0	0.0	0.0
	2.00000	16.00000	0.00000	-65.803	-0.50000	0.0	0.0	0.0
	3.00000	16.00000	0.00000	-74.038	-0.50000	0.0	0.0	0.0
	4.00000	16.00000	0.00000	-79.260	-0.50000	0.0	0.0	0.0
	5.00000	16.00000	0.00000	-83.294	-0.50000	0.0	0.0	0.0
	6.00000	16.00000	0.00000	-86.557	-0.50000	0.0	0.0	0.0
	7.00000	16.00000	0.00000	-89.262	-0.50000	0.0	0.0	0.0
	8.00000	16.00000	0.00000	-91.536	-0.50000	0.0	0.0	0.0
	9.00000	16.00000	0.00000	-93.464	-0.50000	0.0	0.0	0.0
	10.00000	16.00000	0.00000	-95.107	-0.50000	0.0	0.0	0.0
	11.00000	16.00000	0.00000	-96.508	-0.50000	0.0	0.0	0.0
	12.00000	16.00000	0.00000	-97.701	-0.50000	0.0	0.0	0.0
	13.00000	16.00000	0.00000	-98.712	-0.50000	0.0	0.0	0.0
	14.00000	16.00000	0.00000	-99.560	-0.50000	0.0	0.0	0.0
	15.00000	16.00000	0.00000	-100.26	-0.50000	0.0	0.0	0.0
	16.00000	16.00000	0.00000	-100.82	-0.50000	0.0	0.0	0.0
	17.00000	16.00000	0.00000	-101.26	-0.50000	0.0	0.0	0.0
	18.00000	16.00000	0.00000	-101.58	-0.50000	0.0	0.0	0.0
	19.00000	16.00000	0.00000	-101.77	-0.50000	0.0	0.0	0.0
	20.00000	16.00000	0.00000	-101.85	-0.50000	0.0	0.0	0.0
	21.00000	16.00000	0.00000	-101.81	-0.50000	0.0	0.0	0.0
	22.00000	16.00000	0.00000	-101.64	-0.50000	0.0	0.0	0.0
	23.00000	16.00000	0.00000	-101.35	-0.50000	0.0	0.0	0.0
	24.00000	16.00000	0.00000	-100.93	-0.50000	0.0	0.0	0.0
	25.00000	16.00000	0.00000	-100.36	-0.50000	0.0	0.0	0.0
	26.00000	16.00000	0.00000	-99.631	-0.50000	0.0	0.0	0.0
	27.00000	16.00000	0.00000	-98.732	-0.50000	0.0	0.0	0.0
	28.00000	16.00000	0.00000	-97.642	-0.50000	0.0	0.0	0.0
	29.00000	16.00000	0.00000	-96.333	-0.50000	0.0	0.0	0.0
	30.00000	16.00000	0.00000	-94.775	-0.50000	0.0	0.0	0.0
	31.00000	16.00000	0.00000	-92.925	-0.50000	0.0	0.0	0.0
	32.00000	16.00000	0.00000	-90.726	-0.50000	0.0	0.0	0.0
	33.00000	16.00000	0.00000	-88.100	-0.50000	0.0	0.0	0.0
	34.00000	16.00000	0.00000	-84.935	-0.50000	0.0	0.0	0.0
	35.00000	16.00000	0.00000	-81.053	-0.50000	0.0	0.0	0.0
	36.00000	16.00000	0.00000	-76.147	-0.50000	0.0	0.0	0.0
	37.00000	16.00000	0.00000	-69.561	-0.50000	0.0	0.0	0.0
	38.00000	16.00000	0.00000	-57.953	-0.50000	0.0	0.0	0.0
	39.00000	16.00000	0.00000	-46.329	-0.50000	0.0	0.0	0.0
	40.00000	16.00000	0.00000	-39.698	-0.50000	0.0	0.0	0.0
	41.00000	16.00000	0.00000	-34.717	-0.50000	0.0	0.0	0.0
	42.00000	16.00000	0.00000	-30.730	-0.50000	0.0	0.0	0.0
	43.00000	16.00000	0.00000	-27.428	-0.50000	0.0	0.0	0.0
	44.00000	16.00000	0.00000	-24.635	-0.50000	0.0	0.0	0.0
	45.00000	16.00000	0.00000	-22.235	-0.50000	0.0	0.0	0.0
	46.00000	16.00000	0.00000	-20.150	-0.50000	0.0	0.0	0.0
	47.00000	16.00000	0.00000	-18.324	-0.50000	0.0	0.0	0.0
	48.00000	16.00000	0.00000	-16.711	-0.50000	0.0	0.0	0.0
	49.00000	16.00000	0.00000	-15.279	-0.50000	0.0	0.0	0.0
	50.00000	16.00000	0.00000	-14.001	-0.50000	0.0	0.0	0.0
	51.00000	16.00000	0.00000	-12.856	-0.50000	0.0	0.0	0.0
	52.00000	16.00000	0.00000	-11.825	-0.50000	0.0	0.0	0.0
	53.00000	16.00000	0.00000	-10.894	-0.50000	0.0	0.0	0.0
	54.00000	16.00000	0.00000	-10.051	-0.50000	0.0	0.0	0.0
	55.00000	16.00000	0.00000	-9.2853	-0.50000	0.0	0.0	0.0
	56.00000	16.00000	0.00000	-8.5882	-0.50000	0.0	0.0	0.0
	57.00000	16.00000	0.00000	-7.9521	-0.50000	0.0	0.0	0.0
	58.00000	16.00000	0.00000	-7.3705	-0.50000	0.0	0.0	0.0
	59.00000	16.00000	0.00000	-6.8377	-0.50000	0.0	0.0	0.0
	60.00000	16.00000	0.00000	-6.3487	-0.50000	0.0	0.0	0.0
	-20.00000	17.00000	0.00000	-6.5129	-0.50000	0.0	0.0	0.0
	-19.00000	17.00000	0.00000	-7.0234	-0.50000	0.0	0.0	0.0
	-18.00000	17.00000	0.00000	-7.5813	-0.50000	0.0	0.0	0.0
	-17.00000	17.00000	0.00000	-8.1922	-0.50000	0.0	0.0	0.0
	-16.00000	17.00000	0.00000	-8.8628	-0.50000	0.0	0.0	0.0
	-15.00000	17.00000	0.00000	-9.6007	-0.50000	0.0	0.0	0.0
	-14.00000	17.00000	0.00000	-10.415	-0.50000	0.0	0.0	0.0
	-13.00000	17.00000	0.00000	-11.316	-0.50000	0.0	0.0	0.0
	-12.00000	17.00000	0.00000	-12.317	-0.50000	0.0	0.0	0.0
	-11.00000	17.00000	0.00000	-13.433	-0.50000	0.0	0.0	0.0
	-10.00000	17.00000	0.00000	-14.683	-0.50000	0.0	0.0	0.0
	-9.00000	17.00000	0.00000	-16.090	-0.50000	0.0	0.0	0.0
	-8.00000	17.00000	0.00000	-17.684	-0.50000	0.0	0.0	0.0
	-7.00000	17.00000	0.00000	-19.502	-0.50000	0.0	0.0	0.0
	-6.00000	17.00000	0.00000	-21.594	-0.50000	0.0	0.0	0.0
	-5.00000	17.00000	0.00000	-24.028	-0.50000	0.0	0.0	0.0
	-4.00000	17.00000	0.00000	-26.903	-0.50000	0.0	0.0	0.0
	-3.00000	17.00000	0.00000	-30.374	-0.50000	0.0	0.0	0.0
	-2.00000	17.00000	0.00000	-34.715	-0.50000	0.0	0.0	0.0
	-1.00000	17.00000	0.00000	-40.546	-0.50000	0.0	0.0	0.0
	0.00000	17.00000	0.00000	-51.274	-0.50000	0.0	0.0	0.0
	1.00000	17.00000	0.00000	-62.414	-0.50000	0.0	0.0	0.0
	2.00000	17.00000	0.00000	-69.395	-0.50000	0.0	0.0	0.0
	3.00000	17.00000	0.00000	-75.126	-0.50000	0.0	0.0	0.0
	4.00000	17.00000	0.00000	-79.745	-0.50000	0.0	0.0	0.0
	5.00000	17.00000	0.00000	-83.497	-0.50000	0.0	0.0	0.0
	6.00000	17.00000	0.00000	-86.599	-0.50000	0.0	0.0	0.0
	7.00000	17.00000	0.00000	-89.200	-0.50000	0.0	0.0	0.0
	8.00000	17.00000	0.00000	-91.403	-0.50000	0.0	0.0	0.0
	9.00000	17.00000	0.00000	-93.280	-0.50000	0.0	0.0	0.0
	10.00000	17.00000	0.00000	-94.886	-0.50000	0.0	0.0	0.0
	11.00000	17.00000	0.00000	-96.260	-0.50000	0.0	0.0	0.

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	15.00000	17.00000	0.00000	-99.968	-0.50000	0.0	0.0	0.0
	16.00000	17.00000	0.00000	-100.53	-0.50000	0.0	0.0	0.0
	17.00000	17.00000	0.00000	-100.97	-0.50000	0.0	0.0	0.0
	18.00000	17.00000	0.00000	-101.29	-0.50000	0.0	0.0	0.0
	19.00000	17.00000	0.00000	-101.49	-0.50000	0.0	0.0	0.0
	20.00000	17.00000	0.00000	-101.58	-0.50000	0.0	0.0	0.0
	21.00000	17.00000	0.00000	-101.55	-0.50000	0.0	0.0	0.0
	22.00000	17.00000	0.00000	-101.40	-0.50000	0.0	0.0	0.0
	23.00000	17.00000	0.00000	-101.12	-0.50000	0.0	0.0	0.0
	24.00000	17.00000	0.00000	-100.71	-0.50000	0.0	0.0	0.0
	25.00000	17.00000	0.00000	-100.15	-0.50000	0.0	0.0	0.0
	26.00000	17.00000	0.00000	-99.438	-0.50000	0.0	0.0	0.0
	27.00000	17.00000	0.00000	-98.552	-0.50000	0.0	0.0	0.0
	28.00000	17.00000	0.00000	-97.474	-0.50000	0.0	0.0	0.0
	29.00000	17.00000	0.00000	-96.177	-0.50000	0.0	0.0	0.0
	30.00000	17.00000	0.00000	-94.630	-0.50000	0.0	0.0	0.0
	31.00000	17.00000	0.00000	-92.790	-0.50000	0.0	0.0	0.0
	32.00000	17.00000	0.00000	-90.600	-0.50000	0.0	0.0	0.0
	33.00000	17.00000	0.00000	-87.984	-0.50000	0.0	0.0	0.0
	34.00000	17.00000	0.00000	-84.828	-0.50000	0.0	0.0	0.0
	35.00000	17.00000	0.00000	-80.954	-0.50000	0.0	0.0	0.0
	36.00000	17.00000	0.00000	-76.056	-0.50000	0.0	0.0	0.0
	37.00000	17.00000	0.00000	-69.478	-0.50000	0.0	0.0	0.0
	38.00000	17.00000	0.00000	-57.876	-0.50000	0.0	0.0	0.0
	39.00000	17.00000	0.00000	-46.259	-0.50000	0.0	0.0	0.0
	40.00000	17.00000	0.00000	-39.634	-0.50000	0.0	0.0	0.0
	41.00000	17.00000	0.00000	-34.659	-0.50000	0.0	0.0	0.0
	42.00000	17.00000	0.00000	-30.677	-0.50000	0.0	0.0	0.0
	43.00000	17.00000	0.00000	-27.381	-0.50000	0.0	0.0	0.0
	44.00000	17.00000	0.00000	-24.592	-0.50000	0.0	0.0	0.0
	45.00000	17.00000	0.00000	-22.196	-0.50000	0.0	0.0	0.0
	46.00000	17.00000	0.00000	-20.115	-0.50000	0.0	0.0	0.0
	47.00000	17.00000	0.00000	-18.292	-0.50000	0.0	0.0	0.0
	48.00000	17.00000	0.00000	-16.683	-0.50000	0.0	0.0	0.0
	49.00000	17.00000	0.00000	-15.254	-0.50000	0.0	0.0	0.0
	50.00000	17.00000	0.00000	-13.978	-0.50000	0.0	0.0	0.0
	51.00000	17.00000	0.00000	-12.835	-0.50000	0.0	0.0	0.0
	52.00000	17.00000	0.00000	-11.806	-0.50000	0.0	0.0	0.0
	53.00000	17.00000	0.00000	-10.877	-0.50000	0.0	0.0	0.0
	54.00000	17.00000	0.00000	-10.036	-0.50000	0.0	0.0	0.0
	55.00000	17.00000	0.00000	-9.2716	-0.50000	0.0	0.0	0.0
	56.00000	17.00000	0.00000	-8.5759	-0.50000	0.0	0.0	0.0
	57.00000	17.00000	0.00000	-7.9410	-0.50000	0.0	0.0	0.0
	58.00000	17.00000	0.00000	-7.3604	-0.50000	0.0	0.0	0.0
	59.00000	17.00000	0.00000	-6.8285	-0.50000	0.0	0.0	0.0
	60.00000	17.00000	0.00000	-6.3404	-0.50000	0.0	0.0	0.0
	-20.00000	18.00000	0.00000	-6.4918	-0.50000	0.0	0.0	0.0
	-19.00000	18.00000	0.00000	-7.0004	-0.50000	0.0	0.0	0.0
	-18.00000	18.00000	0.00000	-7.5563	-0.50000	0.0	0.0	0.0
	-17.00000	18.00000	0.00000	-8.1652	-0.50000	0.0	0.0	0.0
	-16.00000	18.00000	0.00000	-8.8337	-0.50000	0.0	0.0	0.0
	-15.00000	18.00000	0.00000	-9.5694	-0.50000	0.0	0.0	0.0
	-14.00000	18.00000	0.00000	-10.382	-0.50000	0.0	0.0	0.0
	-13.00000	18.00000	0.00000	-11.281	-0.50000	0.0	0.0	0.0
	-12.00000	18.00000	0.00000	-12.281	-0.50000	0.0	0.0	0.0
	-11.00000	18.00000	0.00000	-13.396	-0.50000	0.0	0.0	0.0
	-10.00000	18.00000	0.00000	-14.647	-0.50000	0.0	0.0	0.0
	-9.00000	18.00000	0.00000	-16.058	-0.50000	0.0	0.0	0.0
	-8.00000	18.00000	0.00000	-17.658	-0.50000	0.0	0.0	0.0
	-7.00000	18.00000	0.00000	-19.488	-0.50000	0.0	0.0	0.0
	-6.00000	18.00000	0.00000	-21.601	-0.50000	0.0	0.0	0.0
	-5.00000	18.00000	0.00000	-24.071	-0.50000	0.0	0.0	0.0
	-4.00000	18.00000	0.00000	-27.005	-0.50000	0.0	0.0	0.0
	-3.00000	18.00000	0.00000	-30.577	-0.50000	0.0	0.0	0.0
	-2.00000	18.00000	0.00000	-35.094	-0.50000	0.0	0.0	0.0
	-1.00000	18.00000	0.00000	-41.236	-0.50000	0.0	0.0	0.0
	0.00000	18.00000	0.00000	-52.428	-0.50000	0.0	0.0	0.0
	1.00000	18.00000	0.00000	-63.818	-0.50000	0.0	0.0	0.0
	2.00000	18.00000	0.00000	-70.493	-0.50000	0.0	0.0	0.0
	3.00000	18.00000	0.00000	-75.705	-0.50000	0.0	0.0	0.0
	4.00000	18.00000	0.00000	-79.960	-0.50000	0.0	0.0	0.0
	5.00000	18.00000	0.00000	-83.486	-0.50000	0.0	0.0	0.0
	6.00000	18.00000	0.00000	-86.441	-0.50000	0.0	0.0	0.0
	7.00000	18.00000	0.00000	-88.942	-0.50000	0.0	0.0	0.0
	8.00000	18.00000	0.00000	-91.072	-0.50000	0.0	0.0	0.0
	9.00000	18.00000	0.00000	-92.896	-0.50000	0.0	0.0	0.0
	10.00000	18.00000	0.00000	-94.461	-0.50000	0.0	0.0	0.0
	11.00000	18.00000	0.00000	-95.806	-0.50000	0.0	0.0	0.0
	12.00000	18.00000	0.00000	-96.958	-0.50000	0.0	0.0	0.0
	13.00000	18.00000	0.00000	-97.940	-0.50000	0.0	0.0	0.0
	14.00000	18.00000	0.00000	-98.770	-0.50000	0.0	0.0	0.0
	15.00000	18.00000	0.00000	-99.462	-0.50000	0.0	0.0	0.0
	16.00000	18.00000	0.00000	-100.02	-0.50000	0.0	0.0	0.0
	17.00000	18.00000	0.00000	-100.47	-0.50000	0.0	0.0	0.0
	18.00000	18.00000	0.00000	-100.79	-0.50000	0.0	0.0	0.0
	19.00000	18.00000	0.00000	-101.01	-0.50000	0.0	0.0	0.0
	20.00000	18.00000	0.00000	-101.10	-0.50000	0.0	0.0	0.0
	21.00000	18.00000	0.00000	-101.09	-0.50000	0.0	0.0	0.0
	22.00000	18.00000	0.00000	-100.95	-0.50000	0.0	0.0	0.0
	23.00000	18.00000	0.00000	-100.69	-0.50000	0.0	0.0	0.0
	24.00000	18.00000	0.00000	-100.30	-0.50000	0.0	0.0	0.0
	25.00000	18.00000	0.00000	-99.760	-0.50000	0.0	0.0	0.0
	26.00000	18.00000	0.00000	-99.066	-0.50000	0.0	0.0	0.0
	27.00000	18.00000	0.00000	-98.198	-0.50000	0.0	0.0	0.0
	28.00000	18.00000	0.00000	-97.137	-0.50000	0.0	0.0	0.0
	29.00000	18.00000	0.00000	-95.858	-0.50000	0.0	0.0	0.0
	30.00000	18.00000	0.00000	-94.327	-0.50000	0.0	0.0	0.0
	31.00000	18.00000	0.00000	-92.504	-0.50000	0.0	0.0	0.0
	32.00000	18.00000	0.00000	-90.331	-0.50000	0.0	0.0	0.0
	33.00000	18.00000	0.00000	-87.730	-0.50000	0.0	0.0	0.0
	34.00000	18.00000	0.00000	-84.589	-0.50000	0.0	0.0	0.0
	35.00000	18.00000	0.00000	-80.731	-0.50000	0.0	0.0	0.0
	36.00000	18.00000	0.00000	-75.848	-0.50000	0.0	0.0	0.0
	37.00000	18.00000	0.00000	-69.285	-0.50000	0.0	0.0	0.0
	38.00000	18.00000	0.00000	-57.698	-0.50000	0.0	0.0	0.0
	39.00000	18.00000	0.00000	-46.095	-0.50000	0.0	0.0	0.0
	40.00000	18.00000	0.00000	-39.484	-0.50000	0.0	0.0	0.0
	41.00000	18.00000	0.00000	-34.522	-0.50000	0.0	0.0	0.0
	42.00000	18.00000	0.00000	-30.552	-0.50000	0.0	0.0	0.0
	43.00000	18.00000	0.00000	-27.267	-0.50000	0.0	0.0	0.0
	44.00000	18.00000	0.00000	-24.489	-0.50000	0.0	0.0	0.0
	45.00000	18.00000	0.00000	-22.104	-0.50000	0.0	0.0	0.0
	46.00000	18.00000	0.00000	-20.032	-0.50000	0.0	0.0	0.0
	47.00000	18.00000	0.00000	-18.217	-0.50000	0.0	0.0	0.0
	48.00000	18.00000	0.00000	-16.615	-0.50000	0.0	0.0	0.0
	49.00000	18.00000	0.00000	-15.193	-0.50000	0.0	0.0	0.0
	50.00000	18.00000	0.00000	-13.924	-0.50000	0.0	0.0	0.0
	51.00000	18.00000	0.00000	-12.786	-0.50000	0.0	0.0	0.0
	52.00000	18.00000	0.00000	-11.762	-0.50000	0.0	0.0	0.0
	53.00000	18.00000	0.00000	-10.838	-0.50000	0.0	0.0	0.0
	54.00000	18.00000	0.00000	-10.000	-0.50000	0.0	0.0	0.0
	55.00000	18.00000	0.00000	-9.2396	-0.50000	0.0	0.0	0.0
	56.00000	18.00000	0.00000	-8.5470	-0.50000	0.0	0.0	0.0
	57.00000	18.00000	0.00000	-7.9149	-0.50000	0.0	0.0	0.0
	58.00000	18.00000	0.00000	-7.3369	-0.50000	0.0	0.0	0.0
	59.00000	18.00000	0.00000	-6.8073	-0.50000	0.0	0.0	0.0
	60.00000	18.00000	0.00000	-6.3211	-0.50000	0.0	0.0	0.0
	-20.00000	19.00000	0.00000	-6.4584	-0.50000	0.0	0.0	0.0
	-19.00000	19.00000	0.00000	-6.9638	-0.50000	0.0	0.0	0.0
	-18.00000	19.00000	0.00000	-7.5161	-0.50000	0.0	0.0	0.0
	-17.00000	19.00000	0.00000	-8.1211	-0.50000	0.0	0.0	0.0
	-16.00000	19.00000	0.00000	-8.7853	-0.50000	0.0	0.0	0.0
	-15.00000	19.00000	0.00000	-9.5165	-0.50000	0.0	0.0	0.0
	-14.00000	19.00000	0.00000	-10.324	-0.50000	0.0	0.0	0.0
	-13.00000	19.00000	0.00000	-11.218	-0.50000	0.0	0.0	0.0
	-12.00000	19.00000	0.00000	-12.213	-0.50000	0.0	0.0	0.0
	-11.00000	19.00000	0.00000	-13.324	-0.50000	0.0	0.0	0.0
	-10.00000	19.00000	0.00000	-14.570	-0.50000	0.0	0.0	0.0
	-9.00000	19.00000	0.00000	-15.978	-0.50000	0.0	0.0	0.0
	-8.00000	19.00000	0.00000	-17.577	-0.50000	0.0	0.0	0.0
	-7.00000	19.00000	0.00000	-19.410	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-6.00000	19.00000	0.00000	-21.532	-0.50000	0.0	0.0	0.0
	-5.00000	19.00000	0.00000	-24.020	-0.50000	0.0	0.0	0.0
	-4.00000	19.00000	0.00000	-26.989	-0.50000	0.0	0.0	0.0
	-3.00000	19.00000	0.00000	-30.619	-0.50000	0.0	0.0	0.0
	-2.00000	19.00000	0.00000	-35.229	-0.50000	0.0	0.0	0.0
	-1.00000	19.00000	0.00000	-41.503	-0.50000	0.0	0.0	0.0
	0.00000	19.00000	0.00000	-52.829	-0.50000	0.0	0.0	0.0
	1.00000	19.00000	0.00000	-64.259	-0.50000	0.0	0.0	0.0
	2.00000	19.00000	0.00000	-70.815	-0.50000	0.0	0.0	0.0
	3.00000	19.00000	0.00000	-75.814	-0.50000	0.0	0.0	0.0
	4.00000	19.00000	0.00000	-79.862	-0.50000	0.0	0.0	0.0
	5.00000	19.00000	0.00000	-83.225	-0.50000	0.0	0.0	0.0
	6.00000	19.00000	0.00000	-86.057	-0.50000	0.0	0.0	0.0
	7.00000	19.00000	0.00000	-88.464	-0.50000	0.0	0.0	0.0
	8.00000	19.00000	0.00000	-90.523	-0.50000	0.0	0.0	0.0
	9.00000	19.00000	0.00000	-92.292	-0.50000	0.0	0.0	0.0
	10.00000	19.00000	0.00000	-93.816	-0.50000	0.0	0.0	0.0
	11.00000	19.00000	0.00000	-95.129	-0.50000	0.0	0.0	0.0
	12.00000	19.00000	0.00000	-96.257	-0.50000	0.0	0.0	0.0
	13.00000	19.00000	0.00000	-97.223	-0.50000	0.0	0.0	0.0
	14.00000	19.00000	0.00000	-98.042	-0.50000	0.0	0.0	0.0
	15.00000	19.00000	0.00000	-98.728	-0.50000	0.0	0.0	0.0
	16.00000	19.00000	0.00000	-99.291	-0.50000	0.0	0.0	0.0
	17.00000	19.00000	0.00000	-99.738	-0.50000	0.0	0.0	0.0
	18.00000	19.00000	0.00000	-100.07	-0.50000	0.0	0.0	0.0
	19.00000	19.00000	0.00000	-100.30	-0.50000	0.0	0.0	0.0
	20.00000	19.00000	0.00000	-100.41	-0.50000	0.0	0.0	0.0
	21.00000	19.00000	0.00000	-100.42	-0.50000	0.0	0.0	0.0
	22.00000	19.00000	0.00000	-100.30	-0.50000	0.0	0.0	0.0
	23.00000	19.00000	0.00000	-100.06	-0.50000	0.0	0.0	0.0
	24.00000	19.00000	0.00000	-99.693	-0.50000	0.0	0.0	0.0
	25.00000	19.00000	0.00000	-99.179	-0.50000	0.0	0.0	0.0
	26.00000	19.00000	0.00000	-98.509	-0.50000	0.0	0.0	0.0
	27.00000	19.00000	0.00000	-97.665	-0.50000	0.0	0.0	0.0
	28.00000	19.00000	0.00000	-96.628	-0.50000	0.0	0.0	0.0
	29.00000	19.00000	0.00000	-95.371	-0.50000	0.0	0.0	0.0
	30.00000	19.00000	0.00000	-93.863	-0.50000	0.0	0.0	0.0
	31.00000	19.00000	0.00000	-92.062	-0.50000	0.0	0.0	0.0
	32.00000	19.00000	0.00000	-89.912	-0.50000	0.0	0.0	0.0
	33.00000	19.00000	0.00000	-87.334	-0.50000	0.0	0.0	0.0
	34.00000	19.00000	0.00000	-84.216	-0.50000	0.0	0.0	0.0
	35.00000	19.00000	0.00000	-80.381	-0.50000	0.0	0.0	0.0
	36.00000	19.00000	0.00000	-75.521	-0.50000	0.0	0.0	0.0
	37.00000	19.00000	0.00000	-68.980	-0.50000	0.0	0.0	0.0
	38.00000	19.00000	0.00000	-57.416	-0.50000	0.0	0.0	0.0
	39.00000	19.00000	0.00000	-45.835	-0.50000	0.0	0.0	0.0
	40.00000	19.00000	0.00000	-39.246	-0.50000	0.0	0.0	0.0
	41.00000	19.00000	0.00000	-34.304	-0.50000	0.0	0.0	0.0
	42.00000	19.00000	0.00000	-30.355	-0.50000	0.0	0.0	0.0
	43.00000	19.00000	0.00000	-27.088	-0.50000	0.0	0.0	0.0
	44.00000	19.00000	0.00000	-24.327	-0.50000	0.0	0.0	0.0
	45.00000	19.00000	0.00000	-21.958	-0.50000	0.0	0.0	0.0
	46.00000	19.00000	0.00000	-19.901	-0.50000	0.0	0.0	0.0
	47.00000	19.00000	0.00000	-18.099	-0.50000	0.0	0.0	0.0
	48.00000	19.00000	0.00000	-16.509	-0.50000	0.0	0.0	0.0
	49.00000	19.00000	0.00000	-15.098	-0.50000	0.0	0.0	0.0
	50.00000	19.00000	0.00000	-13.838	-0.50000	0.0	0.0	0.0
	51.00000	19.00000	0.00000	-12.709	-0.50000	0.0	0.0	0.0
	52.00000	19.00000	0.00000	-11.693	-0.50000	0.0	0.0	0.0
	53.00000	19.00000	0.00000	-10.776	-0.50000	0.0	0.0	0.0
	54.00000	19.00000	0.00000	-9.9445	-0.50000	0.0	0.0	0.0
	55.00000	19.00000	0.00000	-9.1894	-0.50000	0.0	0.0	0.0
	56.00000	19.00000	0.00000	-8.5018	-0.50000	0.0	0.0	0.0
	57.00000	19.00000	0.00000	-7.8742	-0.50000	0.0	0.0	0.0
	58.00000	19.00000	0.00000	-7.3001	-0.50000	0.0	0.0	0.0
	59.00000	19.00000	0.00000	-6.7740	-0.50000	0.0	0.0	0.0
	60.00000	19.00000	0.00000	-6.2911	-0.50000	0.0	0.0	0.0
	-20.00000	20.00000	0.00000	-6.4130	-0.50000	0.0	0.0	0.0
	-19.00000	20.00000	0.00000	-6.9137	-0.50000	0.0	0.0	0.0
	-18.00000	20.00000	0.00000	-7.4608	-0.50000	0.0	0.0	0.0
	-17.00000	20.00000	0.00000	-8.0600	-0.50000	0.0	0.0	0.0
	-16.00000	20.00000	0.00000	-8.7178	-0.50000	0.0	0.0	0.0
	-15.00000	20.00000	0.00000	-9.4420	-0.50000	0.0	0.0	0.0
	-14.00000	20.00000	0.00000	-10.242	-0.50000	0.0	0.0	0.0
	-13.00000	20.00000	0.00000	-11.128	-0.50000	0.0	0.0	0.0
	-12.00000	20.00000	0.00000	-12.113	-0.50000	0.0	0.0	0.0
	-11.00000	20.00000	0.00000	-13.214	-0.50000	0.0	0.0	0.0
	-10.00000	20.00000	0.00000	-14.451	-0.50000	0.0	0.0	0.0
	-9.00000	20.00000	0.00000	-15.848	-0.50000	0.0	0.0	0.0
	-8.00000	20.00000	0.00000	-17.438	-0.50000	0.0	0.0	0.0
	-7.00000	20.00000	0.00000	-19.263	-0.50000	0.0	0.0	0.0
	-6.00000	20.00000	0.00000	-21.380	-0.50000	0.0	0.0	0.0
	-5.00000	20.00000	0.00000	-23.868	-0.50000	0.0	0.0	0.0
	-4.00000	20.00000	0.00000	-26.844	-0.50000	0.0	0.0	0.0
	-3.00000	20.00000	0.00000	-30.493	-0.50000	0.0	0.0	0.0
	-2.00000	20.00000	0.00000	-35.134	-0.50000	0.0	0.0	0.0
	-1.00000	20.00000	0.00000	-41.443	-0.50000	0.0	0.0	0.0
	0.00000	20.00000	0.00000	-52.792	-0.50000	0.0	0.0	0.0
	1.00000	20.00000	0.00000	-64.198	-0.50000	0.0	0.0	0.0
	2.00000	20.00000	0.00000	-70.669	-0.50000	0.0	0.0	0.0
	3.00000	20.00000	0.00000	-75.542	-0.50000	0.0	0.0	0.0
	4.00000	20.00000	0.00000	-79.454	-0.50000	0.0	0.0	0.0
	5.00000	20.00000	0.00000	-82.693	-0.50000	0.0	0.0	0.0
	6.00000	20.00000	0.00000	-85.420	-0.50000	0.0	0.0	0.0
	7.00000	20.00000	0.00000	-87.742	-0.50000	0.0	0.0	0.0
	8.00000	20.00000	0.00000	-89.732	-0.50000	0.0	0.0	0.0
	9.00000	20.00000	0.00000	-91.447	-0.50000	0.0	0.0	0.0
	10.00000	20.00000	0.00000	-92.927	-0.50000	0.0	0.0	0.0
	11.00000	20.00000	0.00000	-94.206	-0.50000	0.0	0.0	0.0
	12.00000	20.00000	0.00000	-95.309	-0.50000	0.0	0.0	0.0
	13.00000	20.00000	0.00000	-96.257	-0.50000	0.0	0.0	0.0
	14.00000	20.00000	0.00000	-97.065	-0.50000	0.0	0.0	0.0
	15.00000	20.00000	0.00000	-97.746	-0.50000	0.0	0.0	0.0
	16.00000	20.00000	0.00000	-98.310	-0.50000	0.0	0.0	0.0
	17.00000	20.00000	0.00000	-98.764	-0.50000	0.0	0.0	0.0
	18.00000	20.00000	0.00000	-99.110	-0.50000	0.0	0.0	0.0
	19.00000	20.00000	0.00000	-99.352	-0.50000	0.0	0.0	0.0
	20.00000	20.00000	0.00000	-99.488	-0.50000	0.0	0.0	0.0
	21.00000	20.00000	0.00000	-99.515	-0.50000	0.0	0.0	0.0
	22.00000	20.00000	0.00000	-99.428	-0.50000	0.0	0.0	0.0
	23.00000	20.00000	0.00000	-99.220	-0.50000	0.0	0.0	0.0
	24.00000	20.00000	0.00000	-98.880	-0.50000	0.0	0.0	0.0
	25.00000	20.00000	0.00000	-98.397	-0.50000	0.0	0.0	0.0
	26.00000	20.00000	0.00000	-97.757	-0.50000	0.0	0.0	0.0
	27.00000	20.00000	0.00000	-96.944	-0.50000	0.0	0.0	0.0
	28.00000	20.00000	0.00000	-95.936	-0.50000	0.0	0.0	0.0
	29.00000	20.00000	0.00000	-94.709	-0.50000	0.0	0.0	0.0
	30.00000	20.00000	0.00000	-93.231	-0.50000	0.0	0.0	0.0
	31.00000	20.00000	0.00000	-91.459	-0.50000	0.0	0.0	0.0
	32.00000	20.00000	0.00000	-89.338	-0.50000	0.0	0.0	0.0
	33.00000	20.00000	0.00000	-86.790	-0.50000	0.0	0.0	0.0
	34.00000	20.00000	0.00000	-83.703	-0.50000	0.0	0.0	0.0
	35.00000	20.00000	0.00000	-79.898	-0.50000	0.0	0.0	0.0
	36.00000	20.00000	0.00000	-75.070	-0.50000	0.0	0.0	0.0
	37.00000	20.00000	0.00000	-68.560	-0.50000	0.0	0.0	0.0
	38.00000	20.00000	0.00000	-57.027	-0.50000	0.0	0.0	0.0
	39.00000	20.00000	0.00000	-45.477	-0.50000	0.0	0.0	0.0
	40.00000	20.00000	0.00000	-38.918	-0.50000	0.0	0.0	0.0
	41.00000	20.00000	0.00000	-34.005	-0.50000	0.0	0.0	0.0
	42.00000	20.00000	0.00000	-30.083	-0.50000	0.0	0.0	0.0
	43.00000	20.00000	0.00000	-26.842	-0.50000	0.0	0.0	0.0
	44.00000	20.00000	0.00000	-24.105	-0.50000	0.0	0.0	0.0
	45.00000	20.00000	0.00000	-21.758	-0.50000	0.0	0.0	0.0
	46.00000	20.00000	0.00000	-19.721	-0.50000	0.0	0.0	0.0
	47.00000	20.00000	0.00000	-17.938	-0.50000	0.0	0.0	0.0
	48.00000	20.00000	0.00000	-16.364	-0.50000	0.0	0.0	0.0
	49.00000	20.00000	0.00000	-14.968	-0.50000	0.0	0.0	0.0
	50.00000	20.

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	54.00000	20.00000	0.00000	-9.8688	-0.50000	0.0	0.0	0.0
	55.00000	20.00000	0.00000	-9.1213	-0.50000	0.0	0.0	0.0
	56.00000	20.00000	0.00000	-8.4405	-0.50000	0.0	0.0	0.0
	57.00000	20.00000	0.00000	-7.8189	-0.50000	0.0	0.0	0.0
	58.00000	20.00000	0.00000	-7.2502	-0.50000	0.0	0.0	0.0
	59.00000	20.00000	0.00000	-6.7289	-0.50000	0.0	0.0	0.0
	60.00000	20.00000	0.00000	-6.2503	-0.50000	0.0	0.0	0.0
	-20.00000	21.00000	0.00000	-6.3557	-0.50000	0.0	0.0	0.0
	-19.00000	21.00000	0.00000	-6.8503	-0.50000	0.0	0.0	0.0
	-18.00000	21.00000	0.00000	-7.3905	-0.50000	0.0	0.0	0.0
	-17.00000	21.00000	0.00000	-7.9821	-0.50000	0.0	0.0	0.0
	-16.00000	21.00000	0.00000	-8.6314	-0.50000	0.0	0.0	0.0
	-15.00000	21.00000	0.00000	-9.3460	-0.50000	0.0	0.0	0.0
	-14.00000	21.00000	0.00000	-10.135	-0.50000	0.0	0.0	0.0
	-13.00000	21.00000	0.00000	-11.009	-0.50000	0.0	0.0	0.0
	-12.00000	21.00000	0.00000	-11.982	-0.50000	0.0	0.0	0.0
	-11.00000	21.00000	0.00000	-13.068	-0.50000	0.0	0.0	0.0
	-10.00000	21.00000	0.00000	-14.289	-0.50000	0.0	0.0	0.0
	-9.00000	21.00000	0.00000	-15.669	-0.50000	0.0	0.0	0.0
	-8.00000	21.00000	0.00000	-17.240	-0.50000	0.0	0.0	0.0
	-7.00000	21.00000	0.00000	-19.046	-0.50000	0.0	0.0	0.0
	-6.00000	21.00000	0.00000	-21.143	-0.50000	0.0	0.0	0.0
	-5.00000	21.00000	0.00000	-23.611	-0.50000	0.0	0.0	0.0
	-4.00000	21.00000	0.00000	-26.570	-0.50000	0.0	0.0	0.0
	-3.00000	21.00000	0.00000	-30.202	-0.50000	0.0	0.0	0.0
	-2.00000	21.00000	0.00000	-34.827	-0.50000	0.0	0.0	0.0
	-1.00000	21.00000	0.00000	-41.116	-0.50000	0.0	0.0	0.0
	0.00000	21.00000	0.00000	-52.431	-0.50000	0.0	0.0	0.0
	1.00000	21.00000	0.00000	-63.781	-0.50000	0.0	0.0	0.0
	2.00000	21.00000	0.00000	-70.168	-0.50000	0.0	0.0	0.0
	3.00000	21.00000	0.00000	-74.938	-0.50000	0.0	0.0	0.0
	4.00000	21.00000	0.00000	-78.739	-0.50000	0.0	0.0	0.0
	5.00000	21.00000	0.00000	-81.872	-0.50000	0.0	0.0	0.0
	6.00000	21.00000	0.00000	-84.506	-0.50000	0.0	0.0	0.0
	7.00000	21.00000	0.00000	-86.747	-0.50000	0.0	0.0	0.0
	8.00000	21.00000	0.00000	-88.670	-0.50000	0.0	0.0	0.0
	9.00000	21.00000	0.00000	-90.328	-0.50000	0.0	0.0	0.0
	10.00000	21.00000	0.00000	-91.764	-0.50000	0.0	0.0	0.0
	11.00000	21.00000	0.00000	-93.007	-0.50000	0.0	0.0	0.0
	12.00000	21.00000	0.00000	-94.084	-0.50000	0.0	0.0	0.0
	13.00000	21.00000	0.00000	-95.013	-0.50000	0.0	0.0	0.0
	14.00000	21.00000	0.00000	-95.810	-0.50000	0.0	0.0	0.0
	15.00000	21.00000	0.00000	-96.487	-0.50000	0.0	0.0	0.0
	16.00000	21.00000	0.00000	-97.054	-0.50000	0.0	0.0	0.0
	17.00000	21.00000	0.00000	-97.516	-0.50000	0.0	0.0	0.0
	18.00000	21.00000	0.00000	-97.878	-0.50000	0.0	0.0	0.0
	19.00000	21.00000	0.00000	-98.142	-0.50000	0.0	0.0	0.0
	20.00000	21.00000	0.00000	-98.305	-0.50000	0.0	0.0	0.0
	21.00000	21.00000	0.00000	-98.365	-0.50000	0.0	0.0	0.0
	22.00000	21.00000	0.00000	-98.314	-0.50000	0.0	0.0	0.0
	23.00000	21.00000	0.00000	-98.143	-0.50000	0.0	0.0	0.0
	24.00000	21.00000	0.00000	-97.843	-0.50000	0.0	0.0	0.0
	25.00000	21.00000	0.00000	-97.399	-0.50000	0.0	0.0	0.0
	26.00000	21.00000	0.00000	-96.798	-0.50000	0.0	0.0	0.0
	27.00000	21.00000	0.00000	-96.022	-0.50000	0.0	0.0	0.0
	28.00000	21.00000	0.00000	-95.052	-0.50000	0.0	0.0	0.0
	29.00000	21.00000	0.00000	-93.861	-0.50000	0.0	0.0	0.0
	30.00000	21.00000	0.00000	-92.419	-0.50000	0.0	0.0	0.0
	31.00000	21.00000	0.00000	-90.683	-0.50000	0.0	0.0	0.0
	32.00000	21.00000	0.00000	-88.599	-0.50000	0.0	0.0	0.0
	33.00000	21.00000	0.00000	-86.089	-0.50000	0.0	0.0	0.0
	34.00000	21.00000	0.00000	-83.039	-0.50000	0.0	0.0	0.0
	35.00000	21.00000	0.00000	-79.275	-0.50000	0.0	0.0	0.0
	36.00000	21.00000	0.00000	-74.486	-0.50000	0.0	0.0	0.0
	37.00000	21.00000	0.00000	-68.018	-0.50000	0.0	0.0	0.0
	38.00000	21.00000	0.00000	-56.525	-0.50000	0.0	0.0	0.0
	39.00000	21.00000	0.00000	-45.016	-0.50000	0.0	0.0	0.0
	40.00000	21.00000	0.00000	-38.496	-0.50000	0.0	0.0	0.0
	41.00000	21.00000	0.00000	-33.621	-0.50000	0.0	0.0	0.0
	42.00000	21.00000	0.00000	-29.735	-0.50000	0.0	0.0	0.0
	43.00000	21.00000	0.00000	-26.528	-0.50000	0.0	0.0	0.0
	44.00000	21.00000	0.00000	-23.822	-0.50000	0.0	0.0	0.0
	45.00000	21.00000	0.00000	-21.503	-0.50000	0.0	0.0	0.0
	46.00000	21.00000	0.00000	-19.493	-0.50000	0.0	0.0	0.0
	47.00000	21.00000	0.00000	-17.733	-0.50000	0.0	0.0	0.0
	48.00000	21.00000	0.00000	-16.181	-0.50000	0.0	0.0	0.0
	49.00000	21.00000	0.00000	-14.804	-0.50000	0.0	0.0	0.0
	50.00000	21.00000	0.00000	-13.575	-0.50000	0.0	0.0	0.0
	51.00000	21.00000	0.00000	-12.473	-0.50000	0.0	0.0	0.0
	52.00000	21.00000	0.00000	-11.481	-0.50000	0.0	0.0	0.0
	53.00000	21.00000	0.00000	-10.585	-0.50000	0.0	0.0	0.0
	54.00000	21.00000	0.00000	-9.7735	-0.50000	0.0	0.0	0.0
	55.00000	21.00000	0.00000	-9.0357	-0.50000	0.0	0.0	0.0
	56.00000	21.00000	0.00000	-8.3634	-0.50000	0.0	0.0	0.0
	57.00000	21.00000	0.00000	-7.7494	-0.50000	0.0	0.0	0.0
	58.00000	21.00000	0.00000	-7.1875	-0.50000	0.0	0.0	0.0
	59.00000	21.00000	0.00000	-6.6723	-0.50000	0.0	0.0	0.0
	60.00000	21.00000	0.00000	-6.1991	-0.50000	0.0	0.0	0.0
	-20.00000	22.00000	0.00000	-6.2869	-0.50000	0.0	0.0	0.0
	-19.00000	22.00000	0.00000	-6.7739	-0.50000	0.0	0.0	0.0
	-18.00000	22.00000	0.00000	-7.3058	-0.50000	0.0	0.0	0.0
	-17.00000	22.00000	0.00000	-7.8879	-0.50000	0.0	0.0	0.0
	-16.00000	22.00000	0.00000	-8.5266	-0.50000	0.0	0.0	0.0
	-15.00000	22.00000	0.00000	-9.2292	-0.50000	0.0	0.0	0.0
	-14.00000	22.00000	0.00000	-10.005	-0.50000	0.0	0.0	0.0
	-13.00000	22.00000	0.00000	-10.863	-0.50000	0.0	0.0	0.0
	-12.00000	22.00000	0.00000	-11.818	-0.50000	0.0	0.0	0.0
	-11.00000	22.00000	0.00000	-12.885	-0.50000	0.0	0.0	0.0
	-10.00000	22.00000	0.00000	-14.084	-0.50000	0.0	0.0	0.0
	-9.00000	22.00000	0.00000	-15.439	-0.50000	0.0	0.0	0.0
	-8.00000	22.00000	0.00000	-16.983	-0.50000	0.0	0.0	0.0
	-7.00000	22.00000	0.00000	-18.757	-0.50000	0.0	0.0	0.0
	-6.00000	22.00000	0.00000	-20.819	-0.50000	0.0	0.0	0.0
	-5.00000	22.00000	0.00000	-23.249	-0.50000	0.0	0.0	0.0
	-4.00000	22.00000	0.00000	-26.165	-0.50000	0.0	0.0	0.0
	-3.00000	22.00000	0.00000	-29.750	-0.50000	0.0	0.0	0.0
	-2.00000	22.00000	0.00000	-34.322	-0.50000	0.0	0.0	0.0
	-1.00000	22.00000	0.00000	-40.550	-0.50000	0.0	0.0	0.0
	0.00000	22.00000	0.00000	-51.793	-0.50000	0.0	0.0	0.0
	1.00000	22.00000	0.00000	-63.057	-0.50000	0.0	0.0	0.0
	2.00000	22.00000	0.00000	-69.347	-0.50000	0.0	0.0	0.0
	3.00000	22.00000	0.00000	-74.011	-0.50000	0.0	0.0	0.0
	4.00000	22.00000	0.00000	-77.706	-0.50000	0.0	0.0	0.0
	5.00000	22.00000	0.00000	-80.738	-0.50000	0.0	0.0	0.0
	6.00000	22.00000	0.00000	-83.280	-0.50000	0.0	0.0	0.0
	7.00000	22.00000	0.00000	-85.441	-0.50000	0.0	0.0	0.0
	8.00000	22.00000	0.00000	-87.296	-0.50000	0.0	0.0	0.0
	9.00000	22.00000	0.00000	-88.897	-0.50000	0.0	0.0	0.0
	10.00000	22.00000	0.00000	-90.286	-0.50000	0.0	0.0	0.0
	11.00000	22.00000	0.00000	-91.493	-0.50000	0.0	0.0	0.0
	12.00000	22.00000	0.00000	-92.542	-0.50000	0.0	0.0	0.0
	13.00000	22.00000	0.00000	-93.451	-0.50000	0.0	0.0	0.0
	14.00000	22.00000	0.00000	-94.237	-0.50000	0.0	0.0	0.0
	15.00000	22.00000	0.00000	-94.911	-0.50000	0.0	0.0	0.0
	16.00000	22.00000	0.00000	-95.482	-0.50000	0.0	0.0	0.0
	17.00000	22.00000	0.00000	-95.957	-0.50000	0.0	0.0	0.0
	18.00000	22.00000	0.00000	-96.340	-0.50000	0.0	0.0	0.0
	19.00000	22.00000	0.00000	-96.632	-0.50000	0.0	0.0	0.0
	20.00000	22.00000	0.00000	-96.832	-0.50000	0.0	0.0	0.0
	21.00000	22.00000	0.00000	-96.934	-0.50000	0.0	0.0	0.0
	22.00000	22.00000	0.00000	-96.930	-0.50000	0.0	0.0	0.0
	23.00000	22.00000	0.00000	-96.810	-0.50000	0.0	0.0	0.0
	24.00000	22.00000	0.00000	-96.560	-0.50000	0.0	0.0	0.0
	25.00000	22.00000	0.00000	-96.166	-0.50000	0.0	0.0	0.0
	26.00000	22.00000	0.00000	-95.613	-0.50000	0.0	0.0	0.0
	27.00000	22.00000	0.00000	-94.884	-0.50000	0.0	0.0	0.0
	28.00000	22.00000	0.00000	-93.958	-0.50000	0.0	0.0	0.0
	29.00000	22.00000	0.00000	-92.810	-0.50000	0.0	0.0	0.0
	30.00000	22.00000	0.00000	-91.411	-0.50000	0.0	0.0	0.0
	31.00000	22.00000	0.00000	-89.719	-0.50000	0.0	0.0	0.0
	32.00000	22.00000	0.00000	-87.680	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	33.00000	22.00000	0.00000	-85.215	-0.50000	0.0	0.0	0.0
	34.00000	22.00000	0.00000	-82.214	-0.50000	0.0	0.0	0.0
	35.00000	22.00000	0.00000	-78.499	-0.50000	0.0	0.0	0.0
	36.00000	22.00000	0.00000	-73.761	-0.50000	0.0	0.0	0.0
	37.00000	22.00000	0.00000	-67.344	-0.50000	0.0	0.0	0.0
	38.00000	22.00000	0.00000	-55.904	-0.50000	0.0	0.0	0.0
	39.00000	22.00000	0.00000	-44.445	-0.50000	0.0	0.0	0.0
	40.00000	22.00000	0.00000	-37.976	-0.50000	0.0	0.0	0.0
	41.00000	22.00000	0.00000	-33.149	-0.50000	0.0	0.0	0.0
	42.00000	22.00000	0.00000	-29.309	-0.50000	0.0	0.0	0.0
	43.00000	22.00000	0.00000	-26.144	-0.50000	0.0	0.0	0.0
	44.00000	22.00000	0.00000	-23.477	-0.50000	0.0	0.0	0.0
	45.00000	22.00000	0.00000	-21.194	-0.50000	0.0	0.0	0.0
	46.00000	22.00000	0.00000	-19.216	-0.50000	0.0	0.0	0.0
	47.00000	22.00000	0.00000	-17.486	-0.50000	0.0	0.0	0.0
	48.00000	22.00000	0.00000	-15.960	-0.50000	0.0	0.0	0.0
	49.00000	22.00000	0.00000	-14.606	-0.50000	0.0	0.0	0.0
	50.00000	22.00000	0.00000	-13.398	-0.50000	0.0	0.0	0.0
	51.00000	22.00000	0.00000	-12.315	-0.50000	0.0	0.0	0.0
	52.00000	22.00000	0.00000	-11.339	-0.50000	0.0	0.0	0.0
	53.00000	22.00000	0.00000	-10.458	-0.50000	0.0	0.0	0.0
	54.00000	22.00000	0.00000	-9.6592	-0.50000	0.0	0.0	0.0
	55.00000	22.00000	0.00000	-8.9330	-0.50000	0.0	0.0	0.0
	56.00000	22.00000	0.00000	-8.2709	-0.50000	0.0	0.0	0.0
	57.00000	22.00000	0.00000	-7.6661	-0.50000	0.0	0.0	0.0
	58.00000	22.00000	0.00000	-7.1124	-0.50000	0.0	0.0	0.0
	59.00000	22.00000	0.00000	-6.6045	-0.50000	0.0	0.0	0.0
	60.00000	22.00000	0.00000	-6.1377	-0.50000	0.0	0.0	0.0
	-20.00000	23.00000	0.00000	-6.2069	-0.50000	0.0	0.0	0.0
	-19.00000	23.00000	0.00000	-6.6852	-0.50000	0.0	0.0	0.0
	-18.00000	23.00000	0.00000	-7.2071	-0.50000	0.0	0.0	0.0
	-17.00000	23.00000	0.00000	-7.7780	-0.50000	0.0	0.0	0.0
	-16.00000	23.00000	0.00000	-8.4040	-0.50000	0.0	0.0	0.0
	-15.00000	23.00000	0.00000	-9.0922	-0.50000	0.0	0.0	0.0
	-14.00000	23.00000	0.00000	-9.8512	-0.50000	0.0	0.0	0.0
	-13.00000	23.00000	0.00000	-10.691	-0.50000	0.0	0.0	0.0
	-12.00000	23.00000	0.00000	-11.625	-0.50000	0.0	0.0	0.0
	-11.00000	23.00000	0.00000	-12.667	-0.50000	0.0	0.0	0.0
	-10.00000	23.00000	0.00000	-13.838	-0.50000	0.0	0.0	0.0
	-9.00000	23.00000	0.00000	-15.160	-0.50000	0.0	0.0	0.0
	-8.00000	23.00000	0.00000	-16.666	-0.50000	0.0	0.0	0.0
	-7.00000	23.00000	0.00000	-18.397	-0.50000	0.0	0.0	0.0
	-6.00000	23.00000	0.00000	-20.409	-0.50000	0.0	0.0	0.0
	-5.00000	23.00000	0.00000	-22.781	-0.50000	0.0	0.0	0.0
	-4.00000	23.00000	0.00000	-25.630	-0.50000	0.0	0.0	0.0
	-3.00000	23.00000	0.00000	-29.138	-0.50000	0.0	0.0	0.0
	-2.00000	23.00000	0.00000	-33.622	-0.50000	0.0	0.0	0.0
	-1.00000	23.00000	0.00000	-39.751	-0.50000	0.0	0.0	0.0
	0.00000	23.00000	0.00000	-50.885	-0.50000	0.0	0.0	0.0
	1.00000	23.00000	0.00000	-62.033	-0.50000	0.0	0.0	0.0
	2.00000	23.00000	0.00000	-68.201	-0.50000	0.0	0.0	0.0
	3.00000	23.00000	0.00000	-72.745	-0.50000	0.0	0.0	0.0
	4.00000	23.00000	0.00000	-76.324	-0.50000	0.0	0.0	0.0
	5.00000	23.00000	0.00000	-79.250	-0.50000	0.0	0.0	0.0
	6.00000	23.00000	0.00000	-81.696	-0.50000	0.0	0.0	0.0
	7.00000	23.00000	0.00000	-83.774	-0.50000	0.0	0.0	0.0
	8.00000	23.00000	0.00000	-85.558	-0.50000	0.0	0.0	0.0
	9.00000	23.00000	0.00000	-87.100	-0.50000	0.0	0.0	0.0
	10.00000	23.00000	0.00000	-88.440	-0.50000	0.0	0.0	0.0
	11.00000	23.00000	0.00000	-89.608	-0.50000	0.0	0.0	0.0
	12.00000	23.00000	0.00000	-90.628	-0.50000	0.0	0.0	0.0
	13.00000	23.00000	0.00000	-91.517	-0.50000	0.0	0.0	0.0
	14.00000	23.00000	0.00000	-92.291	-0.50000	0.0	0.0	0.0
	15.00000	23.00000	0.00000	-92.963	-0.50000	0.0	0.0	0.0
	16.00000	23.00000	0.00000	-93.540	-0.50000	0.0	0.0	0.0
	17.00000	23.00000	0.00000	-94.032	-0.50000	0.0	0.0	0.0
	18.00000	23.00000	0.00000	-94.443	-0.50000	0.0	0.0	0.0
	19.00000	23.00000	0.00000	-94.773	-0.50000	0.0	0.0	0.0
	20.00000	23.00000	0.00000	-95.021	-0.50000	0.0	0.0	0.0
	21.00000	23.00000	0.00000	-95.180	-0.50000	0.0	0.0	0.0
	22.00000	23.00000	0.00000	-95.239	-0.50000	0.0	0.0	0.0
	23.00000	23.00000	0.00000	-95.185	-0.50000	0.0	0.0	0.0
	24.00000	23.00000	0.00000	-95.002	-0.50000	0.0	0.0	0.0
	25.00000	23.00000	0.00000	-94.672	-0.50000	0.0	0.0	0.0
	26.00000	23.00000	0.00000	-94.179	-0.50000	0.0	0.0	0.0
	27.00000	23.00000	0.00000	-93.506	-0.50000	0.0	0.0	0.0
	28.00000	23.00000	0.00000	-92.633	-0.50000	0.0	0.0	0.0
	29.00000	23.00000	0.00000	-91.537	-0.50000	0.0	0.0	0.0
	30.00000	23.00000	0.00000	-90.189	-0.50000	0.0	0.0	0.0
	31.00000	23.00000	0.00000	-88.548	-0.50000	0.0	0.0	0.0
	32.00000	23.00000	0.00000	-86.562	-0.50000	0.0	0.0	0.0
	33.00000	23.00000	0.00000	-84.152	-0.50000	0.0	0.0	0.0
	34.00000	23.00000	0.00000	-81.209	-0.50000	0.0	0.0	0.0
	35.00000	23.00000	0.00000	-77.554	-0.50000	0.0	0.0	0.0
	36.00000	23.00000	0.00000	-72.879	-0.50000	0.0	0.0	0.0
	37.00000	23.00000	0.00000	-66.526	-0.50000	0.0	0.0	0.0
	38.00000	23.00000	0.00000	-55.151	-0.50000	0.0	0.0	0.0
	39.00000	23.00000	0.00000	-43.758	-0.50000	0.0	0.0	0.0
	40.00000	23.00000	0.00000	-37.351	-0.50000	0.0	0.0	0.0
	41.00000	23.00000	0.00000	-32.584	-0.50000	0.0	0.0	0.0
	42.00000	23.00000	0.00000	-28.800	-0.50000	0.0	0.0	0.0
	43.00000	23.00000	0.00000	-25.688	-0.50000	0.0	0.0	0.0
	44.00000	23.00000	0.00000	-23.070	-0.50000	0.0	0.0	0.0
	45.00000	23.00000	0.00000	-20.830	-0.50000	0.0	0.0	0.0
	46.00000	23.00000	0.00000	-18.891	-0.50000	0.0	0.0	0.0
	47.00000	23.00000	0.00000	-17.196	-0.50000	0.0	0.0	0.0
	48.00000	23.00000	0.00000	-15.701	-0.50000	0.0	0.0	0.0
	49.00000	23.00000	0.00000	-14.375	-0.50000	0.0	0.0	0.0
	50.00000	23.00000	0.00000	-13.192	-0.50000	0.0	0.0	0.0
	51.00000	23.00000	0.00000	-12.130	-0.50000	0.0	0.0	0.0
	52.00000	23.00000	0.00000	-11.174	-0.50000	0.0	0.0	0.0
	53.00000	23.00000	0.00000	-10.310	-0.50000	0.0	0.0	0.0
	54.00000	23.00000	0.00000	-9.5265	-0.50000	0.0	0.0	0.0
	55.00000	23.00000	0.00000	-8.8137	-0.50000	0.0	0.0	0.0
	56.00000	23.00000	0.00000	-8.1637	-0.50000	0.0	0.0	0.0
	57.00000	23.00000	0.00000	-7.5695	-0.50000	0.0	0.0	0.0
	58.00000	23.00000	0.00000	-7.0252	-0.50000	0.0	0.0	0.0
	59.00000	23.00000	0.00000	-6.5258	-0.50000	0.0	0.0	0.0
	60.00000	23.00000	0.00000	-6.0666	-0.50000	0.0	0.0	0.0
	-20.00000	24.00000	0.00000	-6.1163	-0.50000	0.0	0.0	0.0
	-19.00000	24.00000	0.00000	-6.5846	-0.50000	0.0	0.0	0.0
	-18.00000	24.00000	0.00000	-7.0952	-0.50000	0.0	0.0	0.0
	-17.00000	24.00000	0.00000	-7.6532	-0.50000	0.0	0.0	0.0
	-16.00000	24.00000	0.00000	-8.2645	-0.50000	0.0	0.0	0.0
	-15.00000	24.00000	0.00000	-8.9360	-0.50000	0.0	0.0	0.0
	-14.00000	24.00000	0.00000	-9.6758	-0.50000	0.0	0.0	0.0
	-13.00000	24.00000	0.00000	-10.494	-0.50000	0.0	0.0	0.0
	-12.00000	24.00000	0.00000	-11.402	-0.50000	0.0	0.0	0.0
	-11.00000	24.00000	0.00000	-12.415	-0.50000	0.0	0.0	0.0
	-10.00000	24.00000	0.00000	-13.552	-0.50000	0.0	0.0	0.0
	-9.00000	24.00000	0.00000	-14.834	-0.50000	0.0	0.0	0.0
	-8.00000	24.00000	0.00000	-16.293	-0.50000	0.0	0.0	0.0
	-7.00000	24.00000	0.00000	-17.969	-0.50000	0.0	0.0	0.0
	-6.00000	24.00000	0.00000	-19.915	-0.50000	0.0	0.0	0.0
	-5.00000	24.00000	0.00000	-22.209	-0.50000	0.0	0.0	0.0
	-4.00000	24.00000	0.00000	-24.966	-0.50000	0.0	0.0	0.0
	-3.00000	24.00000	0.00000	-28.365	-0.50000	0.0	0.0	0.0
	-2.00000	24.00000	0.00000	-32.723	-0.50000	0.0	0.0	0.0
	-1.00000	24.00000	0.00000	-38.711	-0.50000	0.0	0.0	0.0
	0.00000	24.00000	0.00000	-49.692	-0.50000	0.0	0.0	0.0
	1.00000	24.00000	0.00000	-60.681	-0.50000	0.0	0.0	0.0
	2.00000	24.00000	0.00000	-66.694	-0.50000	0.0	0.0	0.0
	3.00000	24.00000	0.00000	-71.091	-0.50000	0.0	0.0	0.0
	4.00000	24.00000	0.00000	-74.536	-0.50000	0.0	0.0	0.0
	5.00000	24.00000	0.00000	-77.342	-0.50000	0.0	0.0	0.0
	6.00000	24.00000	0.00000	-79.685	-0.50000	0.0	0.0	0.0
	7.00000	24.00000	0.00000	-81.673	-0.50000	0.0	0.0	0.0
	8.00000	24

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	12.00000	24.00000	0.00000	-88.265	-0.50000	0.0	0.0	0.0
	13.00000	24.00000	0.00000	-89.133	-0.50000	0.0	0.0	0.0
	14.00000	24.00000	0.00000	-89.896	-0.50000	0.0	0.0	0.0
	15.00000	24.00000	0.00000	-90.565	-0.50000	0.0	0.0	0.0
	16.00000	24.00000	0.00000	-91.153	-0.50000	0.0	0.0	0.0
	17.00000	24.00000	0.00000	-91.666	-0.50000	0.0	0.0	0.0
	18.00000	24.00000	0.00000	-92.112	-0.50000	0.0	0.0	0.0
	19.00000	24.00000	0.00000	-92.492	-0.50000	0.0	0.0	0.0
	20.00000	24.00000	0.00000	-92.805	-0.50000	0.0	0.0	0.0
	21.00000	24.00000	0.00000	-93.042	-0.50000	0.0	0.0	0.0
	22.00000	24.00000	0.00000	-93.189	-0.50000	0.0	0.0	0.0
	23.00000	24.00000	0.00000	-93.226	-0.50000	0.0	0.0	0.0
	24.00000	24.00000	0.00000	-93.131	-0.50000	0.0	0.0	0.0
	25.00000	24.00000	0.00000	-92.884	-0.50000	0.0	0.0	0.0
	26.00000	24.00000	0.00000	-92.465	-0.50000	0.0	0.0	0.0
	27.00000	24.00000	0.00000	-91.860	-0.50000	0.0	0.0	0.0
	28.00000	24.00000	0.00000	-91.049	-0.50000	0.0	0.0	0.0
	29.00000	24.00000	0.00000	-90.013	-0.50000	0.0	0.0	0.0
	30.00000	24.00000	0.00000	-88.724	-0.50000	0.0	0.0	0.0
	31.00000	24.00000	0.00000	-87.143	-0.50000	0.0	0.0	0.0
	32.00000	24.00000	0.00000	-85.218	-0.50000	0.0	0.0	0.0
	33.00000	24.00000	0.00000	-82.874	-0.50000	0.0	0.0	0.0
	34.00000	24.00000	0.00000	-80.000	-0.50000	0.0	0.0	0.0
	35.00000	24.00000	0.00000	-76.418	-0.50000	0.0	0.0	0.0
	36.00000	24.00000	0.00000	-71.820	-0.50000	0.0	0.0	0.0
	37.00000	24.00000	0.00000	-65.548	-0.50000	0.0	0.0	0.0
	38.00000	24.00000	0.00000	-54.254	-0.50000	0.0	0.0	0.0
	39.00000	24.00000	0.00000	-42.941	-0.50000	0.0	0.0	0.0
	40.00000	24.00000	0.00000	-36.613	-0.50000	0.0	0.0	0.0
	41.00000	24.00000	0.00000	-31.921	-0.50000	0.0	0.0	0.0
	42.00000	24.00000	0.00000	-28.207	-0.50000	0.0	0.0	0.0
	43.00000	24.00000	0.00000	-25.159	-0.50000	0.0	0.0	0.0
	44.00000	24.00000	0.00000	-22.598	-0.50000	0.0	0.0	0.0
	45.00000	24.00000	0.00000	-20.411	-0.50000	0.0	0.0	0.0
	46.00000	24.00000	0.00000	-18.518	-0.50000	0.0	0.0	0.0
	47.00000	24.00000	0.00000	-16.864	-0.50000	0.0	0.0	0.0
	48.00000	24.00000	0.00000	-15.406	-0.50000	0.0	0.0	0.0
	49.00000	24.00000	0.00000	-14.112	-0.50000	0.0	0.0	0.0
	50.00000	24.00000	0.00000	-12.957	-0.50000	0.0	0.0	0.0
	51.00000	24.00000	0.00000	-11.921	-0.50000	0.0	0.0	0.0
	52.00000	24.00000	0.00000	-10.987	-0.50000	0.0	0.0	0.0
	53.00000	24.00000	0.00000	-10.143	-0.50000	0.0	0.0	0.0
	54.00000	24.00000	0.00000	-9.3761	-0.50000	0.0	0.0	0.0
	55.00000	24.00000	0.00000	-8.6787	-0.50000	0.0	0.0	0.0
	56.00000	24.00000	0.00000	-8.0422	-0.50000	0.0	0.0	0.0
	57.00000	24.00000	0.00000	-7.4601	-0.50000	0.0	0.0	0.0
	58.00000	24.00000	0.00000	-6.9266	-0.50000	0.0	0.0	0.0
	59.00000	24.00000	0.00000	-6.4367	-0.50000	0.0	0.0	0.0
	60.00000	24.00000	0.00000	-5.9860	-0.50000	0.0	0.0	0.0
	-20.00000	25.00000	0.00000	-6.0158	-0.50000	0.0	0.0	0.0
	-19.00000	25.00000	0.00000	-6.4728	-0.50000	0.0	0.0	0.0
	-18.00000	25.00000	0.00000	-6.9707	-0.50000	0.0	0.0	0.0
	-17.00000	25.00000	0.00000	-7.5143	-0.50000	0.0	0.0	0.0
	-16.00000	25.00000	0.00000	-8.1092	-0.50000	0.0	0.0	0.0
	-15.00000	25.00000	0.00000	-8.7618	-0.50000	0.0	0.0	0.0
	-14.00000	25.00000	0.00000	-9.4801	-0.50000	0.0	0.0	0.0
	-13.00000	25.00000	0.00000	-10.273	-0.50000	0.0	0.0	0.0
	-12.00000	25.00000	0.00000	-11.152	-0.50000	0.0	0.0	0.0
	-11.00000	25.00000	0.00000	-12.132	-0.50000	0.0	0.0	0.0
	-10.00000	25.00000	0.00000	-13.228	-0.50000	0.0	0.0	0.0
	-9.00000	25.00000	0.00000	-14.464	-0.50000	0.0	0.0	0.0
	-8.00000	25.00000	0.00000	-15.867	-0.50000	0.0	0.0	0.0
	-7.00000	25.00000	0.00000	-17.475	-0.50000	0.0	0.0	0.0
	-6.00000	25.00000	0.00000	-19.341	-0.50000	0.0	0.0	0.0
	-5.00000	25.00000	0.00000	-21.537	-0.50000	0.0	0.0	0.0
	-4.00000	25.00000	0.00000	-24.174	-0.50000	0.0	0.0	0.0
	-3.00000	25.00000	0.00000	-27.429	-0.50000	0.0	0.0	0.0
	-2.00000	25.00000	0.00000	-31.615	-0.50000	0.0	0.0	0.0
	-1.00000	25.00000	0.00000	-37.406	-0.50000	0.0	0.0	0.0
	0.00000	25.00000	0.00000	-48.172	-0.50000	0.0	0.0	0.0
	1.00000	25.00000	0.00000	-58.943	-0.50000	0.0	0.0	0.0
	2.00000	25.00000	0.00000	-64.750	-0.50000	0.0	0.0	0.0
	3.00000	25.00000	0.00000	-68.960	-0.50000	0.0	0.0	0.0
	4.00000	25.00000	0.00000	-72.244	-0.50000	0.0	0.0	0.0
	5.00000	25.00000	0.00000	-74.912	-0.50000	0.0	0.0	0.0
	6.00000	25.00000	0.00000	-77.138	-0.50000	0.0	0.0	0.0
	7.00000	25.00000	0.00000	-79.028	-0.50000	0.0	0.0	0.0
	8.00000	25.00000	0.00000	-80.654	-0.50000	0.0	0.0	0.0
	9.00000	25.00000	0.00000	-82.066	-0.50000	0.0	0.0	0.0
	10.00000	25.00000	0.00000	-83.300	-0.50000	0.0	0.0	0.0
	11.00000	25.00000	0.00000	-84.384	-0.50000	0.0	0.0	0.0
	12.00000	25.00000	0.00000	-85.340	-0.50000	0.0	0.0	0.0
	13.00000	25.00000	0.00000	-86.186	-0.50000	0.0	0.0	0.0
	14.00000	25.00000	0.00000	-86.936	-0.50000	0.0	0.0	0.0
	15.00000	25.00000	0.00000	-87.606	-0.50000	0.0	0.0	0.0
	16.00000	25.00000	0.00000	-88.205	-0.50000	0.0	0.0	0.0
	17.00000	25.00000	0.00000	-88.745	-0.50000	0.0	0.0	0.0
	18.00000	25.00000	0.00000	-89.235	-0.50000	0.0	0.0	0.0
	19.00000	25.00000	0.00000	-89.681	-0.50000	0.0	0.0	0.0
	20.00000	25.00000	0.00000	-90.082	-0.50000	0.0	0.0	0.0
	21.00000	25.00000	0.00000	-90.431	-0.50000	0.0	0.0	0.0
	22.00000	25.00000	0.00000	-90.705	-0.50000	0.0	0.0	0.0
	23.00000	25.00000	0.00000	-90.872	-0.50000	0.0	0.0	0.0
	24.00000	25.00000	0.00000	-90.899	-0.50000	0.0	0.0	0.0
	25.00000	25.00000	0.00000	-90.759	-0.50000	0.0	0.0	0.0
	26.00000	25.00000	0.00000	-90.434	-0.50000	0.0	0.0	0.0
	27.00000	25.00000	0.00000	-89.908	-0.50000	0.0	0.0	0.0
	28.00000	25.00000	0.00000	-89.170	-0.50000	0.0	0.0	0.0
	29.00000	25.00000	0.00000	-88.202	-0.50000	0.0	0.0	0.0
	30.00000	25.00000	0.00000	-86.979	-0.50000	0.0	0.0	0.0
	31.00000	25.00000	0.00000	-85.466	-0.50000	0.0	0.0	0.0
	32.00000	25.00000	0.00000	-83.612	-0.50000	0.0	0.0	0.0
	33.00000	25.00000	0.00000	-81.345	-0.50000	0.0	0.0	0.0
	34.00000	25.00000	0.00000	-78.553	-0.50000	0.0	0.0	0.0
	35.00000	25.00000	0.00000	-75.061	-0.50000	0.0	0.0	0.0
	36.00000	25.00000	0.00000	-70.558	-0.50000	0.0	0.0	0.0
	37.00000	25.00000	0.00000	-64.385	-0.50000	0.0	0.0	0.0
	38.00000	25.00000	0.00000	-53.193	-0.50000	0.0	0.0	0.0
	39.00000	25.00000	0.00000	-41.981	-0.50000	0.0	0.0	0.0
	40.00000	25.00000	0.00000	-35.751	-0.50000	0.0	0.0	0.0
	41.00000	25.00000	0.00000	-31.152	-0.50000	0.0	0.0	0.0
	42.00000	25.00000	0.00000	-27.524	-0.50000	0.0	0.0	0.0
	43.00000	25.00000	0.00000	-24.553	-0.50000	0.0	0.0	0.0
	44.00000	25.00000	0.00000	-22.062	-0.50000	0.0	0.0	0.0
	45.00000	25.00000	0.00000	-19.936	-0.50000	0.0	0.0	0.0
	46.00000	25.00000	0.00000	-18.098	-0.50000	0.0	0.0	0.0
	47.00000	25.00000	0.00000	-16.492	-0.50000	0.0	0.0	0.0
	48.00000	25.00000	0.00000	-15.075	-0.50000	0.0	0.0	0.0
	49.00000	25.00000	0.00000	-13.818	-0.50000	0.0	0.0	0.0
	50.00000	25.00000	0.00000	-12.695	-0.50000	0.0	0.0	0.0
	51.00000	25.00000	0.00000	-11.687	-0.50000	0.0	0.0	0.0
	52.00000	25.00000	0.00000	-10.779	-0.50000	0.0	0.0	0.0
	53.00000	25.00000	0.00000	-9.9560	-0.50000	0.0	0.0	0.0
	54.00000	25.00000	0.00000	-9.2090	-0.50000	0.0	0.0	0.0
	55.00000	25.00000	0.00000	-8.5286	-0.50000	0.0	0.0	0.0
	56.00000	25.00000	0.00000	-7.9073	-0.50000	0.0	0.0	0.0
	57.00000	25.00000	0.00000	-7.3386	-0.50000	0.0	0.0	0.0
	58.00000	25.00000	0.00000	-6.8170	-0.50000	0.0	0.0	0.0
	59.00000	25.00000	0.00000	-6.3377	-0.50000	0.0	0.0	0.0
	60.00000	25.00000	0.00000	-5.8965	-0.50000	0.0	0.0	0.0
	-20.00000	26.00000	0.00000	-5.9059	-0.50000	0.0	0.0	0.0
	-19.00000	26.00000	0.00000	-6.3507	-0.50000	0.0	0.0	0.0
	-18.00000	26.00000	0.00000	-6.8347	-0.50000	0.0	0.0	0.0
	-17.00000	26.00000	0.00000	-7.3625	-0.50000	0.0	0.0	0.0
	-16.00000	26.00000	0.00000	-7.9392	-0.50000	0.0	0.0	0.0
	-15.00000	26.00000	0.00000	-8.5712	-0.50000	0.0	0.0	0.0
	-14.00000	26.00000	0.00000	-9.2655	-0.50000	0.0	0.0	0.0
	-13.00000	26.00000	0.00000	-10.031	-0.50000	0.0	0.0	0.0
	-12.00000	26.00000	0.00000	-10.878	-0.50000	0.0	0.0	0.0
	-11.00000	26.00000	0.00000	-11.819	-0.50000	0.0	0.0	0.0
	-10.00000	26.00000	0.00000	-12.871	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-9.00000	26.00000	0.00000	-14.053	-0.50000	0.0	0.0	0.0
	-8.00000	26.00000	0.00000	-15.392	-0.50000	0.0	0.0	0.0
	-7.00000	26.00000	0.00000	-16.923	-0.50000	0.0	0.0	0.0
	-6.00000	26.00000	0.00000	-18.692	-0.50000	0.0	0.0	0.0
	-5.00000	26.00000	0.00000	-20.770	-0.50000	0.0	0.0	0.0
	-4.00000	26.00000	0.00000	-23.258	-0.50000	0.0	0.0	0.0
	-3.00000	26.00000	0.00000	-26.326	-0.50000	0.0	0.0	0.0
	-2.00000	26.00000	0.00000	-30.281	-0.50000	0.0	0.0	0.0
	-1.00000	26.00000	0.00000	-35.793	-0.50000	0.0	0.0	0.0
	0.00000	26.00000	0.00000	-46.247	-0.50000	0.0	0.0	0.0
	1.00000	26.00000	0.00000	-56.705	-0.50000	0.0	0.0	0.0
	2.00000	26.00000	0.00000	-62.227	-0.50000	0.0	0.0	0.0
	3.00000	26.00000	0.00000	-66.196	-0.50000	0.0	0.0	0.0
	4.00000	26.00000	0.00000	-69.281	-0.50000	0.0	0.0	0.0
	5.00000	26.00000	0.00000	-71.788	-0.50000	0.0	0.0	0.0
	6.00000	26.00000	0.00000	-73.882	-0.50000	0.0	0.0	0.0
	7.00000	26.00000	0.00000	-75.664	-0.50000	0.0	0.0	0.0
	8.00000	26.00000	0.00000	-77.202	-0.50000	0.0	0.0	0.0
	9.00000	26.00000	0.00000	-78.542	-0.50000	0.0	0.0	0.0
	10.00000	26.00000	0.00000	-79.718	-0.50000	0.0	0.0	0.0
	11.00000	26.00000	0.00000	-80.756	-0.50000	0.0	0.0	0.0
	12.00000	26.00000	0.00000	-81.677	-0.50000	0.0	0.0	0.0
	13.00000	26.00000	0.00000	-82.498	-0.50000	0.0	0.0	0.0
	14.00000	26.00000	0.00000	-83.236	-0.50000	0.0	0.0	0.0
	15.00000	26.00000	0.00000	-83.905	-0.50000	0.0	0.0	0.0
	16.00000	26.00000	0.00000	-84.518	-0.50000	0.0	0.0	0.0
	17.00000	26.00000	0.00000	-85.089	-0.50000	0.0	0.0	0.0
	18.00000	26.00000	0.00000	-85.634	-0.50000	0.0	0.0	0.0
	19.00000	26.00000	0.00000	-86.165	-0.50000	0.0	0.0	0.0
	20.00000	26.00000	0.00000	-86.690	-0.50000	0.0	0.0	0.0
	21.00000	26.00000	0.00000	-87.202	-0.50000	0.0	0.0	0.0
	22.00000	26.00000	0.00000	-87.671	-0.50000	0.0	0.0	0.0
	23.00000	26.00000	0.00000	-88.037	-0.50000	0.0	0.0	0.0
	24.00000	26.00000	0.00000	-88.241	-0.50000	0.0	0.0	0.0
	25.00000	26.00000	0.00000	-88.245	-0.50000	0.0	0.0	0.0
	26.00000	26.00000	0.00000	-88.034	-0.50000	0.0	0.0	0.0
	27.00000	26.00000	0.00000	-87.603	-0.50000	0.0	0.0	0.0
	28.00000	26.00000	0.00000	-86.946	-0.50000	0.0	0.0	0.0
	29.00000	26.00000	0.00000	-86.053	-0.50000	0.0	0.0	0.0
	30.00000	26.00000	0.00000	-84.903	-0.50000	0.0	0.0	0.0
	31.00000	26.00000	0.00000	-83.466	-0.50000	0.0	0.0	0.0
	32.00000	26.00000	0.00000	-81.694	-0.50000	0.0	0.0	0.0
	33.00000	26.00000	0.00000	-79.515	-0.50000	0.0	0.0	0.0
	34.00000	26.00000	0.00000	-76.822	-0.50000	0.0	0.0	0.0
	35.00000	26.00000	0.00000	-73.437	-0.50000	0.0	0.0	0.0
	36.00000	26.00000	0.00000	-69.052	-0.50000	0.0	0.0	0.0
	37.00000	26.00000	0.00000	-63.004	-0.50000	0.0	0.0	0.0
	38.00000	26.00000	0.00000	-51.942	-0.50000	0.0	0.0	0.0
	39.00000	26.00000	0.00000	-40.859	-0.50000	0.0	0.0	0.0
	40.00000	26.00000	0.00000	-34.753	-0.50000	0.0	0.0	0.0
	41.00000	26.00000	0.00000	-30.270	-0.50000	0.0	0.0	0.0
	42.00000	26.00000	0.00000	-26.746	-0.50000	0.0	0.0	0.0
	43.00000	26.00000	0.00000	-23.869	-0.50000	0.0	0.0	0.0
	44.00000	26.00000	0.00000	-21.461	-0.50000	0.0	0.0	0.0
	45.00000	26.00000	0.00000	-19.407	-0.50000	0.0	0.0	0.0
	46.00000	26.00000	0.00000	-17.632	-0.50000	0.0	0.0	0.0
	47.00000	26.00000	0.00000	-16.080	-0.50000	0.0	0.0	0.0
	48.00000	26.00000	0.00000	-14.711	-0.50000	0.0	0.0	0.0
	49.00000	26.00000	0.00000	-13.495	-0.50000	0.0	0.0	0.0
	50.00000	26.00000	0.00000	-12.408	-0.50000	0.0	0.0	0.0
	51.00000	26.00000	0.00000	-11.432	-0.50000	0.0	0.0	0.0
	52.00000	26.00000	0.00000	-10.550	-0.50000	0.0	0.0	0.0
	53.00000	26.00000	0.00000	-9.7518	-0.50000	0.0	0.0	0.0
	54.00000	26.00000	0.00000	-9.0260	-0.50000	0.0	0.0	0.0
	55.00000	26.00000	0.00000	-8.3644	-0.50000	0.0	0.0	0.0
	56.00000	26.00000	0.00000	-7.7597	-0.50000	0.0	0.0	0.0
	57.00000	26.00000	0.00000	-7.2057	-0.50000	0.0	0.0	0.0
	58.00000	26.00000	0.00000	-6.6971	-0.50000	0.0	0.0	0.0
	59.00000	26.00000	0.00000	-6.2294	-0.50000	0.0	0.0	0.0
	60.00000	26.00000	0.00000	-5.7986	-0.50000	0.0	0.0	0.0
	-20.00000	27.00000	0.00000	-5.7875	-0.50000	0.0	0.0	0.0
	-19.00000	27.00000	0.00000	-6.2191	-0.50000	0.0	0.0	0.0
	-18.00000	27.00000	0.00000	-6.6881	-0.50000	0.0	0.0	0.0
	-17.00000	27.00000	0.00000	-7.1989	-0.50000	0.0	0.0	0.0
	-16.00000	27.00000	0.00000	-7.7561	-0.50000	0.0	0.0	0.0
	-15.00000	27.00000	0.00000	-8.3656	-0.50000	0.0	0.0	0.0
	-14.00000	27.00000	0.00000	-9.0340	-0.50000	0.0	0.0	0.0
	-13.00000	27.00000	0.00000	-9.7694	-0.50000	0.0	0.0	0.0
	-12.00000	27.00000	0.00000	-10.581	-0.50000	0.0	0.0	0.0
	-11.00000	27.00000	0.00000	-11.481	-0.50000	0.0	0.0	0.0
	-10.00000	27.00000	0.00000	-12.484	-0.50000	0.0	0.0	0.0
	-9.00000	27.00000	0.00000	-13.607	-0.50000	0.0	0.0	0.0
	-8.00000	27.00000	0.00000	-14.875	-0.50000	0.0	0.0	0.0
	-7.00000	27.00000	0.00000	-16.318	-0.50000	0.0	0.0	0.0
	-6.00000	27.00000	0.00000	-17.978	-0.50000	0.0	0.0	0.0
	-5.00000	27.00000	0.00000	-19.918	-0.50000	0.0	0.0	0.0
	-4.00000	27.00000	0.00000	-22.228	-0.50000	0.0	0.0	0.0
	-3.00000	27.00000	0.00000	-25.062	-0.50000	0.0	0.0	0.0
	-2.00000	27.00000	0.00000	-28.704	-0.50000	0.0	0.0	0.0
	-1.00000	27.00000	0.00000	-33.808	-0.50000	0.0	0.0	0.0
	0.00000	27.00000	0.00000	-43.773	-0.50000	0.0	0.0	0.0
	1.00000	27.00000	0.00000	-53.739	-0.50000	0.0	0.0	0.0
	2.00000	27.00000	0.00000	-58.848	-0.50000	0.0	0.0	0.0
	3.00000	27.00000	0.00000	-62.499	-0.50000	0.0	0.0	0.0
	4.00000	27.00000	0.00000	-65.342	-0.50000	0.0	0.0	0.0
	5.00000	27.00000	0.00000	-67.661	-0.50000	0.0	0.0	0.0
	6.00000	27.00000	0.00000	-69.608	-0.50000	0.0	0.0	0.0
	7.00000	27.00000	0.00000	-71.273	-0.50000	0.0	0.0	0.0
	8.00000	27.00000	0.00000	-72.716	-0.50000	0.0	0.0	0.0
	9.00000	27.00000	0.00000	-73.979	-0.50000	0.0	0.0	0.0
	10.00000	27.00000	0.00000	-75.093	-0.50000	0.0	0.0	0.0
	11.00000	27.00000	0.00000	-76.083	-0.50000	0.0	0.0	0.0
	12.00000	27.00000	0.00000	-76.967	-0.50000	0.0	0.0	0.0
	13.00000	27.00000	0.00000	-77.762	-0.50000	0.0	0.0	0.0
	14.00000	27.00000	0.00000	-78.486	-0.50000	0.0	0.0	0.0
	15.00000	27.00000	0.00000	-79.152	-0.50000	0.0	0.0	0.0
	16.00000	27.00000	0.00000	-79.779	-0.50000	0.0	0.0	0.0
	17.00000	27.00000	0.00000	-80.384	-0.50000	0.0	0.0	0.0
	18.00000	27.00000	0.00000	-80.992	-0.50000	0.0	0.0	0.0
	19.00000	27.00000	0.00000	-81.629	-0.50000	0.0	0.0	0.0
	20.00000	27.00000	0.00000	-82.325	-0.50000	0.0	0.0	0.0
	21.00000	27.00000	0.00000	-83.095	-0.50000	0.0	0.0	0.0
	22.00000	27.00000	0.00000	-83.898	-0.50000	0.0	0.0	0.0
	23.00000	27.00000	0.00000	-84.602	-0.50000	0.0	0.0	0.0
	24.00000	27.00000	0.00000	-85.076	-0.50000	0.0	0.0	0.0
	25.00000	27.00000	0.00000	-85.274	-0.50000	0.0	0.0	0.0
	26.00000	27.00000	0.00000	-85.201	-0.50000	0.0	0.0	0.0
	27.00000	27.00000	0.00000	-84.876	-0.50000	0.0	0.0	0.0
	28.00000	27.00000	0.00000	-84.307	-0.50000	0.0	0.0	0.0
	29.00000	27.00000	0.00000	-83.493	-0.50000	0.0	0.0	0.0
	30.00000	27.00000	0.00000	-82.423	-0.50000	0.0	0.0	0.0
	31.00000	27.00000	0.00000	-81.070	-0.50000	0.0	0.0	0.0
	32.00000	27.00000	0.00000	-79.389	-0.50000	0.0	0.0	0.0
	33.00000	27.00000	0.00000	-77.313	-0.50000	0.0	0.0	0.0
	34.00000	27.00000	0.00000	-74.736	-0.50000	0.0	0.0	0.0
	35.00000	27.00000	0.00000	-71.483	-0.50000	0.0	0.0	0.0
	36.00000	27.00000	0.00000	-67.246	-0.50000	0.0	0.0	0.0
	37.00000	27.00000	0.00000	-61.359	-0.50000	0.0	0.0	0.0
	38.00000	27.00000	0.00000	-50.464	-0.50000	0.0	0.0	0.0
	39.00000	27.00000	0.00000	-39.549	-0.50000	0.0	0.0	0.0
	40.00000	27.00000	0.00000	-33.603	-0.50000	0.0	0.0	0.0
	41.00000	27.00000	0.00000	-29.266	-0.50000	0.0	0.0	0.0
	42.00000	27.00000	0.00000	-25.871	-0.50000	0.0	0.0	0.0
	43.00000	27.00000	0.00000	-23.107	-0.50000	0.0	0.0	0.0
	44.00000	27.00000	0.00000	-20.795	-0.50000	0.0	0.0	0.0
	45.00000	27.00000	0.00000	-18.825	-0.50000	0.0	0.0	0.0
	46.00000	27.00000	0.00000	-17.121	-0.50000	0.0	0.0	0.0
	47.00000	27.00000	0.00

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	51.00000	27.00000	0.00000	-11.155	-0.50000	0.0	0.0	0.0
	52.00000	27.00000	0.00000	-10.303	-0.50000	0.0	0.0	0.0
	53.00000	27.00000	0.00000	-9.5312	-0.50000	0.0	0.0	0.0
	54.00000	27.00000	0.00000	-8.8285	-0.50000	0.0	0.0	0.0
	55.00000	27.00000	0.00000	-8.1871	-0.50000	0.0	0.0	0.0
	56.00000	27.00000	0.00000	-7.6003	-0.50000	0.0	0.0	0.0
	57.00000	27.00000	0.00000	-7.0622	-0.50000	0.0	0.0	0.0
	58.00000	27.00000	0.00000	-6.5677	-0.50000	0.0	0.0	0.0
	59.00000	27.00000	0.00000	-6.1125	-0.50000	0.0	0.0	0.0
	60.00000	27.00000	0.00000	-5.6928	-0.50000	0.0	0.0	0.0
	-20.00000	28.00000	0.00000	-5.6614	-0.50000	0.0	0.0	0.0
	-19.00000	28.00000	0.00000	-6.0790	-0.50000	0.0	0.0	0.0
	-18.00000	28.00000	0.00000	-6.5321	-0.50000	0.0	0.0	0.0
	-17.00000	28.00000	0.00000	-7.0248	-0.50000	0.0	0.0	0.0
	-16.00000	28.00000	0.00000	-7.5613	-0.50000	0.0	0.0	0.0
	-15.00000	28.00000	0.00000	-8.1470	-0.50000	0.0	0.0	0.0
	-14.00000	28.00000	0.00000	-8.7879	-0.50000	0.0	0.0	0.0
	-13.00000	28.00000	0.00000	-9.4913	-0.50000	0.0	0.0	0.0
	-12.00000	28.00000	0.00000	-10.266	-0.50000	0.0	0.0	0.0
	-11.00000	28.00000	0.00000	-11.122	-0.50000	0.0	0.0	0.0
	-10.00000	28.00000	0.00000	-12.072	-0.50000	0.0	0.0	0.0
	-9.00000	28.00000	0.00000	-13.132	-0.50000	0.0	0.0	0.0
	-8.00000	28.00000	0.00000	-14.323	-0.50000	0.0	0.0	0.0
	-7.00000	28.00000	0.00000	-15.671	-0.50000	0.0	0.0	0.0
	-6.00000	28.00000	0.00000	-17.212	-0.50000	0.0	0.0	0.0
	-5.00000	28.00000	0.00000	-18.997	-0.50000	0.0	0.0	0.0
	-4.00000	28.00000	0.00000	-21.102	-0.50000	0.0	0.0	0.0
	-3.00000	28.00000	0.00000	-23.653	-0.50000	0.0	0.0	0.0
	-2.00000	28.00000	0.00000	-26.887	-0.50000	0.0	0.0	0.0
	-1.00000	28.00000	0.00000	-31.366	-0.50000	0.0	0.0	0.0
	0.00000	28.00000	0.00000	-40.427	-0.50000	0.0	0.0	0.0
	1.00000	28.00000	0.00000	-49.488	-0.50000	0.0	0.0	0.0
	2.00000	28.00000	0.00000	-53.970	-0.50000	0.0	0.0	0.0
	3.00000	28.00000	0.00000	-57.206	-0.50000	0.0	0.0	0.0
	4.00000	28.00000	0.00000	-59.761	-0.50000	0.0	0.0	0.0
	5.00000	28.00000	0.00000	-61.869	-0.50000	0.0	0.0	0.0
	6.00000	28.00000	0.00000	-63.655	-0.50000	0.0	0.0	0.0
	7.00000	28.00000	0.00000	-65.195	-0.50000	0.0	0.0	0.0
	8.00000	28.00000	0.00000	-66.538	-0.50000	0.0	0.0	0.0
	9.00000	28.00000	0.00000	-67.721	-0.50000	0.0	0.0	0.0
	10.00000	28.00000	0.00000	-68.771	-0.50000	0.0	0.0	0.0
	11.00000	28.00000	0.00000	-69.709	-0.50000	0.0	0.0	0.0
	12.00000	28.00000	0.00000	-70.553	-0.50000	0.0	0.0	0.0
	13.00000	28.00000	0.00000	-71.320	-0.50000	0.0	0.0	0.0
	14.00000	28.00000	0.00000	-72.026	-0.50000	0.0	0.0	0.0
	15.00000	28.00000	0.00000	-72.688	-0.50000	0.0	0.0	0.0
	16.00000	28.00000	0.00000	-73.325	-0.50000	0.0	0.0	0.0
	17.00000	28.00000	0.00000	-73.963	-0.50000	0.0	0.0	0.0
	18.00000	28.00000	0.00000	-74.636	-0.50000	0.0	0.0	0.0
	19.00000	28.00000	0.00000	-75.396	-0.50000	0.0	0.0	0.0
	20.00000	28.00000	0.00000	-76.319	-0.50000	0.0	0.0	0.0
	21.00000	28.00000	0.00000	-77.510	-0.50000	0.0	0.0	0.0
	22.00000	28.00000	0.00000	-79.002	-0.50000	0.0	0.0	0.0
	23.00000	28.00000	0.00000	-80.401	-0.50000	0.0	0.0	0.0
	24.00000	28.00000	0.00000	-81.310	-0.50000	0.0	0.0	0.0
	25.00000	28.00000	0.00000	-81.759	-0.50000	0.0	0.0	0.0
	26.00000	28.00000	0.00000	-81.843	-0.50000	0.0	0.0	0.0
	27.00000	28.00000	0.00000	-81.628	-0.50000	0.0	0.0	0.0
	28.00000	28.00000	0.00000	-81.148	-0.50000	0.0	0.0	0.0
	29.00000	28.00000	0.00000	-80.418	-0.50000	0.0	0.0	0.0
	30.00000	28.00000	0.00000	-79.431	-0.50000	0.0	0.0	0.0
	31.00000	28.00000	0.00000	-78.167	-0.50000	0.0	0.0	0.0
	32.00000	28.00000	0.00000	-76.588	-0.50000	0.0	0.0	0.0
	33.00000	28.00000	0.00000	-74.630	-0.50000	0.0	0.0	0.0
	34.00000	28.00000	0.00000	-72.190	-0.50000	0.0	0.0	0.0
	35.00000	28.00000	0.00000	-69.099	-0.50000	0.0	0.0	0.0
	36.00000	28.00000	0.00000	-65.050	-0.50000	0.0	0.0	0.0
	37.00000	28.00000	0.00000	-59.373	-0.50000	0.0	0.0	0.0
	38.00000	28.00000	0.00000	-48.704	-0.50000	0.0	0.0	0.0
	39.00000	28.00000	0.00000	-38.015	-0.50000	0.0	0.0	0.0
	40.00000	28.00000	0.00000	-32.280	-0.50000	0.0	0.0	0.0
	41.00000	28.00000	0.00000	-28.129	-0.50000	0.0	0.0	0.0
	42.00000	28.00000	0.00000	-24.895	-0.50000	0.0	0.0	0.0
	43.00000	28.00000	0.00000	-22.266	-0.50000	0.0	0.0	0.0
	44.00000	28.00000	0.00000	-20.068	-0.50000	0.0	0.0	0.0
	45.00000	28.00000	0.00000	-18.193	-0.50000	0.0	0.0	0.0
	46.00000	28.00000	0.00000	-16.569	-0.50000	0.0	0.0	0.0
	47.00000	28.00000	0.00000	-15.147	-0.50000	0.0	0.0	0.0
	48.00000	28.00000	0.00000	-13.889	-0.50000	0.0	0.0	0.0
	49.00000	28.00000	0.00000	-12.768	-0.50000	0.0	0.0	0.0
	50.00000	28.00000	0.00000	-11.764	-0.50000	0.0	0.0	0.0
	51.00000	28.00000	0.00000	-10.859	-0.50000	0.0	0.0	0.0
	52.00000	28.00000	0.00000	-10.040	-0.50000	0.0	0.0	0.0
	53.00000	28.00000	0.00000	-9.2956	-0.50000	0.0	0.0	0.0
	54.00000	28.00000	0.00000	-8.6176	-0.50000	0.0	0.0	0.0
	55.00000	28.00000	0.00000	-7.9979	-0.50000	0.0	0.0	0.0
	56.00000	28.00000	0.00000	-7.4302	-0.50000	0.0	0.0	0.0
	57.00000	28.00000	0.00000	-6.9089	-0.50000	0.0	0.0	0.0
	58.00000	28.00000	0.00000	-6.4294	-0.50000	0.0	0.0	0.0
	59.00000	28.00000	0.00000	-5.9876	-0.50000	0.0	0.0	0.0
	60.00000	28.00000	0.00000	-5.5797	-0.50000	0.0	0.0	0.0
	-20.00000	29.00000	0.00000	-5.5284	-0.50000	0.0	0.0	0.0
	-19.00000	29.00000	0.00000	-5.9313	-0.50000	0.0	0.0	0.0
	-18.00000	29.00000	0.00000	-6.3678	-0.50000	0.0	0.0	0.0
	-17.00000	29.00000	0.00000	-6.8415	-0.50000	0.0	0.0	0.0
	-16.00000	29.00000	0.00000	-7.3564	-0.50000	0.0	0.0	0.0
	-15.00000	29.00000	0.00000	-7.9173	-0.50000	0.0	0.0	0.0
	-14.00000	29.00000	0.00000	-8.5295	-0.50000	0.0	0.0	0.0
	-13.00000	29.00000	0.00000	-9.1995	-0.50000	0.0	0.0	0.0
	-12.00000	29.00000	0.00000	-9.9349	-0.50000	0.0	0.0	0.0
	-11.00000	29.00000	0.00000	-10.745	-0.50000	0.0	0.0	0.0
	-10.00000	29.00000	0.00000	-11.640	-0.50000	0.0	0.0	0.0
	-9.00000	29.00000	0.00000	-12.634	-0.50000	0.0	0.0	0.0
	-8.00000	29.00000	0.00000	-13.745	-0.50000	0.0	0.0	0.0
	-7.00000	29.00000	0.00000	-14.993	-0.50000	0.0	0.0	0.0
	-6.00000	29.00000	0.00000	-16.407	-0.50000	0.0	0.0	0.0
	-5.00000	29.00000	0.00000	-18.028	-0.50000	0.0	0.0	0.0
	-4.00000	29.00000	0.00000	-19.912	-0.50000	0.0	0.0	0.0
	-3.00000	29.00000	0.00000	-22.148	-0.50000	0.0	0.0	0.0
	-2.00000	29.00000	0.00000	-24.889	-0.50000	0.0	0.0	0.0
	-1.00000	29.00000	0.00000	-28.464	-0.50000	0.0	0.0	0.0
	0.00000	29.00000	0.00000	-34.543	-0.50000	0.0	0.0	0.0
	1.00000	29.00000	0.00000	-40.622	-0.50000	0.0	0.0	0.0
	2.00000	29.00000	0.00000	-44.197	-0.50000	0.0	0.0	0.0
	3.00000	29.00000	0.00000	-46.938	-0.50000	0.0	0.0	0.0
	4.00000	29.00000	0.00000	-49.173	-0.50000	0.0	0.0	0.0
	5.00000	29.00000	0.00000	-51.056	-0.50000	0.0	0.0	0.0
	6.00000	29.00000	0.00000	-52.673	-0.50000	0.0	0.0	0.0
	7.00000	29.00000	0.00000	-54.082	-0.50000	0.0	0.0	0.0
	8.00000	29.00000	0.00000	-55.322	-0.50000	0.0	0.0	0.0
	9.00000	29.00000	0.00000	-56.422	-0.50000	0.0	0.0	0.0
	10.00000	29.00000	0.00000	-57.406	-0.50000	0.0	0.0	0.0
	11.00000	29.00000	0.00000	-58.290	-0.50000	0.0	0.0	0.0
	12.00000	29.00000	0.00000	-59.093	-0.50000	0.0	0.0	0.0
	13.00000	29.00000	0.00000	-59.829	-0.50000	0.0	0.0	0.0
	14.00000	29.00000	0.00000	-60.513	-0.50000	0.0	0.0	0.0
	15.00000	29.00000	0.00000	-61.165	-0.50000	0.0	0.0	0.0
	16.00000	29.00000	0.00000	-61.806	-0.50000	0.0	0.0	0.0
	17.00000	29.00000	0.00000	-62.467	-0.50000	0.0	0.0	0.0
	18.00000	29.00000	0.00000	-63.196	-0.50000	0.0	0.0	0.0
	19.00000	29.00000	0.00000	-64.072	-0.50000	0.0	0.0	0.0
	20.00000	29.00000	0.00000	-65.247	-0.50000	0.0	0.0	0.0
	21.00000	29.00000	0.00000	-67.062	-0.50000	0.0	0.0	0.0
	22.00000	29.00000	0.00000	-71.227	-0.50000	0.0	0.0	0.0
	23.00000	29.00000	0.00000	-75.303	-0.50000	0.0	0.0	0.0
	24.00000	29.00000	0.00000	-76.850	-0.50000	0.0	0.0	0.0
	25.00000	29.00000	0.00000	-77.575	-0.50000	0.0	0.0	0.0
	26.00000	29.00000	0.00000	-77.811	-0.50000	0.0	0.0	0.0
	27.00000	29.00000	0.00000	-77.700	-0.50000	0.0	0.0	0.0
	28.00000	29.00000	0.00000	-77.305	-0.50000	0.0	0.0	0.0
	29.00000	29.00000	0.00000	-76.654	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	30.00000	29.00000	0.00000	-75.752	-0.50000	0.0	0.0	0.0
	31.00000	29.00000	0.00000	-74.583	-0.50000	0.0	0.0	0.0
	32.00000	29.00000	0.00000	-73.115	-0.50000	0.0	0.0	0.0
	33.00000	29.00000	0.00000	-71.289	-0.50000	0.0	0.0	0.0
	34.00000	29.00000	0.00000	-69.012	-0.50000	0.0	0.0	0.0
	35.00000	29.00000	0.00000	-66.120	-0.50000	0.0	0.0	0.0
	36.00000	29.00000	0.00000	-62.314	-0.50000	0.0	0.0	0.0
	37.00000	29.00000	0.00000	-56.926	-0.50000	0.0	0.0	0.0
	38.00000	29.00000	0.00000	-46.577	-0.50000	0.0	0.0	0.0
	39.00000	29.00000	0.00000	-36.208	-0.50000	0.0	0.0	0.0
	40.00000	29.00000	0.00000	-30.761	-0.50000	0.0	0.0	0.0
	41.00000	29.00000	0.00000	-26.854	-0.50000	0.0	0.0	0.0
	42.00000	29.00000	0.00000	-23.818	-0.50000	0.0	0.0	0.0
	43.00000	29.00000	0.00000	-21.350	-0.50000	0.0	0.0	0.0
	44.00000	29.00000	0.00000	-19.283	-0.50000	0.0	0.0	0.0
	45.00000	29.00000	0.00000	-17.515	-0.50000	0.0	0.0	0.0
	46.00000	29.00000	0.00000	-15.980	-0.50000	0.0	0.0	0.0
	47.00000	29.00000	0.00000	-14.632	-0.50000	0.0	0.0	0.0
	48.00000	29.00000	0.00000	-13.437	-0.50000	0.0	0.0	0.0
	49.00000	29.00000	0.00000	-12.370	-0.50000	0.0	0.0	0.0
	50.00000	29.00000	0.00000	-11.412	-0.50000	0.0	0.0	0.0
	51.00000	29.00000	0.00000	-10.546	-0.50000	0.0	0.0	0.0
	52.00000	29.00000	0.00000	-9.7610	-0.50000	0.0	0.0	0.0
	53.00000	29.00000	0.00000	-9.0467	-0.50000	0.0	0.0	0.0
	54.00000	29.00000	0.00000	-8.3947	-0.50000	0.0	0.0	0.0
	55.00000	29.00000	0.00000	-7.7979	-0.50000	0.0	0.0	0.0
	56.00000	29.00000	0.00000	-7.2504	-0.50000	0.0	0.0	0.0
	57.00000	29.00000	0.00000	-6.7470	-0.50000	0.0	0.0	0.0
	58.00000	29.00000	0.00000	-6.2832	-0.50000	0.0	0.0	0.0
	59.00000	29.00000	0.00000	-5.8554	-0.50000	0.0	0.0	0.0
	60.00000	29.00000	0.00000	-5.4601	-0.50000	0.0	0.0	0.0
	-20.00000	30.00000	0.00000	-5.3894	-0.50000	0.0	0.0	0.0
	-19.00000	30.00000	0.00000	-5.7772	-0.50000	0.0	0.0	0.0
	-18.00000	30.00000	0.00000	-6.1965	-0.50000	0.0	0.0	0.0
	-17.00000	30.00000	0.00000	-6.6506	-0.50000	0.0	0.0	0.0
	-16.00000	30.00000	0.00000	-7.1432	-0.50000	0.0	0.0	0.0
	-15.00000	30.00000	0.00000	-7.6784	-0.50000	0.0	0.0	0.0
	-14.00000	30.00000	0.00000	-8.2610	-0.50000	0.0	0.0	0.0
	-13.00000	30.00000	0.00000	-8.8967	-0.50000	0.0	0.0	0.0
	-12.00000	30.00000	0.00000	-9.5921	-0.50000	0.0	0.0	0.0
	-11.00000	30.00000	0.00000	-10.355	-0.50000	0.0	0.0	0.0
	-10.00000	30.00000	0.00000	-11.194	-0.50000	0.0	0.0	0.0
	-9.00000	30.00000	0.00000	-12.121	-0.50000	0.0	0.0	0.0
	-8.00000	30.00000	0.00000	-13.149	-0.50000	0.0	0.0	0.0
	-7.00000	30.00000	0.00000	-14.296	-0.50000	0.0	0.0	0.0
	-6.00000	30.00000	0.00000	-15.583	-0.50000	0.0	0.0	0.0
	-5.00000	30.00000	0.00000	-17.038	-0.50000	0.0	0.0	0.0
	-4.00000	30.00000	0.00000	-18.699	-0.50000	0.0	0.0	0.0
	-3.00000	30.00000	0.00000	-20.617	-0.50000	0.0	0.0	0.0
	-2.00000	30.00000	0.00000	-22.865	-0.50000	0.0	0.0	0.0
	-1.00000	30.00000	0.00000	-25.533	-0.50000	0.0	0.0	0.0
	0.00000	30.00000	0.00000	-28.630	-0.50000	0.0	0.0	0.0
	1.00000	30.00000	0.00000	-31.726	-0.50000	0.0	0.0	0.0
	2.00000	30.00000	0.00000	-34.393	-0.50000	0.0	0.0	0.0
	3.00000	30.00000	0.00000	-36.639	-0.50000	0.0	0.0	0.0
	4.00000	30.00000	0.00000	-38.553	-0.50000	0.0	0.0	0.0
	5.00000	30.00000	0.00000	-40.209	-0.50000	0.0	0.0	0.0
	6.00000	30.00000	0.00000	-41.658	-0.50000	0.0	0.0	0.0
	7.00000	30.00000	0.00000	-42.936	-0.50000	0.0	0.0	0.0
	8.00000	30.00000	0.00000	-44.072	-0.50000	0.0	0.0	0.0
	9.00000	30.00000	0.00000	-45.089	-0.50000	0.0	0.0	0.0
	10.00000	30.00000	0.00000	-46.005	-0.50000	0.0	0.0	0.0
	11.00000	30.00000	0.00000	-46.834	-0.50000	0.0	0.0	0.0
	12.00000	30.00000	0.00000	-47.593	-0.50000	0.0	0.0	0.0
	13.00000	30.00000	0.00000	-48.294	-0.50000	0.0	0.0	0.0
	14.00000	30.00000	0.00000	-48.953	-0.50000	0.0	0.0	0.0
	15.00000	30.00000	0.00000	-49.588	-0.50000	0.0	0.0	0.0
	16.00000	30.00000	0.00000	-50.223	-0.50000	0.0	0.0	0.0
	17.00000	30.00000	0.00000	-50.891	-0.50000	0.0	0.0	0.0
	18.00000	30.00000	0.00000	-51.649	-0.50000	0.0	0.0	0.0
	19.00000	30.00000	0.00000	-52.598	-0.50000	0.0	0.0	0.0
	20.00000	30.00000	0.00000	-53.948	-0.50000	0.0	0.0	0.0
	21.00000	30.00000	0.00000	-56.260	-0.50000	0.0	0.0	0.0
	22.00000	30.00000	0.00000	-62.923	-0.50000	0.0	0.0	0.0
	23.00000	30.00000	0.00000	-69.501	-0.50000	0.0	0.0	0.0
	24.00000	30.00000	0.00000	-71.561	-0.50000	0.0	0.0	0.0
	25.00000	30.00000	0.00000	-72.487	-0.50000	0.0	0.0	0.0
	26.00000	30.00000	0.00000	-72.833	-0.50000	0.0	0.0	0.0
	27.00000	30.00000	0.00000	-72.800	-0.50000	0.0	0.0	0.0
	28.00000	30.00000	0.00000	-72.476	-0.50000	0.0	0.0	0.0
	29.00000	30.00000	0.00000	-71.900	-0.50000	0.0	0.0	0.0
	30.00000	30.00000	0.00000	-71.080	-0.50000	0.0	0.0	0.0
	31.00000	30.00000	0.00000	-70.009	-0.50000	0.0	0.0	0.0
	32.00000	30.00000	0.00000	-68.659	-0.50000	0.0	0.0	0.0
	33.00000	30.00000	0.00000	-66.981	-0.50000	0.0	0.0	0.0
	34.00000	30.00000	0.00000	-64.890	-0.50000	0.0	0.0	0.0
	35.00000	30.00000	0.00000	-62.242	-0.50000	0.0	0.0	0.0
	36.00000	30.00000	0.00000	-58.755	-0.50000	0.0	0.0	0.0
	37.00000	30.00000	0.00000	-53.783	-0.50000	0.0	0.0	0.0
	38.00000	30.00000	0.00000	-43.930	-0.50000	0.0	0.0	0.0
	39.00000	30.00000	0.00000	-34.057	-0.50000	0.0	0.0	0.0
	40.00000	30.00000	0.00000	-29.025	-0.50000	0.0	0.0	0.0
	41.00000	30.00000	0.00000	-25.439	-0.50000	0.0	0.0	0.0
	42.00000	30.00000	0.00000	-22.647	-0.50000	0.0	0.0	0.0
	43.00000	30.00000	0.00000	-20.366	-0.50000	0.0	0.0	0.0
	44.00000	30.00000	0.00000	-18.447	-0.50000	0.0	0.0	0.0
	45.00000	30.00000	0.00000	-16.798	-0.50000	0.0	0.0	0.0
	46.00000	30.00000	0.00000	-15.360	-0.50000	0.0	0.0	0.0
	47.00000	30.00000	0.00000	-14.092	-0.50000	0.0	0.0	0.0
	48.00000	30.00000	0.00000	-12.964	-0.50000	0.0	0.0	0.0
	49.00000	30.00000	0.00000	-11.953	-0.50000	0.0	0.0	0.0
	50.00000	30.00000	0.00000	-11.043	-0.50000	0.0	0.0	0.0
	51.00000	30.00000	0.00000	-10.218	-0.50000	0.0	0.0	0.0
	52.00000	30.00000	0.00000	-9.4694	-0.50000	0.0	0.0	0.0
	53.00000	30.00000	0.00000	-8.7863	-0.50000	0.0	0.0	0.0
	54.00000	30.00000	0.00000	-8.1615	-0.50000	0.0	0.0	0.0
	55.00000	30.00000	0.00000	-7.5886	-0.50000	0.0	0.0	0.0
	56.00000	30.00000	0.00000	-7.0620	-0.50000	0.0	0.0	0.0
	57.00000	30.00000	0.00000	-6.5772	-0.50000	0.0	0.0	0.0
	58.00000	30.00000	0.00000	-6.1299	-0.50000	0.0	0.0	0.0
	59.00000	30.00000	0.00000	-5.7167	-0.50000	0.0	0.0	0.0
	60.00000	30.00000	0.00000	-5.3344	-0.50000	0.0	0.0	0.0
	-20.00000	31.00000	0.00000	-5.2454	-0.50000	0.0	0.0	0.0
	-19.00000	31.00000	0.00000	-5.6176	-0.50000	0.0	0.0	0.0
	-18.00000	31.00000	0.00000	-6.0193	-0.50000	0.0	0.0	0.0
	-17.00000	31.00000	0.00000	-6.4534	-0.50000	0.0	0.0	0.0
	-16.00000	31.00000	0.00000	-6.9232	-0.50000	0.0	0.0	0.0
	-15.00000	31.00000	0.00000	-7.4323	-0.50000	0.0	0.0	0.0
	-14.00000	31.00000	0.00000	-7.9850	-0.50000	0.0	0.0	0.0
	-13.00000	31.00000	0.00000	-8.5860	-0.50000	0.0	0.0	0.0
	-12.00000	31.00000	0.00000	-9.2408	-0.50000	0.0	0.0	0.0
	-11.00000	31.00000	0.00000	-9.9561	-0.50000	0.0	0.0	0.0
	-10.00000	31.00000	0.00000	-10.739	-0.50000	0.0	0.0	0.0
	-9.00000	31.00000	0.00000	-11.599	-0.50000	0.0	0.0	0.0
	-8.00000	31.00000	0.00000	-12.546	-0.50000	0.0	0.0	0.0
	-7.00000	31.00000	0.00000	-13.594	-0.50000	0.0	0.0	0.0
	-6.00000	31.00000	0.00000	-14.756	-0.50000	0.0	0.0	0.0
	-5.00000	31.00000	0.00000	-16.052	-0.50000	0.0	0.0	0.0
	-4.00000	31.00000	0.00000	-17.503	-0.50000	0.0	0.0	0.0
	-3.00000	31.00000	0.00000	-19.133	-0.50000	0.0	0.0	0.0
	-2.00000	31.00000	0.00000	-20.966	-0.50000	0.0	0.0	0.0
	-1.00000	31.00000	0.00000	-23.006	-0.50000	0.0	0.0	0.0
	0.00000	31.00000	0.00000	-25.195	-0.50000	0.0	0.0	0.0
	1.00000	31.00000	0.00000	-27.383	-0.50000	0.0	0.0	0.0
	2.00000	31.00000	0.00000	-29.421	-0.50000	0.0	0.0	0.0
	3.00000	31.00000	0.00000	-31.250	-0.50000	0.0	0.0	0.0
	4.00000	31.00000	0.00000	-32.875	-0.50000	0.0	0.0	0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	9.00000	31.00000	0.00000	-38.727	-0.50000	0.0	0.0	0.0
	10.00000	31.00000	0.00000	-39.575	-0.50000	0.0	0.0	0.0
	11.00000	31.00000	0.00000	-40.349	-0.50000	0.0	0.0	0.0
	12.00000	31.00000	0.00000	-41.061	-0.50000	0.0	0.0	0.0
	13.00000	31.00000	0.00000	-41.725	-0.50000	0.0	0.0	0.0
	14.00000	31.00000	0.00000	-42.353	-0.50000	0.0	0.0	0.0
	15.00000	31.00000	0.00000	-42.964	-0.50000	0.0	0.0	0.0
	16.00000	31.00000	0.00000	-43.579	-0.50000	0.0	0.0	0.0
	17.00000	31.00000	0.00000	-44.234	-0.50000	0.0	0.0	0.0
	18.00000	31.00000	0.00000	-44.983	-0.50000	0.0	0.0	0.0
	19.00000	31.00000	0.00000	-45.927	-0.50000	0.0	0.0	0.0
	20.00000	31.00000	0.00000	-47.279	-0.50000	0.0	0.0	0.0
	21.00000	31.00000	0.00000	-49.595	-0.50000	0.0	0.0	0.0
	22.00000	31.00000	0.00000	-56.268	-0.50000	0.0	0.0	0.0
	23.00000	31.00000	0.00000	-62.861	-0.50000	0.0	0.0	0.0
	24.00000	31.00000	0.00000	-64.942	-0.50000	0.0	0.0	0.0
	25.00000	31.00000	0.00000	-65.895	-0.50000	0.0	0.0	0.0
	26.00000	31.00000	0.00000	-66.274	-0.50000	0.0	0.0	0.0
	27.00000	31.00000	0.00000	-66.283	-0.50000	0.0	0.0	0.0
	28.00000	31.00000	0.00000	-66.012	-0.50000	0.0	0.0	0.0
	29.00000	31.00000	0.00000	-65.499	-0.50000	0.0	0.0	0.0
	30.00000	31.00000	0.00000	-64.758	-0.50000	0.0	0.0	0.0
	31.00000	31.00000	0.00000	-63.785	-0.50000	0.0	0.0	0.0
	32.00000	31.00000	0.00000	-62.558	-0.50000	0.0	0.0	0.0
	33.00000	31.00000	0.00000	-61.039	-0.50000	0.0	0.0	0.0
	34.00000	31.00000	0.00000	-59.158	-0.50000	0.0	0.0	0.0
	35.00000	31.00000	0.00000	-56.797	-0.50000	0.0	0.0	0.0
	36.00000	31.00000	0.00000	-53.725	-0.50000	0.0	0.0	0.0
	37.00000	31.00000	0.00000	-49.382	-0.50000	0.0	0.0	0.0
	38.00000	31.00000	0.00000	-40.437	-0.50000	0.0	0.0	0.0
	39.00000	31.00000	0.00000	-31.472	-0.50000	0.0	0.0	0.0
	40.00000	31.00000	0.00000	-27.070	-0.50000	0.0	0.0	0.0
	41.00000	31.00000	0.00000	-23.900	-0.50000	0.0	0.0	0.0
	42.00000	31.00000	0.00000	-21.397	-0.50000	0.0	0.0	0.0
	43.00000	31.00000	0.00000	-19.329	-0.50000	0.0	0.0	0.0
	44.00000	31.00000	0.00000	-17.572	-0.50000	0.0	0.0	0.0
	45.00000	31.00000	0.00000	-16.050	-0.50000	0.0	0.0	0.0
	46.00000	31.00000	0.00000	-14.715	-0.50000	0.0	0.0	0.0
	47.00000	31.00000	0.00000	-13.531	-0.50000	0.0	0.0	0.0
	48.00000	31.00000	0.00000	-12.472	-0.50000	0.0	0.0	0.0
	49.00000	31.00000	0.00000	-11.521	-0.50000	0.0	0.0	0.0
	50.00000	31.00000	0.00000	-10.660	-0.50000	0.0	0.0	0.0
	51.00000	31.00000	0.00000	-9.8791	-0.50000	0.0	0.0	0.0
	52.00000	31.00000	0.00000	-9.1671	-0.50000	0.0	0.0	0.0
	53.00000	31.00000	0.00000	-8.5161	-0.50000	0.0	0.0	0.0
	54.00000	31.00000	0.00000	-7.9194	-0.50000	0.0	0.0	0.0
	55.00000	31.00000	0.00000	-7.3712	-0.50000	0.0	0.0	0.0
	56.00000	31.00000	0.00000	-6.8664	-0.50000	0.0	0.0	0.0
	57.00000	31.00000	0.00000	-6.4007	-0.50000	0.0	0.0	0.0
	58.00000	31.00000	0.00000	-5.9705	-0.50000	0.0	0.0	0.0
	59.00000	31.00000	0.00000	-5.5724	-0.50000	0.0	0.0	0.0
	60.00000	31.00000	0.00000	-5.2036	-0.50000	0.0	0.0	0.0
	-20.00000	32.00000	0.00000	-5.0972	-0.50000	0.0	0.0	0.0
	-19.00000	32.00000	0.00000	-5.4536	-0.50000	0.0	0.0	0.0
	-18.00000	32.00000	0.00000	-5.8375	-0.50000	0.0	0.0	0.0
	-17.00000	32.00000	0.00000	-6.2514	-0.50000	0.0	0.0	0.0
	-16.00000	32.00000	0.00000	-6.6982	-0.50000	0.0	0.0	0.0
	-15.00000	32.00000	0.00000	-7.1811	-0.50000	0.0	0.0	0.0
	-14.00000	32.00000	0.00000	-7.7037	-0.50000	0.0	0.0	0.0
	-13.00000	32.00000	0.00000	-8.2700	-0.50000	0.0	0.0	0.0
	-12.00000	32.00000	0.00000	-8.8847	-0.50000	0.0	0.0	0.0
	-11.00000	32.00000	0.00000	-9.5530	-0.50000	0.0	0.0	0.0
	-10.00000	32.00000	0.00000	-10.281	-0.50000	0.0	0.0	0.0
	-9.00000	32.00000	0.00000	-11.075	-0.50000	0.0	0.0	0.0
	-8.00000	32.00000	0.00000	-11.944	-0.50000	0.0	0.0	0.0
	-7.00000	32.00000	0.00000	-12.896	-0.50000	0.0	0.0	0.0
	-6.00000	32.00000	0.00000	-13.941	-0.50000	0.0	0.0	0.0
	-5.00000	32.00000	0.00000	-15.090	-0.50000	0.0	0.0	0.0
	-4.00000	32.00000	0.00000	-16.354	-0.50000	0.0	0.0	0.0
	-3.00000	32.00000	0.00000	-17.741	-0.50000	0.0	0.0	0.0
	-2.00000	32.00000	0.00000	-19.254	-0.50000	0.0	0.0	0.0
	-1.00000	32.00000	0.00000	-20.878	-0.50000	0.0	0.0	0.0
	0.00000	32.00000	0.00000	-22.571	-0.50000	0.0	0.0	0.0
	1.00000	32.00000	0.00000	-24.262	-0.50000	0.0	0.0	0.0
	2.00000	32.00000	0.00000	-25.883	-0.50000	0.0	0.0	0.0
	3.00000	32.00000	0.00000	-27.391	-0.50000	0.0	0.0	0.0
	4.00000	32.00000	0.00000	-28.772	-0.50000	0.0	0.0	0.0
	5.00000	32.00000	0.00000	-30.027	-0.50000	0.0	0.0	0.0
	6.00000	32.00000	0.00000	-31.165	-0.50000	0.0	0.0	0.0
	7.00000	32.00000	0.00000	-32.197	-0.50000	0.0	0.0	0.0
	8.00000	32.00000	0.00000	-33.136	-0.50000	0.0	0.0	0.0
	9.00000	32.00000	0.00000	-33.990	-0.50000	0.0	0.0	0.0
	10.00000	32.00000	0.00000	-34.772	-0.50000	0.0	0.0	0.0
	11.00000	32.00000	0.00000	-35.490	-0.50000	0.0	0.0	0.0
	12.00000	32.00000	0.00000	-36.155	-0.50000	0.0	0.0	0.0
	13.00000	32.00000	0.00000	-36.778	-0.50000	0.0	0.0	0.0
	14.00000	32.00000	0.00000	-37.371	-0.50000	0.0	0.0	0.0
	15.00000	32.00000	0.00000	-37.950	-0.50000	0.0	0.0	0.0
	16.00000	32.00000	0.00000	-38.534	-0.50000	0.0	0.0	0.0
	17.00000	32.00000	0.00000	-39.155	-0.50000	0.0	0.0	0.0
	18.00000	32.00000	0.00000	-39.857	-0.50000	0.0	0.0	0.0
	19.00000	32.00000	0.00000	-40.720	-0.50000	0.0	0.0	0.0
	20.00000	32.00000	0.00000	-41.897	-0.50000	0.0	0.0	0.0
	21.00000	32.00000	0.00000	-43.726	-0.50000	0.0	0.0	0.0
	22.00000	32.00000	0.00000	-47.921	-0.50000	0.0	0.0	0.0
	23.00000	32.00000	0.00000	-52.042	-0.50000	0.0	0.0	0.0
	24.00000	32.00000	0.00000	-53.651	-0.50000	0.0	0.0	0.0
	25.00000	32.00000	0.00000	-54.455	-0.50000	0.0	0.0	0.0
	26.00000	32.00000	0.00000	-54.793	-0.50000	0.0	0.0	0.0
	27.00000	32.00000	0.00000	-54.806	-0.50000	0.0	0.0	0.0
	28.00000	32.00000	0.00000	-54.566	-0.50000	0.0	0.0	0.0
	29.00000	32.00000	0.00000	-54.106	-0.50000	0.0	0.0	0.0
	30.00000	32.00000	0.00000	-53.438	-0.50000	0.0	0.0	0.0
	31.00000	32.00000	0.00000	-52.561	-0.50000	0.0	0.0	0.0
	32.00000	32.00000	0.00000	-51.459	-0.50000	0.0	0.0	0.0
	33.00000	32.00000	0.00000	-50.104	-0.50000	0.0	0.0	0.0
	34.00000	32.00000	0.00000	-48.446	-0.50000	0.0	0.0	0.0
	35.00000	32.00000	0.00000	-46.403	-0.50000	0.0	0.0	0.0
	36.00000	32.00000	0.00000	-43.825	-0.50000	0.0	0.0	0.0
	37.00000	32.00000	0.00000	-40.390	-0.50000	0.0	0.0	0.0
	38.00000	32.00000	0.00000	-34.428	-0.50000	0.0	0.0	0.0
	39.00000	32.00000	0.00000	-28.448	-0.50000	0.0	0.0	0.0
	40.00000	32.00000	0.00000	-24.955	-0.50000	0.0	0.0	0.0
	41.00000	32.00000	0.00000	-22.281	-0.50000	0.0	0.0	0.0
	42.00000	32.00000	0.00000	-20.100	-0.50000	0.0	0.0	0.0
	43.00000	32.00000	0.00000	-18.259	-0.50000	0.0	0.0	0.0
	44.00000	32.00000	0.00000	-16.672	-0.50000	0.0	0.0	0.0
	45.00000	32.00000	0.00000	-15.282	-0.50000	0.0	0.0	0.0
	46.00000	32.00000	0.00000	-14.053	-0.50000	0.0	0.0	0.0
	47.00000	32.00000	0.00000	-12.955	-0.50000	0.0	0.0	0.0
	48.00000	32.00000	0.00000	-11.968	-0.50000	0.0	0.0	0.0
	49.00000	32.00000	0.00000	-11.077	-0.50000	0.0	0.0	0.0
	50.00000	32.00000	0.00000	-10.268	-0.50000	0.0	0.0	0.0
	51.00000	32.00000	0.00000	-9.5304	-0.50000	0.0	0.0	0.0
	52.00000	32.00000	0.00000	-8.8562	-0.50000	0.0	0.0	0.0
	53.00000	32.00000	0.00000	-8.2382	-0.50000	0.0	0.0	0.0
	54.00000	32.00000	0.00000	-7.6702	-0.50000	0.0	0.0	0.0
	55.00000	32.00000	0.00000	-7.1471	-0.50000	0.0	0.0	0.0
	56.00000	32.00000	0.00000	-6.6645	-0.50000	0.0	0.0	0.0
	57.00000	32.00000	0.00000	-6.2185	-0.50000	0.0	0.0	0.0
	58.00000	32.00000	0.00000	-5.8057	-0.50000	0.0	0.0	0.0
	59.00000	32.00000	0.00000	-5.4232	-0.50000	0.0	0.0	0.0
	60.00000	32.00000	0.00000	-5.0682	-0.50000	0.0	0.0	0.0
	-20.00000	33.00000	0.00000	-4.9458	-0.50000	0.0	0.0	0.0
	-19.00000	33.00000	0.00000	-5.2863	-0.50000	0.0	0.0	0.0
	-18.00000	33.00000	0.00000	-5.6523	-0.50000	0.0	0.0	0.0
	-17.00000	33.00000	0.00000	-6.0460	-0.50000	0.0	0.0	0.0
	-16.00000	33.00000	0.00000	-6.4698	-0.50000	0.0	0.0	0.0
	-15.00000	33.00000	0.00000	-6.9266	-0.50000	0.0	0.0	0.0
	-14.00000	33.00000	0.00000	-7.4194	-0.50000	0.0	0.0	0.0
	-13.00000	33.00000	0.00000	-7.9515	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-12.00000	33.00000	0.00000	-8.5267	-0.50000	0.0	0.0	0.0
	-11.00000	33.00000	0.00000	-9.1492	-0.50000	0.0	0.0	0.0
	-10.00000	33.00000	0.00000	-9.8236	-0.50000	0.0	0.0	0.0
	-9.00000	33.00000	0.00000	-10.555	-0.50000	0.0	0.0	0.0
	-8.00000	33.00000	0.00000	-11.349	-0.50000	0.0	0.0	0.0
	-7.00000	33.00000	0.00000	-12.212	-0.50000	0.0	0.0	0.0
	-6.00000	33.00000	0.00000	-13.149	-0.50000	0.0	0.0	0.0
	-5.00000	33.00000	0.00000	-14.167	-0.50000	0.0	0.0	0.0
	-4.00000	33.00000	0.00000	-15.269	-0.50000	0.0	0.0	0.0
	-3.00000	33.00000	0.00000	-16.458	-0.50000	0.0	0.0	0.0
	-2.00000	33.00000	0.00000	-17.727	-0.50000	0.0	0.0	0.0
	-1.00000	33.00000	0.00000	-19.061	-0.50000	0.0	0.0	0.0
	0.00000	33.00000	0.00000	-20.432	-0.50000	0.0	0.0	0.0
	1.00000	33.00000	0.00000	-21.802	-0.50000	0.0	0.0	0.0
	2.00000	33.00000	0.00000	-23.132	-0.50000	0.0	0.0	0.0
	3.00000	33.00000	0.00000	-24.395	-0.50000	0.0	0.0	0.0
	4.00000	33.00000	0.00000	-25.576	-0.50000	0.0	0.0	0.0
	5.00000	33.00000	0.00000	-26.668	-0.50000	0.0	0.0	0.0
	6.00000	33.00000	0.00000	-27.673	-0.50000	0.0	0.0	0.0
	7.00000	33.00000	0.00000	-28.596	-0.50000	0.0	0.0	0.0
	8.00000	33.00000	0.00000	-29.444	-0.50000	0.0	0.0	0.0
	9.00000	33.00000	0.00000	-30.222	-0.50000	0.0	0.0	0.0
	10.00000	33.00000	0.00000	-30.939	-0.50000	0.0	0.0	0.0
	11.00000	33.00000	0.00000	-31.603	-0.50000	0.0	0.0	0.0
	12.00000	33.00000	0.00000	-32.220	-0.50000	0.0	0.0	0.0
	13.00000	33.00000	0.00000	-32.800	-0.50000	0.0	0.0	0.0
	14.00000	33.00000	0.00000	-33.355	-0.50000	0.0	0.0	0.0
	15.00000	33.00000	0.00000	-33.895	-0.50000	0.0	0.0	0.0
	16.00000	33.00000	0.00000	-34.439	-0.50000	0.0	0.0	0.0
	17.00000	33.00000	0.00000	-35.008	-0.50000	0.0	0.0	0.0
	18.00000	33.00000	0.00000	-35.638	-0.50000	0.0	0.0	0.0
	19.00000	33.00000	0.00000	-36.377	-0.50000	0.0	0.0	0.0
	20.00000	33.00000	0.00000	-37.302	-0.50000	0.0	0.0	0.0
	21.00000	33.00000	0.00000	-38.518	-0.50000	0.0	0.0	0.0
	22.00000	33.00000	0.00000	-40.059	-0.50000	0.0	0.0	0.0
	23.00000	33.00000	0.00000	-41.532	-0.50000	0.0	0.0	0.0
	24.00000	33.00000	0.00000	-42.543	-0.50000	0.0	0.0	0.0
	25.00000	33.00000	0.00000	-43.123	-0.50000	0.0	0.0	0.0
	26.00000	33.00000	0.00000	-43.374	-0.50000	0.0	0.0	0.0
	27.00000	33.00000	0.00000	-43.366	-0.50000	0.0	0.0	0.0
	28.00000	33.00000	0.00000	-43.141	-0.50000	0.0	0.0	0.0
	29.00000	33.00000	0.00000	-42.723	-0.50000	0.0	0.0	0.0
	30.00000	33.00000	0.00000	-42.121	-0.50000	0.0	0.0	0.0
	31.00000	33.00000	0.00000	-41.335	-0.50000	0.0	0.0	0.0
	32.00000	33.00000	0.00000	-40.355	-0.50000	0.0	0.0	0.0
	33.00000	33.00000	0.00000	-39.162	-0.50000	0.0	0.0	0.0
	34.00000	33.00000	0.00000	-37.726	-0.50000	0.0	0.0	0.0
	35.00000	33.00000	0.00000	-35.999	-0.50000	0.0	0.0	0.0
	36.00000	33.00000	0.00000	-33.916	-0.50000	0.0	0.0	0.0
	37.00000	33.00000	0.00000	-31.387	-0.50000	0.0	0.0	0.0
	38.00000	33.00000	0.00000	-28.410	-0.50000	0.0	0.0	0.0
	39.00000	33.00000	0.00000	-25.413	-0.50000	0.0	0.0	0.0
	40.00000	33.00000	0.00000	-22.829	-0.50000	0.0	0.0	0.0
	41.00000	33.00000	0.00000	-20.652	-0.50000	0.0	0.0	0.0
	42.00000	33.00000	0.00000	-18.792	-0.50000	0.0	0.0	0.0
	43.00000	33.00000	0.00000	-17.179	-0.50000	0.0	0.0	0.0
	44.00000	33.00000	0.00000	-15.762	-0.50000	0.0	0.0	0.0
	45.00000	33.00000	0.00000	-14.506	-0.50000	0.0	0.0	0.0
	46.00000	33.00000	0.00000	-13.382	-0.50000	0.0	0.0	0.0
	47.00000	33.00000	0.00000	-12.371	-0.50000	0.0	0.0	0.0
	48.00000	33.00000	0.00000	-11.457	-0.50000	0.0	0.0	0.0
	49.00000	33.00000	0.00000	-10.626	-0.50000	0.0	0.0	0.0
	50.00000	33.00000	0.00000	-9.8684	-0.50000	0.0	0.0	0.0
	51.00000	33.00000	0.00000	-9.1752	-0.50000	0.0	0.0	0.0
	52.00000	33.00000	0.00000	-8.5392	-0.50000	0.0	0.0	0.0
	53.00000	33.00000	0.00000	-7.9544	-0.50000	0.0	0.0	0.0
	54.00000	33.00000	0.00000	-7.4155	-0.50000	0.0	0.0	0.0
	55.00000	33.00000	0.00000	-6.9179	-0.50000	0.0	0.0	0.0
	56.00000	33.00000	0.00000	-6.4578	-0.50000	0.0	0.0	0.0
	57.00000	33.00000	0.00000	-6.0318	-0.50000	0.0	0.0	0.0
	58.00000	33.00000	0.00000	-5.6367	-0.50000	0.0	0.0	0.0
	59.00000	33.00000	0.00000	-5.2699	-0.50000	0.0	0.0	0.0
	60.00000	33.00000	0.00000	-4.9291	-0.50000	0.0	0.0	0.0
	-20.00000	34.00000	0.00000	-4.7921	-0.50000	0.0	0.0	0.0
	-19.00000	34.00000	0.00000	-5.1167	-0.50000	0.0	0.0	0.0
	-18.00000	34.00000	0.00000	-5.4648	-0.50000	0.0	0.0	0.0
	-17.00000	34.00000	0.00000	-5.8384	-0.50000	0.0	0.0	0.0
	-16.00000	34.00000	0.00000	-6.2395	-0.50000	0.0	0.0	0.0
	-15.00000	34.00000	0.00000	-6.6706	-0.50000	0.0	0.0	0.0
	-14.00000	34.00000	0.00000	-7.1341	-0.50000	0.0	0.0	0.0
	-13.00000	34.00000	0.00000	-7.6328	-0.50000	0.0	0.0	0.0
	-12.00000	34.00000	0.00000	-8.1697	-0.50000	0.0	0.0	0.0
	-11.00000	34.00000	0.00000	-8.7481	-0.50000	0.0	0.0	0.0
	-10.00000	34.00000	0.00000	-9.3715	-0.50000	0.0	0.0	0.0
	-9.00000	34.00000	0.00000	-10.043	-0.50000	0.0	0.0	0.0
	-8.00000	34.00000	0.00000	-10.768	-0.50000	0.0	0.0	0.0
	-7.00000	34.00000	0.00000	-11.549	-0.50000	0.0	0.0	0.0
	-6.00000	34.00000	0.00000	-12.389	-0.50000	0.0	0.0	0.0
	-5.00000	34.00000	0.00000	-13.291	-0.50000	0.0	0.0	0.0
	-4.00000	34.00000	0.00000	-14.256	-0.50000	0.0	0.0	0.0
	-3.00000	34.00000	0.00000	-15.282	-0.50000	0.0	0.0	0.0
	-2.00000	34.00000	0.00000	-16.362	-0.50000	0.0	0.0	0.0
	-1.00000	34.00000	0.00000	-17.483	-0.50000	0.0	0.0	0.0
	0.00000	34.00000	0.00000	-18.626	-0.50000	0.0	0.0	0.0
	1.00000	34.00000	0.00000	-19.768	-0.50000	0.0	0.0	0.0
	2.00000	34.00000	0.00000	-20.885	-0.50000	0.0	0.0	0.0
	3.00000	34.00000	0.00000	-21.959	-0.50000	0.0	0.0	0.0
	4.00000	34.00000	0.00000	-22.976	-0.50000	0.0	0.0	0.0
	5.00000	34.00000	0.00000	-23.929	-0.50000	0.0	0.0	0.0
	6.00000	34.00000	0.00000	-24.818	-0.50000	0.0	0.0	0.0
	7.00000	34.00000	0.00000	-25.643	-0.50000	0.0	0.0	0.0
	8.00000	34.00000	0.00000	-26.407	-0.50000	0.0	0.0	0.0
	9.00000	34.00000	0.00000	-27.114	-0.50000	0.0	0.0	0.0
	10.00000	34.00000	0.00000	-27.770	-0.50000	0.0	0.0	0.0
	11.00000	34.00000	0.00000	-28.379	-0.50000	0.0	0.0	0.0
	12.00000	34.00000	0.00000	-28.949	-0.50000	0.0	0.0	0.0
	13.00000	34.00000	0.00000	-29.486	-0.50000	0.0	0.0	0.0
	14.00000	34.00000	0.00000	-29.999	-0.50000	0.0	0.0	0.0
	15.00000	34.00000	0.00000	-30.498	-0.50000	0.0	0.0	0.0
	16.00000	34.00000	0.00000	-30.994	-0.50000	0.0	0.0	0.0
	17.00000	34.00000	0.00000	-31.506	-0.50000	0.0	0.0	0.0
	18.00000	34.00000	0.00000	-32.052	-0.50000	0.0	0.0	0.0
	19.00000	34.00000	0.00000	-32.660	-0.50000	0.0	0.0	0.0
	20.00000	34.00000	0.00000	-33.359	-0.50000	0.0	0.0	0.0
	21.00000	34.00000	0.00000	-34.163	-0.50000	0.0	0.0	0.0
	22.00000	34.00000	0.00000	-35.033	-0.50000	0.0	0.0	0.0
	23.00000	34.00000	0.00000	-35.840	-0.50000	0.0	0.0	0.0
	24.00000	34.00000	0.00000	-36.454	-0.50000	0.0	0.0	0.0
	25.00000	34.00000	0.00000	-36.834	-0.50000	0.0	0.0	0.0
	26.00000	34.00000	0.00000	-36.992	-0.50000	0.0	0.0	0.0
	27.00000	34.00000	0.00000	-36.951	-0.50000	0.0	0.0	0.0
	28.00000	34.00000	0.00000	-36.733	-0.50000	0.0	0.0	0.0
	29.00000	34.00000	0.00000	-36.349	-0.50000	0.0	0.0	0.0
	30.00000	34.00000	0.00000	-35.807	-0.50000	0.0	0.0	0.0
	31.00000	34.00000	0.00000	-35.106	-0.50000	0.0	0.0	0.0
	32.00000	34.00000	0.00000	-34.241	-0.50000	0.0	0.0	0.0
	33.00000	34.00000	0.00000	-33.200	-0.50000	0.0	0.0	0.0
	34.00000	34.00000	0.00000	-31.969	-0.50000	0.0	0.0	0.0
	35.00000	34.00000	0.00000	-30.528	-0.50000	0.0	0.0	0.0
	36.00000	34.00000	0.00000	-28.857	-0.50000	0.0	0.0	0.0
	37.00000	34.00000	0.00000	-26.957	-0.50000	0.0	0.0	0.0
	38.00000	34.00000	0.00000	-24.887	-0.50000	0.0	0.0	0.0
	39.00000	34.00000	0.00000	-22.799	-0.50000	0.0	0.0	0.0
	40.00000	34.00000	0.00000	-20.845	-0.50000	0.0	0.0	0.0
	41.00000	34.00000	0.00000	-19.084	-0.50000	0.0	0.0	0.0
	42.00000	34.00000	0.00000	-17.515	-0.50000	0.0	0.0	0.0
	43.00000	34.00000	0.00000	-16.114	-0.50000	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	48.00000	34.00000	0.00000	-10.943	-0.50000	0.0	0.0	0.0
	49.00000	34.00000	0.00000	-10.172	-0.50000	0.0	0.0	0.0
	50.00000	34.00000	0.00000	-9.4655	-0.50000	0.0	0.0	0.0
	51.00000	34.00000	0.00000	-8.8162	-0.50000	0.0	0.0	0.0
	52.00000	34.00000	0.00000	-8.2184	-0.50000	0.0	0.0	0.0
	53.00000	34.00000	0.00000	-7.6668	-0.50000	0.0	0.0	0.0
	54.00000	34.00000	0.00000	-7.1569	-0.50000	0.0	0.0	0.0
	55.00000	34.00000	0.00000	-6.6850	-0.50000	0.0	0.0	0.0
	56.00000	34.00000	0.00000	-6.2475	-0.50000	0.0	0.0	0.0
	57.00000	34.00000	0.00000	-5.8415	-0.50000	0.0	0.0	0.0
	58.00000	34.00000	0.00000	-5.4643	-0.50000	0.0	0.0	0.0
	59.00000	34.00000	0.00000	-5.1134	-0.50000	0.0	0.0	0.0
	60.00000	34.00000	0.00000	-4.7868	-0.50000	0.0	0.0	0.0
	-20.00000	35.00000	0.00000	-4.6367	-0.50000	0.0	0.0	0.0
	-19.00000	35.00000	0.00000	-4.9456	-0.50000	0.0	0.0	0.0
	-18.00000	35.00000	0.00000	-5.2761	-0.50000	0.0	0.0	0.0
	-17.00000	35.00000	0.00000	-5.6299	-0.50000	0.0	0.0	0.0
	-16.00000	35.00000	0.00000	-6.0088	-0.50000	0.0	0.0	0.0
	-15.00000	35.00000	0.00000	-6.4147	-0.50000	0.0	0.0	0.0
	-14.00000	35.00000	0.00000	-6.8498	-0.50000	0.0	0.0	0.0
	-13.00000	35.00000	0.00000	-7.3162	-0.50000	0.0	0.0	0.0
	-12.00000	35.00000	0.00000	-7.8163	-0.50000	0.0	0.0	0.0
	-11.00000	35.00000	0.00000	-8.3527	-0.50000	0.0	0.0	0.0
	-10.00000	35.00000	0.00000	-8.9278	-0.50000	0.0	0.0	0.0
	-9.00000	35.00000	0.00000	-9.5442	-0.50000	0.0	0.0	0.0
	-8.00000	35.00000	0.00000	-10.204	-0.50000	0.0	0.0	0.0
	-7.00000	35.00000	0.00000	-10.911	-0.50000	0.0	0.0	0.0
	-6.00000	35.00000	0.00000	-11.664	-0.50000	0.0	0.0	0.0
	-5.00000	35.00000	0.00000	-12.466	-0.50000	0.0	0.0	0.0
	-4.00000	35.00000	0.00000	-13.315	-0.50000	0.0	0.0	0.0
	-3.00000	35.00000	0.00000	-14.208	-0.50000	0.0	0.0	0.0
	-2.00000	35.00000	0.00000	-15.139	-0.50000	0.0	0.0	0.0
	-1.00000	35.00000	0.00000	-16.096	-0.50000	0.0	0.0	0.0
	0.00000	35.00000	0.00000	-17.068	-0.50000	0.0	0.0	0.0
	1.00000	35.00000	0.00000	-18.039	-0.50000	0.0	0.0	0.0
	2.00000	35.00000	0.00000	-18.992	-0.50000	0.0	0.0	0.0
	3.00000	35.00000	0.00000	-19.916	-0.50000	0.0	0.0	0.0
	4.00000	35.00000	0.00000	-20.799	-0.50000	0.0	0.0	0.0
	5.00000	35.00000	0.00000	-21.636	-0.50000	0.0	0.0	0.0
	6.00000	35.00000	0.00000	-22.423	-0.50000	0.0	0.0	0.0
	7.00000	35.00000	0.00000	-23.160	-0.50000	0.0	0.0	0.0
	8.00000	35.00000	0.00000	-23.847	-0.50000	0.0	0.0	0.0
	9.00000	35.00000	0.00000	-24.489	-0.50000	0.0	0.0	0.0
	10.00000	35.00000	0.00000	-25.086	-0.50000	0.0	0.0	0.0
	11.00000	35.00000	0.00000	-25.644	-0.50000	0.0	0.0	0.0
	12.00000	35.00000	0.00000	-26.168	-0.50000	0.0	0.0	0.0
	13.00000	35.00000	0.00000	-26.662	-0.50000	0.0	0.0	0.0
	14.00000	35.00000	0.00000	-27.132	-0.50000	0.0	0.0	0.0
	15.00000	35.00000	0.00000	-27.587	-0.50000	0.0	0.0	0.0
	16.00000	35.00000	0.00000	-28.035	-0.50000	0.0	0.0	0.0
	17.00000	35.00000	0.00000	-28.487	-0.50000	0.0	0.0	0.0
	18.00000	35.00000	0.00000	-28.954	-0.50000	0.0	0.0	0.0
	19.00000	35.00000	0.00000	-29.447	-0.50000	0.0	0.0	0.0
	20.00000	35.00000	0.00000	-29.975	-0.50000	0.0	0.0	0.0
	21.00000	35.00000	0.00000	-30.531	-0.50000	0.0	0.0	0.0
	22.00000	35.00000	0.00000	-31.084	-0.50000	0.0	0.0	0.0
	23.00000	35.00000	0.00000	-31.580	-0.50000	0.0	0.0	0.0
	24.00000	35.00000	0.00000	-31.961	-0.50000	0.0	0.0	0.0
	25.00000	35.00000	0.00000	-32.195	-0.50000	0.0	0.0	0.0
	26.00000	35.00000	0.00000	-32.275	-0.50000	0.0	0.0	0.0
	27.00000	35.00000	0.00000	-32.203	-0.50000	0.0	0.0	0.0
	28.00000	35.00000	0.00000	-31.987	-0.50000	0.0	0.0	0.0
	29.00000	35.00000	0.00000	-31.633	-0.50000	0.0	0.0	0.0
	30.00000	35.00000	0.00000	-31.144	-0.50000	0.0	0.0	0.0
	31.00000	35.00000	0.00000	-30.521	-0.50000	0.0	0.0	0.0
	32.00000	35.00000	0.00000	-29.760	-0.50000	0.0	0.0	0.0
	33.00000	35.00000	0.00000	-28.858	-0.50000	0.0	0.0	0.0
	34.00000	35.00000	0.00000	-27.807	-0.50000	0.0	0.0	0.0
	35.00000	35.00000	0.00000	-26.604	-0.50000	0.0	0.0	0.0
	36.00000	35.00000	0.00000	-25.251	-0.50000	0.0	0.0	0.0
	37.00000	35.00000	0.00000	-23.764	-0.50000	0.0	0.0	0.0
	38.00000	35.00000	0.00000	-22.189	-0.50000	0.0	0.0	0.0
	39.00000	35.00000	0.00000	-20.597	-0.50000	0.0	0.0	0.0
	40.00000	35.00000	0.00000	-19.059	-0.50000	0.0	0.0	0.0
	41.00000	35.00000	0.00000	-17.620	-0.50000	0.0	0.0	0.0
	42.00000	35.00000	0.00000	-16.295	-0.50000	0.0	0.0	0.0
	43.00000	35.00000	0.00000	-15.084	-0.50000	0.0	0.0	0.0
	44.00000	35.00000	0.00000	-13.980	-0.50000	0.0	0.0	0.0
	45.00000	35.00000	0.00000	-12.971	-0.50000	0.0	0.0	0.0
	46.00000	35.00000	0.00000	-12.050	-0.50000	0.0	0.0	0.0
	47.00000	35.00000	0.00000	-11.206	-0.50000	0.0	0.0	0.0
	48.00000	35.00000	0.00000	-10.431	-0.50000	0.0	0.0	0.0
	49.00000	35.00000	0.00000	-9.7187	-0.50000	0.0	0.0	0.0
	50.00000	35.00000	0.00000	-9.0622	-0.50000	0.0	0.0	0.0
	51.00000	35.00000	0.00000	-8.4562	-0.50000	0.0	0.0	0.0
	52.00000	35.00000	0.00000	-7.8959	-0.50000	0.0	0.0	0.0
	53.00000	35.00000	0.00000	-7.3771	-0.50000	0.0	0.0	0.0
	54.00000	35.00000	0.00000	-6.8961	-0.50000	0.0	0.0	0.0
	55.00000	35.00000	0.00000	-6.4496	-0.50000	0.0	0.0	0.0
	56.00000	35.00000	0.00000	-6.0347	-0.50000	0.0	0.0	0.0
	57.00000	35.00000	0.00000	-5.6487	-0.50000	0.0	0.0	0.0
	58.00000	35.00000	0.00000	-5.2894	-0.50000	0.0	0.0	0.0
	59.00000	35.00000	0.00000	-4.9545	-0.50000	0.0	0.0	0.0
	60.00000	35.00000	0.00000	-4.6422	-0.50000	0.0	0.0	0.0
	-20.00000	36.00000	0.00000	-4.4806	-0.50000	0.0	0.0	0.0
	-19.00000	36.00000	0.00000	-4.7739	-0.50000	0.0	0.0	0.0
	-18.00000	36.00000	0.00000	-5.0871	-0.50000	0.0	0.0	0.0
	-17.00000	36.00000	0.00000	-5.4216	-0.50000	0.0	0.0	0.0
	-16.00000	36.00000	0.00000	-5.7788	-0.50000	0.0	0.0	0.0
	-15.00000	36.00000	0.00000	-6.1604	-0.50000	0.0	0.0	0.0
	-14.00000	36.00000	0.00000	-6.5680	-0.50000	0.0	0.0	0.0
	-13.00000	36.00000	0.00000	-7.0035	-0.50000	0.0	0.0	0.0
	-12.00000	36.00000	0.00000	-7.4686	-0.50000	0.0	0.0	0.0
	-11.00000	36.00000	0.00000	-7.9652	-0.50000	0.0	0.0	0.0
	-10.00000	36.00000	0.00000	-8.4951	-0.50000	0.0	0.0	0.0
	-9.00000	36.00000	0.00000	-9.0600	-0.50000	0.0	0.0	0.0
	-8.00000	36.00000	0.00000	-9.6614	-0.50000	0.0	0.0	0.0
	-7.00000	36.00000	0.00000	-10.300	-0.50000	0.0	0.0	0.0
	-6.00000	36.00000	0.00000	-10.978	-0.50000	0.0	0.0	0.0
	-5.00000	36.00000	0.00000	-11.692	-0.50000	0.0	0.0	0.0
	-4.00000	36.00000	0.00000	-12.443	-0.50000	0.0	0.0	0.0
	-3.00000	36.00000	0.00000	-13.226	-0.50000	0.0	0.0	0.0
	-2.00000	36.00000	0.00000	-14.036	-0.50000	0.0	0.0	0.0
	-1.00000	36.00000	0.00000	-14.865	-0.50000	0.0	0.0	0.0
	0.00000	36.00000	0.00000	-15.703	-0.50000	0.0	0.0	0.0
	1.00000	36.00000	0.00000	-16.539	-0.50000	0.0	0.0	0.0
	2.00000	36.00000	0.00000	-17.363	-0.50000	0.0	0.0	0.0
	3.00000	36.00000	0.00000	-18.166	-0.50000	0.0	0.0	0.0
	4.00000	36.00000	0.00000	-18.938	-0.50000	0.0	0.0	0.0
	5.00000	36.00000	0.00000	-19.676	-0.50000	0.0	0.0	0.0
	6.00000	36.00000	0.00000	-20.375	-0.50000	0.0	0.0	0.0
	7.00000	36.00000	0.00000	-21.034	-0.50000	0.0	0.0	0.0
	8.00000	36.00000	0.00000	-21.653	-0.50000	0.0	0.0	0.0
	9.00000	36.00000	0.00000	-22.233	-0.50000	0.0	0.0	0.0
	10.00000	36.00000	0.00000	-22.777	-0.50000	0.0	0.0	0.0
	11.00000	36.00000	0.00000	-23.286	-0.50000	0.0	0.0	0.0
	12.00000	36.00000	0.00000	-23.764	-0.50000	0.0	0.0	0.0
	13.00000	36.00000	0.00000	-24.216	-0.50000	0.0	0.0	0.0
	14.00000	36.00000	0.00000	-24.645	-0.50000	0.0	0.0	0.0
	15.00000	36.00000	0.00000	-25.057	-0.50000	0.0	0.0	0.0
	16.00000	36.00000	0.00000	-25.458	-0.50000	0.0	0.0	0.0
	17.00000	36.00000	0.00000	-25.853	-0.50000	0.0	0.0	0.0
	18.00000	36.00000	0.00000	-26.249	-0.50000	0.0	0.0	0.0
	19.00000	36.00000	0.00000	-26.649	-0.50000	0.0	0.0	0.0
	20.00000	36.00000	0.00000	-27.053	-0.50000	0.0	0.0	0.0
	21.00000	36.00000	0.00000	-27.453	-0.50000	0.0	0.0	0.0
	22.00000	36.00000	0.00000	-27.828	-0.50000	0.0	0.0	0.0
	23.00000	36.00000	0.00000	-28.150	-0.50000	0.0	0.0	0.0
	24.00000	36.00000	0.00000	-28.390	-0.50000	0.0	0.0	0.0
	25.00000	36.00000	0.00000	-28.525	-0.50000	0.0	0.0	0.0
	26.00000	36.00000	0.00000	-28.546	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	27.00000	36.00000	0.00000	-28.450	-0.50000	0.0	0.0	0.0
	28.00000	36.00000	0.00000	-28.237	-0.50000	0.0	0.0	0.0
	29.00000	36.00000	0.00000	-27.910	-0.50000	0.0	0.0	0.0
	30.00000	36.00000	0.00000	-27.469	-0.50000	0.0	0.0	0.0
	31.00000	36.00000	0.00000	-26.915	-0.50000	0.0	0.0	0.0
	32.00000	36.00000	0.00000	-26.248	-0.50000	0.0	0.0	0.0
	33.00000	36.00000	0.00000	-25.466	-0.50000	0.0	0.0	0.0
	34.00000	36.00000	0.00000	-24.569	-0.50000	0.0	0.0	0.0
	35.00000	36.00000	0.00000	-23.560	-0.50000	0.0	0.0	0.0
	36.00000	36.00000	0.00000	-22.446	-0.50000	0.0	0.0	0.0
	37.00000	36.00000	0.00000	-21.246	-0.50000	0.0	0.0	0.0
	38.00000	36.00000	0.00000	-19.990	-0.50000	0.0	0.0	0.0
	39.00000	36.00000	0.00000	-18.718	-0.50000	0.0	0.0	0.0
	40.00000	36.00000	0.00000	-17.470	-0.50000	0.0	0.0	0.0
	41.00000	36.00000	0.00000	-16.275	-0.50000	0.0	0.0	0.0
	42.00000	36.00000	0.00000	-15.150	-0.50000	0.0	0.0	0.0
	43.00000	36.00000	0.00000	-14.102	-0.50000	0.0	0.0	0.0
	44.00000	36.00000	0.00000	-13.131	-0.50000	0.0	0.0	0.0
	45.00000	36.00000	0.00000	-12.232	-0.50000	0.0	0.0	0.0
	46.00000	36.00000	0.00000	-11.402	-0.50000	0.0	0.0	0.0
	47.00000	36.00000	0.00000	-10.635	-0.50000	0.0	0.0	0.0
	48.00000	36.00000	0.00000	-9.9259	-0.50000	0.0	0.0	0.0
	49.00000	36.00000	0.00000	-9.2695	-0.50000	0.0	0.0	0.0
	50.00000	36.00000	0.00000	-8.6614	-0.50000	0.0	0.0	0.0
	51.00000	36.00000	0.00000	-8.0974	-0.50000	0.0	0.0	0.0
	52.00000	36.00000	0.00000	-7.5738	-0.50000	0.0	0.0	0.0
	53.00000	36.00000	0.00000	-7.0872	-0.50000	0.0	0.0	0.0
	54.00000	36.00000	0.00000	-6.6346	-0.50000	0.0	0.0	0.0
	55.00000	36.00000	0.00000	-6.2132	-0.50000	0.0	0.0	0.0
	56.00000	36.00000	0.00000	-5.8206	-0.50000	0.0	0.0	0.0
	57.00000	36.00000	0.00000	-5.4545	-0.50000	0.0	0.0	0.0
	58.00000	36.00000	0.00000	-5.1129	-0.50000	0.0	0.0	0.0
	59.00000	36.00000	0.00000	-4.7939	-0.50000	0.0	0.0	0.0
	60.00000	36.00000	0.00000	-4.4959	-0.50000	0.0	0.0	0.0
	-20.00000	37.00000	0.00000	-4.3244	-0.50000	0.0	0.0	0.0
	-19.00000	37.00000	0.00000	-4.6026	-0.50000	0.0	0.0	0.0
	-18.00000	37.00000	0.00000	-4.8989	-0.50000	0.0	0.0	0.0
	-17.00000	37.00000	0.00000	-5.2145	-0.50000	0.0	0.0	0.0
	-16.00000	37.00000	0.00000	-5.5507	-0.50000	0.0	0.0	0.0
	-15.00000	37.00000	0.00000	-5.9089	-0.50000	0.0	0.0	0.0
	-14.00000	37.00000	0.00000	-6.2903	-0.50000	0.0	0.0	0.0
	-13.00000	37.00000	0.00000	-6.6962	-0.50000	0.0	0.0	0.0
	-12.00000	37.00000	0.00000	-7.1282	-0.50000	0.0	0.0	0.0
	-11.00000	37.00000	0.00000	-7.5875	-0.50000	0.0	0.0	0.0
	-10.00000	37.00000	0.00000	-8.0754	-0.50000	0.0	0.0	0.0
	-9.00000	37.00000	0.00000	-8.5929	-0.50000	0.0	0.0	0.0
	-8.00000	37.00000	0.00000	-9.1409	-0.50000	0.0	0.0	0.0
	-7.00000	37.00000	0.00000	-9.7198	-0.50000	0.0	0.0	0.0
	-6.00000	37.00000	0.00000	-10.329	-0.50000	0.0	0.0	0.0
	-5.00000	37.00000	0.00000	-10.968	-0.50000	0.0	0.0	0.0
	-4.00000	37.00000	0.00000	-11.635	-0.50000	0.0	0.0	0.0
	-3.00000	37.00000	0.00000	-12.326	-0.50000	0.0	0.0	0.0
	-2.00000	37.00000	0.00000	-13.037	-0.50000	0.0	0.0	0.0
	-1.00000	37.00000	0.00000	-13.761	-0.50000	0.0	0.0	0.0
	0.00000	37.00000	0.00000	-14.492	-0.50000	0.0	0.0	0.0
	1.00000	37.00000	0.00000	-15.221	-0.50000	0.0	0.0	0.0
	2.00000	37.00000	0.00000	-15.940	-0.50000	0.0	0.0	0.0
	3.00000	37.00000	0.00000	-16.643	-0.50000	0.0	0.0	0.0
	4.00000	37.00000	0.00000	-17.323	-0.50000	0.0	0.0	0.0
	5.00000	37.00000	0.00000	-17.975	-0.50000	0.0	0.0	0.0
	6.00000	37.00000	0.00000	-18.598	-0.50000	0.0	0.0	0.0
	7.00000	37.00000	0.00000	-19.188	-0.50000	0.0	0.0	0.0
	8.00000	37.00000	0.00000	-19.745	-0.50000	0.0	0.0	0.0
	9.00000	37.00000	0.00000	-20.270	-0.50000	0.0	0.0	0.0
	10.00000	37.00000	0.00000	-20.763	-0.50000	0.0	0.0	0.0
	11.00000	37.00000	0.00000	-21.227	-0.50000	0.0	0.0	0.0
	12.00000	37.00000	0.00000	-21.663	-0.50000	0.0	0.0	0.0
	13.00000	37.00000	0.00000	-22.074	-0.50000	0.0	0.0	0.0
	14.00000	37.00000	0.00000	-22.463	-0.50000	0.0	0.0	0.0
	15.00000	37.00000	0.00000	-22.834	-0.50000	0.0	0.0	0.0
	16.00000	37.00000	0.00000	-23.190	-0.50000	0.0	0.0	0.0
	17.00000	37.00000	0.00000	-23.535	-0.50000	0.0	0.0	0.0
	18.00000	37.00000	0.00000	-23.870	-0.50000	0.0	0.0	0.0
	19.00000	37.00000	0.00000	-24.197	-0.50000	0.0	0.0	0.0
	20.00000	37.00000	0.00000	-24.512	-0.50000	0.0	0.0	0.0
	21.00000	37.00000	0.00000	-24.808	-0.50000	0.0	0.0	0.0
	22.00000	37.00000	0.00000	-25.072	-0.50000	0.0	0.0	0.0
	23.00000	37.00000	0.00000	-25.288	-0.50000	0.0	0.0	0.0
	24.00000	37.00000	0.00000	-25.437	-0.50000	0.0	0.0	0.0
	25.00000	37.00000	0.00000	-25.507	-0.50000	0.0	0.0	0.0
	26.00000	37.00000	0.00000	-25.487	-0.50000	0.0	0.0	0.0
	27.00000	37.00000	0.00000	-25.375	-0.50000	0.0	0.0	0.0
	28.00000	37.00000	0.00000	-25.167	-0.50000	0.0	0.0	0.0
	29.00000	37.00000	0.00000	-24.864	-0.50000	0.0	0.0	0.0
	30.00000	37.00000	0.00000	-24.467	-0.50000	0.0	0.0	0.0
	31.00000	37.00000	0.00000	-23.975	-0.50000	0.0	0.0	0.0
	32.00000	37.00000	0.00000	-23.389	-0.50000	0.0	0.0	0.0
	33.00000	37.00000	0.00000	-22.711	-0.50000	0.0	0.0	0.0
	34.00000	37.00000	0.00000	-21.942	-0.50000	0.0	0.0	0.0
	35.00000	37.00000	0.00000	-21.088	-0.50000	0.0	0.0	0.0
	36.00000	37.00000	0.00000	-20.158	-0.50000	0.0	0.0	0.0
	37.00000	37.00000	0.00000	-19.167	-0.50000	0.0	0.0	0.0
	38.00000	37.00000	0.00000	-18.136	-0.50000	0.0	0.0	0.0
	39.00000	37.00000	0.00000	-17.090	-0.50000	0.0	0.0	0.0
	40.00000	37.00000	0.00000	-16.054	-0.50000	0.0	0.0	0.0
	41.00000	37.00000	0.00000	-15.048	-0.50000	0.0	0.0	0.0
	42.00000	37.00000	0.00000	-14.085	-0.50000	0.0	0.0	0.0
	43.00000	37.00000	0.00000	-13.175	-0.50000	0.0	0.0	0.0
	44.00000	37.00000	0.00000	-12.320	-0.50000	0.0	0.0	0.0
	45.00000	37.00000	0.00000	-11.521	-0.50000	0.0	0.0	0.0
	46.00000	37.00000	0.00000	-10.774	-0.50000	0.0	0.0	0.0
	47.00000	37.00000	0.00000	-10.079	-0.50000	0.0	0.0	0.0
	48.00000	37.00000	0.00000	-9.4310	-0.50000	0.0	0.0	0.0
	49.00000	37.00000	0.00000	-8.8277	-0.50000	0.0	0.0	0.0
	50.00000	37.00000	0.00000	-8.2658	-0.50000	0.0	0.0	0.0
	51.00000	37.00000	0.00000	-7.7422	-0.50000	0.0	0.0	0.0
	52.00000	37.00000	0.00000	-7.2541	-0.50000	0.0	0.0	0.0
	53.00000	37.00000	0.00000	-6.7988	-0.50000	0.0	0.0	0.0
	54.00000	37.00000	0.00000	-6.3738	-0.50000	0.0	0.0	0.0
	55.00000	37.00000	0.00000	-5.9770	-0.50000	0.0	0.0	0.0
	56.00000	37.00000	0.00000	-5.6063	-0.50000	0.0	0.0	0.0
	57.00000	37.00000	0.00000	-5.2598	-0.50000	0.0	0.0	0.0
	58.00000	37.00000	0.00000	-4.9357	-0.50000	0.0	0.0	0.0
	59.00000	37.00000	0.00000	-4.6324	-0.50000	0.0	0.0	0.0
	60.00000	37.00000	0.00000	-4.3485	-0.50000	0.0	0.0	0.0
	-20.00000	38.00000	0.00000	-4.1689	-0.50000	0.0	0.0	0.0
	-19.00000	38.00000	0.00000	-4.4322	-0.50000	0.0	0.0	0.0
	-18.00000	38.00000	0.00000	-4.7121	-0.50000	0.0	0.0	0.0
	-17.00000	38.00000	0.00000	-5.0096	-0.50000	0.0	0.0	0.0
	-16.00000	38.00000	0.00000	-5.3256	-0.50000	0.0	0.0	0.0
	-15.00000	38.00000	0.00000	-5.6613	-0.50000	0.0	0.0	0.0
	-14.00000	38.00000	0.00000	-6.0176	-0.50000	0.0	0.0	0.0
	-13.00000	38.00000	0.00000	-6.3957	-0.50000	0.0	0.0	0.0
	-12.00000	38.00000	0.00000	-6.7966	-0.50000	0.0	0.0	0.0
	-11.00000	38.00000	0.00000	-7.2211	-0.50000	0.0	0.0	0.0
	-10.00000	38.00000	0.00000	-7.6701	-0.50000	0.0	0.0	0.0
	-9.00000	38.00000	0.00000	-8.1442	-0.50000	0.0	0.0	0.0
	-8.00000	38.00000	0.00000	-8.6438	-0.50000	0.0	0.0	0.0
	-7.00000	38.00000	0.00000	-9.1687	-0.50000	0.0	0.0	0.0
	-6.00000	38.00000	0.00000	-9.7185	-0.50000	0.0	0.0	0.0
	-5.00000	38.00000	0.00000	-10.292	-0.50000	0.0	0.0	0.0
	-4.00000	38.00000	0.00000	-10.887	-0.50000	0.0	0.0	0.0
	-3.00000	38.00000	0.00000	-11.500	-0.50000	0.0	0.0	0.0
	-2.00000	38.00000	0.00000	-12.128	-0.50000	0.0	0.0	0.0
	-1.00000	38.00000	0.00000	-12.766	-0.50000	0.0	0.0	0.0
	0.00000	38.00000	0.00000	-13.408	-0.50000	0.0	0.0	0.0
	1.00000	38.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	6.00000	38.00000	0.00000	-17.039	-0.50000	0.0	0.0	0.0
	7.00000	38.00000	0.00000	-17.568	-0.50000	0.0	0.0	0.0
	8.00000	38.00000	0.00000	-18.070	-0.50000	0.0	0.0	0.0
	9.00000	38.00000	0.00000	-18.544	-0.50000	0.0	0.0	0.0
	10.00000	38.00000	0.00000	-18.991	-0.50000	0.0	0.0	0.0
	11.00000	38.00000	0.00000	-19.412	-0.50000	0.0	0.0	0.0
	12.00000	38.00000	0.00000	-19.808	-0.50000	0.0	0.0	0.0
	13.00000	38.00000	0.00000	-20.181	-0.50000	0.0	0.0	0.0
	14.00000	38.00000	0.00000	-20.533	-0.50000	0.0	0.0	0.0
	15.00000	38.00000	0.00000	-20.866	-0.50000	0.0	0.0	0.0
	16.00000	38.00000	0.00000	-21.181	-0.50000	0.0	0.0	0.0
	17.00000	38.00000	0.00000	-21.481	-0.50000	0.0	0.0	0.0
	18.00000	38.00000	0.00000	-21.766	-0.50000	0.0	0.0	0.0
	19.00000	38.00000	0.00000	-22.035	-0.50000	0.0	0.0	0.0
	20.00000	38.00000	0.00000	-22.285	-0.50000	0.0	0.0	0.0
	21.00000	38.00000	0.00000	-22.509	-0.50000	0.0	0.0	0.0
	22.00000	38.00000	0.00000	-22.700	-0.50000	0.0	0.0	0.0
	23.00000	38.00000	0.00000	-22.846	-0.50000	0.0	0.0	0.0
	24.00000	38.00000	0.00000	-22.936	-0.50000	0.0	0.0	0.0
	25.00000	38.00000	0.00000	-22.962	-0.50000	0.0	0.0	0.0
	26.00000	38.00000	0.00000	-22.916	-0.50000	0.0	0.0	0.0
	27.00000	38.00000	0.00000	-22.794	-0.50000	0.0	0.0	0.0
	28.00000	38.00000	0.00000	-22.594	-0.50000	0.0	0.0	0.0
	29.00000	38.00000	0.00000	-22.314	-0.50000	0.0	0.0	0.0
	30.00000	38.00000	0.00000	-21.955	-0.50000	0.0	0.0	0.0
	31.00000	38.00000	0.00000	-21.518	-0.50000	0.0	0.0	0.0
	32.00000	38.00000	0.00000	-21.003	-0.50000	0.0	0.0	0.0
	33.00000	38.00000	0.00000	-20.413	-0.50000	0.0	0.0	0.0
	34.00000	38.00000	0.00000	-19.751	-0.50000	0.0	0.0	0.0
	35.00000	38.00000	0.00000	-19.022	-0.50000	0.0	0.0	0.0
	36.00000	38.00000	0.00000	-18.236	-0.50000	0.0	0.0	0.0
	37.00000	38.00000	0.00000	-17.404	-0.50000	0.0	0.0	0.0
	38.00000	38.00000	0.00000	-16.540	-0.50000	0.0	0.0	0.0
	39.00000	38.00000	0.00000	-15.663	-0.50000	0.0	0.0	0.0
	40.00000	38.00000	0.00000	-14.788	-0.50000	0.0	0.0	0.0
	41.00000	38.00000	0.00000	-13.930	-0.50000	0.0	0.0	0.0
	42.00000	38.00000	0.00000	-13.101	-0.50000	0.0	0.0	0.0
	43.00000	38.00000	0.00000	-12.307	-0.50000	0.0	0.0	0.0
	44.00000	38.00000	0.00000	-11.553	-0.50000	0.0	0.0	0.0
	45.00000	38.00000	0.00000	-10.840	-0.50000	0.0	0.0	0.0
	46.00000	38.00000	0.00000	-10.170	-0.50000	0.0	0.0	0.0
	47.00000	38.00000	0.00000	-9.5398	-0.50000	0.0	0.0	0.0
	48.00000	38.00000	0.00000	-8.9492	-0.50000	0.0	0.0	0.0
	49.00000	38.00000	0.00000	-8.3958	-0.50000	0.0	0.0	0.0
	50.00000	38.00000	0.00000	-7.8777	-0.50000	0.0	0.0	0.0
	51.00000	38.00000	0.00000	-7.3925	-0.50000	0.0	0.0	0.0
	52.00000	38.00000	0.00000	-6.9384	-0.50000	0.0	0.0	0.0
	53.00000	38.00000	0.00000	-6.5132	-0.50000	0.0	0.0	0.0
	54.00000	38.00000	0.00000	-6.1151	-0.50000	0.0	0.0	0.0
	55.00000	38.00000	0.00000	-5.7422	-0.50000	0.0	0.0	0.0
	56.00000	38.00000	0.00000	-5.3928	-0.50000	0.0	0.0	0.0
	57.00000	38.00000	0.00000	-5.0654	-0.50000	0.0	0.0	0.0
	58.00000	38.00000	0.00000	-4.7585	-0.50000	0.0	0.0	0.0
	59.00000	38.00000	0.00000	-4.4707	-0.50000	0.0	0.0	0.0
	60.00000	38.00000	0.00000	-4.2008	-0.50000	0.0	0.0	0.0
	-20.00000	39.00000	0.00000	-4.0145	-0.50000	0.0	0.0	0.0
	-19.00000	39.00000	0.00000	-4.2635	-0.50000	0.0	0.0	0.0
	-18.00000	39.00000	0.00000	-4.5276	-0.50000	0.0	0.0	0.0
	-17.00000	39.00000	0.00000	-4.8076	-0.50000	0.0	0.0	0.0
	-16.00000	39.00000	0.00000	-5.1043	-0.50000	0.0	0.0	0.0
	-15.00000	39.00000	0.00000	-5.4185	-0.50000	0.0	0.0	0.0
	-14.00000	39.00000	0.00000	-5.7511	-0.50000	0.0	0.0	0.0
	-13.00000	39.00000	0.00000	-6.1029	-0.50000	0.0	0.0	0.0
	-12.00000	39.00000	0.00000	-6.4746	-0.50000	0.0	0.0	0.0
	-11.00000	39.00000	0.00000	-6.8668	-0.50000	0.0	0.0	0.0
	-10.00000	39.00000	0.00000	-7.2801	-0.50000	0.0	0.0	0.0
	-9.00000	39.00000	0.00000	-7.7145	-0.50000	0.0	0.0	0.0
	-8.00000	39.00000	0.00000	-8.1703	-0.50000	0.0	0.0	0.0
	-7.00000	39.00000	0.00000	-8.6471	-0.50000	0.0	0.0	0.0
	-6.00000	39.00000	0.00000	-9.1440	-0.50000	0.0	0.0	0.0
	-5.00000	39.00000	0.00000	-9.6599	-0.50000	0.0	0.0	0.0
	-4.00000	39.00000	0.00000	-10.193	-0.50000	0.0	0.0	0.0
	-3.00000	39.00000	0.00000	-10.740	-0.50000	0.0	0.0	0.0
	-2.00000	39.00000	0.00000	-11.298	-0.50000	0.0	0.0	0.0
	-1.00000	39.00000	0.00000	-11.863	-0.50000	0.0	0.0	0.0
	0.00000	39.00000	0.00000	-12.432	-0.50000	0.0	0.0	0.0
	1.00000	39.00000	0.00000	-12.998	-0.50000	0.0	0.0	0.0
	2.00000	39.00000	0.00000	-13.558	-0.50000	0.0	0.0	0.0
	3.00000	39.00000	0.00000	-14.108	-0.50000	0.0	0.0	0.0
	4.00000	39.00000	0.00000	-14.643	-0.50000	0.0	0.0	0.0
	5.00000	39.00000	0.00000	-15.161	-0.50000	0.0	0.0	0.0
	6.00000	39.00000	0.00000	-15.658	-0.50000	0.0	0.0	0.0
	7.00000	39.00000	0.00000	-16.133	-0.50000	0.0	0.0	0.0
	8.00000	39.00000	0.00000	-16.585	-0.50000	0.0	0.0	0.0
	9.00000	39.00000	0.00000	-17.014	-0.50000	0.0	0.0	0.0
	10.00000	39.00000	0.00000	-17.419	-0.50000	0.0	0.0	0.0
	11.00000	39.00000	0.00000	-17.800	-0.50000	0.0	0.0	0.0
	12.00000	39.00000	0.00000	-18.160	-0.50000	0.0	0.0	0.0
	13.00000	39.00000	0.00000	-18.497	-0.50000	0.0	0.0	0.0
	14.00000	39.00000	0.00000	-18.814	-0.50000	0.0	0.0	0.0
	15.00000	39.00000	0.00000	-19.112	-0.50000	0.0	0.0	0.0
	16.00000	39.00000	0.00000	-19.391	-0.50000	0.0	0.0	0.0
	17.00000	39.00000	0.00000	-19.653	-0.50000	0.0	0.0	0.0
	18.00000	39.00000	0.00000	-19.896	-0.50000	0.0	0.0	0.0
	19.00000	39.00000	0.00000	-20.119	-0.50000	0.0	0.0	0.0
	20.00000	39.00000	0.00000	-20.319	-0.50000	0.0	0.0	0.0
	21.00000	39.00000	0.00000	-20.492	-0.50000	0.0	0.0	0.0
	22.00000	39.00000	0.00000	-20.632	-0.50000	0.0	0.0	0.0
	23.00000	39.00000	0.00000	-20.731	-0.50000	0.0	0.0	0.0
	24.00000	39.00000	0.00000	-20.782	-0.50000	0.0	0.0	0.0
	25.00000	39.00000	0.00000	-20.779	-0.50000	0.0	0.0	0.0
	26.00000	39.00000	0.00000	-20.716	-0.50000	0.0	0.0	0.0
	27.00000	39.00000	0.00000	-20.591	-0.50000	0.0	0.0	0.0
	28.00000	39.00000	0.00000	-20.400	-0.50000	0.0	0.0	0.0
	29.00000	39.00000	0.00000	-20.142	-0.50000	0.0	0.0	0.0
	30.00000	39.00000	0.00000	-19.819	-0.50000	0.0	0.0	0.0
	31.00000	39.00000	0.00000	-19.429	-0.50000	0.0	0.0	0.0
	32.00000	39.00000	0.00000	-18.976	-0.50000	0.0	0.0	0.0
	33.00000	39.00000	0.00000	-18.460	-0.50000	0.0	0.0	0.0
	34.00000	39.00000	0.00000	-17.887	-0.50000	0.0	0.0	0.0
	35.00000	39.00000	0.00000	-17.260	-0.50000	0.0	0.0	0.0
	36.00000	39.00000	0.00000	-16.588	-0.50000	0.0	0.0	0.0
	37.00000	39.00000	0.00000	-15.880	-0.50000	0.0	0.0	0.0
	38.00000	39.00000	0.00000	-15.146	-0.50000	0.0	0.0	0.0
	39.00000	39.00000	0.00000	-14.399	-0.50000	0.0	0.0	0.0
	40.00000	39.00000	0.00000	-13.651	-0.50000	0.0	0.0	0.0
	41.00000	39.00000	0.00000	-12.912	-0.50000	0.0	0.0	0.0
	42.00000	39.00000	0.00000	-12.192	-0.50000	0.0	0.0	0.0
	43.00000	39.00000	0.00000	-11.496	-0.50000	0.0	0.0	0.0
	44.00000	39.00000	0.00000	-10.829	-0.50000	0.0	0.0	0.0
	45.00000	39.00000	0.00000	-10.194	-0.50000	0.0	0.0	0.0
	46.00000	39.00000	0.00000	-9.5910	-0.50000	0.0	0.0	0.0
	47.00000	39.00000	0.00000	-9.0209	-0.50000	0.0	0.0	0.0
	48.00000	39.00000	0.00000	-8.4828	-0.50000	0.0	0.0	0.0
	49.00000	39.00000	0.00000	-7.9759	-0.50000	0.0	0.0	0.0
	50.00000	39.00000	0.00000	-7.4988	-0.50000	0.0	0.0	0.0
	51.00000	39.00000	0.00000	-7.0500	-0.50000	0.0	0.0	0.0
	52.00000	39.00000	0.00000	-6.6283	-0.50000	0.0	0.0	0.0
	53.00000	39.00000	0.00000	-6.2319	-0.50000	0.0	0.0	0.0
	54.00000	39.00000	0.00000	-5.8596	-0.50000	0.0	0.0	0.0
	55.00000	39.00000	0.00000	-5.5097	-0.50000	0.0	0.0	0.0
	56.00000	39.00000	0.00000	-5.1811	-0.50000	0.0	0.0	0.0
	57.00000	39.00000	0.00000	-4.8723	-0.50000	0.0	0.0	0.0
	58.00000	39.00000	0.00000	-4.5822	-0.50000	0.0	0.0	0.0
	59.00000	39.00000	0.00000	-4.3095	-0.50000	0.0	0.0	0.0
	60.00000	39.00000	0.00000	-4.0533	-0.50000	0.0	0.0	0.0
	-20.00000	40.00000	0.00000	-3.8618	-0.50000	0.0	0.0	0.0
	-19.00000	40.00000	0.00000	-4.0970	-0.50000	0.0	0.0	0.0
	-18.00000	40.00000	0.00000	-4.3459	-0.50000	0.0	0.0	0.0
	-17.00000	40.00000	0.00000	-4.6091	-0.50000	0.0	0.0	0.0
	-16.00000	40.00000	0.00000	-4.8874	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-15.00000	40.00000	0.00000	-5.1813	-0.50000	0.0	0.0	0.0
	-14.00000	40.00000	0.00000	-5.4916	-0.50000	0.0	0.0	0.0
	-13.00000	40.00000	0.00000	-5.8187	-0.50000	0.0	0.0	0.0
	-12.00000	40.00000	0.00000	-6.1632	-0.50000	0.0	0.0	0.0
	-11.00000	40.00000	0.00000	-6.5255	-0.50000	0.0	0.0	0.0
	-10.00000	40.00000	0.00000	-6.9058	-0.50000	0.0	0.0	0.0
	-9.00000	40.00000	0.00000	-7.3042	-0.50000	0.0	0.0	0.0
	-8.00000	40.00000	0.00000	-7.7204	-0.50000	0.0	0.0	0.0
	-7.00000	40.00000	0.00000	-8.1540	-0.50000	0.0	0.0	0.0
	-6.00000	40.00000	0.00000	-8.6042	-0.50000	0.0	0.0	0.0
	-5.00000	40.00000	0.00000	-9.0696	-0.50000	0.0	0.0	0.0
	-4.00000	40.00000	0.00000	-9.5484	-0.50000	0.0	0.0	0.0
	-3.00000	40.00000	0.00000	-10.039	-0.50000	0.0	0.0	0.0
	-2.00000	40.00000	0.00000	-10.537	-0.50000	0.0	0.0	0.0
	-1.00000	40.00000	0.00000	-11.041	-0.50000	0.0	0.0	0.0
	0.00000	40.00000	0.00000	-11.547	-0.50000	0.0	0.0	0.0
	1.00000	40.00000	0.00000	-12.051	-0.50000	0.0	0.0	0.0
	2.00000	40.00000	0.00000	-12.549	-0.50000	0.0	0.0	0.0
	3.00000	40.00000	0.00000	-13.039	-0.50000	0.0	0.0	0.0
	4.00000	40.00000	0.00000	-13.516	-0.50000	0.0	0.0	0.0
	5.00000	40.00000	0.00000	-13.979	-0.50000	0.0	0.0	0.0
	6.00000	40.00000	0.00000	-14.425	-0.50000	0.0	0.0	0.0
	7.00000	40.00000	0.00000	-14.853	-0.50000	0.0	0.0	0.0
	8.00000	40.00000	0.00000	-15.261	-0.50000	0.0	0.0	0.0
	9.00000	40.00000	0.00000	-15.648	-0.50000	0.0	0.0	0.0
	10.00000	40.00000	0.00000	-16.014	-0.50000	0.0	0.0	0.0
	11.00000	40.00000	0.00000	-16.360	-0.50000	0.0	0.0	0.0
	12.00000	40.00000	0.00000	-16.685	-0.50000	0.0	0.0	0.0
	13.00000	40.00000	0.00000	-16.990	-0.50000	0.0	0.0	0.0
	14.00000	40.00000	0.00000	-17.275	-0.50000	0.0	0.0	0.0
	15.00000	40.00000	0.00000	-17.542	-0.50000	0.0	0.0	0.0
	16.00000	40.00000	0.00000	-17.789	-0.50000	0.0	0.0	0.0
	17.00000	40.00000	0.00000	-18.017	-0.50000	0.0	0.0	0.0
	18.00000	40.00000	0.00000	-18.225	-0.50000	0.0	0.0	0.0
	19.00000	40.00000	0.00000	-18.412	-0.50000	0.0	0.0	0.0
	20.00000	40.00000	0.00000	-18.575	-0.50000	0.0	0.0	0.0
	21.00000	40.00000	0.00000	-18.710	-0.50000	0.0	0.0	0.0
	22.00000	40.00000	0.00000	-18.814	-0.50000	0.0	0.0	0.0
	23.00000	40.00000	0.00000	-18.880	-0.50000	0.0	0.0	0.0
	24.00000	40.00000	0.00000	-18.905	-0.50000	0.0	0.0	0.0
	25.00000	40.00000	0.00000	-18.883	-0.50000	0.0	0.0	0.0
	26.00000	40.00000	0.00000	-18.810	-0.50000	0.0	0.0	0.0
	27.00000	40.00000	0.00000	-18.685	-0.50000	0.0	0.0	0.0
	28.00000	40.00000	0.00000	-18.505	-0.50000	0.0	0.0	0.0
	29.00000	40.00000	0.00000	-18.268	-0.50000	0.0	0.0	0.0
	30.00000	40.00000	0.00000	-17.976	-0.50000	0.0	0.0	0.0
	31.00000	40.00000	0.00000	-17.629	-0.50000	0.0	0.0	0.0
	32.00000	40.00000	0.00000	-17.228	-0.50000	0.0	0.0	0.0
	33.00000	40.00000	0.00000	-16.776	-0.50000	0.0	0.0	0.0
	34.00000	40.00000	0.00000	-16.276	-0.50000	0.0	0.0	0.0
	35.00000	40.00000	0.00000	-15.733	-0.50000	0.0	0.0	0.0
	36.00000	40.00000	0.00000	-15.154	-0.50000	0.0	0.0	0.0
	37.00000	40.00000	0.00000	-14.544	-0.50000	0.0	0.0	0.0
	38.00000	40.00000	0.00000	-13.914	-0.50000	0.0	0.0	0.0
	39.00000	40.00000	0.00000	-13.271	-0.50000	0.0	0.0	0.0
	40.00000	40.00000	0.00000	-12.625	-0.50000	0.0	0.0	0.0
	41.00000	40.00000	0.00000	-11.983	-0.50000	0.0	0.0	0.0
	42.00000	40.00000	0.00000	-11.354	-0.50000	0.0	0.0	0.0
	43.00000	40.00000	0.00000	-10.741	-0.50000	0.0	0.0	0.0
	44.00000	40.00000	0.00000	-10.150	-0.50000	0.0	0.0	0.0
	45.00000	40.00000	0.00000	-9.5818	-0.50000	0.0	0.0	0.0
	46.00000	40.00000	0.00000	-9.0395	-0.50000	0.0	0.0	0.0
	47.00000	40.00000	0.00000	-8.5234	-0.50000	0.0	0.0	0.0
	48.00000	40.00000	0.00000	-8.0335	-0.50000	0.0	0.0	0.0
	49.00000	40.00000	0.00000	-7.5694	-0.50000	0.0	0.0	0.0
	50.00000	40.00000	0.00000	-7.1306	-0.50000	0.0	0.0	0.0
	51.00000	40.00000	0.00000	-6.7161	-0.50000	0.0	0.0	0.0
	52.00000	40.00000	0.00000	-6.3249	-0.50000	0.0	0.0	0.0
	53.00000	40.00000	0.00000	-5.9560	-0.50000	0.0	0.0	0.0
	54.00000	40.00000	0.00000	-5.6082	-0.50000	0.0	0.0	0.0
	55.00000	40.00000	0.00000	-5.2806	-0.50000	0.0	0.0	0.0
	56.00000	40.00000	0.00000	-4.9719	-0.50000	0.0	0.0	0.0
	57.00000	40.00000	0.00000	-4.6811	-0.50000	0.0	0.0	0.0
	58.00000	40.00000	0.00000	-4.4073	-0.50000	0.0	0.0	0.0
	59.00000	40.00000	0.00000	-4.1494	-0.50000	0.0	0.0	0.0
	60.00000	40.00000	0.00000	-3.9065	-0.50000	0.0	0.0	0.0
	-20.00000	41.00000	0.00000	-3.7114	-0.50000	0.0	0.0	0.0
	-19.00000	41.00000	0.00000	-3.9333	-0.50000	0.0	0.0	0.0
	-18.00000	41.00000	0.00000	-4.1676	-0.50000	0.0	0.0	0.0
	-17.00000	41.00000	0.00000	-4.4148	-0.50000	0.0	0.0	0.0
	-16.00000	41.00000	0.00000	-4.6755	-0.50000	0.0	0.0	0.0
	-15.00000	41.00000	0.00000	-4.9503	-0.50000	0.0	0.0	0.0
	-14.00000	41.00000	0.00000	-5.2395	-0.50000	0.0	0.0	0.0
	-13.00000	41.00000	0.00000	-5.5435	-0.50000	0.0	0.0	0.0
	-12.00000	41.00000	0.00000	-5.8627	-0.50000	0.0	0.0	0.0
	-11.00000	41.00000	0.00000	-6.1974	-0.50000	0.0	0.0	0.0
	-10.00000	41.00000	0.00000	-6.5475	-0.50000	0.0	0.0	0.0
	-9.00000	41.00000	0.00000	-6.9130	-0.50000	0.0	0.0	0.0
	-8.00000	41.00000	0.00000	-7.2935	-0.50000	0.0	0.0	0.0
	-7.00000	41.00000	0.00000	-7.6885	-0.50000	0.0	0.0	0.0
	-6.00000	41.00000	0.00000	-8.0971	-0.50000	0.0	0.0	0.0
	-5.00000	41.00000	0.00000	-8.5181	-0.50000	0.0	0.0	0.0
	-4.00000	41.00000	0.00000	-8.9498	-0.50000	0.0	0.0	0.0
	-3.00000	41.00000	0.00000	-9.3904	-0.50000	0.0	0.0	0.0
	-2.00000	41.00000	0.00000	-9.8375	-0.50000	0.0	0.0	0.0
	-1.00000	41.00000	0.00000	-10.289	-0.50000	0.0	0.0	0.0
	0.00000	41.00000	0.00000	-10.741	-0.50000	0.0	0.0	0.0
	1.00000	41.00000	0.00000	-11.191	-0.50000	0.0	0.0	0.0
	2.00000	41.00000	0.00000	-11.637	-0.50000	0.0	0.0	0.0
	3.00000	41.00000	0.00000	-12.075	-0.50000	0.0	0.0	0.0
	4.00000	41.00000	0.00000	-12.502	-0.50000	0.0	0.0	0.0
	5.00000	41.00000	0.00000	-12.918	-0.50000	0.0	0.0	0.0
	6.00000	41.00000	0.00000	-13.319	-0.50000	0.0	0.0	0.0
	7.00000	41.00000	0.00000	-13.704	-0.50000	0.0	0.0	0.0
	8.00000	41.00000	0.00000	-14.072	-0.50000	0.0	0.0	0.0
	9.00000	41.00000	0.00000	-14.422	-0.50000	0.0	0.0	0.0
	10.00000	41.00000	0.00000	-14.753	-0.50000	0.0	0.0	0.0
	11.00000	41.00000	0.00000	-15.066	-0.50000	0.0	0.0	0.0
	12.00000	41.00000	0.00000	-15.360	-0.50000	0.0	0.0	0.0
	13.00000	41.00000	0.00000	-15.635	-0.50000	0.0	0.0	0.0
	14.00000	41.00000	0.00000	-15.892	-0.50000	0.0	0.0	0.0
	15.00000	41.00000	0.00000	-16.130	-0.50000	0.0	0.0	0.0
	16.00000	41.00000	0.00000	-16.349	-0.50000	0.0	0.0	0.0
	17.00000	41.00000	0.00000	-16.548	-0.50000	0.0	0.0	0.0
	18.00000	41.00000	0.00000	-16.728	-0.50000	0.0	0.0	0.0
	19.00000	41.00000	0.00000	-16.885	-0.50000	0.0	0.0	0.0
	20.00000	41.00000	0.00000	-17.019	-0.50000	0.0	0.0	0.0
	21.00000	41.00000	0.00000	-17.126	-0.50000	0.0	0.0	0.0
	22.00000	41.00000	0.00000	-17.203	-0.50000	0.0	0.0	0.0
	23.00000	41.00000	0.00000	-17.247	-0.50000	0.0	0.0	0.0
	24.00000	41.00000	0.00000	-17.253	-0.50000	0.0	0.0	0.0
	25.00000	41.00000	0.00000	-17.219	-0.50000	0.0	0.0	0.0
	26.00000	41.00000	0.00000	-17.142	-0.50000	0.0	0.0	0.0
	27.00000	41.00000	0.00000	-17.020	-0.50000	0.0	0.0	0.0
	28.00000	41.00000	0.00000	-16.850	-0.50000	0.0	0.0	0.0
	29.00000	41.00000	0.00000	-16.634	-0.50000	0.0	0.0	0.0
	30.00000	41.00000	0.00000	-16.370	-0.50000	0.0	0.0	0.0
	31.00000	41.00000	0.00000	-16.060	-0.50000	0.0	0.0	0.0
	32.00000	41.00000	0.00000	-15.705	-0.50000	0.0	0.0	0.0
	33.00000	41.00000	0.00000	-15.307	-0.50000	0.0	0.0	0.0
	34.00000	41.00000	0.00000	-14.869	-0.50000	0.0	0.0	0.0
	35.00000	41.00000	0.00000	-14.396	-0.50000	0.0	0.0	0.0
	36.00000	41.00000	0.00000	-13.892	-0.50000	0.0	0.0	0.0
	37.00000	41.00000	0.00000	-13.363	-0.50000	0.0	0.0	0.0
	38.00000	41.00000	0.00000	-12.816	-0.50000	0.0	0.0	0.0
	39.00000	41.00000	0.00000	-12.258	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	45.00000	41.00000	0.00000	-9.0042	-0.50000	0.0	0.0	0.0
	46.00000	41.00000	0.00000	-8.5158	-0.50000	0.0	0.0	0.0
	47.00000	41.00000	0.00000	-8.0483	-0.50000	0.0	0.0	0.0
	48.00000	41.00000	0.00000	-7.6022	-0.50000	0.0	0.0	0.0
	49.00000	41.00000	0.00000	-7.1776	-0.50000	0.0	0.0	0.0
	50.00000	41.00000	0.00000	-6.7743	-0.50000	0.0	0.0	0.0
	51.00000	41.00000	0.00000	-6.3917	-0.50000	0.0	0.0	0.0
	52.00000	41.00000	0.00000	-6.0293	-0.50000	0.0	0.0	0.0
	53.00000	41.00000	0.00000	-5.6864	-0.50000	0.0	0.0	0.0
	54.00000	41.00000	0.00000	-5.3620	-0.50000	0.0	0.0	0.0
	55.00000	41.00000	0.00000	-5.0555	-0.50000	0.0	0.0	0.0
	56.00000	41.00000	0.00000	-4.7660	-0.50000	0.0	0.0	0.0
	57.00000	41.00000	0.00000	-4.4926	-0.50000	0.0	0.0	0.0
	58.00000	41.00000	0.00000	-4.2345	-0.50000	0.0	0.0	0.0
	59.00000	41.00000	0.00000	-3.9909	-0.50000	0.0	0.0	0.0
	60.00000	41.00000	0.00000	-3.7610	-0.50000	0.0	0.0	0.0
	-20.00000	42.00000	0.00000	-3.5636	-0.50000	0.0	0.0	0.0
	-19.00000	42.00000	0.00000	-3.7727	-0.50000	0.0	0.0	0.0
	-18.00000	42.00000	0.00000	-3.9930	-0.50000	0.0	0.0	0.0
	-17.00000	42.00000	0.00000	-4.2251	-0.50000	0.0	0.0	0.0
	-16.00000	42.00000	0.00000	-4.4692	-0.50000	0.0	0.0	0.0
	-15.00000	42.00000	0.00000	-4.7258	-0.50000	0.0	0.0	0.0
	-14.00000	42.00000	0.00000	-4.9953	-0.50000	0.0	0.0	0.0
	-13.00000	42.00000	0.00000	-5.2778	-0.50000	0.0	0.0	0.0
	-12.00000	42.00000	0.00000	-5.5736	-0.50000	0.0	0.0	0.0
	-11.00000	42.00000	0.00000	-5.8827	-0.50000	0.0	0.0	0.0
	-10.00000	42.00000	0.00000	-6.2052	-0.50000	0.0	0.0	0.0
	-9.00000	42.00000	0.00000	-6.5407	-0.50000	0.0	0.0	0.0
	-8.00000	42.00000	0.00000	-6.8890	-0.50000	0.0	0.0	0.0
	-7.00000	42.00000	0.00000	-7.2493	-0.50000	0.0	0.0	0.0
	-6.00000	42.00000	0.00000	-7.6209	-0.50000	0.0	0.0	0.0
	-5.00000	42.00000	0.00000	-8.0026	-0.50000	0.0	0.0	0.0
	-4.00000	42.00000	0.00000	-8.3929	-0.50000	0.0	0.0	0.0
	-3.00000	42.00000	0.00000	-8.7903	-0.50000	0.0	0.0	0.0
	-2.00000	42.00000	0.00000	-9.1927	-0.50000	0.0	0.0	0.0
	-1.00000	42.00000	0.00000	-9.5979	-0.50000	0.0	0.0	0.0
	0.00000	42.00000	0.00000	-10.004	-0.50000	0.0	0.0	0.0
	1.00000	42.00000	0.00000	-10.408	-0.50000	0.0	0.0	0.0
	2.00000	42.00000	0.00000	-10.807	-0.50000	0.0	0.0	0.0
	3.00000	42.00000	0.00000	-11.200	-0.50000	0.0	0.0	0.0
	4.00000	42.00000	0.00000	-11.585	-0.50000	0.0	0.0	0.0
	5.00000	42.00000	0.00000	-11.958	-0.50000	0.0	0.0	0.0
	6.00000	42.00000	0.00000	-12.319	-0.50000	0.0	0.0	0.0
	7.00000	42.00000	0.00000	-12.667	-0.50000	0.0	0.0	0.0
	8.00000	42.00000	0.00000	-12.999	-0.50000	0.0	0.0	0.0
	9.00000	42.00000	0.00000	-13.315	-0.50000	0.0	0.0	0.0
	10.00000	42.00000	0.00000	-13.615	-0.50000	0.0	0.0	0.0
	11.00000	42.00000	0.00000	-13.898	-0.50000	0.0	0.0	0.0
	12.00000	42.00000	0.00000	-14.164	-0.50000	0.0	0.0	0.0
	13.00000	42.00000	0.00000	-14.412	-0.50000	0.0	0.0	0.0
	14.00000	42.00000	0.00000	-14.643	-0.50000	0.0	0.0	0.0
	15.00000	42.00000	0.00000	-14.855	-0.50000	0.0	0.0	0.0
	16.00000	42.00000	0.00000	-15.049	-0.50000	0.0	0.0	0.0
	17.00000	42.00000	0.00000	-15.225	-0.50000	0.0	0.0	0.0
	18.00000	42.00000	0.00000	-15.380	-0.50000	0.0	0.0	0.0
	19.00000	42.00000	0.00000	-15.514	-0.50000	0.0	0.0	0.0
	20.00000	42.00000	0.00000	-15.624	-0.50000	0.0	0.0	0.0
	21.00000	42.00000	0.00000	-15.710	-0.50000	0.0	0.0	0.0
	22.00000	42.00000	0.00000	-15.767	-0.50000	0.0	0.0	0.0
	23.00000	42.00000	0.00000	-15.795	-0.50000	0.0	0.0	0.0
	24.00000	42.00000	0.00000	-15.789	-0.50000	0.0	0.0	0.0
	25.00000	42.00000	0.00000	-15.748	-0.50000	0.0	0.0	0.0
	26.00000	42.00000	0.00000	-15.669	-0.50000	0.0	0.0	0.0
	27.00000	42.00000	0.00000	-15.552	-0.50000	0.0	0.0	0.0
	28.00000	42.00000	0.00000	-15.394	-0.50000	0.0	0.0	0.0
	29.00000	42.00000	0.00000	-15.196	-0.50000	0.0	0.0	0.0
	30.00000	42.00000	0.00000	-14.958	-0.50000	0.0	0.0	0.0
	31.00000	42.00000	0.00000	-14.680	-0.50000	0.0	0.0	0.0
	32.00000	42.00000	0.00000	-14.364	-0.50000	0.0	0.0	0.0
	33.00000	42.00000	0.00000	-14.012	-0.50000	0.0	0.0	0.0
	34.00000	42.00000	0.00000	-13.627	-0.50000	0.0	0.0	0.0
	35.00000	42.00000	0.00000	-13.212	-0.50000	0.0	0.0	0.0
	36.00000	42.00000	0.00000	-12.771	-0.50000	0.0	0.0	0.0
	37.00000	42.00000	0.00000	-12.310	-0.50000	0.0	0.0	0.0
	38.00000	42.00000	0.00000	-11.832	-0.50000	0.0	0.0	0.0
	39.00000	42.00000	0.00000	-11.344	-0.50000	0.0	0.0	0.0
	40.00000	42.00000	0.00000	-10.850	-0.50000	0.0	0.0	0.0
	41.00000	42.00000	0.00000	-10.356	-0.50000	0.0	0.0	0.0
	42.00000	42.00000	0.00000	-9.8671	-0.50000	0.0	0.0	0.0
	43.00000	42.00000	0.00000	-9.3860	-0.50000	0.0	0.0	0.0
	44.00000	42.00000	0.00000	-8.9162	-0.50000	0.0	0.0	0.0
	45.00000	42.00000	0.00000	-8.4602	-0.50000	0.0	0.0	0.0
	46.00000	42.00000	0.00000	-8.0197	-0.50000	0.0	0.0	0.0
	47.00000	42.00000	0.00000	-7.5959	-0.50000	0.0	0.0	0.0
	48.00000	42.00000	0.00000	-7.1896	-0.50000	0.0	0.0	0.0
	49.00000	42.00000	0.00000	-6.8012	-0.50000	0.0	0.0	0.0
	50.00000	42.00000	0.00000	-6.4306	-0.50000	0.0	0.0	0.0
	51.00000	42.00000	0.00000	-6.0778	-0.50000	0.0	0.0	0.0
	52.00000	42.00000	0.00000	-5.7423	-0.50000	0.0	0.0	0.0
	53.00000	42.00000	0.00000	-5.4238	-0.50000	0.0	0.0	0.0
	54.00000	42.00000	0.00000	-5.1216	-0.50000	0.0	0.0	0.0
	55.00000	42.00000	0.00000	-4.8352	-0.50000	0.0	0.0	0.0
	56.00000	42.00000	0.00000	-4.5640	-0.50000	0.0	0.0	0.0
	57.00000	42.00000	0.00000	-4.3072	-0.50000	0.0	0.0	0.0
	58.00000	42.00000	0.00000	-4.0643	-0.50000	0.0	0.0	0.0
	59.00000	42.00000	0.00000	-3.8345	-0.50000	0.0	0.0	0.0
	60.00000	42.00000	0.00000	-3.6172	-0.50000	0.0	0.0	0.0
	-20.00000	43.00000	0.00000	-3.4187	-0.50000	0.0	0.0	0.0
	-19.00000	43.00000	0.00000	-3.6156	-0.50000	0.0	0.0	0.0
	-18.00000	43.00000	0.00000	-3.8227	-0.50000	0.0	0.0	0.0
	-17.00000	43.00000	0.00000	-4.0403	-0.50000	0.0	0.0	0.0
	-16.00000	43.00000	0.00000	-4.2688	-0.50000	0.0	0.0	0.0
	-15.00000	43.00000	0.00000	-4.5084	-0.50000	0.0	0.0	0.0
	-14.00000	43.00000	0.00000	-4.7593	-0.50000	0.0	0.0	0.0
	-13.00000	43.00000	0.00000	-5.0218	-0.50000	0.0	0.0	0.0
	-12.00000	43.00000	0.00000	-5.2958	-0.50000	0.0	0.0	0.0
	-11.00000	43.00000	0.00000	-5.5815	-0.50000	0.0	0.0	0.0
	-10.00000	43.00000	0.00000	-5.8786	-0.50000	0.0	0.0	0.0
	-9.00000	43.00000	0.00000	-6.1869	-0.50000	0.0	0.0	0.0
	-8.00000	43.00000	0.00000	-6.5059	-0.50000	0.0	0.0	0.0
	-7.00000	43.00000	0.00000	-6.8351	-0.50000	0.0	0.0	0.0
	-6.00000	43.00000	0.00000	-7.1736	-0.50000	0.0	0.0	0.0
	-5.00000	43.00000	0.00000	-7.5204	-0.50000	0.0	0.0	0.0
	-4.00000	43.00000	0.00000	-7.8742	-0.50000	0.0	0.0	0.0
	-3.00000	43.00000	0.00000	-8.2336	-0.50000	0.0	0.0	0.0
	-2.00000	43.00000	0.00000	-8.5969	-0.50000	0.0	0.0	0.0
	-1.00000	43.00000	0.00000	-8.9622	-0.50000	0.0	0.0	0.0
	0.00000	43.00000	0.00000	-9.3276	-0.50000	0.0	0.0	0.0
	1.00000	43.00000	0.00000	-9.6911	-0.50000	0.0	0.0	0.0
	2.00000	43.00000	0.00000	-10.051	-0.50000	0.0	0.0	0.0
	3.00000	43.00000	0.00000	-10.405	-0.50000	0.0	0.0	0.0
	4.00000	43.00000	0.00000	-10.751	-0.50000	0.0	0.0	0.0
	5.00000	43.00000	0.00000	-11.087	-0.50000	0.0	0.0	0.0
	6.00000	43.00000	0.00000	-11.413	-0.50000	0.0	0.0	0.0
	7.00000	43.00000	0.00000	-11.727	-0.50000	0.0	0.0	0.0
	8.00000	43.00000	0.00000	-12.027	-0.50000	0.0	0.0	0.0
	9.00000	43.00000	0.00000	-12.313	-0.50000	0.0	0.0	0.0
	10.00000	43.00000	0.00000	-12.585	-0.50000	0.0	0.0	0.0
	11.00000	43.00000	0.00000	-12.841	-0.50000	0.0	0.0	0.0
	12.00000	43.00000	0.00000	-13.081	-0.50000	0.0	0.0	0.0
	13.00000	43.00000	0.00000	-13.305	-0.50000	0.0	0.0	0.0
	14.00000	43.00000	0.00000	-13.512	-0.50000	0.0	0.0	0.0
	15.00000	43.00000	0.00000	-13.702	-0.50000	0.0	0.0	0.0
	16.00000	43.00000	0.00000	-13.874	-0.50000	0.0	0.0	0.0
	17.00000	43.00000	0.00000	-14.028	-0.50000	0.0	0.0	0.0
	18.00000	43.00000	0.00000	-14.163	-0.50000	0.0	0.0	0.0
	19.00000	43.00000	0.00000	-14.277	-0.50000	0.0	0.0	0.0
	20.00000	43.00000	0.00000	-14.370	-0.50000	0.0	0.0	0.0
	21.00000	43.00000	0.00000	-14.439	-0.50000	0.0	0.0	0.0
	22.00000	43.00000	0.00000	-14.482	-0.50000	0.0	0.0	0.0
	23.00000	43.00000	0.00000	-14.497	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	24.00000	43.00000	0.00000	-14.484	-0.50000	0.0	0.0	0.0
	25.00000	43.00000	0.00000	-14.439	-0.50000	0.0	0.0	0.0
	26.00000	43.00000	0.00000	-14.361	-0.50000	0.0	0.0	0.0
	27.00000	43.00000	0.00000	-14.249	-0.50000	0.0	0.0	0.0
	28.00000	43.00000	0.00000	-14.103	-0.50000	0.0	0.0	0.0
	29.00000	43.00000	0.00000	-13.922	-0.50000	0.0	0.0	0.0
	30.00000	43.00000	0.00000	-13.707	-0.50000	0.0	0.0	0.0
	31.00000	43.00000	0.00000	-13.458	-0.50000	0.0	0.0	0.0
	32.00000	43.00000	0.00000	-13.176	-0.50000	0.0	0.0	0.0
	33.00000	43.00000	0.00000	-12.864	-0.50000	0.0	0.0	0.0
	34.00000	43.00000	0.00000	-12.523	-0.50000	0.0	0.0	0.0
	35.00000	43.00000	0.00000	-12.158	-0.50000	0.0	0.0	0.0
	36.00000	43.00000	0.00000	-11.770	-0.50000	0.0	0.0	0.0
	37.00000	43.00000	0.00000	-11.364	-0.50000	0.0	0.0	0.0
	38.00000	43.00000	0.00000	-10.944	-0.50000	0.0	0.0	0.0
	39.00000	43.00000	0.00000	-10.514	-0.50000	0.0	0.0	0.0
	40.00000	43.00000	0.00000	-10.079	-0.50000	0.0	0.0	0.0
	41.00000	43.00000	0.00000	-9.6423	-0.50000	0.0	0.0	0.0
	42.00000	43.00000	0.00000	-9.2080	-0.50000	0.0	0.0	0.0
	43.00000	43.00000	0.00000	-8.7792	-0.50000	0.0	0.0	0.0
	44.00000	43.00000	0.00000	-8.3586	-0.50000	0.0	0.0	0.0
	45.00000	43.00000	0.00000	-7.9486	-0.50000	0.0	0.0	0.0
	46.00000	43.00000	0.00000	-7.5506	-0.50000	0.0	0.0	0.0
	47.00000	43.00000	0.00000	-7.1661	-0.50000	0.0	0.0	0.0
	48.00000	43.00000	0.00000	-6.7959	-0.50000	0.0	0.0	0.0
	49.00000	43.00000	0.00000	-6.4405	-0.50000	0.0	0.0	0.0
	50.00000	43.00000	0.00000	-6.1001	-0.50000	0.0	0.0	0.0
	51.00000	43.00000	0.00000	-5.7748	-0.50000	0.0	0.0	0.0
	52.00000	43.00000	0.00000	-5.4645	-0.50000	0.0	0.0	0.0
	53.00000	43.00000	0.00000	-5.1689	-0.50000	0.0	0.0	0.0
	54.00000	43.00000	0.00000	-4.8876	-0.50000	0.0	0.0	0.0
	55.00000	43.00000	0.00000	-4.6203	-0.50000	0.0	0.0	0.0
	56.00000	43.00000	0.00000	-4.3665	-0.50000	0.0	0.0	0.0
	57.00000	43.00000	0.00000	-4.1256	-0.50000	0.0	0.0	0.0
	58.00000	43.00000	0.00000	-3.8972	-0.50000	0.0	0.0	0.0
	59.00000	43.00000	0.00000	-3.6806	-0.50000	0.0	0.0	0.0
	60.00000	43.00000	0.00000	-3.4755	-0.50000	0.0	0.0	0.0
	-20.00000	44.00000	0.00000	-3.2770	-0.50000	0.0	0.0	0.0
	-19.00000	44.00000	0.00000	-3.4623	-0.50000	0.0	0.0	0.0
	-18.00000	44.00000	0.00000	-3.6569	-0.50000	0.0	0.0	0.0
	-17.00000	44.00000	0.00000	-3.8608	-0.50000	0.0	0.0	0.0
	-16.00000	44.00000	0.00000	-4.0745	-0.50000	0.0	0.0	0.0
	-15.00000	44.00000	0.00000	-4.2981	-0.50000	0.0	0.0	0.0
	-14.00000	44.00000	0.00000	-4.5318	-0.50000	0.0	0.0	0.0
	-13.00000	44.00000	0.00000	-4.7756	-0.50000	0.0	0.0	0.0
	-12.00000	44.00000	0.00000	-5.0295	-0.50000	0.0	0.0	0.0
	-11.00000	44.00000	0.00000	-5.2936	-0.50000	0.0	0.0	0.0
	-10.00000	44.00000	0.00000	-5.5675	-0.50000	0.0	0.0	0.0
	-9.00000	44.00000	0.00000	-5.8509	-0.50000	0.0	0.0	0.0
	-8.00000	44.00000	0.00000	-6.1435	-0.50000	0.0	0.0	0.0
	-7.00000	44.00000	0.00000	-6.4447	-0.50000	0.0	0.0	0.0
	-6.00000	44.00000	0.00000	-6.7535	-0.50000	0.0	0.0	0.0
	-5.00000	44.00000	0.00000	-7.0692	-0.50000	0.0	0.0	0.0
	-4.00000	44.00000	0.00000	-7.3906	-0.50000	0.0	0.0	0.0
	-3.00000	44.00000	0.00000	-7.7164	-0.50000	0.0	0.0	0.0
	-2.00000	44.00000	0.00000	-8.0452	-0.50000	0.0	0.0	0.0
	-1.00000	44.00000	0.00000	-8.3754	-0.50000	0.0	0.0	0.0
	0.00000	44.00000	0.00000	-8.7054	-0.50000	0.0	0.0	0.0
	1.00000	44.00000	0.00000	-9.0335	-0.50000	0.0	0.0	0.0
	2.00000	44.00000	0.00000	-9.3580	-0.50000	0.0	0.0	0.0
	3.00000	44.00000	0.00000	-9.6772	-0.50000	0.0	0.0	0.0
	4.00000	44.00000	0.00000	-9.9895	-0.50000	0.0	0.0	0.0
	5.00000	44.00000	0.00000	-10.294	-0.50000	0.0	0.0	0.0
	6.00000	44.00000	0.00000	-10.588	-0.50000	0.0	0.0	0.0
	7.00000	44.00000	0.00000	-10.872	-0.50000	0.0	0.0	0.0
	8.00000	44.00000	0.00000	-11.143	-0.50000	0.0	0.0	0.0
	9.00000	44.00000	0.00000	-11.402	-0.50000	0.0	0.0	0.0
	10.00000	44.00000	0.00000	-11.648	-0.50000	0.0	0.0	0.0
	11.00000	44.00000	0.00000	-11.880	-0.50000	0.0	0.0	0.0
	12.00000	44.00000	0.00000	-12.096	-0.50000	0.0	0.0	0.0
	13.00000	44.00000	0.00000	-12.298	-0.50000	0.0	0.0	0.0
	14.00000	44.00000	0.00000	-12.485	-0.50000	0.0	0.0	0.0
	15.00000	44.00000	0.00000	-12.655	-0.50000	0.0	0.0	0.0
	16.00000	44.00000	0.00000	-12.808	-0.50000	0.0	0.0	0.0
	17.00000	44.00000	0.00000	-12.944	-0.50000	0.0	0.0	0.0
	18.00000	44.00000	0.00000	-13.062	-0.50000	0.0	0.0	0.0
	19.00000	44.00000	0.00000	-13.160	-0.50000	0.0	0.0	0.0
	20.00000	44.00000	0.00000	-13.237	-0.50000	0.0	0.0	0.0
	21.00000	44.00000	0.00000	-13.293	-0.50000	0.0	0.0	0.0
	22.00000	44.00000	0.00000	-13.325	-0.50000	0.0	0.0	0.0
	23.00000	44.00000	0.00000	-13.333	-0.50000	0.0	0.0	0.0
	24.00000	44.00000	0.00000	-13.314	-0.50000	0.0	0.0	0.0
	25.00000	44.00000	0.00000	-13.267	-0.50000	0.0	0.0	0.0
	26.00000	44.00000	0.00000	-13.192	-0.50000	0.0	0.0	0.0
	27.00000	44.00000	0.00000	-13.087	-0.50000	0.0	0.0	0.0
	28.00000	44.00000	0.00000	-12.952	-0.50000	0.0	0.0	0.0
	29.00000	44.00000	0.00000	-12.787	-0.50000	0.0	0.0	0.0
	30.00000	44.00000	0.00000	-12.592	-0.50000	0.0	0.0	0.0
	31.00000	44.00000	0.00000	-12.368	-0.50000	0.0	0.0	0.0
	32.00000	44.00000	0.00000	-12.116	-0.50000	0.0	0.0	0.0
	33.00000	44.00000	0.00000	-11.838	-0.50000	0.0	0.0	0.0
	34.00000	44.00000	0.00000	-11.536	-0.50000	0.0	0.0	0.0
	35.00000	44.00000	0.00000	-11.212	-0.50000	0.0	0.0	0.0
	36.00000	44.00000	0.00000	-10.869	-0.50000	0.0	0.0	0.0
	37.00000	44.00000	0.00000	-10.510	-0.50000	0.0	0.0	0.0
	38.00000	44.00000	0.00000	-10.139	-0.50000	0.0	0.0	0.0
	39.00000	44.00000	0.00000	-9.7588	-0.50000	0.0	0.0	0.0
	40.00000	44.00000	0.00000	-9.3732	-0.50000	0.0	0.0	0.0
	41.00000	44.00000	0.00000	-8.9853	-0.50000	0.0	0.0	0.0
	42.00000	44.00000	0.00000	-8.5983	-0.50000	0.0	0.0	0.0
	43.00000	44.00000	0.00000	-8.2149	-0.50000	0.0	0.0	0.0
	44.00000	44.00000	0.00000	-7.8374	-0.50000	0.0	0.0	0.0
	45.00000	44.00000	0.00000	-7.4679	-0.50000	0.0	0.0	0.0
	46.00000	44.00000	0.00000	-7.1079	-0.50000	0.0	0.0	0.0
	47.00000	44.00000	0.00000	-6.7586	-0.50000	0.0	0.0	0.0
	48.00000	44.00000	0.00000	-6.4210	-0.50000	0.0	0.0	0.0
	49.00000	44.00000	0.00000	-6.0957	-0.50000	0.0	0.0	0.0
	50.00000	44.00000	0.00000	-5.7831	-0.50000	0.0	0.0	0.0
	51.00000	44.00000	0.00000	-5.4832	-0.50000	0.0	0.0	0.0
	52.00000	44.00000	0.00000	-5.1963	-0.50000	0.0	0.0	0.0
	53.00000	44.00000	0.00000	-4.9221	-0.50000	0.0	0.0	0.0
	54.00000	44.00000	0.00000	-4.6605	-0.50000	0.0	0.0	0.0
	55.00000	44.00000	0.00000	-4.4112	-0.50000	0.0	0.0	0.0
	56.00000	44.00000	0.00000	-4.1739	-0.50000	0.0	0.0	0.0
	57.00000	44.00000	0.00000	-3.9481	-0.50000	0.0	0.0	0.0
	58.00000	44.00000	0.00000	-3.7335	-0.50000	0.0	0.0	0.0
	59.00000	44.00000	0.00000	-3.5297	-0.50000	0.0	0.0	0.0
	60.00000	44.00000	0.00000	-3.3363	-0.50000	0.0	0.0	0.0
	-20.00000	45.00000	0.00000	-3.1388	-0.50000	0.0	0.0	0.0
	-19.00000	45.00000	0.00000	-3.3131	-0.50000	0.0	0.0	0.0
	-18.00000	45.00000	0.00000	-3.4957	-0.50000	0.0	0.0	0.0
	-17.00000	45.00000	0.00000	-3.6868	-0.50000	0.0	0.0	0.0
	-16.00000	45.00000	0.00000	-3.8866	-0.50000	0.0	0.0	0.0
	-15.00000	45.00000	0.00000	-4.0952	-0.50000	0.0	0.0	0.0
	-14.00000	45.00000	0.00000	-4.3128	-0.50000	0.0	0.0	0.0
	-13.00000	45.00000	0.00000	-4.5392	-0.50000	0.0	0.0	0.0
	-12.00000	45.00000	0.00000	-4.7746	-0.50000	0.0	0.0	0.0
	-11.00000	45.00000	0.00000	-5.0187	-0.50000	0.0	0.0	0.0
	-10.00000	45.00000	0.00000	-5.2713	-0.50000	0.0	0.0	0.0
	-9.00000	45.00000	0.00000	-5.5322	-0.50000	0.0	0.0	0.0
	-8.00000	45.00000	0.00000	-5.8008	-0.50000	0.0	0.0	0.0
	-7.00000	45.00000	0.00000	-6.0766	-0.50000	0.0	0.0	0.0
	-6.00000	45.00000	0.00000	-6.3589	-0.50000	0.0	0.0	0.0
	-5.00000	45.00000	0.00000	-6.6467	-0.50000	0.0	0.0	0.0
	-4.00000	45.00000	0.00000	-6.9393	-0.50000	0.0	0.0	0.0
	-3.00000	45.00000

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	3.00000	45.00000	0.00000	-9.0104	-0.50000	0.0	0.0	0.0
	4.00000	45.00000	0.00000	-9.2928	-0.50000	0.0	0.0	0.0
	5.00000	45.00000	0.00000	-9.5679	-0.50000	0.0	0.0	0.0
	6.00000	45.00000	0.00000	-9.8343	-0.50000	0.0	0.0	0.0
	7.00000	45.00000	0.00000	-10.091	-0.50000	0.0	0.0	0.0
	8.00000	45.00000	0.00000	-10.337	-0.50000	0.0	0.0	0.0
	9.00000	45.00000	0.00000	-10.572	-0.50000	0.0	0.0	0.0
	10.00000	45.00000	0.00000	-10.794	-0.50000	0.0	0.0	0.0
	11.00000	45.00000	0.00000	-11.004	-0.50000	0.0	0.0	0.0
	12.00000	45.00000	0.00000	-11.200	-0.50000	0.0	0.0	0.0
	13.00000	45.00000	0.00000	-11.382	-0.50000	0.0	0.0	0.0
	14.00000	45.00000	0.00000	-11.549	-0.50000	0.0	0.0	0.0
	15.00000	45.00000	0.00000	-11.702	-0.50000	0.0	0.0	0.0
	16.00000	45.00000	0.00000	-11.838	-0.50000	0.0	0.0	0.0
	17.00000	45.00000	0.00000	-11.959	-0.50000	0.0	0.0	0.0
	18.00000	45.00000	0.00000	-12.062	-0.50000	0.0	0.0	0.0
	19.00000	45.00000	0.00000	-12.146	-0.50000	0.0	0.0	0.0
	20.00000	45.00000	0.00000	-12.212	-0.50000	0.0	0.0	0.0
	21.00000	45.00000	0.00000	-12.257	-0.50000	0.0	0.0	0.0
	22.00000	45.00000	0.00000	-12.281	-0.50000	0.0	0.0	0.0
	23.00000	45.00000	0.00000	-12.283	-0.50000	0.0	0.0	0.0
	24.00000	45.00000	0.00000	-12.261	-0.50000	0.0	0.0	0.0
	25.00000	45.00000	0.00000	-12.214	-0.50000	0.0	0.0	0.0
	26.00000	45.00000	0.00000	-12.141	-0.50000	0.0	0.0	0.0
	27.00000	45.00000	0.00000	-12.043	-0.50000	0.0	0.0	0.0
	28.00000	45.00000	0.00000	-11.919	-0.50000	0.0	0.0	0.0
	29.00000	45.00000	0.00000	-11.768	-0.50000	0.0	0.0	0.0
	30.00000	45.00000	0.00000	-11.592	-0.50000	0.0	0.0	0.0
	31.00000	45.00000	0.00000	-11.390	-0.50000	0.0	0.0	0.0
	32.00000	45.00000	0.00000	-11.165	-0.50000	0.0	0.0	0.0
	33.00000	45.00000	0.00000	-10.917	-0.50000	0.0	0.0	0.0
	34.00000	45.00000	0.00000	-10.647	-0.50000	0.0	0.0	0.0
	35.00000	45.00000	0.00000	-10.359	-0.50000	0.0	0.0	0.0
	36.00000	45.00000	0.00000	-10.055	-0.50000	0.0	0.0	0.0
	37.00000	45.00000	0.00000	-9.7364	-0.50000	0.0	0.0	0.0
	38.00000	45.00000	0.00000	-9.4068	-0.50000	0.0	0.0	0.0
	39.00000	45.00000	0.00000	-9.0690	-0.50000	0.0	0.0	0.0
	40.00000	45.00000	0.00000	-8.7258	-0.50000	0.0	0.0	0.0
	41.00000	45.00000	0.00000	-8.3799	-0.50000	0.0	0.0	0.0
	42.00000	45.00000	0.00000	-8.0338	-0.50000	0.0	0.0	0.0
	43.00000	45.00000	0.00000	-7.6899	-0.50000	0.0	0.0	0.0
	44.00000	45.00000	0.00000	-7.3503	-0.50000	0.0	0.0	0.0
	45.00000	45.00000	0.00000	-7.0166	-0.50000	0.0	0.0	0.0
	46.00000	45.00000	0.00000	-6.6904	-0.50000	0.0	0.0	0.0
	47.00000	45.00000	0.00000	-6.3728	-0.50000	0.0	0.0	0.0
	48.00000	45.00000	0.00000	-6.0647	-0.50000	0.0	0.0	0.0
	49.00000	45.00000	0.00000	-5.7668	-0.50000	0.0	0.0	0.0
	50.00000	45.00000	0.00000	-5.4796	-0.50000	0.0	0.0	0.0
	51.00000	45.00000	0.00000	-5.2033	-0.50000	0.0	0.0	0.0
	52.00000	45.00000	0.00000	-4.9380	-0.50000	0.0	0.0	0.0
	53.00000	45.00000	0.00000	-4.6838	-0.50000	0.0	0.0	0.0
	54.00000	45.00000	0.00000	-4.4406	-0.50000	0.0	0.0	0.0
	55.00000	45.00000	0.00000	-4.2083	-0.50000	0.0	0.0	0.0
	56.00000	45.00000	0.00000	-3.9865	-0.50000	0.0	0.0	0.0
	57.00000	45.00000	0.00000	-3.7751	-0.50000	0.0	0.0	0.0
	58.00000	45.00000	0.00000	-3.5737	-0.50000	0.0	0.0	0.0
	59.00000	45.00000	0.00000	-3.3821	-0.50000	0.0	0.0	0.0
	60.00000	45.00000	0.00000	-3.1998	-0.50000	0.0	0.0	0.0
	-20.00000	46.00000	0.00000	-3.0043	-0.50000	0.0	0.0	0.0
	-19.00000	46.00000	0.00000	-3.1681	-0.50000	0.0	0.0	0.0
	-18.00000	46.00000	0.00000	-3.3394	-0.50000	0.0	0.0	0.0
	-17.00000	46.00000	0.00000	-3.5184	-0.50000	0.0	0.0	0.0
	-16.00000	46.00000	0.00000	-3.7052	-0.50000	0.0	0.0	0.0
	-15.00000	46.00000	0.00000	-3.8998	-0.50000	0.0	0.0	0.0
	-14.00000	46.00000	0.00000	-4.1023	-0.50000	0.0	0.0	0.0
	-13.00000	46.00000	0.00000	-4.3126	-0.50000	0.0	0.0	0.0
	-12.00000	46.00000	0.00000	-4.5308	-0.50000	0.0	0.0	0.0
	-11.00000	46.00000	0.00000	-4.7566	-0.50000	0.0	0.0	0.0
	-10.00000	46.00000	0.00000	-4.9897	-0.50000	0.0	0.0	0.0
	-9.00000	46.00000	0.00000	-5.2299	-0.50000	0.0	0.0	0.0
	-8.00000	46.00000	0.00000	-5.4768	-0.50000	0.0	0.0	0.0
	-7.00000	46.00000	0.00000	-5.7297	-0.50000	0.0	0.0	0.0
	-6.00000	46.00000	0.00000	-5.9880	-0.50000	0.0	0.0	0.0
	-5.00000	46.00000	0.00000	-6.2509	-0.50000	0.0	0.0	0.0
	-4.00000	46.00000	0.00000	-6.5176	-0.50000	0.0	0.0	0.0
	-3.00000	46.00000	0.00000	-6.7871	-0.50000	0.0	0.0	0.0
	-2.00000	46.00000	0.00000	-7.0582	-0.50000	0.0	0.0	0.0
	-1.00000	46.00000	0.00000	-7.3299	-0.50000	0.0	0.0	0.0
	0.00000	46.00000	0.00000	-7.6009	-0.50000	0.0	0.0	0.0
	1.00000	46.00000	0.00000	-7.8700	-0.50000	0.0	0.0	0.0
	2.00000	46.00000	0.00000	-8.1359	-0.50000	0.0	0.0	0.0
	3.00000	46.00000	0.00000	-8.3974	-0.50000	0.0	0.0	0.0
	4.00000	46.00000	0.00000	-8.6533	-0.50000	0.0	0.0	0.0
	5.00000	46.00000	0.00000	-8.9025	-0.50000	0.0	0.0	0.0
	6.00000	46.00000	0.00000	-9.1440	-0.50000	0.0	0.0	0.0
	7.00000	46.00000	0.00000	-9.3767	-0.50000	0.0	0.0	0.0
	8.00000	46.00000	0.00000	-9.5997	-0.50000	0.0	0.0	0.0
	9.00000	46.00000	0.00000	-9.8124	-0.50000	0.0	0.0	0.0
	10.00000	46.00000	0.00000	-10.014	-0.50000	0.0	0.0	0.0
	11.00000	46.00000	0.00000	-10.204	-0.50000	0.0	0.0	0.0
	12.00000	46.00000	0.00000	-10.381	-0.50000	0.0	0.0	0.0
	13.00000	46.00000	0.00000	-10.545	-0.50000	0.0	0.0	0.0
	14.00000	46.00000	0.00000	-10.696	-0.50000	0.0	0.0	0.0
	15.00000	46.00000	0.00000	-10.833	-0.50000	0.0	0.0	0.0
	16.00000	46.00000	0.00000	-10.955	-0.50000	0.0	0.0	0.0
	17.00000	46.00000	0.00000	-11.061	-0.50000	0.0	0.0	0.0
	18.00000	46.00000	0.00000	-11.152	-0.50000	0.0	0.0	0.0
	19.00000	46.00000	0.00000	-11.225	-0.50000	0.0	0.0	0.0
	20.00000	46.00000	0.00000	-11.281	-0.50000	0.0	0.0	0.0
	21.00000	46.00000	0.00000	-11.318	-0.50000	0.0	0.0	0.0
	22.00000	46.00000	0.00000	-11.336	-0.50000	0.0	0.0	0.0
	23.00000	46.00000	0.00000	-11.333	-0.50000	0.0	0.0	0.0
	24.00000	46.00000	0.00000	-11.309	-0.50000	0.0	0.0	0.0
	25.00000	46.00000	0.00000	-11.263	-0.50000	0.0	0.0	0.0
	26.00000	46.00000	0.00000	-11.195	-0.50000	0.0	0.0	0.0
	27.00000	46.00000	0.00000	-11.103	-0.50000	0.0	0.0	0.0
	28.00000	46.00000	0.00000	-10.989	-0.50000	0.0	0.0	0.0
	29.00000	46.00000	0.00000	-10.852	-0.50000	0.0	0.0	0.0
	30.00000	46.00000	0.00000	-10.692	-0.50000	0.0	0.0	0.0
	31.00000	46.00000	0.00000	-10.510	-0.50000	0.0	0.0	0.0
	32.00000	46.00000	0.00000	-10.307	-0.50000	0.0	0.0	0.0
	33.00000	46.00000	0.00000	-10.085	-0.50000	0.0	0.0	0.0
	34.00000	46.00000	0.00000	-9.8444	-0.50000	0.0	0.0	0.0
	35.00000	46.00000	0.00000	-9.5874	-0.50000	0.0	0.0	0.0
	36.00000	46.00000	0.00000	-9.3159	-0.50000	0.0	0.0	0.0
	37.00000	46.00000	0.00000	-9.0322	-0.50000	0.0	0.0	0.0
	38.00000	46.00000	0.00000	-8.7385	-0.50000	0.0	0.0	0.0
	39.00000	46.00000	0.00000	-8.4372	-0.50000	0.0	0.0	0.0
	40.00000	46.00000	0.00000	-8.1306	-0.50000	0.0	0.0	0.0
	41.00000	46.00000	0.00000	-7.8210	-0.50000	0.0	0.0	0.0
	42.00000	46.00000	0.00000	-7.5105	-0.50000	0.0	0.0	0.0
	43.00000	46.00000	0.00000	-7.2013	-0.50000	0.0	0.0	0.0
	44.00000	46.00000	0.00000	-6.8949	-0.50000	0.0	0.0	0.0
	45.00000	46.00000	0.00000	-6.5931	-0.50000	0.0	0.0	0.0
	46.00000	46.00000	0.00000	-6.2970	-0.50000	0.0	0.0	0.0
	47.00000	46.00000	0.00000	-6.0079	-0.50000	0.0	0.0	0.0
	48.00000	46.00000	0.00000	-5.7265	-0.50000	0.0	0.0	0.0
	49.00000	46.00000	0.00000	-5.4536	-0.50000	0.0	0.0	0.0
	50.00000	46.00000	0.00000	-5.1896	-0.50000	0.0	0.0	0.0
	51.00000	46.00000	0.00000	-4.9349	-0.50000	0.0	0.0	0.0
	52.00000	46.00000	0.00000	-4.6897	-0.50000	0.0	0.0	0.0
	53.00000	46.00000	0.00000	-4.4541	-0.50000	0.0	0.0	0.0
	54.00000	46.00000	0.00000	-4.2282	-0.50000	0.0	0.0	0.0
	55.00000	46.00000	0.00000	-4.0117	-0.50000	0.0	0.0	0.0
	56.00000	46.00000	0.00000	-3.8047	-0.50000	0.0	0.0	0.0
	57.00000	46.00000	0.00000	-3.6068	-0.50000	0.0	0.0	0.0
	58.00000	46.00000	0.00000	-3.4180	-0.50000	0.0	0.0	0.0
	59.00000	46.00000	0.00000	-3.2379	-0.50000	0.0	0.0	0.0
	60.00000	46.00000	0.00000	-3.0663	-0.50000	0.0	0.0	0.0
	-20.00000	47.00000	0.00000	-2.8735	-0.50000	0.0	0.0	0.0
	-19.00000	47.00000	0.00000	-3.0274	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-18.00000	47.00000	0.00000	-3.1881	-0.50000	0.0	0.0	0.0
	-17.00000	47.00000	0.00000	-3.3557	-0.50000	0.0	0.0	0.0
	-16.00000	47.00000	0.00000	-3.5302	-0.50000	0.0	0.0	0.0
	-15.00000	47.00000	0.00000	-3.7117	-0.50000	0.0	0.0	0.0
	-14.00000	47.00000	0.00000	-3.9002	-0.50000	0.0	0.0	0.0
	-13.00000	47.00000	0.00000	-4.0956	-0.50000	0.0	0.0	0.0
	-12.00000	47.00000	0.00000	-4.2979	-0.50000	0.0	0.0	0.0
	-11.00000	47.00000	0.00000	-4.5068	-0.50000	0.0	0.0	0.0
	-10.00000	47.00000	0.00000	-4.7221	-0.50000	0.0	0.0	0.0
	-9.00000	47.00000	0.00000	-4.9435	-0.50000	0.0	0.0	0.0
	-8.00000	47.00000	0.00000	-5.1705	-0.50000	0.0	0.0	0.0
	-7.00000	47.00000	0.00000	-5.4027	-0.50000	0.0	0.0	0.0
	-6.00000	47.00000	0.00000	-5.6393	-0.50000	0.0	0.0	0.0
	-5.00000	47.00000	0.00000	-5.8798	-0.50000	0.0	0.0	0.0
	-4.00000	47.00000	0.00000	-6.1234	-0.50000	0.0	0.0	0.0
	-3.00000	47.00000	0.00000	-6.3691	-0.50000	0.0	0.0	0.0
	-2.00000	47.00000	0.00000	-6.6160	-0.50000	0.0	0.0	0.0
	-1.00000	47.00000	0.00000	-6.8632	-0.50000	0.0	0.0	0.0
	0.00000	47.00000	0.00000	-7.1095	-0.50000	0.0	0.0	0.0
	1.00000	47.00000	0.00000	-7.3539	-0.50000	0.0	0.0	0.0
	2.00000	47.00000	0.00000	-7.5953	-0.50000	0.0	0.0	0.0
	3.00000	47.00000	0.00000	-7.8327	-0.50000	0.0	0.0	0.0
	4.00000	47.00000	0.00000	-8.0649	-0.50000	0.0	0.0	0.0
	5.00000	47.00000	0.00000	-8.2910	-0.50000	0.0	0.0	0.0
	6.00000	47.00000	0.00000	-8.5101	-0.50000	0.0	0.0	0.0
	7.00000	47.00000	0.00000	-8.7212	-0.50000	0.0	0.0	0.0
	8.00000	47.00000	0.00000	-8.9236	-0.50000	0.0	0.0	0.0
	9.00000	47.00000	0.00000	-9.1164	-0.50000	0.0	0.0	0.0
	10.00000	47.00000	0.00000	-9.2991	-0.50000	0.0	0.0	0.0
	11.00000	47.00000	0.00000	-9.4709	-0.50000	0.0	0.0	0.0
	12.00000	47.00000	0.00000	-9.6313	-0.50000	0.0	0.0	0.0
	13.00000	47.00000	0.00000	-9.7797	-0.50000	0.0	0.0	0.0
	14.00000	47.00000	0.00000	-9.9155	-0.50000	0.0	0.0	0.0
	15.00000	47.00000	0.00000	-10.038	-0.50000	0.0	0.0	0.0
	16.00000	47.00000	0.00000	-10.147	-0.50000	0.0	0.0	0.0
	17.00000	47.00000	0.00000	-10.242	-0.50000	0.0	0.0	0.0
	18.00000	47.00000	0.00000	-10.322	-0.50000	0.0	0.0	0.0
	19.00000	47.00000	0.00000	-10.386	-0.50000	0.0	0.0	0.0
	20.00000	47.00000	0.00000	-10.433	-0.50000	0.0	0.0	0.0
	21.00000	47.00000	0.00000	-10.464	-0.50000	0.0	0.0	0.0
	22.00000	47.00000	0.00000	-10.477	-0.50000	0.0	0.0	0.0
	23.00000	47.00000	0.00000	-10.471	-0.50000	0.0	0.0	0.0
	24.00000	47.00000	0.00000	-10.446	-0.50000	0.0	0.0	0.0
	25.00000	47.00000	0.00000	-10.402	-0.50000	0.0	0.0	0.0
	26.00000	47.00000	0.00000	-10.338	-0.50000	0.0	0.0	0.0
	27.00000	47.00000	0.00000	-10.253	-0.50000	0.0	0.0	0.0
	28.00000	47.00000	0.00000	-10.148	-0.50000	0.0	0.0	0.0
	29.00000	47.00000	0.00000	-10.023	-0.50000	0.0	0.0	0.0
	30.00000	47.00000	0.00000	-9.8777	-0.50000	0.0	0.0	0.0
	31.00000	47.00000	0.00000	-9.7135	-0.50000	0.0	0.0	0.0
	32.00000	47.00000	0.00000	-9.5311	-0.50000	0.0	0.0	0.0
	33.00000	47.00000	0.00000	-9.3315	-0.50000	0.0	0.0	0.0
	34.00000	47.00000	0.00000	-9.1159	-0.50000	0.0	0.0	0.0
	35.00000	47.00000	0.00000	-8.8858	-0.50000	0.0	0.0	0.0
	36.00000	47.00000	0.00000	-8.6431	-0.50000	0.0	0.0	0.0
	37.00000	47.00000	0.00000	-8.3894	-0.50000	0.0	0.0	0.0
	38.00000	47.00000	0.00000	-8.1267	-0.50000	0.0	0.0	0.0
	39.00000	47.00000	0.00000	-7.8569	-0.50000	0.0	0.0	0.0
	40.00000	47.00000	0.00000	-7.5821	-0.50000	0.0	0.0	0.0
	41.00000	47.00000	0.00000	-7.3042	-0.50000	0.0	0.0	0.0
	42.00000	47.00000	0.00000	-7.0249	-0.50000	0.0	0.0	0.0
	43.00000	47.00000	0.00000	-6.7461	-0.50000	0.0	0.0	0.0
	44.00000	47.00000	0.00000	-6.4692	-0.50000	0.0	0.0	0.0
	45.00000	47.00000	0.00000	-6.1956	-0.50000	0.0	0.0	0.0
	46.00000	47.00000	0.00000	-5.9266	-0.50000	0.0	0.0	0.0
	47.00000	47.00000	0.00000	-5.6630	-0.50000	0.0	0.0	0.0
	48.00000	47.00000	0.00000	-5.4058	-0.50000	0.0	0.0	0.0
	49.00000	47.00000	0.00000	-5.1556	-0.50000	0.0	0.0	0.0
	50.00000	47.00000	0.00000	-4.9130	-0.50000	0.0	0.0	0.0
	51.00000	47.00000	0.00000	-4.6782	-0.50000	0.0	0.0	0.0
	52.00000	47.00000	0.00000	-4.4516	-0.50000	0.0	0.0	0.0
	53.00000	47.00000	0.00000	-4.2333	-0.50000	0.0	0.0	0.0
	54.00000	47.00000	0.00000	-4.0233	-0.50000	0.0	0.0	0.0
	55.00000	47.00000	0.00000	-3.8218	-0.50000	0.0	0.0	0.0
	56.00000	47.00000	0.00000	-3.6286	-0.50000	0.0	0.0	0.0
	57.00000	47.00000	0.00000	-3.4436	-0.50000	0.0	0.0	0.0
	58.00000	47.00000	0.00000	-3.2666	-0.50000	0.0	0.0	0.0
	59.00000	47.00000	0.00000	-3.0975	-0.50000	0.0	0.0	0.0
	60.00000	47.00000	0.00000	-2.9361	-0.50000	0.0	0.0	0.0
	-20.00000	48.00000	0.00000	-2.7467	-0.50000	0.0	0.0	0.0
	-19.00000	48.00000	0.00000	-2.8913	-0.50000	0.0	0.0	0.0
	-18.00000	48.00000	0.00000	-3.0419	-0.50000	0.0	0.0	0.0
	-17.00000	48.00000	0.00000	-3.1987	-0.50000	0.0	0.0	0.0
	-16.00000	48.00000	0.00000	-3.3618	-0.50000	0.0	0.0	0.0
	-15.00000	48.00000	0.00000	-3.5310	-0.50000	0.0	0.0	0.0
	-14.00000	48.00000	0.00000	-3.7065	-0.50000	0.0	0.0	0.0
	-13.00000	48.00000	0.00000	-3.8881	-0.50000	0.0	0.0	0.0
	-12.00000	48.00000	0.00000	-4.0757	-0.50000	0.0	0.0	0.0
	-11.00000	48.00000	0.00000	-4.2691	-0.50000	0.0	0.0	0.0
	-10.00000	48.00000	0.00000	-4.4680	-0.50000	0.0	0.0	0.0
	-9.00000	48.00000	0.00000	-4.6721	-0.50000	0.0	0.0	0.0
	-8.00000	48.00000	0.00000	-4.8811	-0.50000	0.0	0.0	0.0
	-7.00000	48.00000	0.00000	-5.0944	-0.50000	0.0	0.0	0.0
	-6.00000	48.00000	0.00000	-5.3115	-0.50000	0.0	0.0	0.0
	-5.00000	48.00000	0.00000	-5.5318	-0.50000	0.0	0.0	0.0
	-4.00000	48.00000	0.00000	-5.7545	-0.50000	0.0	0.0	0.0
	-3.00000	48.00000	0.00000	-5.9789	-0.50000	0.0	0.0	0.0
	-2.00000	48.00000	0.00000	-6.2041	-0.50000	0.0	0.0	0.0
	-1.00000	48.00000	0.00000	-6.4293	-0.50000	0.0	0.0	0.0
	0.00000	48.00000	0.00000	-6.6536	-0.50000	0.0	0.0	0.0
	1.00000	48.00000	0.00000	-6.8760	-0.50000	0.0	0.0	0.0
	2.00000	48.00000	0.00000	-7.0955	-0.50000	0.0	0.0	0.0
	3.00000	48.00000	0.00000	-7.3112	-0.50000	0.0	0.0	0.0
	4.00000	48.00000	0.00000	-7.5223	-0.50000	0.0	0.0	0.0
	5.00000	48.00000	0.00000	-7.7277	-0.50000	0.0	0.0	0.0
	6.00000	48.00000	0.00000	-7.9267	-0.50000	0.0	0.0	0.0
	7.00000	48.00000	0.00000	-8.1185	-0.50000	0.0	0.0	0.0
	8.00000	48.00000	0.00000	-8.3022	-0.50000	0.0	0.0	0.0
	9.00000	48.00000	0.00000	-8.4773	-0.50000	0.0	0.0	0.0
	10.00000	48.00000	0.00000	-8.6430	-0.50000	0.0	0.0	0.0
	11.00000	48.00000	0.00000	-8.7987	-0.50000	0.0	0.0	0.0
	12.00000	48.00000	0.00000	-8.9439	-0.50000	0.0	0.0	0.0
	13.00000	48.00000	0.00000	-9.0780	-0.50000	0.0	0.0	0.0
	14.00000	48.00000	0.00000	-9.2005	-0.50000	0.0	0.0	0.0
	15.00000	48.00000	0.00000	-9.3108	-0.50000	0.0	0.0	0.0
	16.00000	48.00000	0.00000	-9.4084	-0.50000	0.0	0.0	0.0
	17.00000	48.00000	0.00000	-9.4927	-0.50000	0.0	0.0	0.0
	18.00000	48.00000	0.00000	-9.5631	-0.50000	0.0	0.0	0.0
	19.00000	48.00000	0.00000	-9.6191	-0.50000	0.0	0.0	0.0
	20.00000	48.00000	0.00000	-9.6601	-0.50000	0.0	0.0	0.0
	21.00000	48.00000	0.00000	-9.6854	-0.50000	0.0	0.0	0.0
	22.00000	48.00000	0.00000	-9.6945	-0.50000	0.0	0.0	0.0
	23.00000	48.00000	0.00000	-9.6869	-0.50000	0.0	0.0	0.0
	24.00000	48.00000	0.00000	-9.6621	-0.50000	0.0	0.0	0.0
	25.00000	48.00000	0.00000	-9.6196	-0.50000	0.0	0.0	0.0
	26.00000	48.00000	0.00000	-9.5593	-0.50000	0.0	0.0	0.0
	27.00000	48.00000	0.00000	-9.4810	-0.50000	0.0	0.0	0.0
	28.00000	48.00000	0.00000	-9.3847	-0.50000	0.0	0.0	0.0
	29.00000	48.00000	0.00000	-9.2705	-0.50000	0.0	0.0	0.0
	30.00000	48.00000	0.00000	-9.1389	-0.50000	0.0	0.0	0.0
	31.00000	48.00000	0.00000	-8.9905	-0.50000	0.0	0.0	0.0
	32.00000	48.00000	0.00000	-8.8260	-0.50000	0.0	0.0	0.0
	33.00000	48.00000	0.00000	-8.6463	-0.50000	0.0	0.0	0.0
	34.00000	48.00000	0.00000	-8.4526	-0.50000	0.0	0.0	0.0
	35.00000	48.00000	0.00000	-8.2461	-0.50000	0.0	0.0	0.0
	36

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	42.00000	48.00000	0.00000	-6.5739	-0.50000	0.0	0.0	0.0
	43.00000	48.00000	0.00000	-6.3219	-0.50000	0.0	0.0	0.0
	44.00000	48.00000	0.00000	-6.0711	-0.50000	0.0	0.0	0.0
	45.00000	48.00000	0.00000	-5.8228	-0.50000	0.0	0.0	0.0
	46.00000	48.00000	0.00000	-5.5779	-0.50000	0.0	0.0	0.0
	47.00000	48.00000	0.00000	-5.3374	-0.50000	0.0	0.0	0.0
	48.00000	48.00000	0.00000	-5.1021	-0.50000	0.0	0.0	0.0
	49.00000	48.00000	0.00000	-4.8726	-0.50000	0.0	0.0	0.0
	50.00000	48.00000	0.00000	-4.6494	-0.50000	0.0	0.0	0.0
	51.00000	48.00000	0.00000	-4.4329	-0.50000	0.0	0.0	0.0
	52.00000	48.00000	0.00000	-4.2234	-0.50000	0.0	0.0	0.0
	53.00000	48.00000	0.00000	-4.0212	-0.50000	0.0	0.0	0.0
	54.00000	48.00000	0.00000	-3.8262	-0.50000	0.0	0.0	0.0
	55.00000	48.00000	0.00000	-3.6386	-0.50000	0.0	0.0	0.0
	56.00000	48.00000	0.00000	-3.4584	-0.50000	0.0	0.0	0.0
	57.00000	48.00000	0.00000	-3.2854	-0.50000	0.0	0.0	0.0
	58.00000	48.00000	0.00000	-3.1197	-0.50000	0.0	0.0	0.0
	59.00000	48.00000	0.00000	-2.9610	-0.50000	0.0	0.0	0.0
	60.00000	48.00000	0.00000	-2.8093	-0.50000	0.0	0.0	0.0
	-20.00000	49.00000	0.00000	-2.6239	-0.50000	0.0	0.0	0.0
	-19.00000	49.00000	0.00000	-2.7596	-0.50000	0.0	0.0	0.0
	-18.00000	49.00000	0.00000	-2.9008	-0.50000	0.0	0.0	0.0
	-17.00000	49.00000	0.00000	-3.0475	-0.50000	0.0	0.0	0.0
	-16.00000	49.00000	0.00000	-3.1998	-0.50000	0.0	0.0	0.0
	-15.00000	49.00000	0.00000	-3.3577	-0.50000	0.0	0.0	0.0
	-14.00000	49.00000	0.00000	-3.5210	-0.50000	0.0	0.0	0.0
	-13.00000	49.00000	0.00000	-3.6898	-0.50000	0.0	0.0	0.0
	-12.00000	49.00000	0.00000	-3.8638	-0.50000	0.0	0.0	0.0
	-11.00000	49.00000	0.00000	-4.0429	-0.50000	0.0	0.0	0.0
	-10.00000	49.00000	0.00000	-4.2268	-0.50000	0.0	0.0	0.0
	-9.00000	49.00000	0.00000	-4.4151	-0.50000	0.0	0.0	0.0
	-8.00000	49.00000	0.00000	-4.6076	-0.50000	0.0	0.0	0.0
	-7.00000	49.00000	0.00000	-4.8038	-0.50000	0.0	0.0	0.0
	-6.00000	49.00000	0.00000	-5.0032	-0.50000	0.0	0.0	0.0
	-5.00000	49.00000	0.00000	-5.2051	-0.50000	0.0	0.0	0.0
	-4.00000	49.00000	0.00000	-5.4091	-0.50000	0.0	0.0	0.0
	-3.00000	49.00000	0.00000	-5.6143	-0.50000	0.0	0.0	0.0
	-2.00000	49.00000	0.00000	-5.8200	-0.50000	0.0	0.0	0.0
	-1.00000	49.00000	0.00000	-6.0256	-0.50000	0.0	0.0	0.0
	0.00000	49.00000	0.00000	-6.2301	-0.50000	0.0	0.0	0.0
	1.00000	49.00000	0.00000	-6.4327	-0.50000	0.0	0.0	0.0
	2.00000	49.00000	0.00000	-6.6326	-0.50000	0.0	0.0	0.0
	3.00000	49.00000	0.00000	-6.8290	-0.50000	0.0	0.0	0.0
	4.00000	49.00000	0.00000	-7.0210	-0.50000	0.0	0.0	0.0
	5.00000	49.00000	0.00000	-7.2079	-0.50000	0.0	0.0	0.0
	6.00000	49.00000	0.00000	-7.3888	-0.50000	0.0	0.0	0.0
	7.00000	49.00000	0.00000	-7.5632	-0.50000	0.0	0.0	0.0
	8.00000	49.00000	0.00000	-7.7302	-0.50000	0.0	0.0	0.0
	9.00000	49.00000	0.00000	-7.8892	-0.50000	0.0	0.0	0.0
	10.00000	49.00000	0.00000	-8.0396	-0.50000	0.0	0.0	0.0
	11.00000	49.00000	0.00000	-8.1809	-0.50000	0.0	0.0	0.0
	12.00000	49.00000	0.00000	-8.3124	-0.50000	0.0	0.0	0.0
	13.00000	49.00000	0.00000	-8.4337	-0.50000	0.0	0.0	0.0
	14.00000	49.00000	0.00000	-8.5443	-0.50000	0.0	0.0	0.0
	15.00000	49.00000	0.00000	-8.6435	-0.50000	0.0	0.0	0.0
	16.00000	49.00000	0.00000	-8.7310	-0.50000	0.0	0.0	0.0
	17.00000	49.00000	0.00000	-8.8063	-0.50000	0.0	0.0	0.0
	18.00000	49.00000	0.00000	-8.8687	-0.50000	0.0	0.0	0.0
	19.00000	49.00000	0.00000	-8.9178	-0.50000	0.0	0.0	0.0
	20.00000	49.00000	0.00000	-8.9532	-0.50000	0.0	0.0	0.0
	21.00000	49.00000	0.00000	-8.9742	-0.50000	0.0	0.0	0.0
	22.00000	49.00000	0.00000	-8.9805	-0.50000	0.0	0.0	0.0
	23.00000	49.00000	0.00000	-8.9716	-0.50000	0.0	0.0	0.0
	24.00000	49.00000	0.00000	-8.9472	-0.50000	0.0	0.0	0.0
	25.00000	49.00000	0.00000	-8.9070	-0.50000	0.0	0.0	0.0
	26.00000	49.00000	0.00000	-8.8507	-0.50000	0.0	0.0	0.0
	27.00000	49.00000	0.00000	-8.7784	-0.50000	0.0	0.0	0.0
	28.00000	49.00000	0.00000	-8.6901	-0.50000	0.0	0.0	0.0
	29.00000	49.00000	0.00000	-8.5860	-0.50000	0.0	0.0	0.0
	30.00000	49.00000	0.00000	-8.4665	-0.50000	0.0	0.0	0.0
	31.00000	49.00000	0.00000	-8.3320	-0.50000	0.0	0.0	0.0
	32.00000	49.00000	0.00000	-8.1834	-0.50000	0.0	0.0	0.0
	33.00000	49.00000	0.00000	-8.0213	-0.50000	0.0	0.0	0.0
	34.00000	49.00000	0.00000	-7.8468	-0.50000	0.0	0.0	0.0
	35.00000	49.00000	0.00000	-7.6610	-0.50000	0.0	0.0	0.0
	36.00000	49.00000	0.00000	-7.4652	-0.50000	0.0	0.0	0.0
	37.00000	49.00000	0.00000	-7.2605	-0.50000	0.0	0.0	0.0
	38.00000	49.00000	0.00000	-7.0484	-0.50000	0.0	0.0	0.0
	39.00000	49.00000	0.00000	-6.8304	-0.50000	0.0	0.0	0.0
	40.00000	49.00000	0.00000	-6.6078	-0.50000	0.0	0.0	0.0
	41.00000	49.00000	0.00000	-6.3820	-0.50000	0.0	0.0	0.0
	42.00000	49.00000	0.00000	-6.1544	-0.50000	0.0	0.0	0.0
	43.00000	49.00000	0.00000	-5.9263	-0.50000	0.0	0.0	0.0
	44.00000	49.00000	0.00000	-5.6987	-0.50000	0.0	0.0	0.0
	45.00000	49.00000	0.00000	-5.4729	-0.50000	0.0	0.0	0.0
	46.00000	49.00000	0.00000	-5.2497	-0.50000	0.0	0.0	0.0
	47.00000	49.00000	0.00000	-5.0300	-0.50000	0.0	0.0	0.0
	48.00000	49.00000	0.00000	-4.8145	-0.50000	0.0	0.0	0.0
	49.00000	49.00000	0.00000	-4.6039	-0.50000	0.0	0.0	0.0
	50.00000	49.00000	0.00000	-4.3985	-0.50000	0.0	0.0	0.0
	51.00000	49.00000	0.00000	-4.1989	-0.50000	0.0	0.0	0.0
	52.00000	49.00000	0.00000	-4.0052	-0.50000	0.0	0.0	0.0
	53.00000	49.00000	0.00000	-3.8178	-0.50000	0.0	0.0	0.0
	54.00000	49.00000	0.00000	-3.6368	-0.50000	0.0	0.0	0.0
	55.00000	49.00000	0.00000	-3.4622	-0.50000	0.0	0.0	0.0
	56.00000	49.00000	0.00000	-3.2941	-0.50000	0.0	0.0	0.0
	57.00000	49.00000	0.00000	-3.1325	-0.50000	0.0	0.0	0.0
	58.00000	49.00000	0.00000	-2.9774	-0.50000	0.0	0.0	0.0
	59.00000	49.00000	0.00000	-2.8286	-0.50000	0.0	0.0	0.0
	60.00000	49.00000	0.00000	-2.6861	-0.50000	0.0	0.0	0.0
	-20.00000	50.00000	0.00000	-2.5051	-0.50000	0.0	0.0	0.0
	-19.00000	50.00000	0.00000	-2.6324	-0.50000	0.0	0.0	0.0
	-18.00000	50.00000	0.00000	-2.7647	-0.50000	0.0	0.0	0.0
	-17.00000	50.00000	0.00000	-2.9020	-0.50000	0.0	0.0	0.0
	-16.00000	50.00000	0.00000	-3.0443	-0.50000	0.0	0.0	0.0
	-15.00000	50.00000	0.00000	-3.1915	-0.50000	0.0	0.0	0.0
	-14.00000	50.00000	0.00000	-3.3436	-0.50000	0.0	0.0	0.0
	-13.00000	50.00000	0.00000	-3.5004	-0.50000	0.0	0.0	0.0
	-12.00000	50.00000	0.00000	-3.6619	-0.50000	0.0	0.0	0.0
	-11.00000	50.00000	0.00000	-3.8278	-0.50000	0.0	0.0	0.0
	-10.00000	50.00000	0.00000	-3.9979	-0.50000	0.0	0.0	0.0
	-9.00000	50.00000	0.00000	-4.1718	-0.50000	0.0	0.0	0.0
	-8.00000	50.00000	0.00000	-4.3493	-0.50000	0.0	0.0	0.0
	-7.00000	50.00000	0.00000	-4.5299	-0.50000	0.0	0.0	0.0
	-6.00000	50.00000	0.00000	-4.7131	-0.50000	0.0	0.0	0.0
	-5.00000	50.00000	0.00000	-4.8985	-0.50000	0.0	0.0	0.0
	-4.00000	50.00000	0.00000	-5.0854	-0.50000	0.0	0.0	0.0
	-3.00000	50.00000	0.00000	-5.2733	-0.50000	0.0	0.0	0.0
	-2.00000	50.00000	0.00000	-5.4615	-0.50000	0.0	0.0	0.0
	-1.00000	50.00000	0.00000	-5.6494	-0.50000	0.0	0.0	0.0
	0.00000	50.00000	0.00000	-5.8361	-0.50000	0.0	0.0	0.0
	1.00000	50.00000	0.00000	-6.0209	-0.50000	0.0	0.0	0.0
	2.00000	50.00000	0.00000	-6.2032	-0.50000	0.0	0.0	0.0
	3.00000	50.00000	0.00000	-6.3822	-0.50000	0.0	0.0	0.0
	4.00000	50.00000	0.00000	-6.5572	-0.50000	0.0	0.0	0.0
	5.00000	50.00000	0.00000	-6.7273	-0.50000	0.0	0.0	0.0
	6.00000	50.00000	0.00000	-6.8921	-0.50000	0.0	0.0	0.0
	7.00000	50.00000	0.00000	-7.0507	-0.50000	0.0	0.0	0.0
	8.00000	50.00000	0.00000	-7.2026	-0.50000	0.0	0.0	0.0
	9.00000	50.00000	0.00000	-7.3472	-0.50000	0.0	0.0	0.0
	10.00000	50.00000	0.00000	-7.4839	-0.50000	0.0	0.0	0.0
	11.00000	50.00000	0.00000	-7.6121	-0.50000	0.0	0.0	0.0
	12.00000	50.00000	0.00000	-7.7314	-0.50000	0.0	0.0	0.0
	13.00000	50.00000	0.00000	-7.8412	-0.50000	0.0	0.0	0.0
	14.00000	50.00000	0.00000	-7.9410	-0.50000	0.0	0.0	0.0
	15.00000	50.00000	0.00000	-8.0305	-0.50000	0.0	0.0	0.0
	16.00000	50.00000	0.00000	-8.1091	-0.50000	0.0	0.0	0.0
	17.00000	50.00000	0.00000	-8.1763	-0.50000	0.0	0.0	0.0
	18.00000	50.00000	0.00000	-8.2318	-0.50000	0.0	0.0	0.0
	19.00000	50.00000	0.00000	-8.2751	-0.50000	0.0	0.0	0.0
	20.00000	50.00000	0.00000	-8.3057	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	21.00000	50.00000	0.00000	-8.3232	-0.50000	0.0	0.0	0.0
	22.00000	50.00000	0.00000	-8.3273	-0.50000	0.0	0.0	0.0
	23.00000	50.00000	0.00000	-8.3177	-0.50000	0.0	0.0	0.0
	24.00000	50.00000	0.00000	-8.2940	-0.50000	0.0	0.0	0.0
	25.00000	50.00000	0.00000	-8.2561	-0.50000	0.0	0.0	0.0
	26.00000	50.00000	0.00000	-8.2038	-0.50000	0.0	0.0	0.0
	27.00000	50.00000	0.00000	-8.1372	-0.50000	0.0	0.0	0.0
	28.00000	50.00000	0.00000	-8.0563	-0.50000	0.0	0.0	0.0
	29.00000	50.00000	0.00000	-7.9613	-0.50000	0.0	0.0	0.0
	30.00000	50.00000	0.00000	-7.8526	-0.50000	0.0	0.0	0.0
	31.00000	50.00000	0.00000	-7.7307	-0.50000	0.0	0.0	0.0
	32.00000	50.00000	0.00000	-7.5961	-0.50000	0.0	0.0	0.0
	33.00000	50.00000	0.00000	-7.4497	-0.50000	0.0	0.0	0.0
	34.00000	50.00000	0.00000	-7.2922	-0.50000	0.0	0.0	0.0
	35.00000	50.00000	0.00000	-7.1246	-0.50000	0.0	0.0	0.0
	36.00000	50.00000	0.00000	-6.9480	-0.50000	0.0	0.0	0.0
	37.00000	50.00000	0.00000	-6.7635	-0.50000	0.0	0.0	0.0
	38.00000	50.00000	0.00000	-6.5722	-0.50000	0.0	0.0	0.0
	39.00000	50.00000	0.00000	-6.3755	-0.50000	0.0	0.0	0.0
	40.00000	50.00000	0.00000	-6.1744	-0.50000	0.0	0.0	0.0
	41.00000	50.00000	0.00000	-5.9702	-0.50000	0.0	0.0	0.0
	42.00000	50.00000	0.00000	-5.7641	-0.50000	0.0	0.0	0.0
	43.00000	50.00000	0.00000	-5.5571	-0.50000	0.0	0.0	0.0
	44.00000	50.00000	0.00000	-5.3503	-0.50000	0.0	0.0	0.0
	45.00000	50.00000	0.00000	-5.1446	-0.50000	0.0	0.0	0.0
	46.00000	50.00000	0.00000	-4.9410	-0.50000	0.0	0.0	0.0
	47.00000	50.00000	0.00000	-4.7400	-0.50000	0.0	0.0	0.0
	48.00000	50.00000	0.00000	-4.5426	-0.50000	0.0	0.0	0.0
	49.00000	50.00000	0.00000	-4.3490	-0.50000	0.0	0.0	0.0
	50.00000	50.00000	0.00000	-4.1600	-0.50000	0.0	0.0	0.0
	51.00000	50.00000	0.00000	-3.9758	-0.50000	0.0	0.0	0.0
	52.00000	50.00000	0.00000	-3.7967	-0.50000	0.0	0.0	0.0
	53.00000	50.00000	0.00000	-3.6231	-0.50000	0.0	0.0	0.0
	54.00000	50.00000	0.00000	-3.4550	-0.50000	0.0	0.0	0.0
	55.00000	50.00000	0.00000	-3.2926	-0.50000	0.0	0.0	0.0
	56.00000	50.00000	0.00000	-3.1359	-0.50000	0.0	0.0	0.0
	57.00000	50.00000	0.00000	-2.9850	-0.50000	0.0	0.0	0.0
	58.00000	50.00000	0.00000	-2.8398	-0.50000	0.0	0.0	0.0
	59.00000	50.00000	0.00000	-2.7004	-0.50000	0.0	0.0	0.0
	60.00000	50.00000	0.00000	-2.5665	-0.50000	0.0	0.0	0.0
Grid 2	-20.00000	-20.00000	-8.50000	-2.4419	-8.9310	-26.234E-6	-0.23209	1.7837E-6
	-19.00000	-20.00000	-8.50000	-2.5659	-8.9310	-28.548E-6	-0.24321	1.8691E-6
	-18.00000	-20.00000	-8.50000	-2.6948	-8.9310	-31.081E-6	-0.25491	1.9589E-6
	-17.00000	-20.00000	-8.50000	-2.8287	-8.9310	-33.855E-6	-0.26721	2.0535E-6
	-16.00000	-20.00000	-8.50000	-2.9676	-8.9310	-36.889E-6	-0.28015	2.1528E-6
	-15.00000	-20.00000	-8.50000	-3.1114	-8.9310	-40.206E-6	-0.29373	2.2571E-6
	-14.00000	-20.00000	-8.50000	-3.2602	-8.9310	-43.827E-6	-0.30797	2.3665E-6
	-13.00000	-20.00000	-8.50000	-3.4137	-8.9310	-47.774E-6	-0.32290	2.4810E-6
	-12.00000	-20.00000	-8.50000	-3.5721	-8.9310	-52.069E-6	-0.33851	2.6009E-6
	-11.00000	-20.00000	-8.50000	-3.7349	-8.9310	-56.733E-6	-0.35481	2.7261E-6
	-10.00000	-20.00000	-8.50000	-3.9022	-8.9310	-61.782E-6	-0.37180	2.8565E-6
	-9.00000	-20.00000	-8.50000	-4.0735	-8.9310	-67.231E-6	-0.38947	2.9921E-6
	-8.00000	-20.00000	-8.50000	-4.2485	-8.9310	-73.090E-6	-0.40779	3.1328E-6
	-7.00000	-20.00000	-8.50000	-4.4269	-8.9310	-79.363E-6	-0.42675	3.2782E-6
	-6.00000	-20.00000	-8.50000	-4.6082	-8.9310	-86.047E-6	-0.44629	3.4282E-6
	-5.00000	-20.00000	-8.50000	-4.7919	-8.9310	-93.128E-6	-0.46636	3.5822E-6
	-4.00000	-20.00000	-8.50000	-4.9774	-8.9310	-100.58E-6	-0.48689	3.7398E-6
	-3.00000	-20.00000	-8.50000	-5.1640	-8.9310	-108.38E-6	-0.50781	3.9003E-6
	-2.00000	-20.00000	-8.50000	-5.3510	-8.9310	-116.48E-6	-0.52902	4.0630E-6
	-1.00000	-20.00000	-8.50000	-5.5377	-8.9310	-124.82E-6	-0.55041	4.2271E-6
	0.00000	-20.00000	-8.50000	-5.7232	-8.9310	-133.34E-6	-0.57187	4.3918E-6
	1.00000	-20.00000	-8.50000	-5.9066	-8.9310	-141.96E-6	-0.59327	4.5560E-6
	2.00000	-20.00000	-8.50000	-6.0872	-8.9310	-150.61E-6	-0.61447	4.7187E-6
	3.00000	-20.00000	-8.50000	-6.2639	-8.9310	-159.20E-6	-0.63536	4.8789E-6
	4.00000	-20.00000	-8.50000	-6.4359	-8.9310	-167.64E-6	-0.65577	5.0355E-6
	5.00000	-20.00000	-8.50000	-6.6023	-8.9310	-175.86E-6	-0.67559	5.1875E-6
	6.00000	-20.00000	-8.50000	-6.7621	-8.9310	-183.78E-6	-0.69468	5.3339E-6
	7.00000	-20.00000	-8.50000	-6.9146	-8.9310	-191.33E-6	-0.71291	5.4738E-6
	8.00000	-20.00000	-8.50000	-7.0590	-8.9310	-198.45E-6	-0.73018	5.6063E-6
	9.00000	-20.00000	-8.50000	-7.1944	-8.9310	-205.09E-6	-0.74638	5.7306E-6
	10.00000	-20.00000	-8.50000	-7.3203	-8.9310	-211.21E-6	-0.76142	5.8460E-6
	11.00000	-20.00000	-8.50000	-7.4359	-8.9310	-216.79E-6	-0.77522	5.9519E-6
	12.00000	-20.00000	-8.50000	-7.5407	-8.9310	-221.79E-6	-0.78771	6.0477E-6
	13.00000	-20.00000	-8.50000	-7.6343	-8.9310	-226.21E-6	-0.79884	6.1330E-6
	14.00000	-20.00000	-8.50000	-7.7160	-8.9310	-230.04E-6	-0.80855	6.2075E-6
	15.00000	-20.00000	-8.50000	-7.7857	-8.9310	-233.27E-6	-0.81681	6.2709E-6
	16.00000	-20.00000	-8.50000	-7.8429	-8.9310	-235.91E-6	-0.82359	6.3229E-6
	17.00000	-20.00000	-8.50000	-7.8875	-8.9310	-237.95E-6	-0.82886	6.3634E-6
	18.00000	-20.00000	-8.50000	-7.9192	-8.9310	-239.40E-6	-0.83261	6.3921E-6
	19.00000	-20.00000	-8.50000	-7.9378	-8.9310	-240.26E-6	-0.83482	6.4091E-6
	20.00000	-20.00000	-8.50000	-7.9434	-8.9310	-240.53E-6	-0.83550	6.4143E-6
	21.00000	-20.00000	-8.50000	-7.9359	-8.9310	-240.21E-6	-0.83464	6.4077E-6
	22.00000	-20.00000	-8.50000	-7.9153	-8.9310	-239.31E-6	-0.83224	6.3893E-6
	23.00000	-20.00000	-8.50000	-7.8816	-8.9310	-237.81E-6	-0.82830	6.3591E-6
	24.00000	-20.00000	-8.50000	-7.8352	-8.9310	-235.73E-6	-0.82285	6.3172E-6
	25.00000	-20.00000	-8.50000	-7.7761	-8.9310	-233.05E-6	-0.81589	6.2639E-6
	26.00000	-20.00000	-8.50000	-7.7045	-8.9310	-229.77E-6	-0.80746	6.1991E-6
	27.00000	-20.00000	-8.50000	-7.6210	-8.9310	-225.90E-6	-0.79757	6.1233E-6
	28.00000	-20.00000	-8.50000	-7.5257	-8.9310	-221.44E-6	-0.78628	6.0367E-6
	29.00000	-20.00000	-8.50000	-7.4191	-8.9310	-216.40E-6	-0.77363	5.9396E-6
	30.00000	-20.00000	-8.50000	-7.3019	-8.9310	-210.79E-6	-0.75967	5.8326E-6
	31.00000	-20.00000	-8.50000	-7.1744	-8.9310	-204.63E-6	-0.74449	5.7160E-6
	32.00000	-20.00000	-8.50000	-7.0375	-8.9310	-197.96E-6	-0.72815	5.5907E-6
	33.00000	-20.00000	-8.50000	-6.8917	-8.9310	-190.81E-6	-0.71075	5.4572E-6
	34.00000	-20.00000	-8.50000	-6.7379	-8.9310	-183.23E-6	-0.69239	5.3164E-6
	35.00000	-20.00000	-8.50000	-6.5768	-8.9310	-175.28E-6	-0.67319	5.1691E-6
	36.00000	-20.00000	-8.50000	-6.4093	-8.9310	-167.04E-6	-0.65327	5.0163E-6
	37.00000	-20.00000	-8.50000	-6.2363	-8.9310	-158.58E-6	-0.63276	4.8589E-6
	38.00000	-20.00000	-8.50000	-6.0586	-8.9310	-149.98E-6	-0.61180	4.6981E-6
	39.00000	-20.00000	-8.50000	-5.8773	-8.9310	-141.32E-6	-0.59052	4.5349E-6
	40.00000	-20.00000	-8.50000	-5.6931	-8.9310	-132.69E-6	-0.56906	4.3703E-6
	41.00000	-20.00000	-8.50000	-5.5070	-8.9310	-124.16E-6	-0.54756	4.2053E-6
	42.00000	-20.00000	-8.50000	-5.3198	-8.9310	-115.82E-6	-0.52613	4.0409E-6
	43.00000	-20.00000	-8.50000	-5.1324	-8.9310	-107.72E-6	-0.50490	3.8780E-6
	44.00000	-20.00000	-8.50000	-4.9455	-8.9310	-99.926E-6	-0.48397	3.7173E-6
	45.00000	-20.00000	-8.50000	-4.7599	-8.9310	-92.475E-6	-0.46343	3.5598E-6
	46.00000	-20.00000	-8.50000	-4.5761	-8.9310	-85.403E-6	-0.44337	3.4058E-6
	47.00000	-20.00000	-8.50000	-4.3948	-8.9310	-78.730E-6	-0.42385	3.2560E-6
	48.00000	-20.00000	-8.50000	-4.2165	-8.9310	-72.471E-6	-0.40492	3.1107E-6
	49.00000	-20.00000	-8.50000	-4.0417	-8.9310	-66.627E-6	-0.38663	2.9703E-6
	50.00000	-20.00000	-8.50000	-3.8707	-8.9310	-61.195E-6	-0.36900	2.8350E-6
	51.00000	-20.00000	-8.50000	-3.7038	-8.9310	-56.164E-6	-0.35206	2.7049E-6
	52.00000	-20.00000	-8.50000	-3.5413	-8.9310	-51.521E-6	-0.33581	2.5802E-6
	53.00000	-20.00000	-8.50000	-3.3835	-8.9310	-47.246E-6	-0.32026	2.4608E-6
	54.00000	-20.00000	-8.50000	-3.2305	-8.9310	-43.320E-6	-0.30540	2.3467E-6
	55.00000	-20.00000	-8.50000	-3.0823	-8.9310	-39.721E-6	-0.29123	2.2379E-6
	56.00000	-20.00000	-8.50000	-2.9391	-8.9310	-36.426E-6	-0.27772	2.1341E-6
	57.00000	-20.00000	-8.50000	-2.8009	-8.9310	-33.414E-6	-0.26486	2.0354E-6
	58.00000	-20.00000	-8.50000	-2.6678	-8.9310	-30.663E-6	-0.25263	1.9414E-6
	59.00000	-20.00000	-8.50000	-2.5396	-8.9310	-28.151E-6	-0.24101	1.8522E-6
	60.00000	-20.00000	-8.50000	-2.4163	-8.9310	-25.859E-6	-0.22996	1.7674E-6
	-20.00000	-19.00000	-8.50000	-2.5572

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	0.00000	-19.00000	-8.50000	-6.1130	-8.9310	-156.43E-6	-0.62099	4.7685E-6
	1.00000	-19.00000	-8.50000	-6.3149	-8.9310	-167.13E-6	-0.64546	4.9562E-6
	2.00000	-19.00000	-8.50000	-6.5138	-8.9310	-177.88E-6	-0.66975	5.1425E-6
	3.00000	-19.00000	-8.50000	-6.7087	-8.9310	-188.57E-6	-0.69368	5.3261E-6
	4.00000	-19.00000	-8.50000	-6.8984	-8.9310	-199.08E-6	-0.71710	5.5057E-6
	5.00000	-19.00000	-8.50000	-7.0820	-8.9310	-209.30E-6	-0.73984	5.6801E-6
	6.00000	-19.00000	-8.50000	-7.2585	-8.9310	-219.13E-6	-0.76174	5.8481E-6
	7.00000	-19.00000	-8.50000	-7.4269	-8.9310	-228.49E-6	-0.78265	6.0085E-6
	8.00000	-19.00000	-8.50000	-7.5863	-8.9310	-237.29E-6	-0.80245	6.1603E-6
	9.00000	-19.00000	-8.50000	-7.7358	-8.9310	-245.48E-6	-0.82101	6.3026E-6
	10.00000	-19.00000	-8.50000	-7.8748	-8.9310	-253.00E-6	-0.83822	6.4347E-6
	11.00000	-19.00000	-8.50000	-8.0024	-8.9310	-259.83E-6	-0.85400	6.5557E-6
	12.00000	-19.00000	-8.50000	-8.1181	-8.9310	-265.94E-6	-0.86826	6.6651E-6
	13.00000	-19.00000	-8.50000	-8.2213	-8.9310	-271.31E-6	-0.88096	6.7625E-6
	14.00000	-19.00000	-8.50000	-8.3115	-8.9310	-275.96E-6	-0.89202	6.8474E-6
	15.00000	-19.00000	-8.50000	-8.3884	-8.9310	-279.87E-6	-0.90143	6.9195E-6
	16.00000	-19.00000	-8.50000	-8.4515	-8.9310	-283.05E-6	-0.90914	6.9787E-6
	17.00000	-19.00000	-8.50000	-8.5006	-8.9310	-285.51E-6	-0.91514	7.0247E-6
	18.00000	-19.00000	-8.50000	-8.5355	-8.9310	-287.25E-6	-0.91940	7.0574E-6
	19.00000	-19.00000	-8.50000	-8.5561	-8.9310	-288.29E-6	-0.92192	7.0767E-6
	20.00000	-19.00000	-8.50000	-8.5622	-8.9310	-288.61E-6	-0.92269	7.0827E-6
	21.00000	-19.00000	-8.50000	-8.5539	-8.9310	-288.24E-6	-0.92171	7.0751E-6
	22.00000	-19.00000	-8.50000	-8.5312	-8.9310	-287.15E-6	-0.91899	7.0542E-6
	23.00000	-19.00000	-8.50000	-8.4942	-8.9310	-285.35E-6	-0.91452	7.0199E-6
	24.00000	-19.00000	-8.50000	-8.4430	-8.9310	-282.84E-6	-0.90832	6.9724E-6
	25.00000	-19.00000	-8.50000	-8.3778	-8.9310	-279.61E-6	-0.90041	6.9117E-6
	26.00000	-19.00000	-8.50000	-8.2990	-8.9310	-275.65E-6	-0.89081	6.8380E-6
	27.00000	-19.00000	-8.50000	-8.2068	-8.9310	-270.96E-6	-0.87955	6.7517E-6
	28.00000	-19.00000	-8.50000	-8.1017	-8.9310	-265.53E-6	-0.86667	6.6529E-6
	29.00000	-19.00000	-8.50000	-7.9841	-8.9310	-259.38E-6	-0.85222	6.5420E-6
	30.00000	-19.00000	-8.50000	-7.8547	-8.9310	-252.51E-6	-0.83627	6.4197E-6
	31.00000	-19.00000	-8.50000	-7.7140	-8.9310	-244.94E-6	-0.81889	6.2864E-6
	32.00000	-19.00000	-8.50000	-7.5628	-8.9310	-236.72E-6	-0.80018	6.1429E-6
	33.00000	-19.00000	-8.50000	-7.4019	-8.9310	-227.88E-6	-0.78024	5.9899E-6
	34.00000	-19.00000	-8.50000	-7.2321	-8.9310	-218.49E-6	-0.75919	5.8285E-6
	35.00000	-19.00000	-8.50000	-7.0542	-8.9310	-208.63E-6	-0.73716	5.6595E-6
	36.00000	-19.00000	-8.50000	-6.8694	-8.9310	-198.38E-6	-0.71431	5.4843E-6
	37.00000	-19.00000	-8.50000	-6.6785	-8.9310	-187.85E-6	-0.69079	5.3039E-6
	38.00000	-19.00000	-8.50000	-6.4827	-8.9310	-177.15E-6	-0.66677	5.1196E-6
	39.00000	-19.00000	-8.50000	-6.2829	-8.9310	-166.38E-6	-0.64241	4.9328E-6
	40.00000	-19.00000	-8.50000	-6.0803	-8.9310	-155.67E-6	-0.61787	4.7446E-6
	41.00000	-19.00000	-8.50000	-5.8757	-8.9310	-145.11E-6	-0.59333	4.5563E-6
	42.00000	-19.00000	-8.50000	-5.6702	-8.9310	-134.81E-6	-0.56893	4.3691E-6
	43.00000	-19.00000	-8.50000	-5.4647	-8.9310	-124.85E-6	-0.54480	4.1840E-6
	44.00000	-19.00000	-8.50000	-5.2602	-8.9310	-115.30E-6	-0.52108	4.0021E-6
	45.00000	-19.00000	-8.50000	-5.0573	-8.9310	-106.22E-6	-0.49788	3.8240E-6
	46.00000	-19.00000	-8.50000	-4.8568	-8.9310	-97.649E-6	-0.47528	3.6506E-6
	47.00000	-19.00000	-8.50000	-4.6593	-8.9310	-89.606E-6	-0.45336	3.4824E-6
	48.00000	-19.00000	-8.50000	-4.4655	-8.9310	-82.104E-6	-0.43218	3.3199E-6
	49.00000	-19.00000	-8.50000	-4.2758	-8.9310	-75.142E-6	-0.41178	3.1633E-6
	50.00000	-19.00000	-8.50000	-4.0905	-8.9310	-68.709E-6	-0.39218	3.0129E-6
	51.00000	-19.00000	-8.50000	-3.9101	-8.9310	-62.788E-6	-0.37342	2.8689E-6
	52.00000	-19.00000	-8.50000	-3.7348	-8.9310	-57.355E-6	-0.35548	2.7312E-6
	53.00000	-19.00000	-8.50000	-3.5648	-8.9310	-52.383E-6	-0.33837	2.5998E-6
	54.00000	-19.00000	-8.50000	-3.4002	-8.9310	-47.842E-6	-0.32207	2.4747E-6
	55.00000	-19.00000	-8.50000	-3.2412	-8.9310	-43.702E-6	-0.30657	2.3556E-6
	56.00000	-19.00000	-8.50000	-3.0878	-8.9310	-39.933E-6	-0.29184	2.2426E-6
	57.00000	-19.00000	-8.50000	-2.9400	-8.9310	-36.505E-6	-0.27787	2.1352E-6
	58.00000	-19.00000	-8.50000	-2.7978	-8.9310	-33.389E-6	-0.26461	2.0335E-6
	59.00000	-19.00000	-8.50000	-2.6611	-8.9310	-30.557E-6	-0.25205	1.9370E-6
	60.00000	-19.00000	-8.50000	-2.5298	-8.9310	-27.985E-6	-0.24015	1.8456E-6
	-20.00000	-18.00000	-8.50000	-2.6763	-8.9310	-30.763E-6	-0.25328	1.9464E-6
	-19.00000	-18.00000	-8.50000	-2.8169	-8.9310	-33.679E-6	-0.26621	2.0457E-6
	-18.00000	-18.00000	-8.50000	-2.9635	-8.9310	-36.903E-6	-0.27989	2.1508E-6
	-17.00000	-18.00000	-8.50000	-3.1162	-8.9310	-40.466E-6	-0.29436	2.2619E-6
	-16.00000	-18.00000	-8.50000	-3.2752	-8.9310	-44.404E-6	-0.30965	2.3793E-6
	-15.00000	-18.00000	-8.50000	-3.4404	-8.9310	-48.753E-6	-0.32581	2.5034E-6
	-14.00000	-18.00000	-8.50000	-3.6118	-8.9310	-53.554E-6	-0.34287	2.6343E-6
	-13.00000	-18.00000	-8.50000	-3.7894	-8.9310	-58.848E-6	-0.36085	2.7724E-6
	-12.00000	-18.00000	-8.50000	-3.9732	-8.9310	-64.678E-6	-0.37979	2.9178E-6
	-11.00000	-18.00000	-8.50000	-4.1630	-8.9310	-71.083E-6	-0.39976	3.0706E-6
	-10.00000	-18.00000	-8.50000	-4.3586	-8.9310	-78.106E-6	-0.42060	3.2310E-6
	-9.00000	-18.00000	-8.50000	-4.5598	-8.9310	-85.781E-6	-0.44248	3.3989E-6
	-8.00000	-18.00000	-8.50000	-4.7661	-8.9310	-94.140E-6	-0.46534	3.5744E-6
	-7.00000	-18.00000	-8.50000	-4.9772	-8.9310	-103.20E-6	-0.48915	3.7571E-6
	-6.00000	-18.00000	-8.50000	-5.1925	-8.9310	-112.98E-6	-0.51387	3.9467E-6
	-5.00000	-18.00000	-8.50000	-5.4114	-8.9310	-123.46E-6	-0.53943	4.1428E-6
	-4.00000	-18.00000	-8.50000	-5.6332	-8.9310	-134.62E-6	-0.56576	4.3447E-6
	-3.00000	-18.00000	-8.50000	-5.8572	-8.9310	-146.41E-6	-0.59274	4.5517E-6
	-2.00000	-18.00000	-8.50000	-6.0823	-8.9310	-158.77E-6	-0.62024	4.7627E-6
	-1.00000	-18.00000	-8.50000	-6.3077	-8.9310	-171.61E-6	-0.64813	4.9765E-6
	0.00000	-18.00000	-8.50000	-6.5323	-8.9310	-184.80E-6	-0.67622	5.1920E-6
	1.00000	-18.00000	-8.50000	-6.7548	-8.9310	-198.23E-6	-0.70434	5.4076E-6
	2.00000	-18.00000	-8.50000	-6.9743	-8.9310	-211.73E-6	-0.73229	5.6219E-6
	3.00000	-18.00000	-8.50000	-7.1895	-8.9310	-225.17E-6	-0.75986	5.8333E-6
	4.00000	-18.00000	-8.50000	-7.3991	-8.9310	-238.37E-6	-0.78685	6.0403E-6
	5.00000	-18.00000	-8.50000	-7.6021	-8.9310	-251.20E-6	-0.81307	6.2413E-6
	6.00000	-18.00000	-8.50000	-7.7973	-8.9310	-263.53E-6	-0.83831	6.4349E-6
	7.00000	-18.00000	-8.50000	-7.9835	-8.9310	-275.22E-6	-0.86240	6.6196E-6
	8.00000	-18.00000	-8.50000	-8.1598	-8.9310	-286.19E-6	-0.88519	6.7943E-6
	9.00000	-18.00000	-8.50000	-8.3252	-8.9310	-296.35E-6	-0.90653	6.9580E-6
	10.00000	-18.00000	-8.50000	-8.4788	-8.9310	-305.66E-6	-0.92629	7.1096E-6
	11.00000	-18.00000	-8.50000	-8.6199	-8.9310	-314.07E-6	-0.94439	7.2483E-6
	12.00000	-18.00000	-8.50000	-8.7477	-8.9310	-321.57E-6	-0.96073	7.3737E-6
	13.00000	-18.00000	-8.50000	-8.8616	-8.9310	-328.14E-6	-0.97525	7.4850E-6
	14.00000	-18.00000	-8.50000	-8.9612	-8.9310	-333.80E-6	-0.98790	7.5820E-6
	15.00000	-18.00000	-8.50000	-9.0460	-8.9310	-338.54E-6	-0.99863	7.6644E-6
	16.00000	-18.00000	-8.50000	-9.1157	-8.9310	-342.39E-6	-1.0074	7.7318E-6
	17.00000	-18.00000	-8.50000	-9.1698	-8.9310	-345.37E-6	-1.0143	7.7842E-6
	18.00000	-18.00000	-8.50000	-9.2084	-8.9310	-347.47E-6	-1.0191	7.8214E-6
	19.00000	-18.00000	-8.50000	-9.2311	-8.9310	-348.71E-6	-1.0220	7.8434E-6
	20.00000	-18.00000	-8.50000	-9.2379	-8.9310	-349.11E-6	-1.0229	7.8502E-6
	21.00000	-18.00000	-8.50000	-9.2287	-8.9310	-348.65E-6	-1.0217	7.8416E-6
	22.00000	-18.00000	-8.50000	-9.2037	-8.9310	-347.35E-6	-1.0186	7.8179E-6
	23.00000	-18.00000	-8.50000	-9.1629	-8.9310	-345.18E-6	-1.0136	7.7789E-6
	24.00000	-18.00000	-8.50000	-9.1064	-8.9310	-342.15E-6	-1.0065	7.7247E-6
	25.00000	-18.00000	-8.50000	-9.0345	-8.9310	-338.24E-6	-0.99749	7.6556E-6
	26.00000	-18.00000	-8.50000	-8.9475	-8.9310	-333.44E-6	-0.98653	7.5716E-6
	27.00000	-18.00000	-8.50000	-8.8458	-8.9310	-327.73E-6	-0.97367	7.4729E-6
	28.00000	-18.00000	-8.50000	-8.7297	-8.9310	-321.10E-6	-0.95895	7.3600E-6
	29.00000	-18.00000	-8.50000	-8.5999	-8.9310	-313.55E-6	-0.94240	7.2331E-6
	30.00000	-18.00000	-8.50000	-8.4569	-8.9310	-305.09E-6	-0.92412	7.0928E-6
	31.00000	-18.00000	-8.50000	-8.3014	-8.9310	-295.73E-6	-0.90416	6.9398E-6
	32.00000	-18.00000	-8.50000	-8.1342	-8.9310	-285.52E-6	-0.88265	6.7749E-6
	33.00000	-18.00000	-8.50000	-7.9562	-8.9310	-274.51E-6	-0.85970	6.5989E-6
	34.00000	-18.00000	-8.50000	-7.7684	-8.9310	-262.78E-6	-0.83546	6.4130E-6
	35.00000	-18.00000	-8.50000	-7.5718	-8.9310	-250.42E-6	-0.81007	6.2183E-6
	36.00000	-18.00000	-8.50000	-7.3675	-8.9310	-237.56E-6	-0.78374	6.0164E-6
	37.00000	-18.00000	-8.50000	-7.1566	-8.9310	-224.33E-6	-0.75663	5.8085E-6
	38.00000	-18.00000	-8.50000	-6.9404	-8.9310	-210.87E-6	-0.72896	5.5964E-6
	39.00000	-18.00000	-8.50000	-6.7199	-8.9310	-197.35E-6	-0.70093	5.3814E-6
	40.00000	-18.00000	-8.50000	-6.4965	-8.9310	-183.92E-6	-0.67274	5.1653E-6
	41.00000	-18.00000	-8.50000	-6.2713	-8.9310	-170.72E-6	-0.64460	4.9494E-6
	42.00000	-18.00000	-8.50000	-6.0454	-8.9310	-157.88E-6	-0.61667	4.7353E-6
	43.00000	-18.00000	-8.50000	-5.8198	-8.9310	-145.52E-6	-0.58914	4.5241E-6
	44.00000	-18.00000	-8.50000	-5.5956	-8.9310	-133.73E-6	-0.56216	4.3171E-6
	45.00000	-18.00000	-8.50000	-5.3736	-8.9310	-122.58E-6	-0.53584	4.1152E-6
	46.00000	-18.00000	-8.50000	-5.1546	-8.9310	-112.11E-6	-0.51029	3.9192E-6
	47.00000	-18.00000	-8.50000	-4.9394	-8.9310	-102.36E-6	-0.48560	3.7298E-6
	48.00000	-18.00000	-8.50000	-4.7285	-8.9310	-93.316E-6	-0.46183	3.5474E-6
	49.00000	-18.00000	-8.50000	-4.5225	-8.9310	-84.982E-6	-0.43902	3.3724E-6
	50.00000	-18.00000	-8.50000	-4.3218	-8.9310	-77.332E-6	-0.41720	3.2049E-6
	51.00000	-18.00000	-8.50000	-4.1267	-8.9310	-70.337E-6	-0.39637	3.0451E-6
	52.00000	-18.00000	-8.50000	-3.9374	-8.9310	-63.960E-6	-0.37654	2.8928E-6
	53.00000	-18.00000	-8.50000	-3.7543	-8.9310	-58.161E-6	-0.35768	2.7481E-6
	54.00000	-18.00000	-8.50000	-3.5773	-8.9310	-52.898E-6	-0.33979	2.6107E-6
	55.00000	-18.00000	-8.50000	-3.4067	-8.9310	-48.128E-6	-0.32282	2.4805E-6
	56.00000	-18.00000	-8.50000	-3.2423	-8.9310	-43.810E-6	-0.30676	2.3571E-6
	57.00000	-18.00000	-8.50000	-3.0842	-8.9310	-39.903E-6	-0.29156	2.2404E-6
	58.00000	-18.00000	-8.50000	-2.9324	-8.9310	-36.371E-6	-0.27719	2.1301E-6
	59.00000	-18.00000	-8.50000	-2.7867	-8.9310	-33.178E-6	-0.26361	2.0258E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	60.00000	-18.00000	-8.50000	-2.6471	-8.9310	-30.290E-6	-0.25078	1.9273E-6
	-20.00000	-17.00000	-8.50000	-2.7992	-8.9310	-33.317E-6	-0.26458	2.0332E-6
	-19.00000	-17.00000	-8.50000	-2.9487	-8.9310	-36.593E-6	-0.27853	2.1403E-6
	-18.00000	-17.00000	-8.50000	-3.1050	-8.9310	-40.232E-6	-0.29333	2.2540E-6
	-17.00000	-17.00000	-8.50000	-3.2680	-8.9310	-44.275E-6	-0.30902	2.3745E-6
	-16.00000	-17.00000	-8.50000	-3.4380	-8.9310	-48.767E-6	-0.32567	2.5023E-6
	-15.00000	-17.00000	-8.50000	-3.6150	-8.9310	-53.758E-6	-0.34331	2.6378E-6
	-14.00000	-17.00000	-8.50000	-3.7990	-8.9310	-59.301E-6	-0.36200	2.7812E-6
	-13.00000	-17.00000	-8.50000	-3.9901	-8.9310	-65.451E-6	-0.38177	2.9330E-6
	-12.00000	-17.00000	-8.50000	-4.1881	-8.9310	-72.268E-6	-0.40267	3.0934E-6
	-11.00000	-17.00000	-8.50000	-4.3930	-8.9310	-79.811E-6	-0.42473	3.2627E-6
	-10.00000	-17.00000	-8.50000	-4.6047	-8.9310	-88.140E-6	-0.44797	3.4410E-6
	-9.00000	-17.00000	-8.50000	-4.8228	-8.9310	-97.308E-6	-0.47240	3.6285E-6
	-8.00000	-17.00000	-8.50000	-5.0470	-8.9310	-107.37E-6	-0.49803	3.8252E-6
	-7.00000	-17.00000	-8.50000	-5.2768	-8.9310	-118.35E-6	-0.52483	4.0308E-6
	-6.00000	-17.00000	-8.50000	-5.5118	-8.9310	-130.29E-6	-0.55277	4.2451E-6
	-5.00000	-17.00000	-8.50000	-5.7512	-8.9310	-143.18E-6	-0.58178	4.4675E-6
	-4.00000	-17.00000	-8.50000	-5.9942	-8.9310	-157.00E-6	-0.61176	4.6975E-6
	-3.00000	-17.00000	-8.50000	-6.2401	-8.9310	-171.70E-6	-0.64259	4.9340E-6
	-2.00000	-17.00000	-8.50000	-6.4877	-8.9310	-187.19E-6	-0.67414	5.1758E-6
	-1.00000	-17.00000	-8.50000	-6.7359	-8.9310	-203.35E-6	-0.70621	5.4217E-6
	0.00000	-17.00000	-8.50000	-6.9836	-8.9310	-220.04E-6	-0.73860	5.6701E-6
	1.00000	-17.00000	-8.50000	-7.2294	-8.9310	-237.06E-6	-0.77109	5.9191E-6
	2.00000	-17.00000	-8.50000	-7.4721	-8.9310	-254.22E-6	-0.80343	6.1671E-6
	3.00000	-17.00000	-8.50000	-7.7101	-8.9310	-271.30E-6	-0.83537	6.4119E-6
	4.00000	-17.00000	-8.50000	-7.9423	-8.9310	-288.08E-6	-0.86665	6.6517E-6
	5.00000	-17.00000	-8.50000	-8.1671	-8.9310	-304.36E-6	-0.89703	6.8846E-6
	6.00000	-17.00000	-8.50000	-8.3833	-8.9310	-319.96E-6	-0.92627	7.1088E-6
	7.00000	-17.00000	-8.50000	-8.5896	-8.9310	-334.72E-6	-0.95416	7.3226E-6
	8.00000	-17.00000	-8.50000	-8.7849	-8.9310	-348.50E-6	-0.98051	7.5245E-6
	9.00000	-17.00000	-8.50000	-8.9680	-8.9310	-361.22E-6	-1.0051	7.7134E-6
	10.00000	-17.00000	-8.50000	-9.1381	-8.9310	-372.81E-6	-1.0279	7.8881E-6
	11.00000	-17.00000	-8.50000	-9.2942	-8.9310	-383.24E-6	-1.0488	8.0478E-6
	12.00000	-17.00000	-8.50000	-9.4355	-8.9310	-392.48E-6	-1.0675	8.1917E-6
	13.00000	-17.00000	-8.50000	-9.5615	-8.9310	-400.50E-6	-1.0842	8.3194E-6
	14.00000	-17.00000	-8.50000	-9.6715	-8.9310	-407.47E-6	-1.0987	8.4305E-6
	15.00000	-17.00000	-8.50000	-9.7652	-8.9310	-413.25E-6	-1.1109	8.5246E-6
	16.00000	-17.00000	-8.50000	-9.8420	-8.9310	-417.93E-6	-1.1210	8.6016E-6
	17.00000	-17.00000	-8.50000	-9.9018	-8.9310	-421.53E-6	-1.1288	8.6614E-6
	18.00000	-17.00000	-8.50000	-9.9443	-8.9310	-424.07E-6	-1.1343	8.7039E-6
	19.00000	-17.00000	-8.50000	-9.9694	-8.9310	-425.57E-6	-1.1376	8.7290E-6
	20.00000	-17.00000	-8.50000	-9.9769	-8.9310	-426.04E-6	-1.1386	8.7367E-6
	21.00000	-17.00000	-8.50000	-9.9668	-8.9310	-425.50E-6	-1.1373	8.7270E-6
	22.00000	-17.00000	-8.50000	-9.9393	-8.9310	-423.92E-6	-1.1338	8.6999E-6
	23.00000	-17.00000	-8.50000	-9.8942	-8.9310	-421.31E-6	-1.1280	8.6555E-6
	24.00000	-17.00000	-8.50000	-9.8320	-8.9310	-417.65E-6	-1.1200	8.5938E-6
	25.00000	-17.00000	-8.50000	-9.7526	-8.9310	-412.90E-6	-1.1097	8.5148E-6
	26.00000	-17.00000	-8.50000	-9.6566	-8.9310	-407.05E-6	-1.0971	8.4188E-6
	27.00000	-17.00000	-8.50000	-9.5442	-8.9310	-400.07E-6	-1.0824	8.3059E-6
	28.00000	-17.00000	-8.50000	-9.4159	-8.9310	-391.93E-6	-1.0655	8.1764E-6
	29.00000	-17.00000	-8.50000	-9.2723	-8.9310	-382.63E-6	-1.0465	8.0307E-6
	30.00000	-17.00000	-8.50000	-9.1141	-8.9310	-372.14E-6	-1.0255	7.8694E-6
	31.00000	-17.00000	-8.50000	-8.9420	-8.9310	-360.49E-6	-1.0025	7.6931E-6
	32.00000	-17.00000	-8.50000	-8.7569	-8.9310	-347.72E-6	-0.97767	7.5027E-6
	33.00000	-17.00000	-8.50000	-8.5598	-8.9310	-333.89E-6	-0.95114	7.2993E-6
	34.00000	-17.00000	-8.50000	-8.3518	-8.9310	-319.09E-6	-0.92308	7.0842E-6
	35.00000	-17.00000	-8.50000	-8.1340	-8.9310	-303.45E-6	-0.89368	6.8589E-6
	36.00000	-17.00000	-8.50000	-7.9077	-8.9310	-287.13E-6	-0.86316	6.6249E-6
	37.00000	-17.00000	-8.50000	-7.6742	-8.9310	-270.31E-6	-0.83176	6.3842E-6
	38.00000	-17.00000	-8.50000	-7.4350	-8.9310	-253.21E-6	-0.79971	6.1385E-6
	39.00000	-17.00000	-8.50000	-7.1913	-8.9310	-236.04E-6	-0.76728	5.8899E-6
	40.00000	-17.00000	-8.50000	-6.9446	-8.9310	-219.00E-6	-0.73472	5.6402E-6
	41.00000	-17.00000	-8.50000	-6.6962	-8.9310	-202.31E-6	-0.70227	5.3915E-6
	42.00000	-17.00000	-8.50000	-6.4474	-8.9310	-186.14E-6	-0.67016	5.1453E-6
	43.00000	-17.00000	-8.50000	-6.1993	-8.9310	-170.66E-6	-0.63859	4.9032E-6
	44.00000	-17.00000	-8.50000	-5.9532	-8.9310	-155.97E-6	-0.60775	4.6667E-6
	45.00000	-17.00000	-8.50000	-5.7100	-8.9310	-142.16E-6	-0.57778	4.4368E-6
	46.00000	-17.00000	-8.50000	-5.4706	-8.9310	-129.29E-6	-0.54880	4.2146E-6
	47.00000	-17.00000	-8.50000	-5.2358	-8.9310	-117.37E-6	-0.52090	4.0006E-6
	48.00000	-17.00000	-8.50000	-5.0062	-8.9310	-106.41E-6	-0.49415	3.7953E-6
	49.00000	-17.00000	-8.50000	-4.7824	-8.9310	-96.385E-6	-0.46858	3.5992E-6
	50.00000	-17.00000	-8.50000	-4.5648	-8.9310	-87.248E-6	-0.44422	3.4122E-6
	51.00000	-17.00000	-8.50000	-4.3537	-8.9310	-78.953E-6	-0.42106	3.2345E-6
	52.00000	-17.00000	-8.50000	-4.1494	-8.9310	-71.445E-6	-0.39909	3.0659E-6
	53.00000	-17.00000	-8.50000	-3.9521	-8.9310	-64.665E-6	-0.37829	2.9063E-6
	54.00000	-17.00000	-8.50000	-3.7619	-8.9310	-58.551E-6	-0.35862	2.7553E-6
	55.00000	-17.00000	-8.50000	-3.5787	-8.9310	-53.046E-6	-0.34004	2.6127E-6
	56.00000	-17.00000	-8.50000	-3.4027	-8.9310	-48.093E-6	-0.32251	2.4781E-6
	57.00000	-17.00000	-8.50000	-3.2337	-8.9310	-43.638E-6	-0.30598	2.3511E-6
	58.00000	-17.00000	-8.50000	-3.0717	-8.9310	-39.631E-6	-0.29040	2.2315E-6
	59.00000	-17.00000	-8.50000	-2.9164	-8.9310	-36.028E-6	-0.27571	2.1187E-6
	60.00000	-17.00000	-8.50000	-2.7679	-8.9310	-32.787E-6	-0.26188	2.0125E-6
	-20.00000	-16.00000	-8.50000	-2.9257	-8.9310	-36.082E-6	-0.27638	2.1238E-6
	-19.00000	-16.00000	-8.50000	-3.0848	-8.9310	-39.762E-6	-0.29142	2.2393E-6
	-18.00000	-16.00000	-8.50000	-3.2512	-8.9310	-43.871E-6	-0.30743	2.3622E-6
	-17.00000	-16.00000	-8.50000	-3.4252	-8.9310	-48.460E-6	-0.32446	2.4930E-6
	-16.00000	-16.00000	-8.50000	-3.6069	-8.9310	-53.589E-6	-0.34258	2.6322E-6
	-15.00000	-16.00000	-8.50000	-3.7964	-8.9310	-59.322E-6	-0.36186	2.7801E-6
	-14.00000	-16.00000	-8.50000	-3.9939	-8.9310	-65.730E-6	-0.38234	2.9374E-6
	-13.00000	-16.00000	-8.50000	-4.1994	-8.9310	-72.889E-6	-0.40410	3.1044E-6
	-12.00000	-16.00000	-8.50000	-4.4128	-8.9310	-80.881E-6	-0.42719	3.2816E-6
	-11.00000	-16.00000	-8.50000	-4.6341	-8.9310	-89.791E-6	-0.45167	3.4694E-6
	-10.00000	-16.00000	-8.50000	-4.8632	-8.9310	-99.704E-6	-0.47756	3.6681E-6
	-9.00000	-16.00000	-8.50000	-5.0998	-8.9310	-110.71E-6	-0.50490	3.8779E-6
	-8.00000	-16.00000	-8.50000	-5.3435	-8.9310	-122.87E-6	-0.53371	4.0988E-6
	-7.00000	-16.00000	-8.50000	-5.5940	-8.9310	-136.27E-6	-0.56397	4.3309E-6
	-6.00000	-16.00000	-8.50000	-5.8506	-8.9310	-150.95E-6	-0.59565	4.5739E-6
	-5.00000	-16.00000	-8.50000	-6.1127	-8.9310	-166.94E-6	-0.62869	4.8273E-6
	-4.00000	-16.00000	-8.50000	-6.3794	-8.9310	-184.21E-6	-0.66299	5.0902E-6
	-3.00000	-16.00000	-8.50000	-6.6497	-8.9310

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	39.00000	-16.00000	-8.50000	-7.7005	-8.9310	-284.94E-6	-0.84293	6.4694E-6
	40.00000	-16.00000	-8.50000	-7.4275	-8.9310	-263.06E-6	-0.80509	6.1794E-6
	41.00000	-16.00000	-8.50000	-7.1530	-8.9310	-241.70E-6	-0.76746	5.8910E-6
	42.00000	-16.00000	-8.50000	-6.8784	-8.9310	-221.11E-6	-0.73032	5.6063E-6
	43.00000	-16.00000	-8.50000	-6.6052	-8.9310	-201.49E-6	-0.69394	5.3274E-6
	44.00000	-16.00000	-8.50000	-6.3347	-8.9310	-183.00E-6	-0.65852	5.0559E-6
	45.00000	-16.00000	-8.50000	-6.0679	-8.9310	-165.75E-6	-0.62424	4.7931E-6
	46.00000	-16.00000	-8.50000	-5.8059	-8.9310	-149.79E-6	-0.59123	4.5400E-6
	47.00000	-16.00000	-8.50000	-5.5494	-8.9310	-135.14E-6	-0.55960	4.2974E-6
	48.00000	-16.00000	-8.50000	-5.2993	-8.9310	-121.77E-6	-0.52940	4.0657E-6
	49.00000	-16.00000	-8.50000	-5.0560	-8.9310	-109.64E-6	-0.50067	3.8453E-6
	50.00000	-16.00000	-8.50000	-4.8199	-8.9310	-98.673E-6	-0.47341	3.6362E-6
	51.00000	-16.00000	-8.50000	-4.5915	-8.9310	-88.801E-6	-0.44762	3.4383E-6
	52.00000	-16.00000	-8.50000	-4.3710	-8.9310	-79.935E-6	-0.42325	3.2513E-6
	53.00000	-16.00000	-8.50000	-4.1584	-8.9310	-71.987E-6	-0.40028	3.0750E-6
	54.00000	-16.00000	-8.50000	-3.9539	-8.9310	-64.873E-6	-0.37864	2.9089E-6
	55.00000	-16.00000	-8.50000	-3.7574	-8.9310	-58.510E-6	-0.35827	2.7526E-6
	56.00000	-16.00000	-8.50000	-3.5689	-8.9310	-52.822E-6	-0.33913	2.6056E-6
	57.00000	-16.00000	-8.50000	-3.3883	-8.9310	-47.737E-6	-0.32114	2.4675E-6
	58.00000	-16.00000	-8.50000	-3.2155	-8.9310	-43.191E-6	-0.30423	2.3377E-6
	59.00000	-16.00000	-8.50000	-3.0502	-8.9310	-39.125E-6	-0.28836	2.2158E-6
	60.00000	-16.00000	-8.50000	-2.8923	-8.9310	-35.485E-6	-0.27345	2.1013E-6
	-20.00000	-15.00000	-8.50000	-3.0559	-8.9310	-39.070E-6	-0.28866	2.2182E-6
	-19.00000	-15.00000	-8.50000	-3.2249	-8.9310	-43.204E-6	-0.30488	2.3427E-6
	-18.00000	-15.00000	-8.50000	-3.4021	-8.9310	-47.842E-6	-0.32220	2.4757E-6
	-17.00000	-15.00000	-8.50000	-3.5876	-8.9310	-53.053E-6	-0.34069	2.6176E-6
	-16.00000	-15.00000	-8.50000	-3.7818	-8.9310	-58.912E-6	-0.36042	2.7691E-6
	-15.00000	-15.00000	-8.50000	-3.9847	-8.9310	-65.503E-6	-0.38148	2.9308E-6
	-14.00000	-15.00000	-8.50000	-4.1966	-8.9310	-72.921E-6	-0.40396	3.1033E-6
	-13.00000	-15.00000	-8.50000	-4.4175	-8.9310	-81.269E-6	-0.42793	3.2872E-6
	-12.00000	-15.00000	-8.50000	-4.6474	-8.9310	-90.660E-6	-0.45347	3.4832E-6
	-11.00000	-15.00000	-8.50000	-4.8865	-8.9310	-101.21E-6	-0.48066	3.6919E-6
	-10.00000	-15.00000	-8.50000	-5.1345	-8.9310	-113.06E-6	-0.50956	3.9136E-6
	-9.00000	-15.00000	-8.50000	-5.3912	-8.9310	-126.32E-6	-0.54023	4.1488E-6
	-8.00000	-15.00000	-8.50000	-5.6564	-8.9310	-141.12E-6	-0.57269	4.3978E-6
	-7.00000	-15.00000	-8.50000	-5.9296	-8.9310	-157.57E-6	-0.60697	4.6606E-6
	-6.00000	-15.00000	-8.50000	-6.2102	-8.9310	-175.76E-6	-0.64303	4.9371E-6
	-5.00000	-15.00000	-8.50000	-6.4975	-8.9310	-195.75E-6	-0.68082	5.2269E-6
	-4.00000	-15.00000	-8.50000	-6.7905	-8.9310	-217.54E-6	-0.72025	5.5290E-6
	-3.00000	-15.00000	-8.50000	-7.0881	-8.9310	-241.08E-6	-0.76114	5.8424E-6
	-2.00000	-15.00000	-8.50000	-7.3891	-8.9310	-266.25E-6	-0.80331	6.1655E-6
	-1.00000	-15.00000	-8.50000	-7.6920	-8.9310	-292.83E-6	-0.84648	6.4963E-6
	0.00000	-15.00000	-8.50000	-7.9952	-8.9310	-320.54E-6	-0.89035	6.8324E-6
	1.00000	-15.00000	-8.50000	-8.2970	-8.9310	-349.02E-6	-0.93455	7.1711E-6
	2.00000	-15.00000	-8.50000	-8.5956	-8.9310	-377.85E-6	-0.97871	7.5091E-6
	3.00000	-15.00000	-8.50000	-8.8890	-8.9310	-406.58E-6	-1.0224	7.8440E-6
	4.00000	-15.00000	-8.50000	-9.1754	-8.9310	-434.77E-6	-1.0652	8.1721E-6
	5.00000	-15.00000	-8.50000	-9.4530	-8.9310	-462.00E-6	-1.1068	8.4905E-6
	6.00000	-15.00000	-8.50000	-9.7200	-8.9310	-487.89E-6	-1.1467	8.7964E-6
	7.00000	-15.00000	-8.50000	-9.9746	-8.9310	-512.16E-6	-1.1847	9.0873E-6
	8.00000	-15.00000	-8.50000	-10.215	-8.9310	-534.59E-6	-1.2204	9.3612E-6
	9.00000	-15.00000	-8.50000	-10.441	-8.9310	-555.04E-6	-1.2537	9.6162E-6
	10.00000	-15.00000	-8.50000	-10.650	-8.9310	-573.44E-6	-1.2844	9.8510E-6
	11.00000	-15.00000	-8.50000	-10.842	-8.9310	-589.77E-6	-1.3122	10.065E-6
	12.00000	-15.00000	-8.50000	-11.016	-8.9310	-604.08E-6	-1.3372	10.256E-6
	13.00000	-15.00000	-8.50000	-11.170	-8.9310	-616.42E-6	-1.3593	10.425E-6
	14.00000	-15.00000	-8.50000	-11.305	-8.9310	-626.88E-6	-1.3785	10.572E-6
	15.00000	-15.00000	-8.50000	-11.419	-8.9310	-635.53E-6	-1.3946	10.696E-6
	16.00000	-15.00000	-8.50000	-11.513	-8.9310	-642.48E-6	-1.4078	10.797E-6
	17.00000	-15.00000	-8.50000	-11.586	-8.9310	-647.78E-6	-1.4180	10.875E-6
	18.00000	-15.00000	-8.50000	-11.638	-8.9310	-651.50E-6	-1.4252	10.930E-6
	19.00000	-15.00000	-8.50000	-11.668	-8.9310	-653.70E-6	-1.4294	10.963E-6
	20.00000	-15.00000	-8.50000	-11.677	-8.9310	-654.40E-6	-1.4308	10.973E-6
	21.00000	-15.00000	-8.50000	-11.665	-8.9310	-653.60E-6	-1.4291	10.961E-6
	22.00000	-15.00000	-8.50000	-11.631	-8.9310	-651.31E-6	-1.4245	10.925E-6
	23.00000	-15.00000	-8.50000	-11.577	-8.9310	-647.49E-6	-1.4170	10.867E-6
	24.00000	-15.00000	-8.50000	-11.501	-8.9310	-642.09E-6	-1.4065	10.787E-6
	25.00000	-15.00000	-8.50000	-11.404	-8.9310	-635.05E-6	-1.3930	10.684E-6
	26.00000	-15.00000	-8.50000	-11.287	-8.9310	-626.30E-6	-1.3765	10.557E-6
	27.00000	-15.00000	-8.50000	-11.149	-8.9310	-615.75E-6	-1.3571	10.408E-6
	28.00000	-15.00000	-8.50000	-10.992	-8.9310	-603.32E-6	-1.3347	10.237E-6
	29.00000	-15.00000	-8.50000	-10.816	-8.9310	-588.93E-6	-1.3094	10.043E-6
	30.00000	-15.00000	-8.50000	-10.622	-8.9310	-572.51E-6	-1.2813	9.8274E-6
	31.00000	-15.00000	-8.50000	-10.410	-8.9310	-554.03E-6	-1.2504	9.5906E-6
	32.00000	-15.00000	-8.50000	-10.182	-8.9310	-533.51E-6	-1.2169	9.3337E-6
	33.00000	-15.00000	-8.50000	-9.9389	-8.9310	-511.01E-6	-1.1809	9.0580E-6
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	36.00000	-15.00000	-8.50000	-9.1340	-8.9310	-433.45E-6	-1.0608	8.1383E-6
	37.00000	-15.00000	-8.50000	-8.8460	-8.9310	-405.22E-6	-1.0178	7.8091E-6
	38.00000	-15.00000	-8.50000	-8.5512	-8.9310	-376.45E-6	-0.97402	7.4733E-6
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	40.00000	-15.00000	-8.50000	-7.9486	-8.9310	-319.10E-6	-0.88546	6.7949E-6
	41.00000	-15.00000	-8.50000	-7.6446	-8.9310	-291.38E-6	-0.84153	6.4584E-6
	42.00000	-15.00000	-8.50000	-7.3411	-8.9310	-264.80E-6	-0.79832	6.1273E-6
	43.00000	-15.00000	-8.50000	-7.0396	-8.9310	-239.64E-6	-0.75614	5.8040E-6
	44.00000	-15.00000	-8.50000	-6.7417	-8.9310	-216.12E-6	-0.71524	5.4906E-6
	45.00000	-15.00000	-8.50000	-6.4487	-8.9310	-194.35E-6	-0.67585	5.1886E-6
	46.00000	-15.00000	-8.50000	-6.1615	-8.9310	-174.39E-6	-0.63810	4.8993E-6
	47.00000	-15.00000	-8.50000	-5.8811	-8.9310	-156.24E-6	-0.60210	4.6232E-6
	48.00000	-15.00000	-8.50000	-5.6084	-8.9310	-139.83E-6	-0.56790	4.3610E-6
	49.00000	-15.00000	-8.50000	-5.3437	-8.9310	-125.07E-6	-0.53553	4.1127E-6
	50.00000	-15.00000	-8.50000	-5.0876	-8.9310	-111.86E-6	-0.50497	3.8783E-6
	51.00000	-15.00000	-8.50000	-4.8404	-8.9310	-100.07E-6	-0.47618	3.6575E-6
	52.00000	-15.00000	-8.50000	-4.6023	-8.9310	-89.569E-6	-0.44912	3.4498E-6
	53.00000	-15.00000	-8.50000	-4.3733	-8.9310	-80.232E-6	-0.42371	3.2549E-6
	54.00000	-15.00000	-8.50000	-4.1534	-8.9310	-71.939E-6	-0.39988	3.0720E-6
	55.00000	-15.00000	-8.50000	-3.9427	-8.9310	-64.575E-6	-0.37755	2.9006E-6
	56.00000	-15.00000	-8.50000	-3.7410	-8.9310	-58.038E-6	-0.35664	2.7400E-6
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	59.00000	-15.00000	-8.50000	-3.1879	-8.9310	-42.483E-6	-0.30155	2.3171E-6
	60.00000	-15.00000	-8.50000	-3.0201	-8.9310	-38.398E-6	-0.28548	2.1937E-6
	-20.00000	-14.00000	-8.50000	-3.1894	-8.9310	-42.293E-6	-0.30144	2.3163E-6
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	-18.00000	-14.00000	-8.50000	-3.5574	-8.9310	-52.169E-6	-0.33766	2.5943E-6
	-17.00000	-14.00000	-8.50000	-3.7552	-8.9310	-58.086E-6	-0.35772	2.7483E-6
	-16.00000	-14.00000	-8.50000	-3.9626	-8.9310	-64.780E-6	-0.37921	2.9133E-6
	-15.00000	-14.00000	-8.50000	-4.1797	-8.9310	-72.363E-6	-0.40224	3.0901E-6
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	-11.00000	-14.00000	-8.50000	-5.1504	-8.9310	-114.30E-6	-0.51186	3.9312E-6
	-10.00000	-14.00000	-8.50000	-5.4189	-8.9310	-128.50E-6	-0.54418	4.1791E-6
	-9.00000	-14.00000	-8.50000	-5.6977	-8.9310	-144.55E-6	-0.57865	4.4434E-6
	-8.00000	-14.00000	-8.50000	-5.9863	-8.9310	-162.65E-6	-0.61533	4.7247E-6
	-7.00000	-14.00000	-8.50000	-6.2845	-8.9310	-182.98E-6	-0.65428	5.0233E-6
	-6.00000	-14.00000	-8.50000	-6.5916	-8.9310	-205.70E-6	-0.69549	5.3392E-6
	-5.00000	-14.00000	-8.50000	-6.9069	-8.9310	-230.93E-6	-0.73892	5.6720E-6
	-4.00000	-14.00000	-8.50000	-7.2293	-8.9310	-258.72E-6	-0.78446	6.0210E-6
	-3.00000	-14.00000	-8.50000	-7.5577	-8.9310	-289.05E-6	-0.83196	6.3849E-6
	-2.00000	-14.00000	-8.50000	-7.8905	-8.9310	-321.75E-6	-0.88117	6.7618E-6
	-1.00000	-14.00000	-8.50000	-8.2262	-8.9310	-356.57E-6	-0.93177	7.1493E-6
	0.00000	-14.00000	-8.50000	-8.5629	-8.9310	-393.10E-6	-0.98337	7.5445E-6
	1.00000	-14.00000	-8.50000	-8.8986	-8.9310	-430.82E-6	-1.0355	7.9438E-6
	2.00000	-14.00000	-8.50000	-9.2310	-8.9310	-469.10E-6	-1.0877	8.3434E-6
	3.00000	-14.00000	-8.50000	-9.5581	-8.9310	-507.27E-6	-1.1394	8.7393E-6
	4.00000	-14.00000	-8.50000	-9.8775	-8.9310	-544.66E-6	-1.1901	9.1273E-6
	5.00000	-14.00000	-8.50000	-10.187	-8.9310	-580.66E-6	-1.2392	9.5035E-6
	6.00000	-14.00000	-8.50000	-10.485	-8.9310	-614.72E-6	-1.2864	9.8644E-6
	7.00000	-14.00000	-8.50000	-10.768	-8.9310	-646.44E-6	-1.3311	10.207E-6
	8.00000	-14.00000	-8.50000	-11.037	-8.9310	-675.54E-6	-1.3731	10.528E-6
	9.00000	-14.00000	-8.50000	-11.288	-8.9310	-701.85E-6	-1.4120	10.827E-6
	10.00000	-14.00000	-8.50000	-11.520	-8.9310	-725.32E-6	-1.4478	11.101E-6
	11.00000	-14.00000	-8.50000	-11.733	-8.9310	-745.98E-6	-1.4802	11.349E-6
	12.00000	-14.00000	-8.50000	-11.926	-8.9310	-763.94E-6	-1.5092	11.571E-6
	13.00000	-14.00000	-8.50000	-12.097	-8.9310	-779.30E-6	-1.5348	11.767E-6
	14.00000	-14.00000	-8.50000	-12.246	-8.9310	-792.23E-6	-1.5568	11.936E-6
	15.00000	-14.00000	-8.50000	-12.372	-8.9310	-802.86E-6	-1.5754	12.078E-6
	16.00000	-14.00000	-8.50000	-12.476	-8.9310	-811.35E-6	-1.5905	12.194E-6
	17.00000	-14.00000	-8.50000	-12.557	-8.9310	-817.80E-6	-1.6021	12.284E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	18.00000	-14.00000	-8.50000	-12.614	-8.9310	-822.32E-6	-1.6104	12.347E-6
	19.00000	-14.00000	-8.50000	-12.648	-8.9310	-824.98E-6	-1.6153	12.384E-6
	20.00000	-14.00000	-8.50000	-12.658	-8.9310	-825.82E-6	-1.6168	12.396E-6
	21.00000	-14.00000	-8.50000	-12.644	-8.9310	-824.86E-6	-1.6149	12.382E-6
	22.00000	-14.00000	-8.50000	-12.607	-8.9310	-822.09E-6	-1.6097	12.341E-6
	23.00000	-14.00000	-8.50000	-12.547	-8.9310	-817.46E-6	-1.6011	12.275E-6
	24.00000	-14.00000	-8.50000	-12.463	-8.9310	-810.89E-6	-1.5890	12.183E-6
	25.00000	-14.00000	-8.50000	-12.356	-8.9310	-802.30E-6	-1.5736	12.064E-6
	26.00000	-14.00000	-8.50000	-12.226	-8.9310	-791.55E-6	-1.5546	11.919E-6
	27.00000	-14.00000	-8.50000	-12.074	-8.9310	-778.52E-6	-1.5323	11.748E-6
	28.00000	-14.00000	-8.50000	-11.900	-8.9310	-763.04E-6	-1.5064	11.550E-6
	29.00000	-14.00000	-8.50000	-11.705	-8.9310	-744.99E-6	-1.4771	11.325E-6
	30.00000	-14.00000	-8.50000	-11.489	-8.9310	-724.22E-6	-1.4444	11.074E-6
	31.00000	-14.00000	-8.50000	-11.254	-8.9310	-700.66E-6	-1.4083	10.798E-6
	32.00000	-14.00000	-8.50000	-11.000	-8.9310	-674.26E-6	-1.3690	10.498E-6
	33.00000	-14.00000	-8.50000	-10.729	-8.9310	-645.08E-6	-1.3268	10.174E-6
	34.00000	-14.00000	-8.50000	-10.443	-8.9310	-613.28E-6	-1.2818	9.8296E-6
	35.00000	-14.00000	-8.50000	-10.144	-8.9310	-579.15E-6	-1.2345	9.4670E-6
	36.00000	-14.00000	-8.50000	-9.8321	-8.9310	-543.10E-6	-1.1851	9.0892E-6
	37.00000	-14.00000	-8.50000	-9.5110	-8.9310	-505.65E-6	-1.1343	8.6999E-6
	38.00000	-14.00000	-8.50000	-9.1825	-8.9310	-467.44E-6	-1.0824	8.3029E-6
	39.00000	-14.00000	-8.50000	-8.8487	-8.9310	-429.13E-6	-1.0301	7.9024E-6
	40.00000	-14.00000	-8.50000	-8.5120	-8.9310	-391.40E-6	-0.97788	7.5023E-6
	41.00000	-14.00000	-8.50000	-8.1744	-8.9310	-354.86E-6	-0.92621	7.1067E-6
	42.00000	-14.00000	-8.50000	-7.8380	-8.9310	-320.05E-6	-0.87557	6.7188E-6
	43.00000	-14.00000	-8.50000	-7.5047	-8.9310	-287.35E-6	-0.82634	6.3418E-6
	44.00000	-14.00000	-8.50000	-7.1761	-8.9310	-257.05E-6	-0.77886	5.9780E-6
	45.00000	-14.00000	-8.50000	-6.8537	-8.9310	-229.29E-6	-0.73335	5.6292E-6
	46.00000	-14.00000	-8.50000	-6.5386	-8.9310	-204.10E-6	-0.68998	5.2969E-6
	47.00000	-14.00000	-8.50000	-6.2318	-8.9310	-181.42E-6	-0.64884	4.9816E-6
	48.00000	-14.00000	-8.50000	-5.9341	-8.9310	-161.14E-6	-0.60999	4.6837E-6
	49.00000	-14.00000	-8.50000	-5.6460	-8.9310	-143.10E-6	-0.57342	4.4033E-6
	50.00000	-14.00000	-8.50000	-5.3681	-8.9310	-127.11E-6	-0.53908	4.1399E-6
	51.00000	-14.00000	-8.50000	-5.1005	-8.9310	-112.97E-6	-0.50690	3.8931E-6
	52.00000	-14.00000	-8.50000	-4.8433	-8.9310	-100.50E-6	-0.47680	3.6622E-6
	53.00000	-14.00000	-8.50000	-4.5967	-8.9310	-89.511E-6	-0.44868	3.4464E-6
	54.00000	-14.00000	-8.50000	-4.3604	-8.9310	-79.829E-6	-0.42242	3.2449E-6
	55.00000	-14.00000	-8.50000	-4.1345	-8.9310	-71.300E-6	-0.39792	3.0569E-6
	56.00000	-14.00000	-8.50000	-3.9187	-8.9310	-63.782E-6	-0.37506	2.8815E-6
	57.00000	-14.00000	-8.50000	-3.7127	-8.9310	-57.151E-6	-0.35374	2.7178E-6
	58.00000	-14.00000	-8.50000	-3.5163	-8.9310	-51.295E-6	-0.33386	2.5652E-6
	59.00000	-14.00000	-8.50000	-3.3293	-8.9310	-46.118E-6	-0.31530	2.4227E-6
	60.00000	-14.00000	-8.50000	-3.1512	-8.9310	-41.535E-6	-0.29798	2.2897E-6
	-20.00000	-13.00000	-8.50000	-3.3262	-8.9310	-45.761E-6	-0.31471	2.4181E-6
	-19.00000	-13.00000	-8.50000	-3.5167	-8.9310	-50.966E-6	-0.33355	2.5628E-6
	-18.00000	-13.00000	-8.50000	-3.7171	-8.9310	-56.873E-6	-0.35380	2.7183E-6
	-17.00000	-13.00000	-8.50000	-3.9278	-8.9310	-63.589E-6	-0.37557	2.8854E-6
	-16.00000	-13.00000	-8.50000	-4.1491	-8.9310	-71.238E-6	-0.39897	3.0650E-6
	-15.00000	-13.00000	-8.50000	-4.3814	-8.9310	-79.963E-6	-0.42415	3.2582E-6
	-14.00000	-13.00000	-8.50000	-4.6250	-8.9310	-89.929E-6	-0.45124	3.4661E-6
	-13.00000	-13.00000	-8.50000	-4.8801	-8.9310	-101.32E-6	-0.48038	3.6897E-6
	-12.00000	-13.00000	-8.50000	-5.1471	-8.9310	-114.37E-6	-0.51173	3.9302E-6
	-11.00000	-13.00000	-8.50000	-5.4259	-8.9310	-129.29E-6	-0.54543	4.1886E-6
	-10.00000	-13.00000	-8.50000	-5.7167	-8.9310	-146.37E-6	-0.58162	4.4662E-6
	-9.00000	-13.00000	-8.50000	-6.0195	-8.9310	-165.88E-6	-0.62045	4.7639E-6
	-8.00000	-13.00000	-8.50000	-6.3339	-8.9310	-188.14E-6	-0.66202	5.0826E-6
	-7.00000	-13.00000	-8.50000	-6.6596	-8.9310	-213.43E-6	-0.70642	5.4229E-6
	-6.00000	-13.00000	-8.50000	-6.9961	-8.9310	-242.05E-6	-0.75370	5.7852E-6
	-5.00000	-13.00000	-8.50000	-7.3426	-8.9310	-274.21E-6	-0.80384	6.1693E-6
	-4.00000	-13.00000	-8.50000	-7.6980	-8.9310	-310.07E-6	-0.85676	6.5746E-6
	-3.00000	-13.00000	-8.50000	-8.0610	-8.9310	-349.66E-6	-0.91228	6.9998E-6
	-2.00000	-13.00000	-8.50000	-8.4299	-8.9310	-392.81E-6	-0.97013	7.4427E-6
	-1.00000	-13.00000	-8.50000	-8.8029	-8.9310	-439.19E-6	-1.0299	7.9003E-6
	0.00000	-13.00000	-8.50000	-9.1778	-8.9310	-488.22E-6	-1.0911	8.3689E-6
	1.00000	-13.00000	-8.50000	-9.5522	-8.9310	-539.11E-6	-1.1532	8.8440E-6
	2.00000	-13.00000	-8.50000	-9.9235	-8.9310	-590.93E-6	-1.2155	9.3204E-6
	3.00000	-13.00000	-8.50000	-10.289	-8.9310	-642.63E-6	-1.2772	9.7928E-6
	4.00000	-13.00000	-8.50000	-10.646	-8.9310	-693.18E-6	-1.3377	10.256E-6
	5.00000	-13.00000	-8.50000	-10.993	-8.9310	-741.62E-6	-1.3963	10.704E-6
	6.00000	-13.00000	-8.50000	-11.325	-8.9310	-787.16E-6	-1.4524	11.133E-6
	7.00000	-13.00000	-8.50000	-11.642	-8.9310	-829.23E-6	-1.5054	11.539E-6
	8.00000	-13.00000	-8.50000	-11.942	-8.9310	-867.45E-6	-1.5551	11.919E-6
	9.00000	-13.00000	-8.50000	-12.222	-8.9310	-901.68E-6	-1.6009	12.270E-6
	10.00000	-13.00000	-8.50000	-12.481	-8.9310	-931.90E-6	-1.6429	12.592E-6
	11.00000	-13.00000	-8.50000	-12.717	-8.9310	-958.24E-6	-1.6807	12.881E-6
	12.00000	-13.00000	-8.50000	-12.931	-8.9310	-980.89E-6	-1.7145	13.140E-6
	13.00000	-13.00000	-8.50000	-13.121	-8.9310	-0.0010001	-1.7440	13.366E-6
	14.00000	-13.00000	-8.50000	-13.286	-8.9310	-0.0010161	-1.7695	13.561E-6
	15.00000	-13.00000	-8.50000	-13.426	-8.9310	-0.0010292	-1.7909	13.725E-6
	16.00000	-13.00000	-8.50000	-13.541	-8.9310	-0.0010396	-1.8082	13.858E-6
	17.00000	-13.00000	-8.50000	-13.630	-8.9310	-0.0010475	-1.8216	13.961E-6
	18.00000	-13.00000	-8.50000	-13.693	-8.9310	-0.0010530	-1.8311	14.033E-6
	19.00000	-13.00000	-8.50000	-13.730	-8.9310	-0.0010562	-1.8367	14.076E-6
	20.00000	-13.00000	-8.50000	-13.741	-8.9310	-0.0010572	-1.8384	14.089E-6
	21.00000	-13.00000	-8.50000	-13.726	-8.9310	-0.0010561	-1.8362	14.073E-6
	22.00000	-13.00000	-8.50000	-13.685	-8.9310	-0.0010527	-1.8303	14.027E-6
	23.00000	-13.00000	-8.50000	-13.619	-8.9310	-0.0010471	-1.8204	13.951E-6
	24.00000	-13.00000	-8.50000	-13.526	-8.9310	-0.0010391	-1.8066	13.846E-6
	25.00000	-13.00000	-8.50000	-13.408	-8.9310	-0.0010286	-1.7888	13.710E-6
	26.00000	-13.00000	-8.50000	-13.264	-8.9310	-0.0010153	-1.7671	13.543E-6
	27.00000	-13.00000	-8.50000	-13.096	-8.9310	-999.18E-6	-1.7412	13.345E-6
	28.00000	-13.00000	-8.50000	-12.903	-8.9310	-979.84E-6	-1.7113	13.115E-6
	29.00000	-13.00000	-8.50000	-12.686	-8.9310	-957.06E-6	-1.6772	12.854E-6
	30.00000	-13.00000	-8.50000	-12.446	-8.9310	-930.60E-6	-1.6390	12.562E-6
	31.00000	-13.00000	-8.50000	-12.184	-8.9310	-900.26E-6	-1.5967	12.238E-6
	32.00000	-13.00000	-8.50000	-11.901	-8.9310	-865.93E-6	-1.5505	11.884E-6
	33.00000	-13.00000	-8.50000	-11.599	-8.9310	-827.61E-6	-1.5006	11.502E-6
	34.00000	-13.00000	-8.50000	-11.280	-8.9310	-785.45E-6	-1.4473	11.094E-6
	35.00000	-13.00000	-8.50000	-10.945	-8.9310	-739.82E-6	-1.3909	10.663E-6
	36.00000	-13.00000	-8.50000	-10.597	-8.9310	-691.32E-6	-1.3321	10.213E-6
	37.00000	-13.00000	-8.50000	-10.237	-8.9310	-640.71E-6	-1.2714	9.7483E-6
	38.00000	-13.00000	-8.50000	-9.8702	-8.9310

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-3.00000	-12.00000	-8.50000	-8.6007	-8.9310	-427.16E-6	-1.0038	7.7004E-6
	-2.00000	-12.00000	-8.50000	-9.0106	-8.9310	-485.08E-6	-1.0724	8.2250E-6
	-1.00000	-12.00000	-8.50000	-9.4262	-8.9310	-548.03E-6	-1.1437	8.7702E-6
	0.00000	-12.00000	-8.50000	-9.8450	-8.9310	-615.21E-6	-1.2171	9.3314E-6
	1.00000	-12.00000	-8.50000	-10.264	-8.9310	-685.42E-6	-1.2917	9.9023E-6
	2.00000	-12.00000	-8.50000	-10.680	-8.9310	-757.17E-6	-1.3668	10.476E-6
	3.00000	-12.00000	-8.50000	-11.090	-8.9310	-828.79E-6	-1.4413	11.046E-6
	4.00000	-12.00000	-8.50000	-11.491	-8.9310	-898.62E-6	-1.5143	11.604E-6
	5.00000	-12.00000	-8.50000	-11.880	-8.9310	-965.15E-6	-1.5848	12.144E-6
	6.00000	-12.00000	-8.50000	-12.253	-8.9310	-0.0010272	-1.6521	12.658E-6
	7.00000	-12.00000	-8.50000	-12.608	-8.9310	-0.0010839	-1.7156	13.144E-6
	8.00000	-12.00000	-8.50000	-12.943	-8.9310	-0.0011348	-1.7746	13.596E-6
	9.00000	-12.00000	-8.50000	-13.255	-8.9310	-0.0011799	-1.8290	14.011E-6
	10.00000	-12.00000	-8.50000	-13.544	-8.9310	-0.0012192	-1.8784	14.389E-6
	11.00000	-12.00000	-8.50000	-13.808	-8.9310	-0.0012530	-1.9228	14.729E-6
	12.00000	-12.00000	-8.50000	-14.045	-8.9310	-0.0012818	-1.9621	15.030E-6
	13.00000	-12.00000	-8.50000	-14.256	-8.9310	-0.0013059	-1.9964	15.293E-6
	14.00000	-12.00000	-8.50000	-14.439	-8.9310	-0.0013258	-2.0259	15.519E-6
	15.00000	-12.00000	-8.50000	-14.594	-8.9310	-0.0013420	-2.0505	15.708E-6
	16.00000	-12.00000	-8.50000	-14.720	-8.9310	-0.0013547	-2.0705	15.861E-6
	17.00000	-12.00000	-8.50000	-14.819	-8.9310	-0.0013643	-2.0858	15.978E-6
	18.00000	-12.00000	-8.50000	-14.888	-8.9310	-0.0013709	-2.0967	16.061E-6
	19.00000	-12.00000	-8.50000	-14.929	-8.9310	-0.0013748	-2.1030	16.110E-6
	20.00000	-12.00000	-8.50000	-14.942	-8.9310	-0.0013761	-2.1050	16.125E-6
	21.00000	-12.00000	-8.50000	-14.926	-8.9310	-0.0013747	-2.1026	16.107E-6
	22.00000	-12.00000	-8.50000	-14.880	-8.9310	-0.0013706	-2.0957	16.054E-6
	23.00000	-12.00000	-8.50000	-14.807	-8.9310	-0.0013638	-2.0845	15.968E-6
	24.00000	-12.00000	-8.50000	-14.705	-8.9310	-0.0013541	-2.0687	15.846E-6
	25.00000	-12.00000	-8.50000	-14.574	-8.9310	-0.0013412	-2.0483	15.690E-6
	26.00000	-12.00000	-8.50000	-14.415	-8.9310	-0.0013249	-2.0232	15.498E-6
	27.00000	-12.00000	-8.50000	-14.228	-8.9310	-0.0013048	-1.9933	15.269E-6
	28.00000	-12.00000	-8.50000	-14.014	-8.9310	-0.0012805	-1.9585	15.003E-6
	29.00000	-12.00000	-8.50000	-13.773	-8.9310	-0.0012516	-1.9187	14.698E-6
	30.00000	-12.00000	-8.50000	-13.506	-8.9310	-0.0012176	-1.8740	14.356E-6
	31.00000	-12.00000	-8.50000	-13.214	-8.9310	-0.0011782	-1.8242	13.974E-6
	32.00000	-12.00000	-8.50000	-12.899	-8.9310	-0.0011330	-1.7695	13.556E-6
	33.00000	-12.00000	-8.50000	-12.561	-8.9310	-0.0010820	-1.7101	13.102E-6
	34.00000	-12.00000	-8.50000	-12.203	-8.9310	-0.0010251	-1.6463	12.614E-6
	35.00000	-12.00000	-8.50000	-11.827	-8.9310	-963.00E-6	-1.5787	12.097E-6
	36.00000	-12.00000	-8.50000	-11.437	-8.9310	-896.39E-6	-1.5079	11.555E-6
	37.00000	-12.00000	-8.50000	-11.034	-8.9310	-826.49E-6	-1.4347	10.996E-6
	38.00000	-12.00000	-8.50000	-10.622	-8.9310	-754.82E-6	-1.3600	10.425E-6
	39.00000	-12.00000	-8.50000	-10.204	-8.9310	-683.03E-6	-1.2848	9.8494E-6
	40.00000	-12.00000	-8.50000	-9.7837	-8.9310	-612.79E-6	-1.2100	9.2775E-6
	41.00000	-12.00000	-8.50000	-9.3640	-8.9310	-545.61E-6	-1.1366	8.7158E-6
	42.00000	-12.00000	-8.50000	-8.9477	-8.9310	-482.66E-6	-1.0653	8.1703E-6
	43.00000	-12.00000	-8.50000	-8.5373	-8.9310	-424.77E-6	-0.99672	7.6457E-6
	44.00000	-12.00000	-8.50000	-8.1350	-8.9310	-372.37E-6	-0.93139	7.1457E-6
	45.00000	-12.00000	-8.50000	-7.7426	-8.9310	-325.56E-6	-0.86959	6.6725E-6
	46.00000	-12.00000	-8.50000	-7.3616	-8.9310	-284.19E-6	-0.81149	6.2276E-6
	47.00000	-12.00000	-8.50000	-6.9931	-8.9310	-247.92E-6	-0.75713	5.8113E-6
	48.00000	-12.00000	-8.50000	-6.6377	-8.9310	-216.32E-6	-0.70648	5.4232E-6
	49.00000	-12.00000	-8.50000	-6.2960	-8.9310	-188.90E-6	-0.65942	5.0626E-6
	50.00000	-12.00000	-8.50000	-5.9682	-8.9310	-165.17E-6	-0.61578	4.7281E-6
	51.00000	-12.00000	-8.50000	-5.6545	-8.9310	-144.67E-6	-0.57538	4.4183E-6
	52.00000	-12.00000	-8.50000	-5.3548	-8.9310	-126.96E-6	-0.53801	4.1317E-6
	53.00000	-12.00000	-8.50000	-5.0688	-8.9310	-111.66E-6	-0.50347	3.8668E-6
	54.00000	-12.00000	-8.50000	-4.7963	-8.9310	-98.423E-6	-0.47154	3.6218E-6
	55.00000	-12.00000	-8.50000	-4.5370	-8.9310	-86.962E-6	-0.44202	3.3953E-6
	56.00000	-12.00000	-8.50000	-4.2904	-8.9310	-77.018E-6	-0.41472	3.1859E-6
	57.00000	-12.00000	-8.50000	-4.0561	-8.9310	-68.374E-6	-0.38947	2.9921E-6
	58.00000	-12.00000	-8.50000	-3.8336	-8.9310	-60.844E-6	-0.36609	2.8126E-6
	59.00000	-12.00000	-8.50000	-3.6225	-8.9310	-54.269E-6	-0.34444	2.6464E-6
	60.00000	-12.00000	-8.50000	-3.4224	-8.9310	-48.515E-6	-0.32436	2.4923E-6
	-20.00000	-11.00000	-8.50000	-3.6086	-8.9310	-53.464E-6	-0.34266	2.6328E-6
	-19.00000	-11.00000	-8.50000	-3.8226	-8.9310	-59.993E-6	-0.36451	2.8005E-6
	-18.00000	-11.00000	-8.50000	-4.0485	-8.9310	-67.489E-6	-0.38814	2.9819E-6
	-17.00000	-11.00000	-8.50000	-4.2870	-8.9310	-76.121E-6	-0.41373	3.1783E-6
	-16.00000	-11.00000	-8.50000	-4.5386	-8.9310	-86.089E-6	-0.44147	3.3911E-6
	-15.00000	-11.00000	-8.50000	-4.8038	-8.9310	-97.630E-6	-0.47155	3.6220E-6
	-14.00000	-11.00000	-8.50000	-5.0833	-8.9310	-111.03E-6	-0.50422	3.8726E-6
	-13.00000	-11.00000	-8.50000	-5.3775	-8.9310	-126.63E-6	-0.53971	4.1448E-6
	-12.00000	-11.00000	-8.50000	-5.6869	-8.9310	-144.83E-6	-0.57829	4.4406E-6
	-11.00000	-11.00000	-8.50000	-6.0120	-8.9310	-166.11E-6	-0.62023	4.7622E-6
	-10.00000	-11.00000	-8.50000	-6.3531	-8.9310	-191.02E-6	-0.66583	5.1118E-6
	-9.00000	-11.00000	-8.50000	-6.7104	-8.9310	-220.20E-6	-0.71538	5.4915E-6
	-8.00000	-11.00000	-8.50000	-7.0839	-8.9310	-254.38E-6	-0.76918	5.9037E-6
	-7.00000	-11.00000	-8.50000	-7.4735	-8.9310	-294.33E-6	-0.82749	6.3502E-6
	-6.00000	-11.00000	-8.50000	-7.8788	-8.9310	-340.89E-6	-0.89052	6.8328E-6
	-5.00000	-11.00000	-8.50000	-8.2991	-8.9310	-394.85E-6	-0.95843	7.3526E-6
	-4.00000	-11.00000	-8.50000	-8.7333	-8.9310	-456.92E-6	-1.0312	7.9096E-6
	-3.00000	-11.00000	-8.50000	-9.1798	-8.9310	-527.53E-6	-1.1088	8.5028E-6
	-2.00000	-11.00000	-8.50000	-9.6366	-8.9310	-606.76E-6	-1.1908	9.1298E-6
	-1.00000	-11.00000	-8.50000	-10.101	-8.9310	-694.10E-6	-1.2767	9.7862E-6
	0.00000	-11.00000	-8.50000	-10.571	-8.9310	-788.40E-6	-1.3656	10.466E-6
	1.00000	-11.00000	-8.50000	-11.041	-8.9310	-887.79E-6	-1.4565	11.160E-6
	2.00000	-11.00000	-8.50000	-11.510	-8.9310	-989.83E-6	-1.5482	11.861E-6
	3.00000	-11.00000	-8.50000	-11.972	-8.9310	-0.0010917	-1.6393	12.556E-6
	4.00000	-11.00000	-8.50000	-12.423	-8.9310	-0.0011907	-1.7284	13.237E-6
	5.00000	-11.00000	-8.50000	-12.861	-8.9310	-0.0012843	-1.8143	13.894E-6
	6.00000	-11.00000	-8.50000	-13.281	-8.9310	-0.0013706	-1.8959	14.517E-6
	7.00000	-11.00000	-8.50000	-13.680	-8.9310	-0.0014485	-1.9725	15.102E-6
	8.00000	-11.00000	-8.50000	-14.055	-8.9310	-0.0015174	-2.0433	15.644E-6
	9.00000	-11.00000	-8.50000	-14.405	-8.9310	-0.0015775	-2.1080	16.139E-6
	10.00000	-11.00000	-8.50000	-14.727	-8.9310	-0.0016291	-2.1665	16.586E-6
	11.00000	-11.00000	-8.50000	-15.021	-8.9310	-0.0016729	-2.2187	16.986E-6
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	13.00000	-11.00000	-8.50000	-15.519	-8.9310	-0.0017400	-2.3047	17.644E-6
	14.00000	-11.00000	-8.50000	-15.722	-8.9310	-0.0017649	-2.3389	17.906E-6
	15.00000	-11.00000	-8.50000	-15.893	-8.9310	-0.0017848	-2.3673	18.123E-6
	16.00000	-11.00000	-8.50000	-16.033	-8.9310	-0.0018004	-2.3902	18.299E-6
	17.00000	-11.00000	-8.50000	-16.142	-8.9310	-0.0018121	-2.4078	18.434E-6
	18.00000	-11.00000	-8.50000	-16.219	-8.9310	-0.0018201	-2.4202	18.529E-6
	19.00000	-11.00000	-8.50000	-16.264	-8.9310	-0.0018248	-2.4275	18.585E-6
	20.00000	-11.00000	-8.50000	-16.278	-8.9310	-0.0018263	-2.4298	18.602E-6
	21.00000	-11.00000	-8.50000	-16.260	-8.9310	-0.0018247	-2.4270	18.581E-6
	22.00000	-11.00000	-8.50000	-16.210	-8.9310	-0.0018198	-2.4192	18.521E-6
	23.00000	-11.00000	-8.50000	-16.129	-8.9310	-0.0018115	-2.4063	18.422E-6
	24.00000	-11.00000	-8.50000	-16.016	-8.9310	-0.0017997	-2.3881	18.283E-6
	25.00000	-11.00000	-8.50000	-15.871	-8.9310	-0.0017839	-2.3647	18.103E-6
	26.00000	-11.00000	-8.50000	-15.696	-8.9310	-0.0017638	-2.3358	17.882E-6
	27.00000	-11.00000	-8.50000	-15.489	-8.9310	-0.0017387	-2.3012	17.617E-6
	28.00000	-11.00000	-8.50000	-15.251	-8.9310	-0.0017081	-2.2607	17.307E-6
	29.00000	-11.00000	-8.50000	-14.983	-8.9310	-0.0016712	-2.2142	16.951E-6
	30.00000	-11.00000	-8.50000	-14.686	-8.9310	-0.0016273	-2.1615	16.548E-6
	31.00000	-11.00000	-8.50000	-14.360	-8.9310	-0.0015755	-2.1026	16.097E-6
	32.00000	-11.00000	-8.50000	-14.006	-8.9310	-0.0015153	-2.0374	15.599E-6
	33.00000	-11.00000	-8.50000	-13.628	-8.9310	-0.0014462	-1.9662	15.055E-6
	34.00000	-11.00000	-8.50000	-13.226	-8.9310	-0.0013681	-1.8893	14.467E-6
	35.00000	-11.00000	-8.50000	-12.803	-8.9310	-0.0012817	-1.8074	13.840E-6
	36.00000	-11.00000	-8.50000	-12.363	-8.9310	-0.0011880	-1.7212	13.182E-6
	37.00000	-11.00000	-8.50000	-11.909	-8.9310	-0.0010890	-1.6318	12.499E-6
	38.00000	-11.00000	-8.50000	-11.445	-8.9310	-987.00E-6	-1.5405	11.802E-6
	39.00000	-11.00000	-8.50000	-10.975	-8.9310	-884.92E-6	-1.4487	11.100E-6
	40.00000	-11.00000	-8.50000	-10.503	-8.9310	-785.50E-6	-1.3576	10.405E-6
	41.00000	-11.00000	-8.50000	-10.033	-8.9310	-691.20E-6	-1.2686	9.7245E-6
	42.00000	-11.00000	-8.50000	-9.5675	-8.9310	-603.87E-6	-1.1827	9.0679E-6
	43.00000	-11.00000	-8.50000	-9.1103	-8.9310	-524.68E-6	-1.1007	8.4410E-6
	44.00000	-11.00000	-8.50000	-8.6636	-8.9310	-454.11E-6	-1.0232	7.8480E-6
	45.00000	-11.00000	-8.50000	-8.2296	-8.9310	-392.12E-6	-0.95049	7.2917E-6
	46.00000	-11.00000	-8.50000	-7.8098	-8.9310	-338.23E-6	-0.88271	6.7729E-6
	47.00000	-11.00000	-8.50000	-7.4051	-8.9310	-291.77E-6	-0.81983	6.2914E-6
	48.00000	-11.00000	-8.50000	-7.0164	-8.9310	-251.92E-6	-0.76170	5.8462E-6
	49.00000	-11.00000	-8.50000	-6.6440	-8.9310	-217.86E-6	-0.70810	5.4356E-6
	50.00000	-11.00000	-8.50000	-6.2880	-8.9310	-188.80E-6	-0.65877	5.0576E-6
	51.00000	-11.00000	-8.50000	-5.9484	-8.9310	-164.01E-6	-0.61341	4.7099E-6
	52.00000	-11.00000	-8.50000	-5.6249	-8.9310	-142.85E-6	-0.57172	4.3902E-6
	53.00000	-11.00000	-8.50000	-5.3172	-8.9310	-124.78E-6	-0.53340	4.0964E-6
	54.00000	-11.00000	-8.50000	-5.0248	-8.9310	-109.30E-6	-0.49818	3.8262E-6
	55.00000	-11.00000	-8.50000	-4.7472	-8.9310	-96.012E-6	-0.46578	3.5777E-6
	56.00000	-11.00000	-8.50000	-4.4839	-8.9310	-84.585E-6	-0.43597	3.3489E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	57.00000	-11.00000	-8.50000	-4.2343	-8.9310	-74.728E-6	-0.40850	3.1381E-6
	58.00000	-11.00000	-8.50000	-3.9978	-8.9310	-66.201E-6	-0.38317	2.9438E-6
	59.00000	-11.00000	-8.50000	-3.7739	-8.9310	-58.804E-6	-0.35980	2.7643E-6
	60.00000	-11.00000	-8.50000	-3.5619	-8.9310	-52.369E-6	-0.33821	2.5986E-6
	-20.00000	-10.00000	-8.50000	-3.7536	-8.9310	-57.709E-6	-0.35731	2.7452E-6
	-19.00000	-10.00000	-8.50000	-3.9800	-8.9310	-65.004E-6	-0.38080	2.9256E-6
	-18.00000	-10.00000	-8.50000	-4.2196	-8.9310	-73.431E-6	-0.40631	3.1213E-6
	-17.00000	-10.00000	-8.50000	-4.4730	-8.9310	-83.197E-6	-0.43403	3.3340E-6
	-16.00000	-10.00000	-8.50000	-4.7408	-8.9310	-94.555E-6	-0.46419	3.5655E-6
	-15.00000	-10.00000	-8.50000	-5.0239	-8.9310	-107.81E-6	-0.49706	3.8177E-6
	-14.00000	-10.00000	-8.50000	-5.3229	-8.9310	-123.34E-6	-0.53292	4.0927E-6
	-13.00000	-10.00000	-8.50000	-5.6386	-8.9310	-141.58E-6	-0.57208	4.3931E-6
	-12.00000	-10.00000	-8.50000	-5.9715	-8.9310	-163.10E-6	-0.61489	4.7213E-6
	-11.00000	-10.00000	-8.50000	-6.3223	-8.9310	-188.55E-6	-0.66173	5.0803E-6
	-10.00000	-10.00000	-8.50000	-6.6916	-8.9310	-218.72E-6	-0.71300	5.4732E-6
	-9.00000	-10.00000	-8.50000	-7.0798	-8.9310	-254.57E-6	-0.76913	5.9032E-6
	-8.00000	-10.00000	-8.50000	-7.4871	-8.9310	-297.21E-6	-0.83055	6.3736E-6
	-7.00000	-10.00000	-8.50000	-7.9136	-8.9310	-347.90E-6	-0.89769	6.8877E-6
	-6.00000	-10.00000	-8.50000	-8.3591	-8.9310	-408.06E-6	-0.97095	7.4483E-6
	-5.00000	-10.00000	-8.50000	-8.8231	-8.9310	-479.14E-6	-1.0506	8.0578E-6
	-4.00000	-10.00000	-8.50000	-9.3043	-8.9310	-562.53E-6	-1.1369	8.7175E-6
	-3.00000	-10.00000	-8.50000	-9.8014	-8.9310	-659.33E-6	-1.2298	9.4271E-6
	-2.00000	-10.00000	-8.50000	-10.312	-8.9310	-770.07E-6	-1.3289	10.184E-6
	-1.00000	-10.00000	-8.50000	-10.833	-8.9310	-894.33E-6	-1.4336	10.984E-6
	0.00000	-10.00000	-8.50000	-11.362	-8.9310	-0.0010305	-1.5428	11.818E-6
	1.00000	-10.00000	-8.50000	-11.893	-8.9310	-0.0011756	-1.6552	12.675E-6
	2.00000	-10.00000	-8.50000	-12.423	-8.9310	-0.0013254	-1.7688	13.542E-6
	3.00000	-10.00000	-8.50000	-12.946	-8.9310	-0.0014751	-1.8818	14.404E-6
	4.00000	-10.00000	-8.50000	-13.457	-8.9310	-0.0016197	-1.9923	15.247E-6
	5.00000	-10.00000	-8.50000	-13.952	-8.9310	-0.0017550	-2.0983	16.056E-6
	6.00000	-10.00000	-8.50000	-14.426	-8.9310	-0.0018782	-2.1985	16.821E-6
	7.00000	-10.00000	-8.50000	-14.875	-8.9310	-0.0019874	-2.2917	17.533E-6
	8.00000	-10.00000	-8.50000	-15.297	-8.9310	-0.0020824	-2.3774	18.187E-6
	9.00000	-10.00000	-8.50000	-15.690	-8.9310	-0.0021636	-2.4550	18.781E-6
	10.00000	-10.00000	-8.50000	-16.050	-8.9310	-0.0022320	-2.5246	19.313E-6
	11.00000	-10.00000	-8.50000	-16.378	-8.9310	-0.0022891	-2.5863	19.785E-6
	12.00000	-10.00000	-8.50000	-16.672	-8.9310	-0.0023362	-2.6403	20.198E-6
	13.00000	-10.00000	-8.50000	-16.931	-8.9310	-0.0023747	-2.6869	20.554E-6
	14.00000	-10.00000	-8.50000	-17.156	-8.9310	-0.0024057	-2.7264	20.857E-6
	15.00000	-10.00000	-8.50000	-17.345	-8.9310	-0.0024304	-2.7593	21.108E-6
	16.00000	-10.00000	-8.50000	-17.500	-8.9310	-0.0024495	-2.7856	21.310E-6
	17.00000	-10.00000	-8.50000	-17.620	-8.9310	-0.0024636	-2.8058	21.464E-6
	18.00000	-10.00000	-8.50000	-17.705	-8.9310	-0.0024734	-2.8200	21.573E-6
	19.00000	-10.00000	-8.50000	-17.755	-8.9310	-0.0024791	-2.8283	21.637E-6
	20.00000	-10.00000	-8.50000	-17.770	-8.9310	-0.0024809	-2.8308	21.656E-6
	21.00000	-10.00000	-8.50000	-17.750	-8.9310	-0.0024788	-2.8277	21.632E-6
	22.00000	-10.00000	-8.50000	-17.695	-8.9310	-0.0024730	-2.8188	21.564E-6
	23.00000	-10.00000	-8.50000	-17.606	-8.9310	-0.0024630	-2.8040	21.451E-6
	24.00000	-10.00000	-8.50000	-17.481	-8.9310	-0.0024486	-2.7833	21.292E-6
	25.00000	-10.00000	-8.50000	-17.322	-8.9310	-0.0024293	-2.7563	21.086E-6
	26.00000	-10.00000	-8.50000	-17.128	-8.9310	-0.0024044	-2.7230	20.830E-6
	27.00000	-10.00000	-8.50000	-16.898	-8.9310	-0.0023731	-2.6829	20.523E-6
	28.00000	-10.00000	-8.50000	-16.635	-8.9310	-0.0023344	-2.6357	20.162E-6
	29.00000	-10.00000	-8.50000	-16.336	-8.9310	-0.0022871	-2.5812	19.745E-6
	30.00000	-10.00000	-8.50000	-16.005	-8.9310	-0.0022298	-2.5190	19.269E-6
	31.00000	-10.00000	-8.50000	-15.640	-8.9310	-0.0021612	-2.4488	18.733E-6
	32.00000	-10.00000	-8.50000	-15.244	-8.9310	-0.0020798	-2.3707	18.136E-6
	33.00000	-10.00000	-8.50000	-14.818	-8.9310	-0.0019846	-2.2846	17.478E-6
	34.00000	-10.00000	-8.50000	-14.365	-8.9310	-0.0018752	-2.1910	16.763E-6
	35.00000	-10.00000	-8.50000	-13.888	-8.9310	-0.0017519	-2.0904	15.995E-6
	36.00000	-10.00000	-8.50000	-13.391	-8.9310	-0.0016164	-1.9840	15.184E-6
	37.00000	-10.00000	-8.50000	-12.877	-8.9310	-0.0014717	-1.8733	14.339E-6
	38.00000	-10.00000	-8.50000	-12.352	-8.9310	-0.0013220	-1.7601	13.475E-6
	39.00000	-10.00000	-8.50000	-11.821	-8.9310	-0.0011721	-1.6462	12.606E-6
	40.00000	-10.00000	-8.50000	-11.288	-8.9310	-0.0010270	-1.5338	11.748E-6
	41.00000	-10.00000	-8.50000	-10.758	-8.9310	-890.83E-6	-1.4244	10.914E-6
	42.00000	-10.00000	-8.50000	-10.236	-8.9310	-766.59E-6	-1.3197	10.114E-6
	43.00000	-10.00000	-8.50000	-9.7252	-8.9310	-655.90E-6	-1.2206	9.3568E-6
	44.00000	-10.00000	-8.50000	-9.2280	-8.9310	-559.17E-6	-1.1278	8.6477E-6
	45.00000	-10.00000	-8.50000	-8.7470	-8.9310	-475.87E-6	-1.0417	7.9889E-6
	46.00000	-10.00000	-8.50000	-8.2836	-8.9310	-404.90E-6	-0.96213	7.3806E-6
	47.00000	-10.00000	-8.50000	-7.8389	-8.9310	-344.86E-6	-0.88906	6.8214E-6
	48.00000	-10.00000	-8.50000	-7.4135	-8.9310	-294.30E-6	-0.82214	6.3091E-6
	49.00000	-10.00000	-8.50000	-7.0075	-8.9310	-251.81E-6	-0.76096	5.8406E-6
	50.00000	-10.00000	-8.50000	-6.6208	-8.9310	-216.10E-6	-0.70510	5.4126E-6
	51.00000	-10.00000	-8.50000	-6.2533	-8.9310	-186.08E-6	-0.65412	5.0219E-6
	52.00000	-10.00000	-8.50000	-5.9043	-8.9310	-160.79E-6	-0.60758	4.6652E-6
	53.00000	-10.00000	-8.50000	-5.5733	-8.9310	-139.42E-6	-0.56508	4.3393E-6
	54.00000	-10.00000	-8.50000	-5.2598	-8.9310	-121.32E-6	-0.52623	4.0414E-6
	55.00000	-10.00000	-8.50000	-4.9629	-8.9310	-105.94E-6	-0.49069	3.7688E-6
	56.00000	-10.00000	-8.50000	-4.6820	-8.9310	-92.825E-6	-0.45814	3.5190E-6
	57.00000	-10.00000	-8.50000	-4.4164	-8.9310	-81.600E-6	-0.42828	3.2899E-6
	58.00000	-10.00000	-8.50000	-4.1652	-8.9310	-71.960E-6	-0.40087	3.0796E-6
	59.00000	-10.00000	-8.50000	-3.9279	-8.9310	-63.652E-6	-0.37567	2.8861E-6
	60.00000	-10.00000	-8.50000	-3.7037	-8.9310	-56.469E-6	-0.35246	2.7080E-6
	-20.00000	-9.00000	-8.50000	-3.9007	-8.9310	-62.216E-6	-0.37238	2.8609E-6
	-19.00000	-9.00000	-8.50000	-4.1400	-8.9310	-70.352E-6	-0.39761	3.0546E-6
	-18.00000	-9.00000	-8.50000	-4.3937	-8.9310	-79.805E-6	-0.42511	3.2656E-6
	-17.00000	-9.00000	-8.50000	-4.6626	-8.9310	-90.833E-6	-0.45510	3.4958E-6
	-16.00000	-9.00000	-8.50000	-4.9476	-8.9310	-103.75E-6	-0.48788	3.7472E-6
	-15.00000	-9.00000	-8.50000	-5.2494	-8.9310	-118.95E-6	-0.52376	4.0225E-6
	-14.00000	-9.00000	-8.50000	-5.5690	-8.9310	-136.91E-6	-0.56309	4.3241E-6
	-13.00000	-9.00000	-8.50000	-5.9074	-8.9310	-158.23E-6	-0.60629	4.6553E-6
	-12.00000	-9.00000	-8.50000	-6.2653	-8.9310	-183.65E-6	-0.65379	5.0195E-6
	-11.00000	-9.00000	-8.50000	-6.6437	-8.9310	-214.08E-6	-0.70610	5.4204E-6
	-10.00000	-9.00000	-8.50000	-7.0433	-8.9310	-250.66E-6	-0.76378	5.8623E-6
	-9.00000	-9.00000	-8.50000	-7.4650	-8.9310	-294.79E-6	-0.82743	6.3498E-6
	-8.00000	-9.00000	-8.50000	-7.9092	-8.9310	-348.18E-6	-0.89770	6.8877E-6
	-7.00000	-9.00000	-8.50000	-8.3764	-8.9310	-412.87E-6	-0.97525	7.4811E-6
	-6.00000	-9.00000	-8.50000	-8.8666	-8.9310	-491.22E-6	-1.0608	8.1350E-6
	-5.00000	-9.00000	-8.50000	-9.3794	-8.9310	-585.90E-6	-1.1548	8.8539E-6
	-4.00000	-9.00000	-8.50000	-9.9141	-8.9310	-699.64E-6	-1.2578	9.6410E-6
	-3.00000	-9.00000	-8.50000	-10.469	-8.9310	-834.94E-6	-1.3700	10.498E-6
	-2.00000	-9.00000	-8.50000	-11.042	-8.9310	-993.50E-6	-1.4912	11.423E-6
	-1.00000	-9.00000	-8.50000	-11.629	-8.9310	-0.0011755

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	36.00000	-9.00000	-8.50000	-14.536	-8.9310	-0.0022711	-2.3146	17.695E-6
	37.00000	-9.00000	-8.50000	-13.952	-8.9310	-0.0020517	-2.1750	16.632E-6
	38.00000	-9.00000	-8.50000	-13.354	-8.9310	-0.0018231	-2.0319	15.542E-6
	39.00000	-9.00000	-8.50000	-12.750	-8.9310	-0.0015944	-1.8882	14.447E-6
	40.00000	-9.00000	-8.50000	-12.146	-8.9310	-0.0013746	-1.7468	13.370E-6
	41.00000	-9.00000	-8.50000	-11.547	-8.9310	-0.0011713	-1.6103	12.330E-6
	42.00000	-9.00000	-8.50000	-10.958	-8.9310	-989.29E-6	-1.4808	11.342E-6
	43.00000	-9.00000	-8.50000	-10.385	-8.9310	-830.79E-6	-1.3596	10.418E-6
	44.00000	-9.00000	-8.50000	-9.8303	-8.9310	-695.58E-6	-1.2475	9.5617E-6
	45.00000	-9.00000	-8.50000	-9.2960	-8.9310	-581.96E-6	-1.1446	8.7757E-6
	46.00000	-9.00000	-8.50000	-8.7838	-8.9310	-487.43E-6	-1.0508	8.0584E-6
	47.00000	-9.00000	-8.50000	-8.2947	-8.9310	-409.23E-6	-0.96550	7.4063E-6
	48.00000	-9.00000	-8.50000	-7.8288	-8.9310	-344.72E-6	-0.88822	6.8149E-6
	49.00000	-9.00000	-8.50000	-7.3862	-8.9310	-291.51E-6	-0.81825	6.2793E-6
	50.00000	-9.00000	-8.50000	-6.9663	-8.9310	-247.57E-6	-0.75493	5.7943E-6
	51.00000	-9.00000	-8.50000	-6.5686	-8.9310	-211.17E-6	-0.69759	5.3551E-6
	52.00000	-9.00000	-8.50000	-6.1924	-8.9310	-180.93E-6	-0.64564	4.9569E-6
	53.00000	-9.00000	-8.50000	-5.8367	-8.9310	-155.71E-6	-0.59850	4.5956E-6
	54.00000	-9.00000	-8.50000	-5.5008	-8.9310	-134.57E-6	-0.55568	4.2672E-6
	55.00000	-9.00000	-8.50000	-5.1836	-8.9310	-116.79E-6	-0.51671	3.9684E-6
	56.00000	-9.00000	-8.50000	-4.8842	-8.9310	-101.76E-6	-0.48120	3.6960E-6
	57.00000	-9.00000	-8.50000	-4.6018	-8.9310	-89.000E-6	-0.44879	3.4473E-6
	58.00000	-9.00000	-8.50000	-4.3355	-8.9310	-78.123E-6	-0.41915	3.2198E-6
	59.00000	-9.00000	-8.50000	-4.0843	-8.9310	-68.813E-6	-0.39200	3.0115E-6
	60.00000	-9.00000	-8.50000	-3.8474	-8.9310	-60.811E-6	-0.36709	2.8203E-6
	-20.00000	-8.00000	-8.50000	-4.0494	-8.9310	-66.983E-6	-0.38782	2.9794E-6
	-19.00000	-8.00000	-8.50000	-4.3021	-8.9310	-76.033E-6	-0.41490	3.1873E-6
	-18.00000	-8.00000	-8.50000	-4.5705	-8.9310	-86.612E-6	-0.44449	3.4144E-6
	-17.00000	-8.00000	-8.50000	-4.8555	-8.9310	-99.036E-6	-0.47691	3.6631E-6
	-16.00000	-8.00000	-8.50000	-5.1582	-8.9310	-113.70E-6	-0.51249	3.9360E-6
	-15.00000	-8.00000	-8.50000	-5.4797	-8.9310	-131.08E-6	-0.55161	4.2361E-6
	-14.00000	-8.00000	-8.50000	-5.8210	-8.9310	-151.82E-6	-0.59471	4.5666E-6
	-13.00000	-8.00000	-8.50000	-6.1833	-8.9310	-176.67E-6	-0.64231	4.9316E-6
	-12.00000	-8.00000	-8.50000	-6.5677	-8.9310	-206.65E-6	-0.69499	5.3353E-6
	-11.00000	-8.00000	-8.50000	-6.9755	-8.9310	-243.00E-6	-0.75340	5.7828E-6
	-10.00000	-8.00000	-8.50000	-7.4078	-8.9310	-287.34E-6	-0.81830	6.2799E-6
	-9.00000	-8.00000	-8.50000	-7.8656	-8.9310	-341.72E-6	-0.89053	6.8329E-6
	-8.00000	-8.00000	-8.50000	-8.3501	-8.9310	-408.72E-6	-0.97104	7.4489E-6
	-7.00000	-8.00000	-8.50000	-8.8619	-8.9310	-491.62E-6	-1.0608	8.1358E-6
	-6.00000	-8.00000	-8.50000	-9.4017	-8.9310	-594.41E-6	-1.1610	8.9014E-6
	-5.00000	-8.00000	-8.50000	-9.9694	-8.9310	-721.87E-6	-1.2726	9.7539E-6
	-4.00000	-8.00000	-8.50000	-10.565	-8.9310	-879.39E-6	-1.3966	10.700E-6
	-3.00000	-8.00000	-8.50000	-11.186	-8.9310	-0.0010725	-1.5337	11.745E-6
	-2.00000	-8.00000	-8.50000	-11.831	-8.9310	-0.0013057	-1.6839	12.890E-6
	-1.00000	-8.00000	-8.50000	-12.496	-8.9310	-0.0015815	-1.8467	14.129E-6
	0.00000	-8.00000	-8.50000	-13.176	-8.9310	-0.0018976	-2.0203	15.449E-6
	1.00000	-8.00000	-8.50000	-13.865	-8.9310	-0.0022459	-2.2018	16.829E-6
	2.00000	-8.00000	-8.50000	-14.554	-8.9310	-0.0026122	-2.3873	18.239E-6
	3.00000	-8.00000	-8.50000	-15.236	-8.9310	-0.0029783	-2.5720	19.643E-6
	4.00000	-8.00000	-8.50000	-15.903	-8.9310	-0.0033260	-2.7514	21.006E-6
	5.00000	-8.00000	-8.50000	-16.545	-8.9310	-0.0036411	-2.9213	22.298E-6
	6.00000	-8.00000	-8.50000	-17.158	-8.9310	-0.0039155	-3.0789	23.498E-6
	7.00000	-8.00000	-8.50000	-17.735	-8.9310	-0.0041469	-3.2224	24.591E-6
	8.00000	-8.00000	-8.50000	-18.273	-8.9310	-0.0043377	-3.3512	25.572E-6
	9.00000	-8.00000	-8.50000	-18.770	-8.9310	-0.0044925	-3.4654	26.443E-6
	10.00000	-8.00000	-8.50000	-19.222	-8.9310	-0.0046167	-3.5654	27.207E-6
	11.00000	-8.00000	-8.50000	-19.631	-8.9310	-0.0047157	-3.6524	27.871E-6
	12.00000	-8.00000	-8.50000	-19.995	-8.9310	-0.0047942	-3.7271	28.442E-6
	13.00000	-8.00000	-8.50000	-20.315	-8.9310	-0.0048561	-3.7906	28.927E-6
	14.00000	-8.00000	-8.50000	-20.590	-8.9310	-0.0049046	-3.8437	29.334E-6
	15.00000	-8.00000	-8.50000	-20.822	-8.9310	-0.0049421	-3.8873	29.668E-6
	16.00000	-8.00000	-8.50000	-21.010	-8.9310	-0.0049706	-3.9221	29.933E-6
	17.00000	-8.00000	-8.50000	-21.155	-8.9310	-0.0049913	-3.9484	30.135E-6
	18.00000	-8.00000	-8.50000	-21.258	-8.9310	-0.0050055	-3.9669	30.276E-6
	19.00000	-8.00000	-8.50000	-21.318	-8.9310	-0.0050136	-3.9776	30.359E-6
	20.00000	-8.00000	-8.50000	-21.336	-8.9310	-0.0050162	-3.9810	30.384E-6
	21.00000	-8.00000	-8.50000	-21.312	-8.9310	-0.0050133	-3.9769	30.353E-6
	22.00000	-8.00000	-8.50000	-21.246	-8.9310	-0.0050048	-3.9654	30.265E-6
	23.00000	-8.00000	-8.50000	-21.138	-8.9310	-0.0049904	-3.9462	30.118E-6
	24.00000	-8.00000	-8.50000	-20.987	-8.9310	-0.0049693	-3.9191	29.910E-6
	25.00000	-8.00000	-8.50000	-20.793	-8.9310	-0.0049405	-3.8834	29.639E-6
	26.00000	-8.00000	-8.50000	-20.556	-8.9310	-0.0049027	-3.8393	29.300E-6
	27.00000	-8.00000	-8.50000	-20.275	-8.9310	-0.0048539	-3.7854	28.887E-6
	28.00000	-8.00000	-8.50000	-19.950	-8.9310	-0.0047917	-3.7211	28.396E-6
	29.00000	-8.00000	-8.50000	-19.581	-8.9310	-0.0047129	-3.6457	27.820E-6
	30.00000	-8.00000	-8.50000	-19.167	-8.9310	-0.0046135	-3.5581	27.151E-6
	31.00000	-8.00000	-8.50000	-18.709	-8.9310	-0.0044890	-3.4573	26.381E-6
	32.00000	-8.00000	-8.50000	-18.208	-8.9310	-0.0043339	-3.3425	25.506E-6
	33.00000	-8.00000	-8.50000	-17.666	-8.9310	-0.0041428	-3.2131	24.520E-6
	34.00000	-8.00000	-8.50000	-17.084	-8.9310	-0.0039111	-3.0691	23.422E-6
	35.00000	-8.00000	-8.50000	-16.468	-8.9310	-0.0036365	-2.9109	22.219E-6
	36.00000	-8.00000	-8.50000	-15.822	-8.9310	-0.0033212	-2.7406	20.923E-6
	37.00000	-8.00000	-8.50000	-15.153	-8.9310	-0.0029733	-2.5608	19.557E-6
	38.00000	-8.00000	-8.50000	-14.468	-8.9310	-0.0026071	-2.3758	18.151E-6
	39.00000	-8.00000	-8.50000	-13.777	-8.9310	-0.0022407	-2.1901	16.739E-6
	40.00000	-8.00000	-8.50000	-13.086	-8.9310	-0.0018924	-2.0084	15.358E-6
	41.00000	-8.00000	-8.50000	-12.405	-8.9310	-0.0015763	-1.8347	14.037E-6
	42.00000	-8.00000	-8.50000	-11.739	-8.9310	-0.0013006	-1.6719	12.798E-6
	43.00000	-8.00000	-8.50000	-11.094	-8.9310	-0.0010674	-1.5217	11.654E-6
	44.00000	-8.00000	-8.50000	-10.472	-8.9310	-874.47E-6	-1.3848	10.610E-6
	45.00000	-8.00000	-8.50000	-9.8777	-8.9310	-717.12E-6	-1.2610	9.6649E-6
	46.00000	-8.00000	-8.50000	-9.3109	-8.9310	-589.84E-6	-1.1497	8.8144E-6
	47.00000	-8.00000	-8.50000	-8.7724	-8.9310	-487.26E-6	-1.0498	8.0510E-6
	48.00000	-8.00000	-8.50000	-8.2622	-8.9310	-404.58E-6	-0.96032	7.3667E-6
	49.00000	-8.00000	-8.50000	-7.7796	-8.9310	-337.81E-6	-0.88018	6.7535E-6
	50.00000	-8.00000	-8.50000	-7.3238	-8.9310	-283.67E-6	-0.80835	6.2035E-6
	51.00000	-8.00000	-8.50000	-6.8939	-8.9310	-239.57E-6	-0.74386	5.7096E-6
	52.00000	-8.00000	-8.50000	-6.4886	-8.9310	-203.46E-6	-0.68588	5.2654E-6
	53.00000	-8.00000	-8.50000	-6.1068	-8.9310	-173.72E-6	-0.63364	4.8650E-6
	54.00000	-8.00000	-8.50000	-5.7472	-8.9310	-149.09E-6	-0.58648	4.5034E-6
	55.00000	-8.00000	-8.50000	-5.4087	-8.9310	-128.57E-6	-0.54381	4.1762E-6
	56.00000	-8.00000	-8.50000	-5.0901	-8.9310	-111.39E-6	-0.50512	3.8795E-6
	57.00000	-8.00000	-8.50000	-4.7902	-8.9310	-96.928E-6	-0.46997	3.6098E-6
	58.00000	-8.00000	-8.50000	-4.5080	-8.9310	-84.687E-6	-0.43796	3.3642E-6
	59.00000	-8.00000	-8.50000	-4.2425	-8.9310	-74.279E-6	-0.40875	3.1401E-6
	60.00000	-8.00000	-8.50000	-3.9926	-8.9310	-65.387E-6	-0.38206	2.9352E-6
	-20.00000	-7.00000	-8.50000	-4.1994	-8.9310	-71.999E-6	-0.40360	3.1006E-6
	-19.00000	-7.00000	-8.50000	-4.4658	-8.9310	-82.039E-6	-0.43260	3.3232E-6
	-18.00000	-7.00000	-8.50000	-4.7493	-8.9310	-93.845E-6	-0.46442	3.5673E-6
	-17.00000	-7.00000	-8.50000	-5.0510	-8.9310	-107.80E-6	-0.49940	3.8357E-6
	-16.00000	-7.00000	-8.50000	-5.3722	-8.9310	-124.38E-6	-0.53796	4.1314E-6
	-15.00000	-7.00000	-8.50000	-5.7141	-8.9310	-144.22E-6	-0.58055	4.4581E-6
	-14.00000	-7.00000	-8.50000	-6.0781	-8.9310	-168.08E-6	-0.62772	4.8198E-6
	-13.00000	-7.00000	-8.50000	-6.4655	-8.9310	-196.98E-6	-0.68011	5.2213E-6
	-12.00000	-7.00000	-8.50000	-6.8780	-8.9310	-232.24E-6	-0.73846	5.6684E-6
	-11.00000	-7.00000	-8.50000	-7.3170	-8.9310	-275.57E-6	-0.80363	6.1676E-6
	-10.00000	-7.00000	-8.50000	-7.7841	-8.9310	-329.22E-6	-0.87661	6.7264E-6
	-9.00000	-7.00000	-8.50000	-8.2810	-8.9310	-396.17E-6	-0.95859	7.3538E-6
	-8.00000	-7.00000	-8.50000	-8.8091	-8.9310	-480.33E-6	-1.0509	8.0598E-6
	-7.00000	-7.00000	-8.50000	-9.3699	-8.9310	-586.85E-6	-1.1551	8.8562E-6
	-6.00000	-7.00000	-8.50000	-9.9645	-8.9310	-722.44E-6	-1.2729	9.7555E-6
	-5.00000	-7.00000	-8.50000	-10.594	-8.9310	-895.68E-6	-1.4060	10.777E-6
	-4.00000	-7.00000	-8.50000	-11.258	-8.9310	-0.0011170	-1.5564	11.918E-6
	-3.00000	-7.00000	-8.50000	-11.956	-8.9310	-0.0013986	-1.7256	13.206E-6
	-2.00000	-7.00000	-8.50000	-12.685	-8.9310	-0.0017522	-1.9146	14.643E-6
	-1.00000	-7.00000	-8.50000	-13.443	-8.9310	-0.0021867	-2.1232	16.228E-6
	0.00000	-7.00000	-8.50000	-14.222	-8.9310	-0.0027025	-2.3495	17.944E-6
	1.00000	-7.00000	-8.50000	-15.014	-8.9310	-0.0032867	-2.5892	19.761E-6
	2.00000	-7.00000	-8.50000	-15.810	-8.9310	-0.0039103	-2.8360	21.630E-6
	3.00000	-7.00000	-8.50000	-16.599	-8.9310	-0.0045338	-3.0820	23.493E-6
	4.00000	-7.00000	-8.50000	-17.368	-8.9310	-0.0051173	-3.3193	25.291E-6
	5.00000	-7.00000	-8.50000	-18.107	-8.9310	-0.0056320	-3.5417	26.977E-6
	6.00000	-7.00000	-8.50000	-18.809	-8.9310	-0.0060650	-3.7447	28.519E-6
	7.00000	-7.00000	-8.50000	-19.468	-8.9310	-0.0064165	-3.9266	29.901E-6
	8.00000	-7.00000	-8.50000	-20.078	-8.9310	-0.0066955	-4.0870	31.122E-6
	9.00000	-7.00000	-8.50000	-20.638	-8.9310	-0.0069139	-4.2268	32.187E-6
	10.00000	-7.00000	-8.50000	-21.146	-8.9310	-0.0070835	-4.3477	33.109E-6
	11.00000	-7.00000	-8.50000	-21.603	-8.9310	-0.0072149	-4.4512	33.899E-6
	12.00000	-7.00000	-8.50000	-22.008	-8.9310	-0.0073165	-4.5393	34.572E-6
	13.00000	-7.00000	-8.50000	-22.362	-8.9310	-0.0073950	-4.6134	35.138E-6
	14.00000	-7.00000	-8.50000	-22.666	-8.9310	-0.0074554	-4.6749	35.609E-6

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	15.00000	-7.00000	-8.50000	-22.922	-8.9310	-0.0075015	-4.7251	35.992E-6
	16.00000	-7.00000	-8.50000	-23.129	-8.9310	-0.0075360	-4.7648	36.296E-6
	17.00000	-7.00000	-8.50000	-23.288	-8.9310	-0.0075610	-4.7948	36.526E-6
	18.00000	-7.00000	-8.50000	-23.401	-8.9310	-0.0075779	-4.8158	36.686E-6
	19.00000	-7.00000	-8.50000	-23.467	-8.9310	-0.0075876	-4.8280	36.780E-6
	20.00000	-7.00000	-8.50000	-23.487	-8.9310	-0.0075906	-4.8318	36.809E-6
	21.00000	-7.00000	-8.50000	-23.461	-8.9310	-0.0075872	-4.8272	36.773E-6
	22.00000	-7.00000	-8.50000	-23.388	-8.9310	-0.0075771	-4.8141	36.673E-6
	23.00000	-7.00000	-8.50000	-23.269	-8.9310	-0.0075599	-4.7923	36.506E-6
	24.00000	-7.00000	-8.50000	-23.104	-8.9310	-0.0075345	-4.7614	36.270E-6
	25.00000	-7.00000	-8.50000	-22.890	-8.9310	-0.0074996	-4.7208	35.960E-6
	26.00000	-7.00000	-8.50000	-22.629	-8.9310	-0.0074531	-4.6698	35.570E-6
	27.00000	-7.00000	-8.50000	-22.319	-8.9310	-0.0073923	-4.6075	35.093E-6
	28.00000	-7.00000	-8.50000	-21.958	-8.9310	-0.0073134	-4.5325	34.520E-6
	29.00000	-7.00000	-8.50000	-21.547	-8.9310	-0.0072114	-4.4436	33.841E-6
	30.00000	-7.00000	-8.50000	-21.085	-8.9310	-0.0070796	-4.3392	33.044E-6
	31.00000	-7.00000	-8.50000	-20.571	-8.9310	-0.0069096	-4.2176	32.117E-6
	32.00000	-7.00000	-8.50000	-20.006	-8.9310	-0.0066909	-4.0770	31.045E-6
	33.00000	-7.00000	-8.50000	-19.391	-8.9310	-0.0064115	-3.9159	29.820E-6
	34.00000	-7.00000	-8.50000	-18.728	-8.9310	-0.0060596	-3.7334	28.432E-6
	35.00000	-7.00000	-8.50000	-18.022	-8.9310	-0.0056264	-3.5298	26.886E-6
	36.00000	-7.00000	-8.50000	-17.279	-8.9310	-0.0051114	-3.3069	25.196E-6
	37.00000	-7.00000	-8.50000	-16.506	-8.9310	-0.0045277	-3.0691	23.394E-6
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	39.00000	-7.00000	-8.50000	-14.917	-8.9310	-0.0032804	-2.5757	19.657E-6
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	45.00000	-7.00000	-8.50000	-10.493	-8.9310	-889.90E-6	-1.3928	10.670E-6
	46.00000	-7.00000	-8.50000	-9.8649	-8.9310	-716.91E-6	-1.2599	9.6564E-6
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	50.00000	-7.00000	-8.50000	-7.6926	-8.9310	-324.85E-6	-0.86540	6.6404E-6
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	52.00000	-7.00000	-8.50000	-6.7921	-8.9310	-228.48E-6	-0.72827	5.5902E-6
	53.00000	-7.00000	-8.50000	-6.3826	-8.9310	-193.51E-6	-0.67044	5.1471E-6
	54.00000	-7.00000	-8.50000	-5.9983	-8.9310	-164.89E-6	-0.61857	4.7495E-6
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	-15.00000	-6.00000	-8.50000	-5.9519	-8.9310	-158.34E-6	-0.61050	4.6878E-6
	-14.00000	-6.00000	-8.50000	-6.3394	-8.9310	-185.70E-6	-0.66203	5.0828E-6
	-13.00000	-6.00000	-8.50000	-6.7532	-8.9310	-219.18E-6	-0.71960	5.5239E-6
	-12.00000	-6.00000	-8.50000	-7.1951	-8.9310	-260.49E-6	-0.78412	6.0182E-6
	-11.00000	-6.00000	-8.50000	-7.6671	-8.9310	-311.95E-6	-0.85671	6.5741E-6
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	-9.00000	-6.00000	-8.50000	-8.7099	-8.9310	-458.88E-6	-1.0317	7.9128E-6
	-8.00000	-6.00000	-8.50000	-9.2852	-8.9310	-564.42E-6	-1.1375	8.7219E-6
	-7.00000	-6.00000	-8.50000	-9.8994	-8.9310	-701.34E-6	-1.2585	9.6459E-6
	-6.00000	-6.00000	-8.50000	-10.555	-8.9310	-880.75E-6	-1.3972	10.705E-6
	-5.00000	-6.00000	-8.50000	-11.253	-8.9310	-0.0011179	-1.5568	11.921E-6
	-4.00000	-6.00000	-8.50000	-11.995	-8.9310	-0.0014330	-1.7406	13.320E-6
	-3.00000	-6.00000	-8.50000	-12.781	-8.9310	-0.0018523	-1.9519	14.925E-6
	-2.00000	-6.00000	-8.50000	-13.610	-8.9310	-0.0024057	-2.1936	16.759E-6
	-1.00000	-6.00000	-8.50000	-14.478	-8.9310	-0.0031221	-2.4670	18.829E-6
	0.00000	-6.00000	-8.50000	-15.378	-8.9310	-0.0040157	-2.7707	21.123E-6
	1.00000	-6.00000	-8.50000	-16.299	-8.9310	-0.0050687	-3.0985	23.595E-6
	2.00000	-6.00000	-8.50000	-17.228	-8.9310	-0.0062186	-3.4397	26.166E-6
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	4.00000	-6.00000	-8.50000	-19.046	-8.9310	-0.0084205	-4.1053	31.183E-6
	5.00000	-6.00000	-8.50000	-19.904	-8.9310	-0.0093129	-4.4047	33.445E-6
	6.00000	-6.00000	-8.50000	-20.714	-8.9310	-0.010027	-4.6723	35.470E-6
	7.00000	-6.00000	-8.50000	-21.468	-8.9310	-0.010579	-4.9063	37.244E-6
	8.00000	-6.00000	-8.50000	-22.162	-8.9310	-0.010995	-5.1082	38.777E-6
	9.00000	-6.00000	-8.50000	-22.794	-8.9310	-0.011307	-5.2807	40.089E-6
	10.00000	-6.00000	-8.50000	-23.365	-8.9310	-0.011540	-5.4271	41.204E-6
	11.00000	-6.00000	-8.50000	-23.875	-8.9310	-0.011715	-5.5507	42.147E-6
	12.00000	-6.00000	-8.50000	-24.325	-8.9310	-0.011846	-5.6544	42.938E-6
	13.00000	-6.00000	-8.50000	-24.717	-8.9310	-0.011945	-5.7407	43.598E-6
	14.00000	-6.00000	-8.50000	-25.053	-8.9310	-0.012020	-5.8118	44.141E-6
	15.00000	-6.00000	-8.50000	-25.334	-8.9310	-0.012077	-5.8693	44.581E-6
	16.00000	-6.00000	-8.50000	-25.561	-8.9310	-0.012118	-5.9146	44.927E-6
	17.00000	-6.00000	-8.50000	-25.736	-8.9310	-0.012148	-5.9488	45.188E-6
	18.00000	-6.00000	-8.50000	-25.859	-8.9310	-0.012168	-5.9725	45.370E-6
	19.00000	-6.00000	-8.50000	-25.932	-8.9310	-0.012180	-5.9863	45.476E-6
	20.00000	-6.00000	-8.50000	-25.954	-8.9310	-0.012183	-5.9905	45.508E-6
	21.00000	-6.00000	-8.50000	-25.925	-8.9310	-0.012179	-5.9853	45.468E-6
	22.00000	-6.00000	-8.50000	-25.846	-8.9310	-0.012167	-5.9705	45.355E-6
	23.00000	-6.00000	-8.50000	-25.716	-8.9310	-0.012147	-5.9459	45.166E-6
	24.00000	-6.00000	-8.50000	-25.534	-8.9310	-0.012116	-5.9108	44.898E-6
	25.00000	-6.00000	-8.50000	-25.300	-8.9310	-0.012074	-5.8645	44.544E-6
	26.00000	-6.00000	-8.50000	-25.012	-8.9310	-0.012018	-5.8060	44.097E-6
	27.00000	-6.00000	-8.50000	-24.670	-8.9310	-0.011942	-5.7340	43.546E-6
	28.00000	-6.00000	-8.50000	-24.271	-8.9310	-0.011842	-5.6466	42.879E-6
	29.00000	-6.00000	-8.50000	-23.814	-8.9310	-0.011710	-5.5419	42.080E-6
	30.00000	-6.00000	-8.50000	-23.298	-8.9310	-0.011535	-5.4174	41.130E-6
	31.00000	-6.00000	-8.50000	-22.721	-8.9310	-0.011302	-5.2701	40.008E-6
	32.00000	-6.00000	-8.50000	-22.083	-8.9310	-0.010989	-5.0967	38.689E-6
	33.00000	-6.00000	-8.50000	-21.383	-8.9310	-0.010572	-4.8940	37.150E-6
	34.00000	-6.00000	-8.50000	-20.624	-8.9310	-0.010021	-4.6592	35.369E-6
	35.00000	-6.00000	-8.50000	-19.810	-8.9310	-0.009305	-4.3910	33.339E-6
	36.00000	-6.00000	-8.50000	-18.947	-8.9310	-0.0084132	-4.0909	31.073E-6
	37.00000	-6.00000	-8.50000	-18.047	-8.9310	-0.0073607	-3.7651	28.616E-6
	38.00000	-6.00000	-8.50000	-17.123	-8.9310	-0.0062109	-3.4244	26.049E-6
	39.00000	-6.00000	-8.50000	-16.191	-8.9310	-0.0050608	-3.0829	23.475E-6
	40.00000	-6.00000	-8.50000	-15.267	-8.9310	-0.0040078	-2.7549	21.001E-6
	41.00000

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-6.00000	-5.00000	-8.50000	-11.171	-8.9310	-0.0010749	-1.5349	11.754E-6
	-5.00000	-5.00000	-8.50000	-11.945	-8.9310	-0.0014005	-1.7266	13.214E-6
	-4.00000	-5.00000	-8.50000	-12.776	-8.9310	-0.0018534	-1.9525	14.930E-6
	-3.00000	-5.00000	-8.50000	-13.664	-8.9310	-0.0024896	-2.2192	16.952E-6
	-2.00000	-5.00000	-8.50000	-14.610	-8.9310	-0.0033844	-2.5338	19.330E-6
	-1.00000	-5.00000	-8.50000	-15.612	-8.9310	-0.0046272	-2.9018	22.103E-6
	0.00000	-5.00000	-8.50000	-16.662	-8.9310	-0.0062927	-3.3244	25.276E-6
	1.00000	-5.00000	-8.50000	-17.747	-8.9310	-0.0083793	-3.7939	28.791E-6
	2.00000	-5.00000	-8.50000	-18.847	-8.9310	-0.010742	-4.2910	32.505E-6
	3.00000	-5.00000	-8.50000	-19.938	-8.9310	-0.013104	-4.7872	36.212E-6
	4.00000	-5.00000	-8.50000	-20.997	-8.9310	-0.015190	-5.2541	39.705E-6
	5.00000	-5.00000	-8.50000	-22.003	-8.9310	-0.016854	-5.6721	42.844E-6
	6.00000	-5.00000	-8.50000	-22.943	-8.9310	-0.018095	-6.0338	45.568E-6
	7.00000	-5.00000	-8.50000	-23.811	-8.9310	-0.018987	-6.3401	47.883E-6
	8.00000	-5.00000	-8.50000	-24.602	-8.9310	-0.019620	-6.5967	49.827E-6
	9.00000	-5.00000	-8.50000	-25.317	-8.9310	-0.020069	-6.8105	51.450E-6
	10.00000	-5.00000	-8.50000	-25.958	-8.9310	-0.020390	-6.9882	52.802E-6
	11.00000	-5.00000	-8.50000	-26.527	-8.9310	-0.020622	-7.1356	53.925E-6
	12.00000	-5.00000	-8.50000	-27.027	-8.9310	-0.020791	-7.2575	54.855E-6
	13.00000	-5.00000	-8.50000	-27.460	-8.9310	-0.020916	-7.3579	55.621E-6
	14.00000	-5.00000	-8.50000	-27.830	-8.9310	-0.021009	-7.4397	56.246E-6
	15.00000	-5.00000	-8.50000	-28.138	-8.9310	-0.021077	-7.5054	56.748E-6
	16.00000	-5.00000	-8.50000	-28.387	-8.9310	-0.021127	-7.5569	57.142E-6
	17.00000	-5.00000	-8.50000	-28.578	-8.9310	-0.021162	-7.5955	57.436E-6
	18.00000	-5.00000	-8.50000	-28.712	-8.9310	-0.021186	-7.6222	57.641E-6
	19.00000	-5.00000	-8.50000	-28.791	-8.9310	-0.021200	-7.6377	57.760E-6
	20.00000	-5.00000	-8.50000	-28.815	-8.9310	-0.021204	-7.6425	57.796E-6
	21.00000	-5.00000	-8.50000	-28.784	-8.9310	-0.021199	-7.6366	57.751E-6
	22.00000	-5.00000	-8.50000	-28.697	-8.9310	-0.021185	-7.6200	57.624E-6
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	24.00000	-5.00000	-8.50000	-28.357	-8.9310	-0.021125	-7.5525	57.108E-6
	25.00000	-5.00000	-8.50000	-28.100	-8.9310	-0.021074	-7.5000	56.706E-6
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	27.00000	-5.00000	-8.50000	-27.408	-8.9310	-0.020912	-7.3501	55.561E-6
	28.00000	-5.00000	-8.50000	-26.967	-8.9310	-0.020787	-7.2487	54.787E-6
	29.00000	-5.00000	-8.50000	-26.460	-8.9310	-0.020617	-7.1256	53.848E-6
	30.00000	-5.00000	-8.50000	-25.884	-8.9310	-0.020384	-6.9771	52.717E-6
	31.00000	-5.00000	-8.50000	-25.236	-8.9310	-0.020062	-6.7983	51.357E-6
	32.00000	-5.00000	-8.50000	-24.514	-8.9310	-0.019613	-6.5834	49.725E-6
	33.00000	-5.00000	-8.50000	-23.717	-8.9310	-0.018979	-6.3259	47.773E-6
	34.00000	-5.00000	-8.50000	-22.844	-8.9310	-0.018086	-6.0186	45.452E-6
	35.00000	-5.00000	-8.50000	-21.898	-8.9310	-0.016845	-5.6561	42.721E-6
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	38.00000	-5.00000	-8.50000	-18.729	-8.9310	-0.010732	-4.2732	32.368E-6
	39.00000	-5.00000	-8.50000	-17.626	-8.9310	-0.0083695	-3.7758	28.651E-6
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	41.00000	-5.00000	-8.50000	-15.488	-8.9310	-0.0046174	-2.8834	21.961E-6
	42.00000	-5.00000	-8.50000	-14.486	-8.9310	-0.0033747	-2.5154	19.189E-6
	43.00000	-5.00000	-8.50000	-13.539	-8.9310	-0.0024802	-2.2010	16.813E-6
	44.00000	-5.00000	-8.50000	-12.652	-8.9310	-0.0018444	-1.9346	14.793E-6
	45.00000	-5.00000	-8.50000	-11.823	-8.9310	-0.0013918	-1.7092	13.080E-6
	46.00000	-5.00000	-8.50000	-11.050	-8.9310	-0.0010666	-1.5179	11.624E-6
	47.00000	-5.00000	-8.50000	-10.331	-8.9310	-829.86E-6	-1.3548	10.381E-6
	48.00000	-5.00000	-8.50000	-9.6613	-8.9310	-654.86E-6	-1.2151	9.3144E-6
	49.00000	-5.00000	-8.50000	-9.0385	-8.9310	-523.55E-6	-1.0946	8.3937E-6
	50.00000	-5.00000	-8.50000	-8.4589	-8.9310	-423.58E-6	-0.99006	7.5945E-6
	51.00000	-5.00000	-8.50000	-7.9192	-8.9310	-346.43E-6	-0.89890	6.8970E-6
	52.00000	-5.00000	-8.50000	-7.4164	-8.9310	-286.11E-6	-0.81896	6.2850E-6
	53.00000	-5.00000	-8.50000	-6.9478	-8.9310	-238.40E-6	-0.74852	5.7455E-6
	54.00000	-5.00000	-8.50000	-6.5107	-8.9310	-200.25E-6	-0.68615	5.2676E-6
	55.00000	-5.00000	-8.50000	-6.1029	-8.9310	-169.44E-6	-0.63070	4.8426E-6
	56.00000	-5.00000	-8.50000	-5.7221	-8.9310	-144.32E-6	-0.58119	4.4630E-6
	57.00000	-5.00000	-8.50000	-5.3663	-8.9310	-123.69E-6	-0.53684	4.1229E-6
	58.00000	-5.00000	-8.50000	-5.0338	-8.9310	-106.60E-6	-0.4969	3.8170E-6
	59.00000	-5.00000	-8.50000	-4.7228	-8.9310	-92.342E-6	-0.46100	3.5411E-6
	60.00000	-5.00000	-8.50000	-4.4319	-8.9310	-80.374E-6	-0.42847	3.2914E-6
	-20.00000	-4.00000	-8.50000	-4.6514	-8.9310	-88.372E-6	-0.45233	3.4750E-6
	-19.00000	-4.00000	-8.50000	-4.9607	-8.9310	-101.81E-6	-0.48765	3.7455E-6
	-18.00000	-4.00000	-8.50000	-5.2918	-8.9310	-117.87E-6	-0.52673	4.0454E-6
	-17.00000	-4.00000	-8.50000	-5.6464	-8.9310	-137.20E-6	-0.57018	4.3786E-6
	-16.00000	-4.00000	-8.50000	-6.0263	-8.9310	-160.66E-6	-0.61866	4.7504E-6
	-15.00000	-4.00000	-8.50000	-6.4337	-8.9310	-189.35E-6	-0.67295	5.1666E-6
	-14.00000	-4.00000	-8.50000	-6.8708	-8.9310	-224.79E-6	-0.73401	5.6345E-6
	-13.00000	-4.00000	-8.50000	-7.3403	-8.9310	-269.02E-6	-0.80299	6.1630E-6
	-12.00000	-4.00000	-8.50000	-7.8448	-8.9310	-324.84E-6	-0.88131	6.7627E-6
	-11.00000	-4.00000	-8.50000	-8.3876	-8.9310	-396.20E-6	-0.97072	7.4471E-6
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	-9.00000	-4.00000	-8.50000	-9.6022	-8.9310	-610.66E-6	-1.1922	9.1405E-6
	-8.00000	-4.00000	-8.50000	-10.282	-8.9310	-774.11E-6	-1.3306	10.197E-6
	-7.00000	-4.00000	-8.50000	-11.017	-8.9310	-997.58E-6	-1.4932	11.419E-6
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	-4.00000	-4.00000	-8.50000	-13.600	-8.9310	-0.0024086	-2.1952	16.771E-6
	-3.00000	-4.00000	-8.50000	-14.605	-8.9310	-0.0033861	-2.5348	19.338E-6
	-2.00000	-4.00000	-8.50000	-15.691	-8.9310	-0.0048754	-2.9511	22.470E-6
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	0.00000	-4.00000	-8.50000	-18.096	-8.9310	-0.010547	-4.0765	30.863E-6
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	2.00000	-4.00000	-8.50000	-20.722	-8.9310	-0.020910	-5.5740	41.902E-6
	3.00000	-4.00000	-8.50000	-22.040	-8.9310	-0.026575	-6.3542	47.641E-6
	4.00000	-4.00000	-8.50000	-23.311	-8.9310	-0.031272	-7.0677	52.911E-6
	5.00000	-4.00000	-8.50000	-24.505	-8.9310	-0.034665	-7.6784	57.451E-6
	6.00000	-4.00000	-8.50000	-25.606	-8.9310	-0.036940	-8.1813	61.214E-6
	7.00000	-4.00000	-8.50000	-26.608	-8.9310	-0.038426	-8.5888	64.279E-6
	8.00000	-4.00000	-8.50000	-27.512	-8.9310	-0.039400	-8.9175	66.762E-6
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	10.00000	-4.00000	-8.50000	-29.039	-8.9310	-0.040489	-9.3987	70.412E-6
	11.00000	-4.00000	-8.50000	-29.673	-8.9310	-0.040795	-9.5741	71.747E-6
	12.00000	-4.00000	-8.50000	-30.226	-8.9310	-0.041012	-9.7169	72.836E-6
	13.00000	-4.00000	-8.50000	-30.703	-8.9310	-0.041166	-9.8330	73.722E-6
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	15.00000	-4.00000	-8.50000	-31.447	-8.9310	-0.041363	-10.002	75.008E-6
	16.00000	-4.00000	-8.50000	-31.718	-8.9310	-0.041422	-10.060	75.453E-6
	17.00000	-4.00000	-8.50000	-31.926	-8.9310	-0.041464	-10.103	75.784E-6
	18.00000	-4.00000	-8.50000	-32.073	-8.9310	-0.041492	-10.133	76.013E-6
	19.00000	-4.00000	-8.50000	-32.158	-8.9310	-0.041507	-10.150	76.146E-6
	20.00000	-4.00000	-8.50000	-32.184	-8.9310	-0.041512	-10.156	76.187E-6
	21.00000	-4.00000	-8.50000	-32.150	-8.9310	-0.041507	-10.149	76.137E-6
	22.00000	-4.00000	-8.50000	-32.056	-8.9310	-0.041491	-10.131	75.995E-6
	23.00000	-4.00000	-8.50000	-31.902	-8.9310	-0.041462	-10.099	75.756E-6
	24.00000	-4.00000	-8.50000	-31.685	-8.9310	-0.041420	-10.055	75.415E-6
	25.00000	-4.00000	-8.50000	-31.406	-8.9310	-0.041360	-9.9953	74.960E-6
	26.00000	-4.00000	-8.50000	-31.060	-8.9310	-0.041277	-9.9193	74.380E-6
	27.00000	-4.00000	-8.50000	-30.646	-8.9310	-0.041163	-9.8242	73.654E-6
	28.00000	-4.00000	-8.50000	-30.160	-8.9310	-0.041007	-9.7067	72.758E-6
	29.00000	-4.00000	-8.50000	-29.599	-8.9310	-0.040789	-9.5626	71.659E-6
	30.00000	-4.00000	-8.50000	-28.957	-8.9310	-0.040482	-9.3859	70.314E-6
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	32.00000	-4.00000	-8.50000	-27.415	-8.9310	-0.039391	-8.9021	66.644E-6
	33.00000	-4.00000	-8.50000	-26.504	-8.9310	-0.038416	-8.5722	64.152E-6
	34.00000	-4.00000	-8.50000	-25.495	-8.9310	-0.036929	-8.1637	61.079E-6
	35.00000	-4.00000	-8.50000	-24.388	-8.9310	-0.034654	-7.6597	57.308E-6
	36.00000	-4.00000	-8.50000	-23.189	-8.9310	-0.031261	-7.0482	52.762E-6
	37.00000	-4.00000	-8.50000	-21.913	-8.9310	-0.026563	-6.3340	47.486E-6
	38.00000	-4.00000	-8.50000	-20.591	-8.9310	-0.020898	-5.5532	41.743E-6
	39.00000	-4.00000	-8.50000	-19.260	-8.9310	-0.015233	-4.7717	35.994E-6
	40.00000	-4.00000	-8.50000	-17.960	-8.9310	-0.010534	-4.0550	30.699E-6
	41.00000	-4.00000	-8.50000	-16.718	-8.9310	-0.0071399	-3.4394	26.121E-6
	42.00000	-4.00000	-8.50000	-15.552	-8.9310	-0.0048633	-2.9297	22.306E-6
	43.00000	-4.00000	-8.50000	-14.467	-8.9310	-0.0033744	-2.5137	19.176E-6
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	45.00000	-4.00000	-8.50000	-12.534	-8.9310	-0.0017449	-1.8964	14.504E-6
	46.00000	-4.00000	-8.50000	-11.677	-8.9310	-0.0012995	-1.6664	12.755E-6
	47.00000	-4.00000	-8.50000	-10.886	-8.9310	-988.01E-6	-1.4744	11.293E-6
	48.00000	-4.00000	-8.50000	-10.155	-8.9310	-765.21E-6	-1.3126	10.059E-6
	49.00000	-4.00000	-8.50000	-9.4789	-8.9310	-602.42E-6	-1.1751	9.0090E-6
	50.00000	-4.00000	-8.50000	-8.8530	-8.9310	-481.17E-6	-1.0572	8.1079E-6
	51.00000	-4.00000	-8.50000	-8.2728	-8.9310	-389.28E-6	-0.95535	7.3292E-6
	52.00000	-4.00000	-8.50000	-7.7345	-8.9310	-318.54E-6	-0.86684	6.6518E-6
	53.00000	-4.00000	-8.50000	-7.2346	-8.9310	-263.31E-6	-0.78942	6.0589E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	54.00000	-4.00000	-8.50000	-6.7698	-8.9310	-219.64E-6	-0.72132	5.5372E-6
	55.00000	-4.00000	-8.50000	-6.3374	-8.9310	-184.71E-6	-0.66110	5.0757E-6
	56.00000	-4.00000	-8.50000	-5.9348	-8.9310	-156.48E-6	-0.60763	4.6657E-6
	57.00000	-4.00000	-8.50000	-5.5595	-8.9310	-133.46E-6	-0.55992	4.2999E-6
	58.00000	-4.00000	-8.50000	-5.2095	-8.9310	-114.52E-6	-0.51721	3.9723E-6
	59.00000	-4.00000	-8.50000	-4.8828	-8.9310	-98.821E-6	-0.47883	3.6779E-6
	60.00000	-4.00000	-8.50000	-4.5778	-8.9310	-85.708E-6	-0.44422	3.4124E-6
	-20.00000	-3.00000	-8.50000	-4.8008	-8.9310	-94.189E-6	-0.46890	3.6017E-6
	-19.00000	-3.00000	-8.50000	-5.1248	-8.9310	-108.88E-6	-0.50637	3.8892E-6
	-18.00000	-3.00000	-8.50000	-5.4722	-8.9310	-126.52E-6	-0.54803	4.2088E-6
	-17.00000	-3.00000	-8.50000	-5.8450	-8.9310	-147.88E-6	-0.59452	4.5653E-6
	-16.00000	-3.00000	-8.50000	-6.2453	-8.9310	-173.96E-6	-0.64658	4.9645E-6
	-15.00000	-3.00000	-8.50000	-6.6756	-8.9310	-206.08E-6	-0.70514	5.4134E-6
	-14.00000	-3.00000	-8.50000	-7.1384	-8.9310	-246.05E-6	-0.77131	5.9204E-6
	-13.00000	-3.00000	-8.50000	-7.6369	-8.9310	-296.39E-6	-0.84647	6.4961E-6
	-12.00000	-3.00000	-8.50000	-8.1744	-8.9310	-360.58E-6	-0.93232	7.1534E-6
	-11.00000	-3.00000	-8.50000	-8.7546	-8.9310	-443.66E-6	-1.0310	7.9088E-6
	-10.00000	-3.00000	-8.50000	-9.3818	-8.9310	-552.94E-6	-1.1454	8.7830E-6
	-9.00000	-3.00000	-8.50000	-10.061	-8.9310	-699.42E-6	-1.2789	9.8030E-6
	-8.00000	-3.00000	-8.50000	-10.798	-8.9310	-899.98E-6	-1.4363	11.004E-6
	-7.00000	-3.00000	-8.50000	-11.598	-8.9310	-0.0011814	-1.6238	12.433E-6
	-6.00000	-3.00000	-8.50000	-12.470	-8.9310	-0.0015874	-1.8499	14.154E-6
	-5.00000	-3.00000	-8.50000	-13.422	-8.9310	-0.0021924	-2.1265	16.253E-6
	-4.00000	-3.00000	-8.50000	-14.462	-8.9310	-0.0031272	-2.4701	18.852E-6
	-3.00000	-3.00000	-8.50000	-15.602	-8.9310	-0.0046314	-2.9043	22.122E-6
	-2.00000	-3.00000	-8.50000	-16.851	-8.9310	-0.0071547	-3.4624	26.298E-6
	-1.00000	-3.00000	-8.50000	-18.218	-8.9310	-0.011540	-4.1895	31.687E-6
	0.00000	-3.00000	-8.50000	-19.703	-8.9310	-0.019221	-5.1369	38.619E-6
	1.00000	-3.00000	-8.50000	-21.292	-8.9310	-0.031862	-6.3324	47.230E-6
	2.00000	-3.00000	-8.50000	-22.941	-8.9310	-0.049089	-7.7126	57.049E-6
	3.00000	-3.00000	-8.50000	-24.580	-8.9310	-0.066315	-9.0917	66.859E-6
	4.00000	-3.00000	-8.50000	-26.140	-8.9310	-0.078955	-10.284	75.446E-6
	5.00000	-3.00000	-8.50000	-27.577	-8.9310	-0.086635	-11.226	82.337E-6
	6.00000	-3.00000	-8.50000	-28.876	-8.9310	-0.091017	-11.946	87.669E-6
	7.00000	-3.00000	-8.50000	-30.038	-8.9310	-0.093537	-12.494	91.772E-6
	8.00000	-3.00000	-8.50000	-31.070	-8.9310	-0.095037	-12.917	94.952E-6
	9.00000	-3.00000	-8.50000	-31.983	-8.9310	-0.095966	-13.247	97.444E-6
	10.00000	-3.00000	-8.50000	-32.787	-8.9310	-0.096565	-13.507	99.419E-6
	11.00000	-3.00000	-8.50000	-33.490	-8.9310	-0.096965	-13.714	101.00E-6
	12.00000	-3.00000	-8.50000	-34.101	-8.9310	-0.097239	-13.881	102.26E-6
	13.00000	-3.00000	-8.50000	-34.625	-8.9310	-0.097431	-14.014	103.28E-6
	14.00000	-3.00000	-8.50000	-35.069	-8.9310	-0.097567	-14.121	104.10E-6
	15.00000	-3.00000	-8.50000	-35.437	-8.9310	-0.097665	-14.206	104.74E-6
	16.00000	-3.00000	-8.50000	-35.732	-8.9310	-0.097735	-14.271	105.24E-6
	17.00000	-3.00000	-8.50000	-35.958	-8.9310	-0.097783	-14.319	105.61E-6
	18.00000	-3.00000	-8.50000	-36.117	-8.9310	-0.097815	-14.353	105.87E-6
	19.00000	-3.00000	-8.50000	-36.209	-8.9310	-0.097834	-14.372	106.01E-6
	20.00000	-3.00000	-8.50000	-36.237	-8.9310	-0.097839	-14.378	106.06E-6
	21.00000	-3.00000	-8.50000	-36.200	-8.9310	-0.097833	-14.371	106.00E-6
	22.00000	-3.00000	-8.50000	-36.099	-8.9310	-0.097814	-14.350	105.85E-6
	23.00000	-3.00000	-8.50000	-35.931	-8.9310	-0.097781	-14.315	105.58E-6
	24.00000	-3.00000	-8.50000	-35.696	-8.9310	-0.097732	-14.265	105.20E-6
	25.00000	-3.00000	-8.50000	-35.392	-8.9310	-0.097661	-14.198	104.69E-6
	26.00000	-3.00000	-8.50000	-35.015	-8.9310	-0.097562	-14.113	104.03E-6
	27.00000	-3.00000	-8.50000	-34.562	-8.9310	-0.097425	-14.004	103.20E-6
	28.00000	-3.00000	-8.50000	-34.029	-8.9310	-0.097232	-13.869	102.17E-6
	29.00000	-3.00000	-8.50000	-33.409	-8.9310	-0.096957	-13.701	100.89E-6
	30.00000	-3.00000	-8.50000	-32.697	-8.9310	-0.096557	-13.492	99.305E-6
	31.00000	-3.00000	-8.50000	-31.884	-8.9310	-0.095956	-13.230	97.319E-6
	32.00000	-3.00000	-8.50000	-30.963	-8.9310	-0.095026	-12.899	94.815E-6
	33.00000	-3.00000	-8.50000	-29.922	-8.9310	-0.093525	-12.475	91.624E-6
	34.00000	-3.00000	-8.50000	-28.753	-8.9310	-0.091004	-11.925	87.511E-6
	35.00000	-3.00000	-8.50000	-27.447	-8.9310	-0.086621	-11.204	82.170E-6
	36.00000	-3.00000	-8.50000	-26.004	-8.9310	-0.078941	-10.261	75.271E-6
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	38.00000	-3.00000	-8.50000	-22.795	-8.9310	-0.049073	-7.6881	56.861E-6
	39.00000	-3.00000	-8.50000	-21.142	-8.9310	-0.031847	-6.3075	47.038E-6
	40.00000	-3.00000	-8.50000	-19.551	-8.9310	-0.019205	-5.1117	38.426E-6
	41.00000	-3.00000	-8.50000	-18.064	-8.9310	-0.011524	-4.1643	31.494E-6
	42.00000	-3.00000	-8.50000	-16.697	-8.9310	-0.0071394	-3.4374	26.106E-6
	43.00000	-3.00000	-8.50000	-15.448	-8.9310	-0.0046165	-2.8796	21.933E-6
	44.00000	-3.00000	-8.50000	-14.310	-8.9310	-0.0031130	-2.4460	18.667E-6
	45.00000	-3.00000	-8.50000	-13.272	-8.9310	-0.0021789	-2.1030	16.073E-6
	46.00000	-3.00000	-8.50000	-12.323	-8.9310	-0.0015747	-1.8273	13.980E-6
	47.00000	-3.00000	-8.50000	-11.455	-8.9310	-0.0011696	-1.6021	12.267E-6
	48.00000	-3.00000	-8.50000	-10.658	-8.9310	-889.05E-6	-1.4156	10.846E-6
	49.00000	-3.00000	-8.50000	-9.9258	-8.9310	-689.38E-6	-1.2593	9.6526E-6
	50.00000	-3.00000	-8.50000	-9.2514	-8.9310	-543.77E-6	-1.1269	8.6410E-6
	51.00000	-3.00000	-8.50000	-8.6292	-8.9310	-435.32E-6	-1.0136	7.7752E-6
	52.00000	-3.00000	-8.50000	-8.0543	-8.9310	-353.05E-6	-0.91601	7.0283E-6
	53.00000	-3.00000	-8.50000	-7.5222	-8.9310	-289.60E-6	-0.83123	6.3792E-6
	54.00000	-3.00000	-8.50000	-7.0292	-8.9310	-239.97E-6	-0.75712	5.8115E-6
	55.00000	-3.00000	-8.50000	-6.5717	-8.9310	-200.63E-6	-0.69195	5.3122E-6
	56.00000	-3.00000	-8.50000	-6.1468	-8.9310	-169.10E-6	-0.63435	4.8707E-6
	57.00000	-3.00000	-8.50000	-5.7517	-8.9310	-143.56E-6	-0.58320	4.4785E-6
	58.00000	-3.00000	-8.50000	-5.3841	-8.9310	-122.68E-6	-0.53757	4.1285E-6
	59.00000	-3.00000	-8.50000	-5.0416	-8.9310	-105.46E-6	-0.49672	3.8151E-6
	60.00000	-3.00000	-8.50000	-4.7224	-8.9310	-91.157E-6	-0.46000	3.5334E-6
	-20.00000	-2.00000	-8.50000	-4.9485	-8.9310	-100.13E-6	-0.48541	3.7284E-6
	-19.00000	-2.00000	-8.50000	-5.2872	-8.9310	-116.12E-6	-0.52513	4.0332E-6
	-18.00000	-2.00000	-8.50000	-5.6510	-8.9310	-135.42E-6	-0.56943	4.3729E-6
	-17.00000	-2.00000	-8.50000	-6.0422	-8.9310	-158.90E-6	-0.61902	4.7532E-6
	-16.00000	-2.00000	-8.50000	-6.4631	-8.9310	-187.71E-6	-0.67476	5.1806E-6
	-15.00000	-2.00000	-8.50000	-6.9165	-8.9310	-223.44E-6	-0.73772	5.6631E-6
	-14.00000	-2.00000	-8.50000	-7.4055	-8.9310	-268.23E-6	-0.80918	6.2106E-6
	-13.00000	-2.00000	-8.50000	-7.9335	-8.9310	-325.08E-6	-0.89076	6.8354E-6
	-12.00000	-2.00000	-8.50000	-8.5046	-8.9310	-398.27E-6	-0.98449	7.5529E-6
	-11.00000	-2.00000	-8.50000	-9.1231	-8.9310	-494.05E-6	-1.0930	8.3828E-6
	-10.00000	-2.00000	-8.50000	-9.7945	-8.9310	-621.72E-6	-1.2196	9.3508E-6
	-9.00000	-2.00000	-8.50000	-10.525	-8.9310	-795.56E-6	-1.3689	10.491E-6
	-8.00000	-2.00000	-8.50000	-11.321	-8.9310	-0.0010383	-1.5468	11.847E-6
	-7.00000	-2.00000	-8.50000	-12.191	-8.9310	-0.0013871	-1.7616	13.484E-6
	-6.00000	-2.00000	-8.50000	-13.145	-8.9310	-0.0019062	-2.0251	15.486E-6
	-5.00000	-2.00000	-8.50000	-14.196	-8.9310	-0.0027112	-2.3546	17.983E-6
	-4.00000	-2.00000	-8.50000	-15.357	-8.9310	-0.0040240	-2.7757	21.161E-6
	-3.00000	-2.00000	-8.50000	-16.647	-8.9310	-0.0063002	-3.3290	25.311E-6
	-2.00000	-2.00000	-8.50000	-18.086	-8.9310	-0.010553	-4.0801	30.891E-6
	-1.00000	-2.00000	-8.50000	-19.698	-8.9310	-0.019225	-5.1391	38.635E-6
	0.00000	-2.00000	-8.50000	-21.506	-8.9310	-0.038507	-6.6862	49.643E-6
	1.00000	-2.00000	-8.50000	-23.511	-8.9310	-0.082196	-8.9550	65.076E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	33.00000	-2.00000	-8.50000	-34.284	-8.9310	-0.31540	-20.503	143.12E-6
	34.00000	-2.00000	-8.50000	-32.928	-8.9310	-0.31115	-19.760	137.61E-6
	35.00000	-2.00000	-8.50000	-31.380	-8.9310	-0.30248	-18.708	129.92E-6
	36.00000	-2.00000	-8.50000	-29.616	-8.9310	-0.28320	-17.165	118.94E-6
	37.00000	-2.00000	-8.50000	-27.635	-8.9310	-0.23951	-14.899	103.53E-6
	38.00000	-2.00000	-8.50000	-25.494	-8.9310	-0.16084	-11.913	84.192E-6
	39.00000	-2.00000	-8.50000	-23.344	-8.9310	-0.082176	-8.9255	64.850E-6
	40.00000	-2.00000	-8.50000	-21.335	-8.9310	-0.038487	-6.6564	49.415E-6
	41.00000	-2.00000	-8.50000	-19.527	-8.9310	-0.019205	-5.1093	38.407E-6
	42.00000	-2.00000	-8.50000	-17.914	-8.9310	-0.010533	-4.0506	30.665E-6
	43.00000	-2.00000	-8.50000	-16.476	-8.9310	-0.0062814	-3.3000	25.089E-6
	44.00000	-2.00000	-8.50000	-15.188	-8.9310	-0.0040060	-2.7474	20.944E-6
	45.00000	-2.00000	-8.50000	-14.029	-8.9310	-0.0026942	-2.3272	17.773E-6
	46.00000	-2.00000	-8.50000	-12.982	-8.9310	-0.0018903	-1.9989	15.285E-6
	47.00000	-2.00000	-8.50000	-12.032	-8.9310	-0.0013724	-1.7365	13.291E-6
	48.00000	-2.00000	-8.50000	-11.167	-8.9310	-0.0010248	-1.5229	11.665E-6
	49.00000	-2.00000	-8.50000	-10.376	-8.9310	-783.25E-6	-1.3464	10.318E-6
	50.00000	-2.00000	-8.50000	-9.6516	-8.9310	-610.55E-6	-1.1985	9.1888E-6
	51.00000	-2.00000	-8.50000	-8.9863	-8.9310	-483.98E-6	-1.0732	8.2312E-6
	52.00000	-2.00000	-8.50000	-8.3739	-8.9310	-389.24E-6	-0.96605	7.4115E-6
	53.00000	-2.00000	-8.50000	-7.8091	-8.9310	-317.00E-6	-0.87362	6.7039E-6
	54.00000	-2.00000	-8.50000	-7.2873	-8.9310	-261.03E-6	-0.79329	6.0887E-6
	55.00000	-2.00000	-8.50000	-6.8045	-8.9310	-217.05E-6	-0.72302	5.5504E-6
	56.00000	-2.00000	-8.50000	-6.3571	-8.9310	-182.05E-6	-0.66120	5.0766E-6
	57.00000	-2.00000	-8.50000	-5.9421	-8.9310	-153.88E-6	-0.60652	4.6573E-6
	58.00000	-2.00000	-8.50000	-5.5567	-8.9310	-130.99E-6	-0.55793	4.2847E-6
	59.00000	-2.00000	-8.50000	-5.1984	-8.9310	-112.21E-6	-0.51456	3.9520E-6
	60.00000	-2.00000	-8.50000	-4.8650	-8.9310	-96.680E-6	-0.47570	3.6539E-6
	-20.00000	-1.00000	-8.50000	-5.0937	-8.9310	-106.16E-6	-0.50182	3.8544E-6
	-19.00000	-1.00000	-8.50000	-5.4471	-8.9310	-123.48E-6	-0.54382	4.1766E-6
	-18.00000	-1.00000	-8.50000	-5.8274	-8.9310	-144.49E-6	-0.59079	4.5368E-6
	-17.00000	-1.00000	-8.50000	-6.2369	-8.9310	-170.15E-6	-0.64354	4.9413E-6
	-16.00000	-1.00000	-8.50000	-6.6785	-8.9310	-201.81E-6	-0.70303	5.3974E-6
	-15.00000	-1.00000	-8.50000	-7.1552	-8.9310	-241.29E-6	-0.77047	5.9142E-6
	-14.00000	-1.00000	-8.50000	-7.6705	-8.9310	-291.09E-6	-0.84735	6.5031E-6
	-13.00000	-1.00000	-8.50000	-8.2284	-8.9310	-354.77E-6	-0.93553	7.1783E-6
	-12.00000	-1.00000	-8.50000	-8.8335	-8.9310	-437.44E-6	-1.0374	7.9578E-6
	-11.00000	-1.00000	-8.50000	-9.4910	-8.9310	-546.68E-6	-1.1560	8.8650E-6
	-10.00000	-1.00000	-8.50000	-10.207	-8.9310	-693.97E-6	-1.2955	9.9307E-6
	-9.00000	-1.00000	-8.50000	-10.989	-8.9310	-897.34E-6	-1.4612	11.196E-6
	-8.00000	-1.00000	-8.50000	-11.846	-8.9310	-0.0011861	-1.6607	12.717E-6
	-7.00000	-1.00000	-8.50000	-12.788	-8.9310	-0.0016100	-1.9048	14.574E-6
	-6.00000	-1.00000	-8.50000	-13.829	-8.9310	-0.0022580	-2.2088	16.883E-6
	-5.00000	-1.00000	-8.50000	-14.984	-8.9310	-0.0032993	-2.5967	19.818E-6
	-4.00000	-1.00000	-8.50000	-16.274	-8.9310	-0.0050814	-3.1061	23.653E-6
	-3.00000	-1.00000	-8.50000	-17.727	-8.9310	-0.0083916	-3.8013	28.847E-6
	-2.00000	-1.00000	-8.50000	-19.380	-8.9310	-0.015256	-4.7996	36.207E-6
	-1.00000	-1.00000	-8.50000	-21.283	-8.9310	-0.031871	-6.3377	47.270E-6
	0.00000	-1.00000	-8.50000	-23.507	-8.9310	-0.082201	-8.9581	65.099E-6
	1.00000	-1.00000	-8.50000	-26.143	-8.9310	-0.28792	-14.041	94.698E-6
	2.00000	-1.00000	-8.50000	-29.198	-8.9310	-1.1068	-23.817	132.10E-6
	3.00000	-1.00000	-8.50000	-32.242	-8.9310	-1.9257	-33.559	169.48E-6
	4.00000	-1.00000	-8.50000	-34.846	-8.9310	-2.1315	-38.672	199.05E-6
	5.00000	-1.00000	-8.50000	-37.017	-8.9310	-2.1818	-41.286	216.83E-6
	6.00000	-1.00000	-8.50000	-38.844	-8.9310	-2.1984	-42.815	227.83E-6
	7.00000	-1.00000	-8.50000	-40.400	-8.9310	-2.2053	-43.802	235.10E-6
	8.00000	-1.00000	-8.50000	-41.735	-8.9310	-2.2086	-44.483	240.19E-6
	9.00000	-1.00000	-8.50000	-42.885	-8.9310	-2.2103	-44.976	243.90E-6
	10.00000	-1.00000	-8.50000	-43.877	-8.9310	-2.2114	-45.345	246.69E-6
	11.00000	-1.00000	-8.50000	-44.731	-8.9310	-2.2120	-45.628	248.83E-6
	12.00000	-1.00000	-8.50000	-45.464	-8.9310	-2.2124	-45.848	250.50E-6
	13.00000	-1.00000	-8.50000	-46.088	-8.9310	-2.2127	-46.020	251.82E-6
	14.00000	-1.00000	-8.50000	-46.611	-8.9310	-2.2129	-46.155	252.85E-6
	15.00000	-1.00000	-8.50000	-47.043	-8.9310	-2.2130	-46.261	253.65E-6
	16.00000	-1.00000	-8.50000	-47.387	-8.9310	-2.2131	-46.341	254.27E-6
	17.00000	-1.00000	-8.50000	-47.650	-8.9310	-2.2132	-46.401	254.72E-6
	18.00000	-1.00000	-8.50000	-47.834	-8.9310	-2.2132	-46.441	255.03E-6
	19.00000	-1.00000	-8.50000	-47.941	-8.9310	-2.2133	-46.461	255.21E-6
	20.00000	-1.00000	-8.50000	-47.973	-8.9310	-2.2133	-46.472	255.27E-6
	21.00000	-1.00000	-8.50000	-47.930	-8.9310	-2.2133	-46.463	255.20E-6
	22.00000	-1.00000	-8.50000	-47.812	-8.9310	-2.2132	-46.438	255.00E-6
	23.00000	-1.00000	-8.50000	-47.618	-8.9310	-2.2132	-46.395	254.68E-6
	24.00000	-1.00000	-8.50000	-47.345	-8.9310	-2.2131	-46.334	254.21E-6
	25.00000	-1.00000	-8.50000	-46.989	-8.9310	-2.2130	-46.251	253.58E-6
	26.00000	-1.00000	-8.50000	-46.547	-8.9310	-2.2129	-46.144	252.76E-6
	27.00000	-1.00000	-8.50000	-46.012	-8.9310	-2.2127	-46.007	251.71E-6
	28.00000	-1.00000	-8.50000	-45.377	-8.9310	-2.2124	-45.832	250.39E-6
	29.00000	-1.00000	-8.50000	-44.632	-8.9310	-2.2120	-45.610	248.70E-6
	30.00000	-1.00000	-8.50000	-43.766	-8.9310	-2.2114	-45.325	246.54E-6
	31.00000	-1.00000	-8.50000	-42.763	-8.9310	-2.2103	-44.954	243.73E-6
	32.00000	-1.00000	-8.50000	-41.602	-8.9310	-2.2086	-44.459	240.00E-6
	33.00000	-1.00000	-8.50000	-40.256	-8.9310	-2.2052	-43.775	234.90E-6
	34.00000	-1.00000	-8.50000	-38.691	-8.9310	-2.1984	-42.786	227.61E-6
	35.00000	-1.00000	-8.50000	-36.854	-8.9310	-2.1818	-41.255	216.60E-6
	36.00000	-1.00000	-8.50000	-34.675	-8.9310	-2.1314	-38.640	198.81E-6
	37.00000	-1.00000	-8.50000	-32.064	-8.9310	-1.9257	-33.559	169.23E-6
	38.00000	-1.00000	-8.50000	-29.014	-8.9310	-1.1068	-23.783	131.83E-6
	39.00000	-1.00000	-8.50000	-25.955	-8.9310	-0.28789	-14.006	94.429E-6
	40.00000	-1.00000	-8.50000	-23.316	-8.9310	-0.082175	-8.9227	64.828E-6
	41.00000	-1.00000	-8.50000	-21.090	-8.9310	-0.031845	-6.3024	46.999E-6
	42.00000	-1.00000	-8.50000	-19.187	-8.9310	-0.015231	-4.7646	35.939E-6
	43.00000	-1.00000	-8.50000	-17.536	-8.9310	-0.0083673	-3.7671	28.585E-6
	44.00000	-1.00000	-8.50000	-16.085	-8.9310	-0.0050584	-3.0729	23.398E-6
	45.00000	-1.00000	-8.50000	-14.798	-8.9310	-0.0032778	-2.5646	19.572E-6
	46.00000	-1.00000	-8.50000	-13.648	-8.9310	-0.0022380	-2.1782	16.648E-6
	47.00000	-1.00000	-8.50000	-12.613	-8.9310	-0.0015916	-1.8756	14.351E-6
	48.00000	-1.00000	-8.50000	-11.676	-8.9310	-0.0011693	-1.6332	12.506E-6
	49.00000	-1.00000	-8.50000	-10.826	-8.9310	-882.16E-6	-1.4353	10.998E-6
	50.00000	-1.00000	-8.50000	-10.051	-8.9310	-680.32E-6	-1.2713	9.7454E-6
	51.00000	-1.00000	-8.50000	-9.3415	-8.9310	-534.47E-6	-1.1335	8.6925E-6
	52.00000	-1.00000	-8.50000	-8.6911	-8.9310	-426.57E-6	-1.0165	7.7978E-6
	53.00000	-1.00000	-8.50000	-8.0933	-8.9310	-345.13E-6	-0.91622	7.0303E-6
	54.00000	-1.00000	-8.50000	-7.5426	-8.9310	-282.57E-6	-0.82954	6.3666E-6
	55.00000	-1.00000	-8.50000	-7.0344	-8.9310	-233.77E-6	-0.75408	5.7885E-6
	56.00000	-1.00000	-8.50000	-6.5646	-8.9310	-195.20E-6	-0.68798	5.2819E-6
	57.00000	-1.00000	-8.50000	-6.1297	-8.9310	-164.34E-6	-0.62973	4.8353E-6
	58.00000	-1.00000	-8.50000	-5.7266	-8.9310	-139.38E-6	-0.57814	4.4398E-6
	59.00000	-1.00000	-8.50000	-5.3525	-8.9310	-119.01E-6	-0.53224	4.0877E-6
	60.00000	-1.00000	-8.50000	-5.0050	-8.9310	-102.23E-6	-0.49124	3.7731E-6
	-20.00000	0.00000	-8.50000	-5.2358	-8.9310	-112.23E-6	-0.51805	3.9789E-6
	-19.00000	0.00000	-8.50000	-5.6038	-8.9310	-130.92E-6	-0.56233	4.3186E-6
	-18.00000	0.00000	-8.50000	-6.0004	-8.9310	-153.66E-6	-0.61199	4.6994E-6
	-17.00000	0.00000	-8.50000	-6.4282	-8.9310	-181.56E-6	-0.66791	5.1282E-6
	-16.00000	0.00000	-8.50000	-6.8904	-8.9310	-216.13E-6	-0.73119	5.6133E-6
	-15.00000	0.00000	-8.50000	-7.3903	-8.9310	-259.45E-6	-0.80317	6.1648E-6
	-14.00000	0.00000	-8.50000	-7.9319	-8.9310	-314.40E-6	-0.88554	6.7957E-6
	-13.00000	0.00000	-8.50000	-8.5197	-8.9310	-385.10E-6	-0.98041	7.5221E-6
	-12.00000	0.00000	-8.50000	-9.1589	-8.9310	-477.55E-6	-1.0905	8.3647E-6
	-11.00000	0.00000	-8.50000	-9.8556	-8.9310	-600.69E-6	-1.2195	9.3507E-6
	-10.00000	0.00000	-8.50000	-10.617	-8.9310	-768.34E-6	-1.3720	10.516E-6
	-9.00000	0.00000	-8.50000	-11.452	-8.9310	-0.0010025	-1.5547	11.910E-6
	-8.00000	0.00000	-8.50000	-12.370	-8.9310	-0.0013396	-1.7765	13.601E-6
	-7.00000	0.00000	-8.50000	-13.385	-8.9310	-0.0018429	-2.0508	15.687E-6
	-6.00000	0.00000	-8.50000	-14.514	-8.9310	-0.0026292	-2.3972	18.314E-6
	-5.00000	0.00000	-8.50000	-15.776	-8.9310	-0.0039284	-2.8466	21.711E-6
	-4.00000	0.00000	-8.50000	-17.200	-8.9310	-0.0062374	-3.4508	26.251E-6
	-3.00000	0.00000	-8.50000	-18.824	-8.9310	-0.010761	-4.3022	32.590E-6
	-2.00000	0.00000	-8.50000	-20.704	-8.9310	-0.020928	-5.5847	41.984E-6
	-1.00000	0.00000	-8.50000	-22.929	-8.9310	-0.049105	-7.7221	57.121E-6
	0.00000	0.00000	-8.50000	-25.650	-8.9310	-0.16088	-11.949	84.471E-6
	1.00000	0.00000	-8.50000	-29.195	-8.9310	-1.1068	-23.822	132.13E-6
	2.00000	0.00000	-8.50000	-35.233	-8.9310	-40.000	-94.923	-0.0011157
	3.00000	0.00000	-8.50000	-41.261	-8.9310	-78.893	-166.02	-0.0023636
	4.00000	0.00000	-8.50000	-44.771	-8.9310	-79.839	-177.89	-0.0023159
	5.00000	0.00000	-8.50000	-47.436	-8.9310	-79.951	-182.11	-0.0022886
	6.00000	0.00000	-8.50000	-49.581	-8.9310	-79.979	-184.24	-0.0022736
	7.00000	0.00000	-8.50000	-51.359	-8.9310	-79.989	-185.51	-0.0022643
	8.00000	0.00000	-8.50000	-52.859	-8.9310	-79.994	-186.35	-0.0022581
	9.00000	0.00000	-8.50000	-54.135	-8.9310	-79.996	-186.93	-0.0022537
	10.00000	0.00000	-8.50000	-55.226	-8.9310	-79.997	-187.36	-0.0022504
	11.00000	0.00000	-8.50000	-56.159	-8.9310	-79.998	-187.68	-0.0022480

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	12.00000	0.00000	-8.50000	-56.955	-8.9310	-79.999	-187.93	-0.0022461
	13.00000	0.00000	-8.50000	-57.629	-8.9310	-79.999	-188.12	-0.0022446
	14.00000	0.00000	-8.50000	-58.193	-8.9310	-79.999	-188.27	-0.0022435
	15.00000	0.00000	-8.50000	-58.656	-8.9310	-79.999	-188.39	-0.0022426
	16.00000	0.00000	-8.50000	-59.026	-8.9310	-79.999	-188.48	-0.0022419
	17.00000	0.00000	-8.50000	-59.307	-8.9310	-79.999	-188.54	-0.0022414
	18.00000	0.00000	-8.50000	-59.503	-8.9310	-79.999	-188.59	-0.0022411
	19.00000	0.00000	-8.50000	-59.618	-8.9310	-79.999	-188.61	-0.0022409
	20.00000	0.00000	-8.50000	-59.652	-8.9310	-79.999	-188.62	-0.0022408
	21.00000	0.00000	-8.50000	-59.607	-8.9310	-79.999	-188.61	-0.0022409
	22.00000	0.00000	-8.50000	-59.480	-8.9310	-79.999	-188.58	-0.0022411
	23.00000	0.00000	-8.50000	-59.272	-8.9310	-79.999	-188.54	-0.0022415
	24.00000	0.00000	-8.50000	-58.979	-8.9310	-79.999	-188.47	-0.0022420
	25.00000	0.00000	-8.50000	-58.598	-8.9310	-79.999	-188.38	-0.0022427
	26.00000	0.00000	-8.50000	-58.122	-8.9310	-79.999	-188.26	-0.0022436
	27.00000	0.00000	-8.50000	-57.545	-8.9310	-79.999	-188.11	-0.0022447
	28.00000	0.00000	-8.50000	-56.858	-8.9310	-79.999	-187.91	-0.0022462
	29.00000	0.00000	-8.50000	-56.049	-8.9310	-79.998	-187.66	-0.0022481
	30.00000	0.00000	-8.50000	-55.103	-8.9310	-79.997	-187.34	-0.0022506
	31.00000	0.00000	-8.50000	-53.999	-8.9310	-79.996	-186.91	-0.0022539
	32.00000	0.00000	-8.50000	-52.710	-8.9310	-79.994	-186.32	-0.0022583
	33.00000	0.00000	-8.50000	-51.199	-8.9310	-79.989	-185.48	-0.0022645
	34.00000	0.00000	-8.50000	-49.409	-8.9310	-79.979	-184.20	-0.0022738
	35.00000	0.00000	-8.50000	-47.253	-8.9310	-79.951	-182.08	-0.0022889
	36.00000	0.00000	-8.50000	-44.579	-8.9310	-79.839	-177.85	-0.0023162
	37.00000	0.00000	-8.50000	-41.060	-8.9310	-78.893	-165.98	-0.0023639
	38.00000	0.00000	-8.50000	-35.026	-8.9310	-40.000	-94.882	-0.0011160
	39.00000	0.00000	-8.50000	-28.983	-8.9310	-1.1068	-23.780	131.81E-6
	40.00000	0.00000	-8.50000	-25.435	-8.9310	-0.16084	-11.907	84.146E-6
	41.00000	0.00000	-8.50000	-22.712	-8.9310	-0.049071	-7.6798	56.797E-6
	42.00000	0.00000	-8.50000	-20.488	-8.9310	-0.020895	-5.5430	41.664E-6
	43.00000	0.00000	-8.50000	-18.609	-8.9310	-0.010729	-4.2615	32.278E-6
	44.00000	0.00000	-8.50000	-16.988	-8.9310	-0.0062076	-3.4114	25.949E-6
	45.00000	0.00000	-8.50000	-15.569	-8.9310	-0.0039007	-2.8088	21.421E-6
	46.00000	0.00000	-8.50000	-14.312	-8.9310	-0.0026037	-2.3612	18.038E-6
	47.00000	0.00000	-8.50000	-13.190	-8.9310	-0.0018197	-2.0168	15.426E-6
	48.00000	0.00000	-8.50000	-12.182	-8.9310	-0.0013186	-1.7446	13.356E-6
	49.00000	0.00000	-8.50000	-11.272	-8.9310	-983.66E-6	-1.5248	11.681E-6
	50.00000	0.00000	-8.50000	-10.445	-8.9310	-751.57E-6	-1.3443	10.304E-6
	51.00000	0.00000	-8.50000	-9.6921	-8.9310	-585.83E-6	-1.1938	9.1539E-6
	52.00000	0.00000	-8.50000	-9.0038	-8.9310	-464.43E-6	-1.0669	8.1832E-6
	53.00000	0.00000	-8.50000	-8.3730	-8.9310	-373.57E-6	-0.95863	7.3551E-6
	54.00000	0.00000	-8.50000	-7.7935	-8.9310	-304.29E-6	-0.86556	6.6426E-6
	55.00000	0.00000	-8.50000	-7.2600	-8.9310	-250.60E-6	-0.78489	6.0246E-6
	56.00000	0.00000	-8.50000	-6.7679	-8.9310	-208.40E-6	-0.71448	5.4851E-6
	57.00000	0.00000	-8.50000	-6.3133	-8.9310	-174.81E-6	-0.65266	5.0112E-6
	58.00000	0.00000	-8.50000	-5.8927	-8.9310	-147.78E-6	-0.59808	4.5927E-6
	59.00000	0.00000	-8.50000	-5.5030	-8.9310	-125.80E-6	-0.54966	4.2214E-6
	60.00000	0.00000	-8.50000	-5.1416	-8.9310	-107.77E-6	-0.50652	3.8904E-6
	-20.00000	1.00000	-8.50000	-5.3740	-8.9310	-118.30E-6	-0.53400	4.1013E-6
	-19.00000	1.00000	-8.50000	-5.7563	-8.9310	-138.36E-6	-0.58055	4.4584E-6
	-18.00000	1.00000	-8.50000	-6.1690	-8.9310	-162.85E-6	-0.63289	4.8597E-6
	-17.00000	1.00000	-8.50000	-6.6149	-8.9310	-193.02E-6	-0.69198	5.3128E-6
	-16.00000	1.00000	-8.50000	-7.0975	-8.9310	-230.54E-6	-0.75905	5.8268E-6
	-15.00000	1.00000	-8.50000	-7.6204	-8.9310	-277.74E-6	-0.83557	6.4132E-6
	-14.00000	1.00000	-8.50000	-8.1881	-8.9310	-337.90E-6	-0.92344	7.0861E-6
	-13.00000	1.00000	-8.50000	-8.8056	-8.9310	-415.70E-6	-1.0250	7.8638E-6
	-12.00000	1.00000	-8.50000	-9.4787	-8.9310	-518.00E-6	-1.1434	8.7698E-6
	-11.00000	1.00000	-8.50000	-10.214	-8.9310	-655.18E-6	-1.2828	9.8348E-6
	-10.00000	1.00000	-8.50000	-11.021	-8.9310	-843.33E-6	-1.4485	11.100E-6
	-9.00000	1.00000	-8.50000	-11.908	-8.9310	-0.0011084	-1.6481	12.623E-6
	-8.00000	1.00000	-8.50000	-12.888	-8.9310	-0.0014940	-1.8923	14.484E-6
	-7.00000	1.00000	-8.50000	-13.976	-8.9310	-0.0020771	-2.1969	16.799E-6
	-6.00000	1.00000	-8.50000	-15.191	-8.9310	-0.0030018	-2.5856	19.746E-6
	-5.00000	1.00000	-8.50000	-16.560	-8.9310	-0.0045593	-3.0968	23.606E-6
	-4.00000	1.00000	-8.50000	-18.117	-8.9310	-0.0073954	-3.7958	28.851E-6
	-3.00000	1.00000	-8.50000	-19.912	-8.9310	-0.013132	-4.8035	36.335E-6
	-2.00000	1.00000	-8.50000	-22.020	-8.9310	-0.026603	-6.3703	47.764E-6
	-1.00000	1.00000	-8.50000	-24.566	-8.9310	-0.066342	-9.1069	66.975E-6
	0.00000	1.00000	-8.50000	-27.783	-8.9310	-0.23955	-14.940	103.84E-6
	1.00000	1.00000	-8.50000	-32.236	-8.9310	-1.9258	-33.603	169.56E-6
	2.00000	1.00000	-8.50000	-41.258	-8.9310	-78.893	-166.03	-0.0023635
	3.00000	1.00000	-8.50000	-50.268	-8.9310	-155.86	-298.45	-0.0048966
	4.00000	1.00000	-8.50000	-54.685	-8.9310	-157.55	-317.11	-0.0048309
	5.00000	1.00000	-8.50000	-57.842	-8.9310	-157.72	-322.94	-0.0047941
	6.00000	1.00000	-8.50000	-60.304	-8.9310	-157.76	-325.66	-0.0047750
	7.00000	1.00000	-8.50000	-62.304	-8.9310	-157.77	-327.22	-0.0047637
	8.00000	1.00000	-8.50000	-63.967	-8.9310	-157.78	-328.21	-0.0047563
	9.00000	1.00000	-8.50000	-65.368	-8.9310	-157.78	-328.89	-0.0047512
	10.00000	1.00000	-8.50000	-66.557	-8.9310	-157.78	-329.37	-0.0047475
	11.00000	1.00000	-8.50000	-67.568	-8.9310	-157.78	-329.74	-0.0047448
	12.00000	1.00000	-8.50000	-68.426	-8.9310	-157.78	-330.01	-0.0047427
	13.00000	1.00000	-8.50000	-69.151	-8.9310	-157.79	-330.23	-0.0047411
	14.00000	1.00000	-8.50000	-69.755	-8.9310	-157.79	-330.39	-0.0047398
	15.00000	1.00000	-8.50000	-70.250	-8.9310	-157.79	-330.52	-0.0047388
	16.00000	1.00000	-8.50000	-70.644	-8.9310	-157.79	-330.61	-0.0047381
	17.00000	1.00000	-8.50000	-70.943	-8.9310	-157.79	-330.69	-0.0047376
	18.00000	1.00000	-8.50000	-71.152	-8.9310	-157.79	-330.73	-0.0047372
	19.00000	1.00000	-8.50000	-71.274	-8.9310	-157.79	-330.76	-0.0047370
	20.00000	1.00000	-8.50000	-71.310	-8.9310	-157.79	-330.77	-0.0047369
	21.00000	1.00000	-8.50000	-71.262	-8.9310	-157.79	-330.76	-0.0047370
	22.00000	1.00000	-8.50000	-71.127	-8.9310	-157.79	-330.73	-0.0047372
	23.00000	1.00000	-8.50000	-70.906	-8.9310	-157.79	-330.68	-0.0047376
	24.00000	1.00000	-8.50000	-70.594	-8.9310	-157.79	-330.61	-0.0047382
	25.00000	1.00000	-8.50000	-70.186	-8.9310	-157.79	-330.51	-0.0047389
	26.00000	1.00000	-8.50000	-69.678	-8.9310	-157.79	-330.38	-0.0047399
	27.00000	1.00000	-8.50000	-69.059	-8.9310	-157.78	-330.21	-0.0047412
	28.00000	1.00000	-8.50000	-68.321	-8.9310	-157.78	-329.99	-0.0047429
	29.00000	1.00000	-8.50000	-67.448	-8.9310	-157.78	-329.71	-0.0047450
	30.00000	1.00000	-8.50000	-66.422	-8.9310	-157.78	-329.35	-0.0047478
	31.00000	1.00000	-8.50000	-65.218	-8.9310	-157.78	-328.85	-0.0047515
	32.00000	1.00000	-8.50000	-63.802	-8.9310	-157.78	-328.17	-0.0047566
	33.00000	1.00000	-8.50000	-62.124	-8.9310	-157.77	-327.18	-0.0047640
	34.00000	1.00000	-8.50000	-60.110	-8.9310	-157.76	-325.62	-0.0047753
	35.00000	1.00000	-8.50000	-57.636	-8.9310	-157.72	-322.89	-0.0047945
	36.00000	1.00000	-8.50000	-54.468	-8.9310	-157.55	-317.07	-0.0048313
	37.00000	1.00000	-8.50000	-50.042	-8.9310	-155.86	-298.41	-0.0048970
	38.00000	1.00000	-8.50000	-41.024	-8.9310	-78.893	-165.98	-0.0023639
	39.00000	1.00000	-8.50000	-31.997	-8.9310	-1.9257	-33.552	169.17E-6
	40.00000	1.00000	-8.50000	-27.540	-8.9310	-0.23951	-14.889	103.45E-6
	41.00000	1.00000	-8.50000	-24.321	-8.9310	-0.066297	-9.0558	66.585E-6
	42.00000	1.00000	-8.50000	-21.776	-8.9310	-0.026559	-6.3201	47.380E-6
	43.00000	1.00000	-8.50000	-19.671	-8.9310	-0.013091	-4.7547	35.962E-6
	44.00000	1.00000	-8.50000	-17.880	-8.9310	-0.0073565	-3.7488	28.491E-6
	45.00000	1.00000	-8.50000	-16.329	-8.9310	-0.0

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-9.00000	2.00000	-8.50000	-12.354	-8.9310	-0.0012126	-1.7402	13.327E-6
	-8.00000	2.00000	-8.50000	-13.394	-8.9310	-0.0016450	-2.0063	15.354E-6
	-7.00000	2.00000	-8.50000	-14.553	-8.9310	-0.0023038	-2.3403	17.892E-6
	-6.00000	2.00000	-8.50000	-15.854	-8.9310	-0.0033584	-2.7698	21.146E-6
	-5.00000	2.00000	-8.50000	-17.327	-8.9310	-0.0051530	-3.3398	25.447E-6
	-4.00000	2.00000	-8.50000	-19.012	-8.9310	-0.0084593	-4.1273	31.351E-6
	-3.00000	2.00000	-8.50000	-20.970	-8.9310	-0.015231	-5.2771	39.881E-6
	-2.00000	2.00000	-8.50000	-23.290	-8.9310	-0.031315	-7.0911	53.090E-6
	-1.00000	2.00000	-8.50000	-26.125	-8.9310	-0.078997	-10.307	75.620E-6
	0.00000	2.00000	-8.50000	-29.758	-8.9310	-0.28326	-17.214	119.31E-6
	1.00000	2.00000	-8.50000	-34.839	-8.9310	-2.1315	-38.690	199.19E-6
	2.00000	2.00000	-8.50000	-44.768	-8.9310	-79.839	-177.91	-0.0023158
	3.00000	2.00000	-8.50000	-54.683	-8.9310	-157.55	-317.12	-0.0048309
	4.00000	2.00000	-8.50000	-59.726	-8.9310	-159.39	-338.59	-0.0047510
	5.00000	2.00000	-8.50000	-63.295	-8.9310	-159.60	-345.49	-0.0047074
	6.00000	2.00000	-8.50000	-66.041	-8.9310	-159.65	-348.69	-0.0046850
	7.00000	2.00000	-8.50000	-68.247	-8.9310	-159.66	-350.49	-0.0046719
	8.00000	2.00000	-8.50000	-70.065	-8.9310	-159.67	-351.62	-0.0046635
	9.00000	2.00000	-8.50000	-71.586	-8.9310	-159.67	-352.39	-0.0046578
	10.00000	2.00000	-8.50000	-72.869	-8.9310	-159.67	-352.93	-0.0046537
	11.00000	2.00000	-8.50000	-73.955	-8.9310	-159.68	-353.33	-0.0046506
	12.00000	2.00000	-8.50000	-74.873	-8.9310	-159.68	-353.64	-0.0046483
	13.00000	2.00000	-8.50000	-75.646	-8.9310	-159.68	-353.87	-0.0046466
	14.00000	2.00000	-8.50000	-76.289	-8.9310	-159.68	-354.05	-0.0046452
	15.00000	2.00000	-8.50000	-76.814	-8.9310	-159.68	-354.18	-0.0046441
	16.00000	2.00000	-8.50000	-77.232	-8.9310	-159.68	-354.29	-0.0046433
	17.00000	2.00000	-8.50000	-77.549	-8.9310	-159.68	-354.36	-0.0046428
	18.00000	2.00000	-8.50000	-77.770	-8.9310	-159.68	-354.42	-0.0046424
	19.00000	2.00000	-8.50000	-77.899	-8.9310	-159.68	-354.45	-0.0046422
	20.00000	2.00000	-8.50000	-77.937	-8.9310	-159.68	-354.45	-0.0046421
	21.00000	2.00000	-8.50000	-77.886	-8.9310	-159.68	-354.44	-0.0046422
	22.00000	2.00000	-8.50000	-77.744	-8.9310	-159.68	-354.41	-0.0046424
	23.00000	2.00000	-8.50000	-77.509	-8.9310	-159.68	-354.36	-0.0046428
	24.00000	2.00000	-8.50000	-77.178	-8.9310	-159.68	-354.28	-0.0046434
	25.00000	2.00000	-8.50000	-76.746	-8.9310	-159.68	-354.17	-0.0046442
	26.00000	2.00000	-8.50000	-76.205	-8.9310	-159.68	-354.03	-0.0046453
	27.00000	2.00000	-8.50000	-75.546	-8.9310	-159.68	-353.85	-0.0046467
	28.00000	2.00000	-8.50000	-74.757	-8.9310	-159.68	-353.61	-0.0046485
	29.00000	2.00000	-8.50000	-73.822	-8.9310	-159.68	-353.30	-0.0046508
	30.00000	2.00000	-8.50000	-72.719	-8.9310	-159.67	-352.90	-0.0046539
	31.00000	2.00000	-8.50000	-71.418	-8.9310	-159.67	-352.35	-0.0046581
	32.00000	2.00000	-8.50000	-69.880	-8.9310	-159.67	-351.58	-0.0046638
	33.00000	2.00000	-8.50000	-68.045	-8.9310	-159.66	-350.44	-0.0046722
	34.00000	2.00000	-8.50000	-65.823	-8.9310	-159.65	-348.64	-0.0046854
	35.00000	2.00000	-8.50000	-63.063	-8.9310	-159.60	-345.44	-0.0047078
	36.00000	2.00000	-8.50000	-59.480	-8.9310	-159.39	-338.53	-0.0047515
	37.00000	2.00000	-8.50000	-54.426	-8.9310	-157.55	-317.06	-0.0048313
	38.00000	2.00000	-8.50000	-44.502	-8.9310	-79.839	-177.84	-0.0023163
	39.00000	2.00000	-8.50000	-34.567	-8.9310	-2.1314	-38.628	198.72E-6
	40.00000	2.00000	-8.50000	-29.482	-8.9310	-0.28319	-17.151	118.83E-6
	41.00000	2.00000	-8.50000	-25.847	-8.9310	-0.078936	-10.245	75.145E-6
	42.00000	2.00000	-8.50000	-23.014	-8.9310	-0.031256	-7.0303	52.624E-6
	43.00000	2.00000	-8.50000	-20.697	-8.9310	-0.015175	-5.2182	39.430E-6
	44.00000	2.00000	-8.50000	-18.745	-8.9310	-0.0084079	-4.0709	30.919E-6
	45.00000	2.00000	-8.50000	-17.067	-8.9310	-0.0051060	-3.2862	25.037E-6
	46.00000	2.00000	-8.50000	-15.603	-8.9310	-0.0033159	-2.7195	20.761E-6
	47.00000	2.00000	-8.50000	-14.312	-8.9310	-0.0022660	-2.2933	17.532E-6
	48.00000	2.00000	-8.50000	-13.164	-8.9310	-0.0016115	-1.9628	15.020E-6
	49.00000	2.00000	-8.50000	-12.135	-8.9310	-0.0011832	-1.7000	13.020E-6
	50.00000	2.00000	-8.50000	-11.208	-8.9310	-891.81E-6	-1.4871	11.395E-6
	51.00000	2.00000	-8.50000	-10.369	-8.9310	-686.96E-6	-1.3116	10.055E-6
	52.00000	2.00000	-8.50000	-9.6063	-8.9310	-538.97E-6	-1.1650	8.9348E-6
	53.00000	2.00000	-8.50000	-8.9112	-8.9310	-429.55E-6	-1.0412	7.9877E-6
	54.00000	2.00000	-8.50000	-8.2755	-8.9310	-347.02E-6	-0.93557	7.1790E-6
	55.00000	2.00000	-8.50000	-7.6928	-8.9310	-283.68E-6	-0.84465	6.4827E-6
	56.00000	2.00000	-8.50000	-7.1574	-8.9310	-234.33E-6	-0.76581	5.8787E-6
	57.00000	2.00000	-8.50000	-6.6645	-8.9310	-195.36E-6	-0.69700	5.3512E-6
	58.00000	2.00000	-8.50000	-6.2099	-8.9310	-164.23E-6	-0.63657	4.8880E-6
	59.00000	2.00000	-8.50000	-5.7901	-8.9310	-139.08E-6	-0.58322	4.4789E-6
	60.00000	2.00000	-8.50000	-5.4017	-8.9310	-118.57E-6	-0.53590	4.1159E-6
	-20.00000	3.00000	-8.50000	-5.6358	-8.9310	130.26E-6	-0.54463	4.3364E-6
	-19.00000	3.00000	-8.50000	-6.0458	-8.9310	-153.07E-6	-0.61566	4.7276E-6
	-18.00000	3.00000	-8.50000	-6.4895	-8.9310	-181.05E-6	-0.67324	5.1692E-6
	-17.00000	3.00000	-8.50000	-6.9704	-8.9310	-215.72E-6	-0.73857	5.6700E-6
	-16.00000	3.00000	-8.50000	-7.4923	-8.9310	-259.09E-6	-0.81307	6.2410E-6
	-15.00000	3.00000	-8.50000	-8.0599	-8.9310	-314.01E-6	-0.89853	6.8957E-6
	-14.00000	3.00000	-8.50000	-8.6782	-8.9310	-384.47E-6	-0.99720	7.6513E-6
	-13.00000	3.00000	-8.50000	-9.3533	-8.9310	-476.22E-6	-1.1120	8.5297E-6
	-12.00000	3.00000	-8.50000	-10.092	-8.9310	-597.80E-6	-1.2466	9.5598E-6
	-11.00000	3.00000	-8.50000	-10.904	-8.9310	-762.15E-6	-1.4062	10.779E-6
	-10.00000	3.00000	-8.50000	-11.797	-8.9310	-989.57E-6	-1.5974	12.239E-6
	-9.00000	3.00000	-8.50000	-12.786	-8.9310	-0.0013131	-1.8298	14.012E-6
	-8.00000	3.00000	-8.50000	-13.884	-8.9310	-0.0017888	-2.1169	16.197E-6
	-7.00000	3.00000	-8.50000	-15.112	-8.9310	-0.0025165	-2.4787	18.946E-6
	-6.00000	3.00000	-8.50000	-16.495	-8.9310	-0.0036857	-2.9461	22.487E-6
	-5.00000	3.00000	-8.50000	-18.065	-8.9310	-0.0056822	-3.5694	27.188E-6
	-4.00000	3.00000	-8.50000	-19.870	-8.9310	-0.0093682	-4.4350	33.675E-6
	-3.00000	3.00000	-8.50000	-21.977	-8.9310	-0.016914	-5.7043	43.089E-6
	-2.00000	3.00000	-8.50000	-24.486	-8.9310	-0.034728	-7.7117	57.704E-6
	-1.00000	3.00000	-8.50000	-27.564	-8.9310	-0.086699	-11.259	82.590E-6
	0.00000	3.00000	-8.50000	-31.516	-8.9310	-0.30256	-18.766	130.36E-6
	1.00000	3.00000	-8.50000	-37.011	-8.9310	-2.1819	-41.315	217.06E-6
	2.00000	3.00000	-8.50000	-47.433	-8.9310	-79.951	-182.14	-0.0022885
	3.00000	3.00000	-8.50000	-57.841	-8.9310	-157.72	-322.96	-0.0047940
	4.00000	3.00000	-8.50000	-63.295	-8.9310	-159.60	-345.50	-0.0047073
	5.00000	3.00000	-8.50000	-67.178	-8.9310	-159.82	-352.99	-0.0046597
	6.00000	3.00000	-8.50000	-70.161	-8.9310	-159.87	-356.53	-0.0046349
	7.00000	3.00000	-8.50000	-72.548	-8.9310	-159.88	-358.52	-0.0046204
	8.00000	3.00000	-8.50000	-74.506	-8.9310	-159.89	-359.76	-0.0046112
	9.00000	3.00000	-8.50000	-76.137	-8.9310	-159.90	-360.60	-0.0046049
	10.00000	3.00000	-8.50000	-77.508	-8.9310	-159.90	-361.20	-0.0046004
	11.00000	3.00000	-8.50000	-78.664	-8.9310	-159.90	-361.64	-0.0045971
	12.00000	3.00000	-8.50000	-79.639	-8.9310	-159.90	-361.97	-0.0045946
	13.00000	3.00000	-8.50000	-80.458	-8.9310	-159.90	-362.22	-0.0045927
	14.00000	3.00000	-8.50000	-81.137	-8.9310	-159.90	-362.41	-0.0045912
	15.00000	3.00000	-8.50000	-81.692	-8.9310	-159.90	-362.55	-0.0045901
	16.00000	3.00000	-8.50000	-82.133	-8.9310	-159.90	-362.67	-0.0045892
	17.00000	3.00000	-8.50000	-82.466	-8.9310	-159.90	-362.75	-0.0045886
	18.00000	3.00000	-8.50000	-82.699	-8.9310	-159.90	-362.80	-0.0045882
	19.00000	3.00000	-8.50000	-82.835	-8.9310	-159.90	-362.83	-0.0045880
	20.00000	3.00000	-8.50000	-82.875	-8.9310	-159.90	-362.84	-0.0045879
	21.00000	3.00000	-8.50000	-82.821	-8.9310	-159.90	-362.83	-0.0045880
	22.00000	3.00000	-8.50000	-82.671	-8.9310	-159.90	-362.80	-0.0045882
	23.00000	3.00000	-8.50000	-82.424	-8.9310	-159.90	-362.74	-0.0045887
	24.00000	3.00000	-8.50000	-82.075	-8.9310	-159.90	-362.65	-0.0045893
	25.00000	3.00000	-8.50000	-81.618	-8.9310	-159.90	-362.54	-0.0045902
	26.00000	3.00000	-8.50000	-81.046	-8.9310	-159.90	-362.39	-0.0045913
	27.00000	3.00000	-8.50000	-80.349	-8.9310	-159.90	-362.19	-0.0045928
	28.00000	3.00000	-8.50000	-79.512	-8.9310	-159.90	-361.94	-0.0045948
	29.00000	3.00000	-8.50000	-78.517	-8.9310	-159.90	-361.60	-0.0045973
	30.00000	3.00000	-8.50000	-77.341	-8.9310	-159.90	-361.16	-0.0046007
	31.00000	3.00000	-8.50000	-75.950	-8.9310	-159.90	-360.55	-0.0046052
	32.00000	3.00000	-8.50000	-74.299	-8.9310	-159.89	-359.72	-0.0046115
	33.00000	3.00000	-8.50000	-72.321	-8.9310	-159.88	-358.46	-0.0046208
	34.00000	3.00000	-8.50000	-69.915	-8.9310	-159.87	-356.47	-0.0046353
	35.00000	3.00000	-8.50000	-66.914	-8.9310	-159.81	-352.93	-0.0046601
	36.00000	3.00000	-8.50000	-63.015	-8.9310	-159.60	-345.43	-0.0047079
	37.00000	3.00000	-8.50000	-57.548	-8.9310	-157.72	-322.88	-0.0047945
	38.00000	3.00000	-8.50000	-47.129	-8.9310	-79.951	-182.06	-0.0022890
	39.00000	3.00000	-8.50000	-36.700	-8.9310	-2.1818	-41.238	216.47E-6
	40.00000	3.00000	-8.50000	-31.200	-8.9310	-0.30247	-18.688	129.77E-6
	41.00000	3.00000	-8.50000	-27.247	-8.9310	-0.086614	-11.183	82.007E-6
	42.00000	3.00000	-8.50000	-24.171	-8.9310	-0.034648	-7.6371	57.135E-6
	43.00000	3.00000	-8.50000	-21.667	-8.9310	-0.016838	-5.6325	42.540E-6
	44.00000	3.00000	-8.50000	-19.568	-8.9310	-0.0092992	-4.3666	33.153E-6
	45.00000	3.00000	-8.50000	-17.773	-8.9310	-0.0056198	-3.5050	26.696E-6
	46.00000	3.00000	-8.50000	-16.213	-8.9310	-0.0036301	-2.8861	22.028E-6
	47.00000	3.00000	-8.50000	-14.843	-8.9310	-0.0024675	-2.4231	18.521E-6
	48.00000	3.00000	-8.50000	-13.628	-8.9310	-0.0017460	-2.0658	15.806E-6
	49.00000	3.00000	-8.50000	-12.544	-8.9310	-0.0012760	-1.7831	13.654E-6
	50.00000	3.00000	-8.50000	-11.569	-8.9310	-957.61E-6	-1.5549	11.914E-6

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	51.00000	3.00000	-8.50000	-10.689	-8.9310	-734.73E-6	-1.3676	10.484E-6
	52.00000	3.00000	-8.50000	-9.8915	-8.9310	-574.35E-6	-1.2118	9.2928E-6
	53.00000	3.00000	-8.50000	-9.1657	-8.9310	-456.22E-6	-1.0806	8.2890E-6
	54.00000	3.00000	-8.50000	-8.5033	-8.9310	-367.43E-6	-0.96891	7.4345E-6
	55.00000	3.00000	-8.50000	-7.8971	-8.9310	-299.51E-6	-0.87310	6.7007E-6
	56.00000	3.00000	-8.50000	-7.3410	-8.9310	-246.75E-6	-0.79023	6.0659E-6
	57.00000	3.00000	-8.50000	-6.8299	-8.9310	-205.21E-6	-0.71806	5.5128E-6
	58.00000	3.00000	-8.50000	-6.3592	-8.9310	-172.11E-6	-0.65483	5.0281E-6
	59.00000	3.00000	-8.50000	-5.9250	-8.9310	-145.44E-6	-0.59913	4.6009E-6
	60.00000	3.00000	-8.50000	-5.5239	-8.9310	-123.75E-6	-0.54981	4.2226E-6
	-20.00000	4.00000	-8.50000	-5.7580	-8.9310	-136.07E-6	-0.57916	4.4478E-6
	-19.00000	4.00000	-8.50000	-6.1811	-8.9310	-160.22E-6	-0.63231	4.8554E-6
	-18.00000	4.00000	-8.50000	-6.6395	-8.9310	-189.92E-6	-0.69243	5.3164E-6
	-17.00000	4.00000	-8.50000	-7.1370	-8.9310	-226.78E-6	-0.76077	5.8402E-6
	-16.00000	4.00000	-8.50000	-7.6777	-8.9310	-273.02E-6	-0.83886	6.4386E-6
	-15.00000	4.00000	-8.50000	-8.2665	-8.9310	-331.69E-6	-0.92863	7.1263E-6
	-14.00000	4.00000	-8.50000	-8.9089	-8.9310	-407.12E-6	-1.0325	7.9217E-6
	-13.00000	4.00000	-8.50000	-9.6115	-8.9310	-505.57E-6	-1.1536	8.8486E-6
	-12.00000	4.00000	-8.50000	-10.382	-8.9310	-636.29E-6	-1.2961	9.9380E-6
	-11.00000	4.00000	-8.50000	-11.229	-8.9310	-813.34E-6	-1.4652	11.231E-6
	-10.00000	4.00000	-8.50000	-12.164	-8.9310	-0.0010588	-1.6685	12.783E-6
	-9.00000	4.00000	-8.50000	-13.200	-8.9310	-0.0014084	-1.9162	14.671E-6
	-8.00000	4.00000	-8.50000	-14.355	-8.9310	-0.0019231	-2.2229	17.006E-6
	-7.00000	4.00000	-8.50000	-15.648	-8.9310	-0.0027112	-2.6103	19.949E-6
	-6.00000	4.00000	-8.50000	-17.107	-8.9310	-0.0039769	-3.1120	23.749E-6
	-5.00000	4.00000	-8.50000	-18.768	-8.9310	-0.0061354	-3.7821	28.803E-6
	-4.00000	4.00000	-8.50000	-20.683	-8.9310	-0.010107	-4.7135	35.783E-6
	-3.00000	4.00000	-8.50000	-22.921	-8.9310	-0.018182	-6.0782	45.906E-6
	-2.00000	4.00000	-8.50000	-25.591	-8.9310	-0.037033	-8.2280	61.569E-6
	-1.00000	4.00000	-8.50000	-28.867	-8.9310	-0.091115	-11.993	88.031E-6
	0.00000	4.00000	-8.50000	-33.062	-8.9310	-0.31126	-19.831	138.15E-6
	1.00000	4.00000	-8.50000	-38.843	-8.9310	-2.1985	-42.859	228.17E-6
	2.00000	4.00000	-8.50000	-49.581	-8.9310	-79.979	-184.28	-0.0022733
	3.00000	4.00000	-8.50000	-60.304	-8.9310	-157.76	-325.70	-0.0047747
	4.00000	4.00000	-8.50000	-66.041	-8.9310	-159.65	-348.72	-0.0046848
	5.00000	4.00000	-8.50000	-70.161	-8.9310	-159.87	-356.54	-0.0046348
	6.00000	4.00000	-8.50000	-73.335	-8.9310	-159.92	-360.29	-0.0046084
	7.00000	4.00000	-8.50000	-75.874	-8.9310	-159.94	-362.42	-0.0045929
	8.00000	4.00000	-8.50000	-77.954	-8.9310	-159.95	-363.76	-0.0045830
	9.00000	4.00000	-8.50000	-79.683	-8.9310	-159.95	-364.66	-0.0045763
	10.00000	4.00000	-8.50000	-81.133	-8.9310	-159.95	-365.30	-0.0045714
	11.00000	4.00000	-8.50000	-82.354	-8.9310	-159.96	-365.77	-0.0045679
	12.00000	4.00000	-8.50000	-83.381	-8.9310	-159.96	-366.12	-0.0045652
	13.00000	4.00000	-8.50000	-84.242	-8.9310	-159.96	-366.38	-0.0045632
	14.00000	4.00000	-8.50000	-84.956	-8.9310	-159.96	-366.59	-0.0045617
	15.00000	4.00000	-8.50000	-85.538	-8.9310	-159.96	-366.74	-0.0045605
	16.00000	4.00000	-8.50000	-86.000	-8.9310	-159.96	-366.86	-0.0045596
	17.00000	4.00000	-8.50000	-86.349	-8.9310	-159.96	-366.95	-0.0045589
	18.00000	4.00000	-8.50000	-86.593	-8.9310	-159.96	-367.00	-0.0045585
	19.00000	4.00000	-8.50000	-86.735	-8.9310	-159.96	-367.04	-0.0045582
	20.00000	4.00000	-8.50000	-86.777	-8.9310	-159.96	-367.05	-0.0045582
	21.00000	4.00000	-8.50000	-86.720	-8.9310	-159.96	-367.03	-0.0045583
	22.00000	4.00000	-8.50000	-86.563	-8.9310	-159.96	-367.00	-0.0045585
	23.00000	4.00000	-8.50000	-86.304	-8.9310	-159.96	-366.94	-0.0045590
	24.00000	4.00000	-8.50000	-85.938	-8.9310	-159.96	-366.85	-0.0045597
	25.00000	4.00000	-8.50000	-85.459	-8.9310	-159.96	-366.72	-0.0045606
	26.00000	4.00000	-8.50000	-84.858	-8.9310	-159.96	-366.56	-0.0045618
	27.00000	4.00000	-8.50000	-84.124	-8.9310	-159.96	-366.36	-0.0045634
	28.00000	4.00000	-8.50000	-83.242	-8.9310	-159.96	-366.08	-0.0045655
	29.00000	4.00000	-8.50000	-82.192	-8.9310	-159.96	-365.73	-0.0045682
	30.00000	4.00000	-8.50000	-80.948	-8.9310	-159.95	-365.25	-0.0045718
	31.00000	4.00000	-8.50000	-79.475	-8.9310	-159.95	-364.61	-0.0045767
	32.00000	4.00000	-8.50000	-77.721	-8.9310	-159.95	-363.70	-0.0045835
	33.00000	4.00000	-8.50000	-75.618	-8.9310	-159.94	-362.35	-0.0045935
	34.00000	4.00000	-8.50000	-73.055	-8.9310	-159.92	-360.22	-0.0046090
	35.00000	4.00000	-8.50000	-69.860	-8.9310	-159.87	-356.46	-0.0046354
	36.00000	4.00000	-8.50000	-65.721	-8.9310	-159.65	-348.63	-0.0046855
	37.00000	4.00000	-8.50000	-59.968	-8.9310	-157.76	-325.60	-0.0047754
	38.00000	4.00000	-8.50000	-49.232	-8.9310	-79.979	-184.18	-0.0022740
	39.00000	4.00000	-8.50000	-38.485	-8.9310	-2.1984	-42.763	227.43E-6
	40.00000	4.00000	-8.50000	32.699	-8.9310	-0.31114	-19.735	137.42E-6
	41.00000	4.00000	-8.50000	-28.504	-8.9310	-0.090995	-11.898	87.306E-6
	42.00000	4.00000	-8.50000	-25.231	-8.9310	-0.036921	-8.1357	60.864E-6
	43.00000	4.00000	-8.50000	-22.568	-8.9310	-0.018078	-5.9899	45.231E-6
	44.00000	4.00000	-8.50000	-20.340	-8.9310	-0.010013	-4.6301	35.146E-6
	45.00000	4.00000	-8.50000	-18.438	-8.9310	-0.0060515	-3.7042	28.208E-6
	46.00000	4.00000	-8.50000	-16.791	-8.9310	-0.0039033	-3.0399	23.198E-6
	47.00000	4.00000	-8.50000	-15.347	-8.9310	-0.0026472	-2.5441	19.444E-6
	48.00000	4.00000	-8.50000	-14.070	-8.9310	-0.0018681	-2.1626	16.545E-6
	49.00000	4.00000	-8.50000	-12.933	-8.9310	-0.0013614	-1.8616	14.253E-6
	50.00000	4.00000	-8.50000	-11.913	-8.9310	-0.0010188	-1.6192	12.406E-6
	51.00000	4.00000	-8.50000	-10.994	-8.9310	-779.50E-6	-1.4209	10.892E-6
	52.00000	4.00000	-8.50000	-10.163	-8.9310	-607.72E-6	-1.2563	9.6338E-6
	53.00000	4.00000	-8.50000	-9.4081	-8.9310	-481.48E-6	-1.1181	8.5763E-6
	54.00000	4.00000	-8.50000	-8.7201	-8.9310	-386.83E-6	-1.0007	7.6783E-6
	55.00000	4.00000	-8.50000	-8.0915	-8.9310	-314.59E-6	-0.90025	6.9089E-6
	56.00000	4.00000	-8.50000	-7.5157	-8.9310	-258.61E-6	-0.81353	6.2446E-6
	57.00000	4.00000	-8.50000	-6.9872	-8.9310	-214.63E-6	-0.73817	5.6670E-6
	58.00000	4.00000	-8.50000	-6.5010	-8.9310	-179.65E-6	-0.67226	5.1617E-6
	59.00000	4.00000	-8.50000	-6.0531	-8.9310	-151.53E-6	-0.61430	4.7173E-6
	60.00000	4.00000	-8.50000	-5.6398	-8.9310	-128.71E-6	-0.56307	4.3244E-6
	-20.00000	5.00000	-8.50000	-5.8733	-8.9310	-141.70E-6	-0.59300	4.5539E-6
	-19.00000	5.00000	-8.50000	-6.3089	-8.9310	-167.17E-6	-0.64822	4.9774E-6
	-18.00000	5.00000	-8.50000	-6.7814	-8.9310	-198.54E-6	-0.71078	5.4571E-6
	-17.00000	5.00000	-8.50000	-7.2948	-8.9310	-237.56E-6	-0.78202	6.0032E-6
	-16.00000	5.00000	-8.50000	-7.8535	-8.9310	-286.59E-6	-0.86358	6.6282E-6
	-15.00000	5.00000	-8.50000	-8.4626	-8.9310	-348.90E-6	-0.95751	7.3477E-6
	-14.00000	5.00000	-8.50000	-9.1281	-8.9310	-429.16E-6	-1.0664	8.1815E-6
	-13.00000	5.00000	-8.50000	-9.8569	-8.9310	-534.05E-6	-1.1936	9.1551E-6
	-12.00000	5.00000	-8.50000	-10.657	-8.9310	-673.50E-6	-1.3435	10.301E-6
	-11.00000	5.00000	-8.50000	-11.539	-8.9310	-862.53E-6	-1.5219	11.664E-6
	-10.00000	5.00000	-8.50000	-12.513	-8.9310	0.001247	-1.7366	13.304E-6
	-9.00000	5.00000	-8.50000	-13.595	-8.9310	-0.0014982	-1.9986	15.301E-6
	-8.00000	5.00000	-8.50000	-14.802	-8.9310	-0.0020475	-2.3235	17.774E-6
	-7.00000	5.00000	-8.50000	-16.155	-8.9310	-0.0028871	-2.7342	20.895E-6
	-6.00000	5.00000	-8.50000	-17.686	-8.9310	-0.0042321	-3.2663	24.925E-6
	-5.00000	5.00000	-8.50000	-19.430	-8.9310	-0.0065160	-3.9767	30.282E-6
	-4.00000	5.00000	-8.50000	-21.442	-8.9310	-0.010693	-4.9623	37.669E-6
	-3.00000	5.00000	-8.50000	-23.796	-8.9310	-0.019115	-6.4012	48.347E-6
	-2.00000	5.00000	-8.50000	-26.602	-8.9310	-0.038566	-8.6538	64.773E-6
	-1.00000	5.00000	-8.50000	-30.039	-8.9310	-0.093685	-12.562	92.283E-6
	0.00000	5.00000	-8.50000	-34.418	-8.9310	-0.31557	-20.593	143.81E-6
	1.00000	5.00000	-8.50000	-40.407	-8.9310	-2.2054	-43.867	235.60E-6
	2.00000	5.00000	-8.50000	-51.366	-8.9310	-79.989	-185.57	-0.0022638
	3.00000	5.00000	-8.50000	-62.309	-8.9310	-157.77	-327.27	-0.0047633
	4.00000	5.00000	-8.50000	-68.249	-8.9310	-159.66	-350.53	-0.0046716
	5.00000	5.00000	-8.50000	-72.548	-8.9310	-159.88	-358.55	-0.0046202

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	30.00000	5.00000	-8.50000	-83.850	-8.9310	-159.97	-367.64	-0.0045543
	31.00000	5.00000	-8.50000	-82.302	-8.9310	-159.97	-366.96	-0.0045595
	32.00000	5.00000	-8.50000	-80.460	-8.9310	-159.97	-366.00	-0.0045667
	33.00000	5.00000	-8.50000	-78.247	-8.9310	-159.96	-364.58	-0.0045772
	34.00000	5.00000	-8.50000	-75.554	-8.9310	-159.94	-362.34	-0.0045935
	35.00000	5.00000	-8.50000	-72.203	-8.9310	-159.88	-358.45	-0.0046209
	36.00000	5.00000	-8.50000	-67.881	-8.9310	-159.66	-350.42	-0.0046724
	37.00000	5.00000	-8.50000	-61.921	-8.9310	-157.77	-327.15	-0.0047642
	38.00000	5.00000	-8.50000	-50.963	-8.9310	-79.989	-185.45	-0.0022647
	39.00000	5.00000	-8.50000	-39.993	-8.9310	-2.2052	-43.745	234.67E-6
	40.00000	5.00000	-8.50000	-33.999	-8.9310	-0.31539	-20.471	142.88E-6
	41.00000	5.00000	-8.50000	-29.620	-8.9310	-0.093514	-12.442	91.369E-6
	42.00000	5.00000	-8.50000	-26.189	-8.9310	-0.038406	-8.5382	63.891E-6
	43.00000	5.00000	-8.50000	-23.392	-8.9310	-0.018969	-6.2914	47.509E-6
	44.00000	5.00000	-8.50000	-21.052	-8.9310	-0.010562	-4.8595	36.885E-6
	45.00000	5.00000	-8.50000	-19.056	-8.9310	-0.0064017	-3.8816	29.556E-6
	46.00000	5.00000	-8.50000	-17.329	-8.9310	-0.0041334	-3.1792	24.259E-6
	47.00000	5.00000	-8.50000	-15.819	-8.9310	-0.0028029	-2.6551	20.290E-6
	48.00000	5.00000	-8.50000	-14.485	-8.9310	-0.0019762	-2.2521	17.229E-6
	49.00000	5.00000	-8.50000	-13.299	-8.9310	-0.0014383	-1.9346	14.812E-6
	50.00000	5.00000	-8.50000	-12.237	-8.9310	-0.0010746	-1.6794	12.866E-6
	51.00000	5.00000	-8.50000	-11.282	-8.9310	-820.69E-6	-1.4709	11.274E-6
	52.00000	5.00000	-8.50000	-10.419	-8.9310	-638.64E-6	-1.2982	9.9546E-6
	53.00000	5.00000	-8.50000	-9.6365	-8.9310	-505.04E-6	-1.1534	8.8471E-6
	54.00000	5.00000	-8.50000	-8.9245	-8.9310	-405.00E-6	-1.0308	7.9083E-6
	55.00000	5.00000	-8.50000	-8.2747	-8.9310	-328.77E-6	-0.92589	7.1054E-6
	56.00000	5.00000	-8.50000	-7.6803	-8.9310	-269.78E-6	-0.83555	6.4134E-6
	57.00000	5.00000	-8.50000	-7.1353	-8.9310	-223.52E-6	-0.75716	5.8127E-6
	58.00000	5.00000	-8.50000	-6.6346	-8.9310	-186.79E-6	-0.68872	5.2880E-6
	59.00000	5.00000	-8.50000	-6.1737	-8.9310	-157.30E-6	-0.62863	4.8272E-6
	60.00000	5.00000	-8.50000	-5.7489	-8.9310	-133.41E-6	-0.57559	4.4204E-6
	-20.00000	6.00000	-8.50000	-5.9812	-8.9310	-147.13E-6	-0.60608	4.6543E-6
	-19.00000	6.00000	-8.50000	-6.4286	-8.9310	-173.87E-6	-0.66327	5.0929E-6
	-18.00000	6.00000	-8.50000	-6.9144	-8.9310	-206.87E-6	-0.72818	5.5905E-6
	-17.00000	6.00000	-8.50000	-7.4428	-8.9310	-247.98E-6	-0.80220	6.1579E-6
	-16.00000	6.00000	-8.50000	-8.0185	-8.9310	-299.72E-6	-0.88708	6.8083E-6
	-15.00000	6.00000	-8.50000	-8.6468	-8.9310	-365.57E-6	-0.98500	7.5583E-6
	-14.00000	6.00000	-8.50000	-9.3342	-8.9310	-450.49E-6	-1.0987	8.4289E-6
	-13.00000	6.00000	-8.50000	-10.088	-8.9310	-561.59E-6	-1.2318	9.4471E-6
	-12.00000	6.00000	-8.50000	-10.917	-8.9310	-709.36E-6	-1.3888	10.648E-6
	-11.00000	6.00000	-8.50000	-11.831	-8.9310	-909.72E-6	-1.5759	12.077E-6
	-10.00000	6.00000	-8.50000	-12.842	-8.9310	-0.0011875	-1.8014	13.799E-6
	-9.00000	6.00000	-8.50000	-13.967	-8.9310	-0.0015827	-2.0768	15.898E-6
	-8.00000	6.00000	-8.50000	-15.222	-8.9310	-0.0021628	-2.4184	18.499E-6
	-7.00000	6.00000	-8.50000	-16.633	-8.9310	-0.0030467	-2.8503	21.780E-6
	-6.00000	6.00000	-8.50000	-18.228	-8.9310	-0.0044566	-3.4093	26.013E-6
	-5.00000	6.00000	-8.50000	-20.048	-8.9310	-0.0068373	-4.1541	31.631E-6
	-4.00000	6.00000	-8.50000	-22.147	-8.9310	-0.011161	-5.1841	39.354E-6
	-3.00000	6.00000	-8.50000	-24.600	-8.9310	-0.019810	-6.6807	50.464E-6
	-2.00000	6.00000	-8.50000	-27.521	-8.9310	-0.039612	-9.0081	67.449E-6
	-1.00000	6.00000	-8.50000	-31.087	-8.9310	-0.095266	-13.012	95.672E-6
	0.00000	6.00000	-8.50000	-35.612	-8.9310	-0.31792	-21.162	148.08E-6
	1.00000	6.00000	-8.50000	-41.757	-8.9310	-2.2088	-44.578	240.90E-6
	2.00000	6.00000	-8.50000	-52.878	-8.9310	-79.994	-186.43	-0.0022574
	3.00000	6.00000	-8.50000	-63.981	-8.9310	-157.78	-328.29	-0.0047557
	4.00000	6.00000	-8.50000	-70.073	-8.9310	-159.67	-351.69	-0.0046630
	5.00000	6.00000	-8.50000	-74.507	-8.9310	-159.89	-359.82	-0.0046107
	6.00000	6.00000	-8.50000	-77.950	-8.9310	-159.95	-363.79	-0.0045827
	7.00000	6.00000	-8.50000	-80.717	-8.9310	-159.97	-366.09	-0.0045660
	8.00000	6.00000	-8.50000	-82.985	-8.9310	-159.98	-367.55	-0.0045552
	9.00000	6.00000	-8.50000	-84.871	-8.9310	-159.98	-368.54	-0.0045478
	10.00000	6.00000	-8.50000	-86.450	-8.9310	-159.98	-369.24	-0.0045425
	11.00000	6.00000	-8.50000	-87.777	-8.9310	-159.98	-369.75	-0.0045386
	12.00000	6.00000	-8.50000	-88.893	-8.9310	-159.99	-370.14	-0.0045357
	13.00000	6.00000	-8.50000	-89.826	-8.9310	-159.99	-370.43	-0.0045334
	14.00000	6.00000	-8.50000	-90.599	-8.9310	-159.99	-370.65	-0.0045317
	15.00000	6.00000	-8.50000	-91.228	-8.9310	-159.99	-370.82	-0.0045304
	16.00000	6.00000	-8.50000	-91.727	-8.9310	-159.99	-370.95	-0.0045295
	17.00000	6.00000	-8.50000	-92.105	-8.9310	-159.99	-371.05	-0.0045287
	18.00000	6.00000	-8.50000	-92.368	-8.9310	-159.99	-371.11	-0.0045283
	19.00000	6.00000	-8.50000	-92.521	-8.9310	-159.99	-371.15	-0.0045280
	20.00000	6.00000	-8.50000	-92.566	-8.9310	-159.99	-371.16	-0.0045279
	21.00000	6.00000	-8.50000	-92.505	-8.9310	-159.99	-371.14	-0.0045280
	22.00000	6.00000	-8.50000	-92.335	-8.9310	-159.99	-371.10	-0.0045283
	23.00000	6.00000	-8.50000	-92.055	-8.9310	-159.99	-371.03	-0.0045288
	24.00000	6.00000	-8.50000	-91.659	-8.9310	-159.99	-370.94	-0.0045296
	25.00000	6.00000	-8.50000	-91.140	-8.9310	-159.99	-370.80	-0.0045306
	26.00000	6.00000	-8.50000	-90.487	-8.9310	-159.99	-370.63	-0.0045319
	27.00000	6.00000	-8.50000	-89.690	-8.9310	-159.99	-370.39	-0.0045337
	28.00000	6.00000	-8.50000	-88.729	-8.9310	-159.99	-370.09	-0.0045360
	29.00000	6.00000	-8.50000	-87.584	-8.9310	-159.98	-369.70	-0.0045390
	30.00000	6.00000	-8.50000	-86.224	-8.9310	-159.98	-369.18	-0.0045430
	31.00000	6.00000	-8.50000	-84.611	-8.9310	-159.98	-368.46	-0.0045483
	32.00000	6.00000	-8.50000	-82.691	-8.9310	-159.98	-367.46	-0.0045558
	33.00000	6.00000	-8.50000	-80.387	-8.9310	-159.97	-365.99	-0.0045668
	34.00000	6.00000	-8.50000	-77.586	-8.9310	-159.95	-363.68	-0.0045836
	35.00000	6.00000	-8.50000	-74.110	-8.9310	-159.89	-359.69	-0.0046117
	36.00000	6.00000	-8.50000	-69.646	-8.9310	-159.67	-351.55	-0.0046640
	37.00000	6.00000	-8.50000	-63.530	-8.9310	-157.78	-328.14	-0.0047568
	38.00000	6.00000	-8.50000	-52.408	-8.9310	-79.994	-186.28	-0.0022586
	39.00000	6.00000	-8.50000	-41.275	-8.9310	-2.2085	-44.421	239.71E-6
	40.00000	6.00000	-8.50000	-35.124	-8.9310	-0.31766	-21.005	146.88E-6
	41.00000	6.00000	-8.50000	-30.601	-8.9310	-0.095012	-12.858	94.504E-6
	42.00000	6.00000	-8.50000	-27.043	-8.9310	-0.039377	-8.8612	66.330E-6
	43.00000	6.00000	-8.50000	-24.135	-8.9310	-0.019600	-6.5425	49.411E-6
	44.00000	6.00000	-8.50000	-21.700	-8.9310	-0.010977	-5.0561	38.377E-6
	45.00000	6.00000	-8.50000	-19.622	-8.9310	-0.0066789	-4.0369	30.738E-6
	46.00000	6.00000	-8.50000	-17.826	-8.9310	-0.0043226	-3.3033	25.205E-6
	47.00000	6.00000	-8.50000	-16.255	-8.9310	-0.0029347	-2.7552	21.054E-6
	48.00000	6.00000	-8.50000	-14.869	-8.9310	-0.0020698	-2.3336	17.851E-6
	49.00000	6.00000	-8.50000	-13.638	-8.9310	-0.0015060	-2.0015	15.323E-6
	50.00000	6.00000	-8.50000	-12.538	-8.9310	-0.0011244	-1.7349	13.290E-6
	51.00000	6.00000	-8.50000	-11.550	-8.9310	-857.91E-6	-1.5172	11.629E-6
	52.00000	6.00000	-8.50000	-10.658	-8.9310	-666.83E-6	-1.3371	10.252E-6
	53.00000	6.00000	-8.50000	-9.8495	-8.9310	-526.65E-6	-1.1863	9.0991E-6
	54.00000	6.00000	-8.50000	-9.1150	-8.9310	-421.76E-6	-1.0587	8.1227E-6
	55.00000	6.00000	-8.50000	-8.4456	-8.9310	-341.90E-6	-0.94981	7.2888E-6
	56.00000	6.00000	-8.50000	-7.8338	-8.9310	-280.17E-6	-0.85610	6.5710E-6
	57.00000	6.00000	-8.50000	-7.2734	-8.9310	-231.81E-6	-0.77491	5.9487E-6
	58.00000	6.00000	-8.50000	-6.7590	-8.9310	-193.45E-6	-0.70410	5.4060E-6
	59.00000	6.00000	-8.50000	-6.2861	-8.9310	-162.70E-6	-0.64202	4.9299E-6
	60.00000	6.00000	-8.50000	-5.8505	-8.9310	-137.81E-6	-0.58729	4.5102E-6
	-20.00000	7.00000	-8.50000	-6.0809	-8.9310	-152.31E-6	-0.61830	4.7480E-6
	-19.00000	7.00000	-8.50000	-6.5393	-8.9310	-180.28E-6	-0.67737	5.2010E-6
	-18.00000	7.00000	-8.50000	-7.0376	-8.9310	-214.86E-6	-0.74449	5.7156E-6
	-17.00000	7.00000	-8.50000	-7.5801	-8.9310	-257.99E-6	-0.82116	6.3032E-6
	-16.00000	7.00000	-8.50000	-8.1717	-8.9310	-312.35E-6	-0.90921	6.9778E-6
	-15.00000	7.00000	-8.50000	-8.8181	-8.9310	-381.64E-6	-1.0109	7.7569E-6
	-14.00000	7.00000	-8.50000	-9.5260	-8.9310	-471.07E-6	-1.1292	8.6626E-6
	-13.00000	7.00000	-8.50000	-10.303	-8.9310	-588.17E-6	-1.2678	9.7231E-6
	-12.00000	7.00000	-8.50000	-11.159	-8.9310	-743.97E-6	-1.4316	10.976E-6
	-11.00000	7.00000	-8.50000	-12.103	-8.9310	-955.16E-6	-1.6270	12.468E-6
	-10.00000	7.00000	-8.50000	-13.150	-8.9310	-0.0012477	-1.8626	14.267E-6
	-9.00000	7.00000	-8.50000	-14.314	-8.9310	-0.0016632	-2.1505	16.462E-6
	-8.00000	7.00000	-8.50000	-15.615	-8.9310	-0.0022713	-2.5077	19.181E-6
	-7.00000	7.00000	-8.50000	-17.078	-8.9310	-0.0031945	-2.9589	22.608E-6
	-6.00000	7.00000	-8.50000	-18.732	-8.9310	-0.0046595	-3.5419	27.024E-6
	-5.00000	7.00000	-8.50000	-20.620	-8.9310	-0.0071181	-4.3166	32.868E-6
	-4.00000	7.00000	-8.50000	-22.796	-8.9310	-0.011552	-5.3838	40.871E-6
	-3.00000	7.00000	-8.50000	-25.336	-8.9310	-0.020357	-6.9264	52.328E-6
	-2.00000	7.00000	-8.50000	-28.354	-8.9310	-0.040378	-9.3100	69.735E-6
	-1.00000	7.00000	-8.50000	-32.027	-8.9310	-0.096330	-13.381	98.463E-6
	0.00000	7.00000	-8.50000	-36.666	-8.9310	-0.31938	-21.610	151.46E-6
	1.00000	7.00000	-8.50000	-42.932	-8.9310	-2.2107	-45.113	244.93E-6
	2.00000	7.00000	-8.50000	-54.176	-8.9310	-79.996	-187.06	-0.0022527
	3.00000	7.00000	-8.50000	-65.399	-8.9310	-157.78	-329.00	-0.0047503
	4.00000	7.00000	-8.50000	-71.603	-8.9310	-159.67	-352.49	-0.0046570
	5.00000	7.00000	-8.50000	-76.141	-8.9310	-159.90	-360.69	-0.0046042
	6.00000	7.00000	-8.50000	-79.676	-8.9310	-159.95	-364.72	-0.0045758
	7.00000	7.00000	-8.50000	-82.522	-8.9310	-159.97	-367.06	-0.0045587
	8.00000	7.00000	-8.50000	-84.859	-8.9310	-159.98	-368.56	-0.0045476

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	9.00000	7.00000	-8.50000	-86.803	-8.9310	-159.99	-369.57	-0.0045400
	10.00000	7.00000	-8.50000	-88.431	-8.9310	-159.99	-370.30	-0.0045345
	11.00000	7.00000	-8.50000	-89.800	-8.9310	-159.99	-370.83	-0.0045305
	12.00000	7.00000	-8.50000	-90.951	-8.9310	-159.99	-371.22	-0.0045275
	13.00000	7.00000	-8.50000	-91.913	-8.9310	-159.99	-371.53	-0.0045252
	14.00000	7.00000	-8.50000	-92.710	-8.9310	-159.99	-371.76	-0.0045235
	15.00000	7.00000	-8.50000	-93.359	-8.9310	-159.99	-371.93	-0.0045221
	16.00000	7.00000	-8.50000	-93.873	-8.9310	-159.99	-372.07	-0.0045211
	17.00000	7.00000	-8.50000	-94.263	-8.9310	-159.99	-372.16	-0.0045204
	18.00000	7.00000	-8.50000	-94.534	-8.9310	-159.99	-372.23	-0.0045199
	19.00000	7.00000	-8.50000	-94.692	-8.9310	-159.99	-372.27	-0.0045196
	20.00000	7.00000	-8.50000	-94.739	-8.9310	-159.99	-372.28	-0.0045195
	21.00000	7.00000	-8.50000	-94.676	-8.9310	-159.99	-372.26	-0.0045196
	22.00000	7.00000	-8.50000	-94.501	-8.9310	-159.99	-372.22	-0.0045199
	23.00000	7.00000	-8.50000	-94.212	-8.9310	-159.99	-372.15	-0.0045205
	24.00000	7.00000	-8.50000	-93.803	-8.9310	-159.99	-372.05	-0.0045212
	25.00000	7.00000	-8.50000	-93.267	-8.9310	-159.99	-371.91	-0.0045223
	26.00000	7.00000	-8.50000	-92.593	-8.9310	-159.99	-371.73	-0.0045237
	27.00000	7.00000	-8.50000	-91.768	-8.9310	-159.99	-371.49	-0.0045255
	28.00000	7.00000	-8.50000	-90.774	-8.9310	-159.99	-371.17	-0.0045279
	29.00000	7.00000	-8.50000	-89.589	-8.9310	-159.99	-370.77	-0.0045310
	30.00000	7.00000	-8.50000	-88.182	-8.9310	-159.99	-370.22	-0.0045351
	31.00000	7.00000	-8.50000	-86.513	-8.9310	-159.98	-369.48	-0.0045407
	32.00000	7.00000	-8.50000	-84.527	-8.9310	-159.98	-368.45	-0.0045484
	33.00000	7.00000	-8.50000	-82.146	-8.9310	-159.97	-366.94	-0.0045597
	34.00000	7.00000	-8.50000	-79.257	-8.9310	-159.95	-364.58	-0.0045769
	35.00000	7.00000	-8.50000	-75.680	-8.9310	-159.90	-360.53	-0.0046055
	36.00000	7.00000	-8.50000	-71.105	-8.9310	-159.67	-352.31	-0.0046584
	37.00000	7.00000	-8.50000	-64.870	-8.9310	-157.78	-328.81	-0.0047518
	38.00000	7.00000	-8.50000	-53.623	-8.9310	-79.996	-186.86	-0.0022542
	39.00000	7.00000	-8.50000	-42.364	-8.9310	-2.2103	-44.907	243.37E-6
	40.00000	7.00000	-8.50000	-36.093	-8.9310	-0.31896	-21.404	149.89E-6
	41.00000	7.00000	-8.50000	-31.457	-8.9310	-0.095939	-13.181	96.944E-6
	42.00000	7.00000	-8.50000	-27.797	-8.9310	-0.040023	-9.1202	68.293E-6
	43.00000	7.00000	-8.50000	-24.798	-8.9310	-0.020046	-6.7500	50.986E-6
	44.00000	7.00000	-8.50000	-22.282	-8.9310	-0.011286	-5.2226	39.643E-6
	45.00000	7.00000	-8.50000	-20.134	-8.9310	-0.0068952	-4.1712	31.760E-6
	46.00000	7.00000	-8.50000	-18.276	-8.9310	-0.0044755	-3.4122	26.035E-6
	47.00000	7.00000	-8.50000	-16.653	-8.9310	-0.0030442	-2.8441	21.732E-6
	48.00000	7.00000	-8.50000	-15.221	-8.9310	-0.0021494	-2.4067	18.409E-6
	49.00000	7.00000	-8.50000	-13.950	-8.9310	-0.0015646	-2.0620	15.786E-6
	50.00000	7.00000	-8.50000	-12.815	-8.9310	-0.0011681	-1.7853	13.676E-6
	51.00000	7.00000	-8.50000	-11.796	-8.9310	-890.97E-6	-1.5595	11.952E-6
	52.00000	7.00000	-8.50000	-10.877	-8.9310	-692.10E-6	-1.3727	10.525E-6
	53.00000	7.00000	-8.50000	-10.046	-8.9310	-546.17E-6	-1.2165	9.3304E-6
	54.00000	7.00000	-8.50000	-9.2905	-8.9310	-436.99E-6	-1.0845	8.3199E-6
	55.00000	7.00000	-8.50000	-8.6029	-8.9310	-353.89E-6	-0.97184	7.4576E-6
	56.00000	7.00000	-8.50000	-7.9751	-8.9310	-289.69E-6	-0.87505	6.7162E-6
	57.00000	7.00000	-8.50000	-7.4005	-8.9310	-239.42E-6	-0.79127	6.0742E-6
	58.00000	7.00000	-8.50000	-6.8736	-8.9310	-199.58E-6	-0.71829	5.5148E-6
	59.00000	7.00000	-8.50000	-6.3895	-8.9310	-167.68E-6	-0.65437	5.0247E-6
	60.00000	7.00000	-8.50000	-5.9439	-8.9310	-141.87E-6	-0.59808	4.5930E-6
	-20.00000	8.00000	-8.50000	-6.1718	-8.9310	-157.20E-6	-0.62959	4.8346E-6
	-19.00000	8.00000	-8.50000	-6.6404	-8.9310	-186.36E-6	-0.69041	5.3010E-6
	-18.00000	8.00000	-8.50000	-7.1502	-8.9310	-222.45E-6	-0.75962	5.8316E-6
	-17.00000	8.00000	-8.50000	-7.7057	-8.9310	-267.55E-6	-0.83878	6.4383E-6
	-16.00000	8.00000	-8.50000	-8.3120	-8.9310	-324.45E-6	-0.92980	7.1357E-6
	-15.00000	8.00000	-8.50000	-8.9752	-8.9310	-397.08E-6	-1.0351	7.9422E-6
	-14.00000	8.00000	-8.50000	-9.7022	-8.9310	-490.91E-6	-1.1577	8.8810E-6
	-13.00000	8.00000	-8.50000	-10.501	-8.9310	-613.86E-6	-1.3016	9.9819E-6
	-12.00000	8.00000	-8.50000	-11.381	-8.9310	-777.50E-6	-1.4718	11.283E-6
	-11.00000	8.00000	-8.50000	-12.354	-8.9310	-999.30E-6	-1.6751	12.836E-6
	-10.00000	8.00000	-8.50000	-13.433	-8.9310	-0.0013062	-1.9203	14.708E-6
	-9.00000	8.00000	-8.50000	-14.634	-8.9310	-0.0017414	-2.2201	16.994E-6
	-8.00000	8.00000	-8.50000	-15.978	-8.9310	-0.0023767	-2.5919	19.823E-6
	-7.00000	8.00000	-8.50000	-17.488	-8.9310	-0.0033370	-3.0611	23.387E-6
	-6.00000	8.00000	-8.50000	-19.198	-8.9310	-0.0048531	-3.6662	27.971E-6
	-5.00000	8.00000	-8.50000	-21.147	-8.9310	-0.0073815	-4.4679	34.020E-6
	-4.00000	8.00000	-8.50000	-23.392	-8.9310	-0.011909	-5.5677	42.269E-6
	-3.00000	8.00000	-8.50000	-26.008	-8.9310	-0.020838	-7.1490	54.018E-6
	-2.00000	8.00000	-8.50000	-29.109	-8.9310	-0.041015	-9.5777	71.765E-6
	-1.00000	8.00000	-8.50000	-32.871	-8.9310	-0.097160	-13.700	100.88E-6
	0.00000	8.00000	-8.50000	-37.603	-8.9310	-0.32043	-21.985	154.29E-6
	1.00000	8.00000	-8.50000	-43.963	-8.9310	-2.2120	-45.546	248.20E-6
	2.00000	8.00000	-8.50000	-55.301	-8.9310	-79.998	-187.55	-0.0022490
	3.00000	8.00000	-8.50000	-66.614	-8.9310	-157.78	-329.55	-0.0047462
	4.00000	8.00000	-8.50000	-72.902	-8.9310	-159.68	-353.08	-0.0046525
	5.00000	8.00000	-8.50000	-77.517	-8.9310	-159.90	-361.33	-0.0045994
	6.00000	8.00000	-8.50000	-81.121	-8.9310	-159.95	-365.39	-0.0045707
	7.00000	8.00000	-8.50000	-84.028	-8.9310	-159.97	-367.76	-0.0045534
	8.00000	8.00000	-8.50000	-86.418	-8.9310	-159.98	-369.28	-0.0045422
	9.00000	8.00000	-8.50000	-88.407	-8.9310	-159.99	-370.32	-0.0045344
	10.00000	8.00000	-8.50000	-90.075	-8.9310	-159.99	-371.05	-0.0045288
	11.00000	8.00000	-8.50000	-91.478	-8.9310	-159.99	-371.60	-0.0045247
	12.00000	8.00000	-8.50000	-92.657	-8.9310	-159.99	-372.00	-0.0045216
	13.00000	8.00000	-8.50000	-93.644	-8.9310	-159.99	-372.31	-0.0045193
	14.00000	8.00000	-8.50000	-94.461	-8.9310	-159.99	-372.55	-0.0045175
	15.00000	8.00000	-8.50000	-95.126	-8.9310	-159.99	-372.73	-0.0045161
	16.00000	8.00000	-8.50000	-95.654	-8.9310	-159.99	-372.87	-0.0045151
	17.00000	8.00000	-8.50000	-96.053	-8.9310	-159.99	-372.96	-0.0045143
	18.00000	8.00000	-8.50000	-96.332	-8.9310	-159.99	-373.03	-0.0045138
	19.00000	8.00000	-8.50000	-96.494	-8.9310	-159.99	-373.07	-0.0045135
	20.00000	8.00000	-8.50000	-96.543	-8.9310	-159.99	-373.08	-0.0045134
	21.00000	8.00000	-8.50000	-96.478	-8.9310	-159.99	-373.07	-0.0045135
	22.00000	8.00000	-8.50000	-96.300	-8.9310	-159.99	-373.02	-0.0045139
	23.00000	8.00000	-8.50000	-96.003	-8.9310	-159.99	-372.95	-0.0045144
	24.00000	8.00000	-8.50000	-95.583	-8.9310	-159.99	-372.85	-0.0045152
	25.00000	8.00000	-8.50000	-95.032	-8.9310	-159.99	-372.70	-0.0045163
	26.00000	8.00000	-8.50000	-94.339	-8.9310	-159.99	-372.52	-0.0045177
	27.00000	8.00000	-8.50000	-93.491	-8.9310	-159.99	-372.27	-0.0045196
	28.00000	8.00000	-8.50000	-92.469	-8.9310	-159.99	-371.95	-0.0045221
	29.00000	8.00000	-8.50000	-91.249	-8.9310	-159.99	-371.52	-0.0045253
	30.00000	8.00000	-8.50000	-89.802	-8.9310	-159.99	-370.97	-0.0045295
	31.00000	8.00000	-8.50000	-88.085	-8.9310	-159.99	-370.21	-0.0045352
	32.00000	8.00000	-8.50000	-86.043	-8.9310	-159.98	-369.15	-0.0045432
	33.00000	8.00000	-8.50000	-83.598	-8.9310	-159.97	-367.61	-0.0045546
	34.00000	8.00000	-8.50000	-80.637	-8.9310	-159.95	-365.21	-0.0045721
	35.00000	8.00000	-8.50000	-76.980	-8.9310	-159.90	-361.11	-0.0046010
	36.00000	8.00000	-8.50000	-72.317	-8.9310	-159.67	-352.85	-0.0046543
	37.00000	8.00000	-8.50000	-65.988	-8.9310	-157.78	-329.29	-0.0047482
	38.00000	8.00000	-8.50000	-54.644	-8.9310	-79.997	-187.28	-0.0022510
	39.00000	8.00000	-8.50000	-43.289	-8.9310	-2.2113	-45.267	246.09E-6
	40.00000	8.00000	-8.50000	-36.923	-8.9310	-0.31976	-21.708	152.19E-6
	41.00000	8.00000	-8.50000	-32.198	-8.9310	-0.096535	-13.434	98.857E-6
	42.00000	8.00000	-8.50000	-28.454	-8.9310	-0.040461	-9.3282	69.871E-6
	43.00000	8.00000	-8.50000	-25.381	-8.9310	-0.020364	-6.9204	52.282E-6
	44.00000	8.00000	-8.50000	-22.798	-8.9310	-0.011517	-5.3622	40.707E-6
	45.00000	8.00000	-8.50000	-20.590	-8.9310	-0.0070

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-12.00000	9.00000	-8.50000	-11.584	-8.9310	-810.24E-6	-1.5093	11.570E-6
	-11.00000	9.00000	-8.50000	-12.583	-8.9310	-0.0010427	-1.7200	13.180E-6
	-10.00000	9.00000	-8.50000	-13.691	-8.9310	-0.0013643	-1.9746	15.122E-6
	-9.00000	9.00000	-8.50000	-14.927	-8.9310	-0.0018198	-2.2857	17.495E-6
	-8.00000	9.00000	-8.50000	-16.309	-8.9310	-0.0024832	-2.6716	20.432E-6
	-7.00000	9.00000	-8.50000	-17.864	-8.9310	-0.0034828	-3.1583	24.128E-6
	-6.00000	9.00000	-8.50000	-19.624	-8.9310	-0.0050531	-3.7848	28.874E-6
	-5.00000	9.00000	-8.50000	-21.630	-8.9310	-0.0076555	-4.6125	35.119E-6
	-4.00000	9.00000	-8.50000	-23.938	-8.9310	-0.012282	-5.7435	43.604E-6
	-3.00000	9.00000	-8.50000	-26.623	-8.9310	-0.021337	-7.3610	55.625E-6
	-2.00000	9.00000	-8.50000	-29.797	-8.9310	-0.041668	-9.8304	73.678E-6
	-1.00000	9.00000	-8.50000	-33.635	-8.9310	-0.097981	-13.996	103.11E-6
	0.00000	9.00000	-8.50000	-38.444	-8.9310	-0.32142	-22.324	156.85E-6
	1.00000	9.00000	-8.50000	-44.880	-8.9310	-2.2132	-45.926	251.08E-6
	2.00000	9.00000	-8.50000	-56.288	-8.9310	-79.999	-187.97	-0.0022458
	3.00000	9.00000	-8.50000	-67.667	-8.9310	-157.79	-330.00	-0.0047428
	4.00000	9.00000	-8.50000	-74.016	-8.9310	-159.68	-353.56	-0.0046489
	5.00000	9.00000	-8.50000	-78.685	-8.9310	-159.90	-361.82	-0.0045957
	6.00000	9.00000	-8.50000	-82.337	-8.9310	-159.96	-365.91	-0.0045668
	7.00000	9.00000	-8.50000	-85.287	-8.9310	-159.98	-368.29	-0.0045494
	8.00000	9.00000	-8.50000	-87.715	-8.9310	-159.98	-369.82	-0.0045381
	9.00000	9.00000	-8.50000	-89.738	-8.9310	-159.99	-370.87	-0.0045302
	10.00000	9.00000	-8.50000	-91.435	-8.9310	-159.99	-371.61	-0.0045246
	11.00000	9.00000	-8.50000	-92.864	-8.9310	-159.99	-372.16	-0.0045205
	12.00000	9.00000	-8.50000	-94.065	-8.9310	-159.99	-372.57	-0.0045173
	13.00000	9.00000	-8.50000	-95.071	-8.9310	-159.99	-372.89	-0.0045149
	14.00000	9.00000	-8.50000	-95.904	-8.9310	-159.99	-373.13	-0.0045131
	15.00000	9.00000	-8.50000	-96.583	-8.9310	-159.99	-373.31	-0.0045117
	16.00000	9.00000	-8.50000	-97.122	-8.9310	-160.00	-373.45	-0.0045106
	17.00000	9.00000	-8.50000	-97.530	-8.9310	-160.00	-373.55	-0.0045099
	18.00000	9.00000	-8.50000	-97.815	-8.9310	-160.00	-373.62	-0.0045093
	19.00000	9.00000	-8.50000	-97.981	-8.9310	-160.00	-373.66	-0.0045090
	20.00000	9.00000	-8.50000	-98.032	-8.9310	-160.00	-373.67	-0.0045089
	21.00000	9.00000	-8.50000	-97.966	-8.9310	-160.00	-373.66	-0.0045091
	22.00000	9.00000	-8.50000	-97.784	-8.9310	-160.00	-373.61	-0.0045094
	23.00000	9.00000	-8.50000	-97.481	-8.9310	-160.00	-373.54	-0.0045100
	24.00000	9.00000	-8.50000	-97.052	-8.9310	-160.00	-373.43	-0.0045108
	25.00000	9.00000	-8.50000	-96.489	-8.9310	-159.99	-373.29	-0.0045119
	26.00000	9.00000	-8.50000	-95.781	-8.9310	-159.99	-373.09	-0.0045134
	27.00000	9.00000	-8.50000	-94.912	-8.9310	-159.99	-372.84	-0.0045153
	28.00000	9.00000	-8.50000	-93.866	-8.9310	-159.99	-372.51	-0.0045178
	29.00000	9.00000	-8.50000	-92.618	-8.9310	-159.99	-372.08	-0.0045211
	30.00000	9.00000	-8.50000	-91.136	-8.9310	-159.99	-371.51	-0.0045254
	31.00000	9.00000	-8.50000	-89.379	-8.9310	-159.99	-370.73	-0.0045312
	32.00000	9.00000	-8.50000	-87.291	-8.9310	-159.98	-369.66	-0.0045393
	33.00000	9.00000	-8.50000	-84.795	-8.9310	-159.98	-368.09	-0.0045509
	34.00000	9.00000	-8.50000	-81.775	-8.9310	-159.96	-365.67	-0.0045686
	35.00000	9.00000	-8.50000	-78.053	-8.9310	-159.90	-361.54	-0.0045978
	36.00000	9.00000	-8.50000	-73.321	-8.9310	-159.68	-353.24	-0.0046513
	37.00000	9.00000	-8.50000	-66.918	-8.9310	-157.78	-329.64	-0.0047455
	38.00000	9.00000	-8.50000	-55.499	-8.9310	-79.998	-187.59	-0.0022487
	39.00000	9.00000	-8.50000	-44.067	-8.9310	-2.2120	-45.540	248.16E-6
	40.00000	9.00000	-8.50000	-37.627	-8.9310	-0.32026	-21.942	153.97E-6
	41.00000	9.00000	-8.50000	-32.831	-8.9310	-0.096930	-13.632	100.36E-6
	42.00000	9.00000	-8.50000	-29.021	-8.9310	-0.040764	-9.4948	71.139E-6
	43.00000	9.00000	-8.50000	-25.886	-8.9310	-0.020593	-7.0596	53.342E-6
	44.00000	9.00000	-8.50000	-23.247	-8.9310	-0.011688	-5.4781	41.590E-6
	45.00000	9.00000	-8.50000	-20.990	-8.9310	-0.0071906	-4.3821	33.369E-6
	46.00000	9.00000	-8.50000	-19.035	-8.9310	-0.0046937	-3.5866	27.366E-6
	47.00000	9.00000	-8.50000	-17.326	-8.9310	-0.0032063	-2.9888	22.838E-6
	48.00000	9.00000	-8.50000	-15.819	-8.9310	-0.0022708	-2.5272	19.331E-6
	49.00000	9.00000	-8.50000	-14.481	-8.9310	-0.0016563	-2.1628	16.557E-6
	50.00000	9.00000	-8.50000	-13.288	-8.9310	-0.0012380	-1.8700	14.324E-6
	51.00000	9.00000	-8.50000	-12.217	-8.9310	-944.64E-6	-1.6309	12.499E-6
	52.00000	9.00000	-8.50000	-11.253	-8.9310	-733.69E-6	-1.4333	10.989E-6
	53.00000	9.00000	-8.50000	-10.382	-8.9310	-578.66E-6	-1.2680	9.7252E-6
	54.00000	9.00000	-8.50000	-9.5919	-8.9310	-462.56E-6	-1.1285	8.6574E-6
	55.00000	9.00000	-8.50000	-8.8733	-8.9310	-374.17E-6	-1.0096	7.7474E-6
	56.00000	9.00000	-8.50000	-8.2180	-8.9310	-305.88E-6	-0.90761	6.9659E-6
	57.00000	9.00000	-8.50000	-7.6190	-8.9310	-252.43E-6	-0.81942	6.2901E-6
	58.00000	9.00000	-8.50000	-7.0705	-8.9310	-210.10E-6	-0.74272	5.7022E-6
	59.00000	9.00000	-8.50000	-6.5671	-8.9310	-176.23E-6	-0.67564	5.1879E-6
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	-20.00000	10.00000	-8.50000	-6.3249	-8.9310	-166.01E-6	-0.64903	4.9837E-6
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	-17.00000	10.00000	-8.50000	-7.9186	-8.9310	-285.09E-6	-0.86949	6.6737E-6
	-16.00000	10.00000	-8.50000	-8.5506	-8.9310	-346.87E-6	-0.96589	7.4122E-6
	-15.00000	10.00000	-8.50000	-9.2429	-8.9310	-425.93E-6	-1.0777	8.2684E-6
	-14.00000	10.00000	-8.50000	-10.003	-8.9310	-528.38E-6	-1.2083	9.2678E-6
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	-12.00000	10.00000	-8.50000	-11.764	-8.9310	-842.44E-6	-1.5439	11.835E-6
	-11.00000	10.00000	-8.50000	-12.787	-8.9310	-0.0010860	-1.7618	13.499E-6
	-10.00000	10.00000	-8.50000	-13.923	-8.9310	-0.0014232	-2.0253	15.510E-6
	-9.00000	10.00000	-8.50000	-15.190	-8.9310	-0.0019009	-2.3477	17.968E-6
	-8.00000	10.00000	-8.50000	-16.609	-8.9310	-0.0025962	-2.7477	21.011E-6
	-7.00000	10.00000	-8.50000	-18.206	-8.9310	-0.0036417	-3.2520	24.842E-6
	-6.00000	10.00000	-8.50000	-20.013	-8.9310	-0.0052786	-3.9007	29.755E-6
	-5.00000	10.00000	-8.50000	-22.072	-8.9310	-0.0079768	-4.7559	36.207E-6
	-4.00000	10.00000	-8.50000	-24.439	-8.9310	-0.012738	-5.9203	44.943E-6
	-3.00000	10.00000	-8.50000	-27.188	-8.9310	-0.021974	-7.5773	57.260E-6
	-2.00000	10.00000	-8.50000	-30.430	-8.9310	-0.042528	-10.091	75.640E-6
	-1.00000	10.00000	-8.50000	-34.337	-8.9310	-0.099084	-14.302	105.41E-6
	0.00000	10.00000	-8.50000	-39.212	-8.9310	-0.32274	-22.671	159.46E-6
	1.00000	10.00000	-8.50000	-45.709	-8.9310	-2.2146	-46.306	253.93E-6
	2.00000	10.00000	-8.50000	-57.170	-8.9310	-80.001	-188.37	-0.0022428
	3.00000	10.00000	-8.50000	-68.593	-8.9310	-157.79	-330.41	-0.0047398
	4.00000	10.00000	-8.50000	-74.979	-8.9310	-159.68	-353.97	-0.0046458
	5.00000	10.00000	-8.50000	-79.680	-8.9310	-159.90	-362.23	-0.0045926
	6.00000	10.00000	-8.50000	-83.361	-8.9310	-159.96	-366.32	-0.0045637
	7.00000	10.00000	-8.50000	-86.337	-8.9310	-159.98	-368.70	-0.0045463
	8.00000	10.00000	-8.50000	-88.788	-8.9310	-159.99	-370.24	-0.0045349
	9.00000	10.00000	-8.50000	-90.833	-8.9310	-159.99	-371.28	-0.0045271
	10.00000	10.00000	-8.50000	-92.550	-8.9310	-159.99	-372.03	-0.0045214
	11.00000	10.00000	-8.50000	-93.996	-8.9310	-159.99	-372.58	-0.0045172
	12.00000	10.00000	-8.50000	-95.214	-8.9310	-159.99	-373.00	-0.0045141
	13.00000	10.00000	-8.50000	-96.233	-8.9310	-160.00	-373.32	-0.0045117
	14.00000	10.00000	-8.50000	-97.079	-8.9310	-160.00	-373.56	-0.0045098
	15.00000	10.00000	-8.50000	-97.769	-8.9310	-160.00	-373.75	-0.0045084
	16.00000	10.00000	-8.50000	-98.316	-8.9310	-160.00	-373.89	-0.0045073
	17.00000	10.00000	-8.50000	-98.731	-8.9310	-160.00	-373.99	-0.0045065
	18.00000	10.00000	-8.50000	-99.022	-8.9310	-160.00	-374.06	-0.0045060
	19.00000	10.00000	-8.50000	-99.192	-8.9310	-160.00	-374.10	-0.0045057
	20.00000	10.00000	-8.50000	-99.244	-8.9310	-160.00	-374.11	-0.0045056
	21.00000	10.00000	-8.50000	-99.178	-8.9310	-160.00	-374.10	-0.0045057
	22.00000	10.00000	-8.50000	-98.994	-8.9310	-160.00	-374.05	-0.0045061
	23.00000	10.00000	-8.50000	-98.687	-8.9310	-160.00	-373.98	-0.0045066
	24.00000	10.00000	-8.50000	-98.251	-8.9310	-160.00	-373.87	-0.0045075
	25.00000	10.00000	-8.50000	-97.678	-8.9310	-160.00	-373.72	-0.0045086
	26.00000	10.00000	-8.50000	-96.956	-8.9310	-160.00	-373.52	-0.0045101
	27.00000	10.00000	-8.50000	-96.072	-8.9310	-160.00	-373.26	-0.0045121
	28.00000	10.00000	-8.50000	-95.006	-8.9310	-159.99	-372.93	-0.0045146
	29.00000	10.00000	-8.50000	-93.734	-8.9310	-159.99	-372.49	-0.0045180
	30.00000	10.00000	-8.50000	-92.224	-8.9310	-159.99	-371.91	-0.0045224
	31.00000	10.00000	-8.50000	-90.435	-8.9310	-159.99	-371.12	-0.0045283
	32.00000	10.00000	-8.50000	-88.310	-8.9310	-159.99	-370.03	-0.0045365
	33.00000	10.00000	-8.50000	-85.771	-8.9310	-159.98	-368.45	-0.0045482
	34.00000	10.00000	-8.50000	-82.705	-8.9310	-159.96	-366.01	-0.0045661
	35.00000	10.00000	-8.50000	-78.933	-8.9310	-159.90	-361.86	-0.0045954
	36.00000	10.00000	-8.50000	-74.145	-8.9310	-159.68	-353.53	-0.0046491
	37.00000	10.00000	-8.50000	-67.685	-8.9310	-157.78	-329.91	-0.0047435
	38.00000	10.00000	-8.50000	-56.206	-8.9310	-79.998	-187.83	-0.0022469
	39.00000	10.00000	-8.50000	-44.715	-8.9310	-2.2124	-45.747	249.73E-6
	40.00000	10.00000	-8.50000	-38.216	-8.9310	-0.32060	-22.123	155.34E-6
	41.00000	10.00000	-8.50000	-33.364	-8.9310	-0.097199	-13.787	101.55E-6
	42.00000	10.00000	-8.50000	-29.501	-8.9310	-0.040975	-9.6275	72.150E-6
	43.00000	10.00000	-8.50000	-26.316	-8.9310	-0.020758	-7.1721	54.199E-6
	44.00000	10.00000	-8.50000	-23.632	-8.9310	-0.011815	-5.5730	42.314E-6
	45.00000	10.00000	-8.50000	-21.333	-8.9310	-0.0072885	-4.4620	33.979E-6
	46.00000	10.00000	-8.50000	-19.341	-8.9310	-0.0047688	-3.6539	27.880E-6
	47.00000	10.00000	-8.50000	-17.598	-8.9310	-0.0032641	-3.0454	23.270E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	48.00000	10.00000	-8.50000	-16.062	-8.9310	-0.0023153	-2.5749	19.696E-6
	49.00000	10.00000	-8.50000	-14.698	-8.9310	-0.0016907	-2.2031	16.865E-6
	50.00000	10.00000	-8.50000	-13.481	-8.9310	-0.0012647	-1.9041	14.585E-6
	51.00000	10.00000	-8.50000	-12.390	-8.9310	-965.52E-6	-1.6599	12.721E-6
	52.00000	10.00000	-8.50000	-11.408	-8.9310	-750.08E-6	-1.4580	11.178E-6
	53.00000	10.00000	-8.50000	-10.520	-8.9310	-591.61E-6	-1.2891	9.8868E-6
	54.00000	10.00000	-8.50000	-9.7160	-8.9310	-472.84E-6	-1.1466	8.7959E-6
	55.00000	10.00000	-8.50000	-8.9846	-8.9310	-382.38E-6	-1.0252	7.8665E-6
	56.00000	10.00000	-8.50000	-8.3180	-8.9310	-312.47E-6	-0.92102	7.0687E-6
	57.00000	10.00000	-8.50000	-7.7091	-8.9310	-257.76E-6	-0.83104	6.3792E-6
	58.00000	10.00000	-8.50000	-7.1516	-8.9310	-214.43E-6	-0.75281	5.7796E-6
	59.00000	10.00000	-8.50000	-6.6403	-8.9310	-179.76E-6	-0.68443	5.2553E-6
	60.00000	10.00000	-8.50000	-6.1705	-8.9310	-151.76E-6	-0.62434	4.7945E-6
	-20.00000	11.00000	-8.50000	-6.3861	-8.9310	-169.84E-6	-0.65703	5.0450E-6
	-19.00000	11.00000	-8.50000	-6.8794	-8.9310	-202.20E-6	-0.72228	5.5454E-6
	-18.00000	11.00000	-8.50000	-7.4171	-8.9310	-242.45E-6	-0.79681	6.1167E-6
	-17.00000	11.00000	-8.50000	-8.0044	-8.9310	-292.98E-6	-0.88235	6.7722E-6
	-16.00000	11.00000	-8.50000	-8.6470	-8.9310	-357.07E-6	-0.98111	7.5288E-6
	-15.00000	11.00000	-8.50000	-9.3516	-8.9310	-439.27E-6	-1.0958	8.4071E-6
	-14.00000	11.00000	-8.50000	-10.126	-8.9310	-546.00E-6	-1.2299	9.4336E-6
	-13.00000	11.00000	-8.50000	-10.979	-8.9310	-686.49E-6	-1.3879	10.642E-6
	-12.00000	11.00000	-8.50000	-11.922	-8.9310	-874.30E-6	-1.5755	12.076E-6
	-11.00000	11.00000	-8.50000	-12.966	-8.9310	-0.0011298	-1.8004	13.794E-6
	-10.00000	11.00000	-8.50000	-14.127	-8.9310	-0.0014842	-2.0727	15.872E-6
	-9.00000	11.00000	-8.50000	-15.423	-8.9310	-0.0019873	-2.4064	18.415E-6
	-8.00000	11.00000	-8.50000	-16.876	-8.9310	-0.0027209	-2.8209	21.569E-6
	-7.00000	11.00000	-8.50000	-18.511	-8.9310	-0.0038252	-3.3441	25.541E-6
	-6.00000	11.00000	-8.50000	-20.363	-8.9310	-0.0055536	-4.0173	30.639E-6
	-5.00000	11.00000	-8.50000	-22.474	-8.9310	-0.0083951	-4.9044	37.330E-6
	-4.00000	11.00000	-8.50000	-24.899	-8.9310	-0.013379	-6.1099	46.371E-6
	-3.00000	11.00000	-8.50000	-27.713	-8.9310	-0.022948	-7.8180	59.066E-6
	-2.00000	11.00000	-8.50000	-31.024	-8.9310	-0.043962	-10.394	77.886E-6
	-1.00000	11.00000	-8.50000	-34.999	-8.9310	-0.10106	-14.665	108.12E-6
	0.00000	11.00000	-8.50000	-39.936	-8.9310	-0.32519	-23.089	162.56E-6
	1.00000	11.00000	-8.50000	-46.482	-8.9310	-2.2173	-46.756	257.26E-6
	2.00000	11.00000	-8.50000	-57.979	-8.9310	-80.003	-188.82	-0.0022394
	3.00000	11.00000	-8.50000	-69.425	-8.9310	-157.79	-330.84	-0.0047365
	4.00000	11.00000	-8.50000	-75.824	-8.9310	-159.68	-354.38	-0.0046428
	5.00000	11.00000	-8.50000	-80.534	-8.9310	-159.90	-362.61	-0.0045897
	6.00000	11.00000	-8.50000	-84.222	-8.9310	-159.96	-366.67	-0.0045610
	7.00000	11.00000	-8.50000	-87.205	-8.9310	-159.98	-369.04	-0.0045437
	8.00000	11.00000	-8.50000	-89.665	-8.9310	-159.99	-370.56	-0.0045324
	9.00000	11.00000	-8.50000	-91.719	-8.9310	-159.99	-371.60	-0.0045246
	10.00000	11.00000	-8.50000	-93.446	-8.9310	-159.99	-372.35	-0.0045190
	11.00000	11.00000	-8.50000	-94.903	-8.9310	-159.99	-372.90	-0.0045148
	12.00000	11.00000	-8.50000	-96.130	-8.9310	-160.00	-373.32	-0.0045117
	13.00000	11.00000	-8.50000	-97.158	-8.9310	-160.00	-373.63	-0.0045093
	14.00000	11.00000	-8.50000	-98.013	-8.9310	-160.00	-373.88	-0.0045074
	15.00000	11.00000	-8.50000	-98.710	-8.9310	-160.00	-374.07	-0.0045060
	16.00000	11.00000	-8.50000	-99.264	-8.9310	-160.00	-374.21	-0.0045049
	17.00000	11.00000	-8.50000	-99.685	-8.9310	-160.00	-374.31	-0.0045041
	18.00000	11.00000	-8.50000	-99.980	-8.9310	-160.00	-374.38	-0.0045036
	19.00000	11.00000	-8.50000	-100.15	-8.9310	-160.00	-374.42	-0.0045032
	20.00000	11.00000	-8.50000	-100.21	-8.9310	-160.00	-374.44	-0.0045032
	21.00000	11.00000	-8.50000	-100.14	-8.9310	-160.00	-374.42	-0.0045033
	22.00000	11.00000	-8.50000	-99.958	-8.9310	-160.00	-374.38	-0.0045036
	23.00000	11.00000	-8.50000	-99.648	-8.9310	-160.00	-374.30	-0.0045042
	24.00000	11.00000	-8.50000	-99.207	-8.9310	-160.00	-374.19	-0.0045050
	25.00000	11.00000	-8.50000	-98.627	-8.9310	-160.00	-374.04	-0.0045062
	26.00000	11.00000	-8.50000	-97.896	-8.9310	-160.00	-373.84	-0.0045077
	27.00000	11.00000	-8.50000	-97.000	-8.9310	-160.00	-373.58	-0.0045097
	28.00000	11.00000	-8.50000	-95.918	-8.9310	-160.00	-373.24	-0.0045123
	29.00000	11.00000	-8.50000	-94.628	-8.9310	-159.99	-372.79	-0.0045157
	30.00000	11.00000	-8.50000	-93.096	-8.9310	-159.99	-372.20	-0.0045201
	31.00000	11.00000	-8.50000	-91.281	-8.9310	-159.99	-371.41	-0.0045261
	32.00000	11.00000	-8.50000	-89.127	-8.9310	-159.99	-370.31	-0.0045344
	33.00000	11.00000	-8.50000	-86.556	-8.9310	-159.98	-368.71	-0.0045462
	34.00000	11.00000	-8.50000	-83.452	-8.9310	-159.96	-366.26	-0.0045642
	35.00000	11.00000	-8.50000	-79.640	-8.9310	-159.90	-362.09	-0.0045936
	36.00000	11.00000	-8.50000	-74.810	-8.9310	-159.68	-353.74	-0.0046475
	37.00000	11.00000	-8.50000	-68.305	-8.9310	-157.78	-330.11	-0.0047420
	38.00000	11.00000	-8.50000	-56.781	-8.9310	-79.999	-188.01	-0.0022455
	39.00000	11.00000	-8.50000	-45.243	-8.9310	-2.2127	-45.905	250.94E-6
	40.00000	11.00000	-8.50000	-38.699	-8.9310	-0.32082	-22.262	156.40E-6
	41.00000	11.00000	-8.50000	-33.803	-8.9310	-0.097384	-13.909	102.47E-6
	42.00000	11.00000	-8.50000	-29.897	-8.9310	-0.041125	-9.7319	72.946E-6
	43.00000	11.00000	-8.50000	-26.673	-8.9310	-0.020877	-7.2616	54.882E-6
	44.00000	11.00000	-8.50000	-23.953	-8.9310	-0.011910	-5.6494	42.897E-6
	45.00000	11.00000	-8.50000	-21.621	-8.9310	-0.0073625	-4.5270	34.475E-6
	46.00000	11.00000	-8.50000	-19.598	-8.9310	-0.0048267	-3.7090	28.301E-6
	47.00000	11.00000	-8.50000	-17.828	-8.9310	-0.0033093	-3.0922	23.628E-6
	48.00000	11.00000	-8.50000	-16.267	-8.9310	-0.0023507	-2.6146	19.999E-6
	49.00000	11.00000	-8.50000	-14.881	-8.9310	-0.0017184	-2.2368	17.123E-6
	50.00000	11.00000	-8.50000	-13.645	-8.9310	-0.0012865	-1.9327	14.804E-6
	51.00000	11.00000	-8.50000	-12.537	-8.9310	-982.68E-6	-1.6843	12.908E-6
	52.00000	11.00000	-8.50000	-11.539	-8.9310	-763.66E-6	-1.4788	11.338E-6
	53.00000	11.00000	-8.50000	-10.638	-8.9310	-602.40E-6	-1.3070	10.023E-6
	54.00000	11.00000	-8.50000	-9.8213	-8.9310	-481.46E-6	-1.1619	8.9134E-6
	55.00000	11.00000	-8.50000	-9.0792	-8.9310	-389.29E-6	-1.0384	7.9677E-6
	56.00000	11.00000	-8.50000	-8.4030	-8.9310	-318.05E-6	-0.93242	7.1561E-6
	57.00000	11.00000	-8.50000	-7.7855	-8.9310	-262.27E-6	-0.84091	6.4549E-6
	58.00000	11.00000	-8.50000	-7.2205	-8.9310	-218.10E-6	-0.76139	5.8454E-6
	59.00000	11.00000	-8.50000	-6.7025	-8.9310	-182.76E-6	-0.69191	5.3127E-6
	60.00000	11.00000	-8.50000	-6.2267	-8.9310	-154.22E-6	-0.63088	4.8447E-6
	-20.00000	12.00000	-8.50000	-6.4364	-8.9310	-173.25E-6	-0.66378	5.0968E-6
	-19.00000	12.00000	-8.50000	-6.9357	-8.9310	-206.54E-6	-0.73020	5.6061E-6
	-18.00000	12.00000	-8.50000	-7.4804	-8.9310	-248.02E-6	-0.80613	6.1881E-6
	-17.00000	12.00000	-8.50000	-8.0756	-8.9310	-300.20E-6	-0.89341	6.8569E-6
	-16.00000	12.00000	-8.50000	-8.7272	-8.9310	-366.52E-6	-0.99428	7.6296E-6
	-15.00000	12.00000	-8.50000	-9.4423	-8.9310	-451.78E-6	-1.1116	8.5280E-6
	-14.00000	12.00000	-8.50000	-10.229	-8.9310	-562.78E-6	-1.2490	9.5795E-6
	-13.00000	12.00000	-8.50000	-11.096	-8.9310	-709.32E-6	-1.4111	10.819E-6
	-12.00000	12.00000	-8.50000	-12.055	-8.9310	-905.85E-6	-1.6040	12.293E-6
	-11.00000	12.00000	-8.50000	-13.118	-8.9310	-0.0011742	-1.8356	14.062E-6
	-10.00000	12.00000	-8.50000	-14.302	-8.9310	-0.0015480	-2.1166	16.207E-6
	-9.00000	12.00000	-8.50000	-15.625	-8.9310	-0.0020811	-2.4618	18.837E-6
	-8.00000	12.00000	-8.50000	-17.108	-8.9310	-0.0028624	-2.8917	22.107E-6
	-7.00000	12.00000	-8.50000	-18.781	-8.9310	-0.0040451	-3.4358	26.236E-6
	-6.00000	12.00000	-8.50000	-20.677	-8.9310	-0.0059062	-4.1378	31.549E-6
	-5.00000	12.00000	-8.50000	-22.840	-8.9310	-0.0089784	-5.0650	38.538E-6
	-4.00000	12.00000	-8.50000	-25.326	-8.9310	-0.014369	-6.3266	47.991E-6
	-3.00000	12.00000	-8.50000	-28.210	-8.9310	-0.024646	-8.1119	61.247E-6
	-2.00000	12.00000	-8.50000	-31.597	-8.9310	-0.046812	-10.786	80.789E-6
	-1.00000	12.00000	-8.50000	-35.650	-8.9310	-0.10551	-15.175	111.83E-6
	0.00000	12.00000	-8.50000	-40.655	-8.9310	-0.33124	-23.701	166.99E-6
	1.00000	12.00000	-8.50000	-47.247	-8.9310	-2.2241	-47.418	262.04E-6
	2.00000	12.00000	-8.50000	-58.760	-8

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	27.00000	12.00000	-8.50000	-97.717	-8.9310	-160.00	-373.81	-0.0045080
	28.00000	12.00000	-8.50000	-96.625	-8.9310	-160.00	-373.46	-0.0045106
	29.00000	12.00000	-8.50000	-95.321	-8.9310	-159.99	-373.01	-0.0045140
	30.00000	12.00000	-8.50000	-93.773	-8.9310	-159.99	-372.42	-0.0045185
	31.00000	12.00000	-8.50000	-91.939	-8.9310	-159.99	-371.62	-0.0045245
	32.00000	12.00000	-8.50000	-89.763	-8.9310	-159.99	-370.51	-0.0045328
	33.00000	12.00000	-8.50000	-87.166	-8.9310	-159.98	-368.91	-0.0045448
	34.00000	12.00000	-8.50000	-84.035	-8.9310	-159.96	-366.44	-0.0045628
	35.00000	12.00000	-8.50000	-80.193	-8.9310	-159.90	-362.26	-0.0045923
	36.00000	12.00000	-8.50000	-75.331	-8.9310	-159.68	-353.90	-0.0046463
	37.00000	12.00000	-8.50000	-68.793	-8.9310	-157.79	-330.25	-0.0047409
	38.00000	12.00000	-8.50000	-57.234	-8.9310	-79.999	-188.14	-0.0022445
	39.00000	12.00000	-8.50000	-45.661	-8.9310	-2.2128	-46.024	251.84E-6
	40.00000	12.00000	-8.50000	-39.082	-8.9310	-0.32098	-22.367	157.20E-6
	41.00000	12.00000	-8.50000	-34.152	-8.9310	-0.097512	-14.001	103.17E-6
	42.00000	12.00000	-8.50000	-30.214	-8.9310	-0.041230	-9.8123	73.559E-6
	43.00000	12.00000	-8.50000	-26.960	-8.9310	-0.020962	-7.3311	55.413E-6
	44.00000	12.00000	-8.50000	-24.211	-8.9310	-0.011978	-5.7092	43.354E-6
	45.00000	12.00000	-8.50000	-21.852	-8.9310	-0.0074175	-4.5781	34.866E-6
	46.00000	12.00000	-8.50000	-19.806	-8.9310	-0.0048704	-3.7527	28.635E-6
	47.00000	12.00000	-8.50000	-18.014	-8.9310	-0.0033439	-3.1295	23.913E-6
	48.00000	12.00000	-8.50000	-16.434	-8.9310	-0.0023781	-2.6464	20.242E-6
	49.00000	12.00000	-8.50000	-15.031	-8.9310	-0.0017401	-2.2639	17.330E-6
	50.00000	12.00000	-8.50000	-13.779	-8.9310	-0.0013037	-1.9559	14.981E-6
	51.00000	12.00000	-8.50000	-12.656	-8.9310	-996.34E-6	-1.7041	13.059E-6
	52.00000	12.00000	-8.50000	-11.646	-8.9310	-774.55E-6	-1.4958	11.467E-6
	53.00000	12.00000	-8.50000	-10.734	-8.9310	-611.10E-6	-1.3215	10.135E-6
	54.00000	12.00000	-8.50000	-9.9073	-8.9310	-488.44E-6	-1.1744	9.0093E-6
	55.00000	12.00000	-8.50000	-9.1564	-8.9310	-394.91E-6	-1.0492	8.0504E-6
	56.00000	12.00000	-8.50000	-8.4724	-8.9310	-322.59E-6	-0.94175	7.2277E-6
	57.00000	12.00000	-8.50000	-7.8480	-8.9310	-265.95E-6	-0.84900	6.5170E-6
	58.00000	12.00000	-8.50000	-7.2768	-8.9310	-221.10E-6	-0.76842	5.8993E-6
	59.00000	12.00000	-8.50000	-6.7532	-8.9310	-185.22E-6	-0.69803	5.3597E-6
	60.00000	12.00000	-8.50000	-6.2725	-8.9310	-156.25E-6	-0.63623	4.8858E-6
	-20.00000	13.00000	-8.50000	-6.4754	-8.9310	-176.19E-6	-0.66923	5.1386E-6
	-19.00000	13.00000	-8.50000	-6.9796	-8.9310	-210.32E-6	-0.73663	5.6554E-6
	-18.00000	13.00000	-8.50000	-7.5298	-8.9310	-252.93E-6	-0.81377	6.2467E-6
	-17.00000	13.00000	-8.50000	-8.1314	-8.9310	-306.65E-6	-0.90253	6.9268E-6
	-16.00000	13.00000	-8.50000	-8.7905	-8.9310	-375.10E-6	-1.0053	7.7137E-6
	-15.00000	13.00000	-8.50000	-9.5142	-8.9310	-463.33E-6	-1.1249	8.6298E-6
	-14.00000	13.00000	-8.50000	-10.311	-8.9310	-578.57E-6	-1.2653	9.7038E-6
	-13.00000	13.00000	-8.50000	-11.190	-8.9310	-731.26E-6	-1.4311	10.973E-6
	-12.00000	13.00000	-8.50000	-12.163	-8.9310	-936.92E-6	-1.6289	12.484E-6
	-11.00000	13.00000	-8.50000	-13.243	-8.9310	-0.0012191	-1.8670	14.302E-6
	-10.00000	13.00000	-8.50000	-14.447	-8.9310	-0.0016147	-2.1568	16.512E-6
	-9.00000	13.00000	-8.50000	-15.793	-8.9310	-0.0021831	-2.5138	19.232E-6
	-8.00000	13.00000	-8.50000	-17.306	-8.9310	-0.0030237	-2.9602	22.626E-6
	-7.00000	13.00000	-8.50000	-19.013	-8.9310	-0.0043108	-3.5278	26.932E-6
	-6.00000	13.00000	-8.50000	-20.953	-8.9310	-0.0063643	-4.2644	32.501E-6
	-5.00000	13.00000	-8.50000	-23.169	-8.9310	-0.0098097	-5.2439	39.876E-6
	-4.00000	13.00000	-8.50000	-25.722	-8.9310	-0.015959	-6.5867	49.919E-6
	-3.00000	13.00000	-8.50000	-28.688	-8.9310	-0.027826	-8.4998	64.084E-6
	-2.00000	13.00000	-8.50000	-32.175	-8.9310	-0.053256	-11.370	84.980E-6
	-1.00000	13.00000	-8.50000	-36.335	-8.9310	-0.11780	-16.027	117.82E-6
	0.00000	13.00000	-8.50000	-41.436	-8.9310	-0.35082	-24.828	174.75E-6
	1.00000	13.00000	-8.50000	-48.080	-8.9310	-2.2473	-48.672	270.61E-6
	2.00000	13.00000	-8.50000	-59.583	-8.9310	-80.029	-190.60	-0.0022269
	3.00000	13.00000	-8.50000	-70.967	-8.9310	-157.81	-332.28	-0.0047262
	4.00000	13.00000	-8.50000	-77.278	-8.9310	-159.69	-355.47	-0.0046348
	5.00000	13.00000	-8.50000	-81.906	-8.9310	-159.91	-363.44	-0.0045835
	6.00000	13.00000	-8.50000	-85.531	-8.9310	-159.96	-367.33	-0.0045561
	7.00000	13.00000	-8.50000	-88.469	-8.9310	-159.98	-369.59	-0.0045396
	8.00000	13.00000	-8.50000	-90.900	-8.9310	-159.99	-371.05	-0.0045288
	9.00000	13.00000	-8.50000	-92.937	-8.9310	-159.99	-372.05	-0.0045213
	10.00000	13.00000	-8.50000	-94.655	-8.9310	-159.99	-372.77	-0.0045158
	11.00000	13.00000	-8.50000	-96.108	-8.9310	-160.00	-373.30	-0.0045118
	12.00000	13.00000	-8.50000	-97.337	-8.9310	-160.00	-373.71	-0.0045087
	13.00000	13.00000	-8.50000	-98.370	-8.9310	-160.00	-374.02	-0.0045063
	14.00000	13.00000	-8.50000	-99.231	-8.9310	-160.00	-374.26	-0.0045045
	15.00000	13.00000	-8.50000	-99.936	-8.9310	-160.00	-374.45	-0.0045030
	16.00000	13.00000	-8.50000	-100.50	-8.9310	-160.00	-374.59	-0.0045020
	17.00000	13.00000	-8.50000	-100.93	-8.9310	-160.00	-374.70	-0.0045012
	18.00000	13.00000	-8.50000	-101.23	-8.9310	-160.00	-374.77	-0.0045006
	19.00000	13.00000	-8.50000	-101.41	-8.9310	-160.00	-374.81	-0.0045003
	20.00000	13.00000	-8.50000	-101.47	-8.9310	-160.00	-374.83	-0.0045002
	21.00000	13.00000	-8.50000	-101.41	-8.9310	-160.00	-374.81	-0.0045003
	22.00000	13.00000	-8.50000	-101.23	-8.9310	-160.00	-374.77	-0.0045006
	23.00000	13.00000	-8.50000	-100.92	-8.9310	-160.00	-374.70	-0.0045012
	24.00000	13.00000	-8.50000	-100.47	-8.9310	-160.00	-374.59	-0.0045020
	25.00000	13.00000	-8.50000	-99.889	-8.9310	-160.00	-374.43	-0.0045032
	26.00000	13.00000	-8.50000	-99.149	-8.9310	-160.00	-374.23	-0.0045047
	27.00000	13.00000	-8.50000	-98.239	-8.9310	-160.00	-373.97	-0.0045067
	28.00000	13.00000	-8.50000	-97.141	-8.9310	-160.00	-373.62	-0.0045094
	29.00000	13.00000	-8.50000	-95.828	-8.9310	-159.99	-373.17	-0.0045128
	30.00000	13.00000	-8.50000	-94.269	-8.9310	-159.99	-372.57	-0.0045173
	31.00000	13.00000	-8.50000	-92.423	-8.9310	-159.99	-371.77	-0.0045234
	32.00000	13.00000	-8.50000	-90.231	-8.9310	-159.99	-370.65	-0.0045317
	33.00000	13.00000	-8.50000	-87.617	-8.9310	-159.98	-369.04	-0.0045437
	34.00000	13.00000	-8.50000	-84.467	-8.9310	-159.96	-366.57	-0.0045618
	35.00000	13.00000	-8.50000	-80.604	-8.9310	-159.90	-362.38	-0.0045914
	36.00000	13.00000	-8.50000	-75.719	-8.9310	-159.68	-354.02	-0.0046454
	37.00000	13.00000	-8.50000	-69.156	-8.9310	-157.79	-330.36	-0.0047401
	38.00000	13.00000	-8.50000	-57.572	-8.9310	-79.999	-188.23	-0.0022438
	39.00000	13.00000	-8.50000	-45.974	-8.9310	-2.2130	-46.109	252.49E-6
	40.00000	13.00000	-8.50000	-39.370	-8.9310	-0.32108	-22.443	157.78E-6
	41.00000	13.00000	-8.50000	-34.415	-8.9310	-0.097599	-14.068	103.69E-6
	42.00000	13.00000	-8.50000	-30.454	-8.9310	-0.041302	-9.8714	74.011E-6
	43.00000	13.00000	-8.50000	-27.177	-8.9310	-0.021022	-7.3826	55.806E-6
	44.00000	13.00000	-8.50000	-24.407	-8.9310	-0.012027	-5.7538	43.694E-6
	45.00000	13.00000	-8.50000	-22.029	-8.9310	-0.0074569	-4.6166	35.160E-6
	46.00000	13.00000	-8.50000	-19.965	-8.9310	-0.0049021	-3.7857	28.888E-6
	47.00000	13.00000	-8.50000	-18.157	-8.9310	-0.0033693	-3.1578	24.130E-6
	48.00000	13.00000	-8.50000	-16.562	-8.9310	-0.0023984	-2.6706	20.428E-6
	49.00000	13.00000	-8.50000	-15.145	-8.9310	-0.0017563	-2.2847	17.489E-6
	50.00000	13.00000	-8.50000	-13.881	-8.9310	-0.0013166	-1.9734	15.117E-6
	51.00000	13.00000	-8.50000	-12.748	-8.9310	-0.0010067	-1.7193	13.176E-6
	52.00000	13.00000	-8.50000	-11.728	-8.9310	-782.84E-6	-1.5088	11.567E-6
	53.00000	13.00000	-8.50000	-10.808	-8.9310	-617.75E-6	-1.3327	10.221E-6
	54.00000	13.00000	-8.50000	-9.9736	-8.9310	-493.80E-6	-1.1841	9.0833E-6
	55.00000	13.00000	-8.50000	-9.2159	-8.9310	-399.24E-6	-1.0575	8.1143E-6
	56.00000	13.00000	-8.50000	-8.5259	-8.9310	-326.10E-6	-0.94896	7.2830E-6
	57.00000	13.00000	-8.50000	-7.8962	-8.9310	-268.81E-6	-0.85525	6.5649E-6
	58.00000	13.00000	-8.50000	-7.3202	-8.9310	-223.43E-6	-0.77386	5.9411E-6
	59.00000	13.00000	-8.50000	-6.7923	-8.9310	-187.13E-6	-0.70277	5.3961E-6
	60.00000	13.00000	-8.50000	-6.3078	-8.9310	-157.82E-6	-0.64038	4.9175E-6
	-20.00000	14.00000	-8.50000	-6.5028	-8.9310	-178.62E-6	-0.67332	5.1699E-6
	-19.00000	14.00000	-8.50000	-7.0105	-8.9310	-213.49E-6	-0.74150	5.6927E-6
	-18.00000	14.00000	-8.50000	-7.5649	-8.9310	-257.12E-6	-0.81962	6.2915E-6
	-17.00000	14.00000	-8.50000	-8.1714	-8.9310	-312.25E-6	-0.90962	6.9810E-6
	-16.00000	14.00000	-8.50000	-8.8362	-8.9310	-382.68E-6	-1.0139	7.7798E-6
	-15.00000	14.00000	-8.50000	-9.5666	-8.9310	-473.75E-6	-1.1356	8.7112E-6
	-14.00000	14.00000	-8.50000	-10.371	-8.9310	-593.11E-6	-1.2785	9.8049E-6
	-13.00000	14.00000	-8.50000	-11.260	-8.9310	-751.96E-6	-1.4478	11.100E-6
	-12.00000	14.00000	-8.50000	-12.244	-8.9310	-967.03E-6	-1.6501	12.646E-6
	-11.00000	14.00000	-8.50000	-13.338	-8.9310	-0.0012640	-1.8943	14.510E-6
	-10.00000	14.00000	-8.50000	-14.559	-8.9310	-0.0016836	-2.1926	16.784E-6
	-9.00000	14.00000	-8.50000	-15.926	-8.9310	-0.0022924	-2.5616	19.595E-6
	-8.00000	14.00000	-8.50000	-17.465	-8.9310	-0.0032046	-3.0255	23.120E-6
	-7.00000	14.00000	-8.50000	-19.206	-8.9310	-0.0046253	-3.6195	27.622E-6
	-6.00000	14.00000	-8.50000	-21.188	-8.9310	-0.0069452	-4.3973	33.497E-6
	-5.00000	14.00000	-8.50000	-23.461	-8.9310	-0.010965	-5.4445	41.365E-6
	-4.00000	14.00000	-8.50000	-26.089	-8.9310	-0.018468	-6.9047	52.248E-6
	-3.00000	14.00000	-8.50000	-29.158	-8.9310	-0.033853	-9.0328	67.905E-6
	-2.00000	14.00000	-8.50000	-32.784	-8.9310	-0.069159	-12.312	91.493E-6
	-1.00000	14.00000	-8.50000	-37.126	-8.9310	-0.16047	-17.714	128.82E-6
	0.00000	14.00000	-8.50000	-42.413	-8.9310	-0.44333	-27.525	191.22E-6
	1.00000	14.00000	-8.50000	-49.147	-8.9310	-2.3702	-51.905	289.81E-6
	2.00000	14.00000	-8.50000	-60.581	-8.9310	-80.121	-193.31	-0.0022104
	3.00000	14.00000	-8.50000	-71.801	-8.9310	-157.85	-333.99	-0.0047151
	4.00000	14.00000	-8.50000	-77.953	-8.9310	-159.71	-356.44	-0.0046281
	5.00000	14.00000	-8.50000	-82.461	-8.9310	-159.91	-364.01	-0.0045795

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	6.00000	14.00000	-8.50000	-86.001	-8.9310	-159.96	-367.69	-0.0045535
	7.00000	14.00000	-8.50000	-88.883	-8.9310	-159.98	-369.83	-0.0045378
	8.00000	14.00000	-8.50000	-91.275	-8.9310	-159.99	-371.23	-0.0045274
	9.00000	14.00000	-8.50000	-93.285	-8.9310	-159.99	-372.19	-0.0045202
	10.00000	14.00000	-8.50000	-94.985	-8.9310	-159.99	-372.89	-0.0045149
	11.00000	14.00000	-8.50000	-96.427	-8.9310	-160.00	-373.41	-0.0045110
	12.00000	14.00000	-8.50000	-97.649	-8.9310	-160.00	-373.81	-0.0045079
	13.00000	14.00000	-8.50000	-98.678	-8.9310	-160.00	-374.12	-0.0045056
	14.00000	14.00000	-8.50000	-99.537	-8.9310	-160.00	-374.35	-0.0045038
	15.00000	14.00000	-8.50000	-100.24	-8.9310	-160.00	-374.54	-0.0045024
	16.00000	14.00000	-8.50000	-100.81	-8.9310	-160.00	-374.68	-0.0045013
	17.00000	14.00000	-8.50000	-101.24	-8.9310	-160.00	-374.79	-0.0045005
	18.00000	14.00000	-8.50000	-101.54	-8.9310	-160.00	-374.86	-0.0044999
	19.00000	14.00000	-8.50000	-101.73	-8.9310	-160.00	-374.90	-0.0044996
	20.00000	14.00000	-8.50000	-101.79	-8.9310	-160.00	-374.92	-0.0044995
	21.00000	14.00000	-8.50000	-101.74	-8.9310	-160.00	-374.91	-0.0044996
	22.00000	14.00000	-8.50000	-101.56	-8.9310	-160.00	-374.87	-0.0044999
	23.00000	14.00000	-8.50000	-101.25	-8.9310	-160.00	-374.79	-0.0045004
	24.00000	14.00000	-8.50000	-100.81	-8.9310	-160.00	-374.68	-0.0045013
	25.00000	14.00000	-8.50000	-100.23	-8.9310	-160.00	-374.53	-0.0045024
	26.00000	14.00000	-8.50000	-99.488	-8.9310	-160.00	-374.33	-0.0045040
	27.00000	14.00000	-8.50000	-98.578	-8.9310	-160.00	-374.07	-0.0045060
	28.00000	14.00000	-8.50000	-97.478	-8.9310	-160.00	-373.72	-0.0045086
	29.00000	14.00000	-8.50000	-96.162	-8.9310	-159.99	-373.27	-0.0045120
	30.00000	14.00000	-8.50000	-94.598	-8.9310	-159.99	-372.67	-0.0045166
	31.00000	14.00000	-8.50000	-92.744	-8.9310	-159.99	-371.86	-0.0045227
	32.00000	14.00000	-8.50000	-90.544	-8.9310	-159.99	-370.75	-0.0045310
	33.00000	14.00000	-8.50000	-87.919	-8.9310	-159.98	-369.13	-0.0045430
	34.00000	14.00000	-8.50000	-84.757	-8.9310	-159.96	-366.65	-0.0045612
	35.00000	14.00000	-8.50000	-80.880	-8.9310	-159.90	-362.46	-0.0045908
	36.00000	14.00000	-8.50000	-75.981	-8.9310	-159.68	-354.09	-0.0046449
	37.00000	14.00000	-8.50000	-69.402	-8.9310	-157.79	-330.42	-0.0047396
	38.00000	14.00000	-8.50000	-57.802	-8.9310	-79.999	-188.30	-0.0022433
	39.00000	14.00000	-8.50000	-46.188	-8.9310	-2.2130	-46.167	252.93E-6
	40.00000	14.00000	-8.50000	-39.567	-8.9310	-0.32114	-22.494	158.18E-6
	41.00000	14.00000	-8.50000	-34.596	-8.9310	-0.097654	-14.114	104.04E-6
	42.00000	14.00000	-8.50000	-30.619	-8.9310	-0.041350	-9.9117	74.318E-6
	43.00000	14.00000	-8.50000	-27.327	-8.9310	-0.021061	-7.4178	56.075E-6
	44.00000	14.00000	-8.50000	-24.543	-8.9310	-0.012059	-5.7844	43.928E-6
	45.00000	14.00000	-8.50000	-22.152	-8.9310	-0.0074832	-4.6431	35.363E-6
	46.00000	14.00000	-8.50000	-20.075	-8.9310	-0.0049235	-3.8086	29.063E-6
	47.00000	14.00000	-8.50000	-18.256	-8.9310	-0.0033866	-3.1775	24.280E-6
	48.00000	14.00000	-8.50000	-16.651	-8.9310	-0.0024123	-2.6875	20.557E-6
	49.00000	14.00000	-8.50000	-15.225	-8.9310	-0.0017675	-2.2992	17.600E-6
	50.00000	14.00000	-8.50000	-13.953	-8.9310	-0.0013256	-1.9860	15.213E-6
	51.00000	14.00000	-8.50000	-12.812	-8.9310	-0.0010139	-1.7300	13.258E-6
	52.00000	14.00000	-8.50000	-11.786	-8.9310	-788.64E-6	-1.5180	11.638E-6
	53.00000	14.00000	-8.50000	-10.859	-8.9310	-622.43E-6	-1.3406	10.281E-6
	54.00000	14.00000	-8.50000	-10.020	-8.9310	-497.57E-6	-1.1909	9.1353E-6
	55.00000	14.00000	-8.50000	-9.2573	-8.9310	-402.29E-6	-1.0634	8.1592E-6
	56.00000	14.00000	-8.50000	-8.5632	-8.9310	-328.57E-6	-0.95403	7.3218E-6
	57.00000	14.00000	-8.50000	-7.9297	-8.9310	-270.83E-6	-0.85954	6.5986E-6
	58.00000	14.00000	-8.50000	-7.3503	-8.9310	-225.08E-6	-0.77768	5.9703E-6
	59.00000	14.00000	-8.50000	-6.8195	-8.9310	-188.48E-6	-0.70610	5.4216E-6
	60.00000	14.00000	-8.50000	-6.3324	-8.9310	-158.93E-6	-0.64328	4.9398E-6
	-20.00000	15.00000	-8.50000	-6.5183	-8.9310	-180.50E-6	-0.67597	5.1903E-6
	-19.00000	15.00000	-8.50000	-7.0283	-8.9310	-216.00E-6	-0.74475	5.7175E-6
	-18.00000	15.00000	-8.50000	-7.5854	-8.9310	-260.50E-6	-0.82361	6.3219E-6
	-17.00000	15.00000	-8.50000	-8.1951	-8.9310	-316.87E-6	-0.91455	7.0188E-6
	-16.00000	15.00000	-8.50000	-8.8638	-8.9310	-389.09E-6	-1.0201	7.8270E-6
	-15.00000	15.00000	-8.50000	-9.5989	-8.9310	-482.78E-6	-1.1434	8.7708E-6
	-14.00000	15.00000	-8.50000	-10.409	-8.9310	-606.08E-6	-1.2885	9.8811E-6
	-13.00000	15.00000	-8.50000	-11.305	-8.9310	-770.93E-6	-1.4607	11.198E-6
	-12.00000	15.00000	-8.50000	-12.298	-8.9310	-995.40E-6	-1.6671	12.775E-6
	-11.00000	15.00000	-8.50000	-13.403	-8.9310	-0.0013076	-1.9170	14.682E-6
	-10.00000	15.00000	-8.50000	-14.637	-8.9310	-0.0017526	-2.2233	17.017E-6
	-9.00000	15.00000	-8.50000	-16.022	-8.9310	-0.0024059	-2.6043	19.917E-6
	-8.00000	15.00000	-8.50000	-17.583	-8.9310	-0.0033998	-3.0862	23.577E-6
	-7.00000	15.00000	-8.50000	-19.355	-8.9310	-0.0049803	-3.7085	28.291E-6
	-6.00000	15.00000	-8.50000	-21.378	-8.9310	-0.0076391	-4.5333	34.511E-6
	-5.00000	15.00000	-8.50000	-23.709	-8.9310	-0.012455	-5.6633	42.979E-6
	-4.00000	15.00000	-8.50000	-26.420	-8.9310	-0.022100	-7.2814	54.978E-6
	-3.00000	15.00000	-8.50000	-29.616	-8.9310	-0.044393	-9.7463	72.905E-6
	-2.00000	15.00000	-8.50000	-33.446	-8.9310	-0.10813	-13.851	101.53E-6
	-1.00000	15.00000	-8.50000	-38.128	-8.9310	-0.35353	-21.588	149.71E-6
	0.00000	15.00000	-8.50000	-43.907	-8.9310	-1.3456	-37.115	223.35E-6
	1.00000	15.00000	-8.50000	-50.922	-8.9310	-3.8507	-65.472	325.83E-6
	2.00000	15.00000	-8.50000	-62.079	-8.9310	-81.024	-202.90	-0.0021783
	3.00000	15.00000	-8.50000	-72.809	-8.9310	-158.04	-337.86	-0.0046942
	4.00000	15.00000	-8.50000	-78.623	-8.9310	-159.74	-357.98	-0.0046181
	5.00000	15.00000	-8.50000	-82.931	-8.9310	-159.92	-364.72	-0.0045745
	6.00000	15.00000	-8.50000	-86.349	-8.9310	-159.97	-368.07	-0.0045507
	7.00000	15.00000	-8.50000	-89.151	-8.9310	-159.98	-370.06	-0.0045361
	8.00000	15.00000	-8.50000	-91.489	-8.9310	-159.99	-371.37	-0.0045264
	9.00000	15.00000	-8.50000	-93.463	-8.9310	-159.99	-372.28	-0.0045195
	10.00000	15.00000	-8.50000	-95.137	-8.9310	-159.99	-372.96	-0.0045144
	11.00000	15.00000	-8.50000	-96.561	-8.9310	-160.00	-373.46	-0.0045106
	12.00000	15.00000	-8.50000	-97.771	-8.9310	-160.00	-373.85	-0.0045076
	13.00000	15.00000	-8.50000	-98.792	-8.9310	-160.00	-374.15	-0.0045053
	14.00000	15.00000	-8.50000	-99.647	-8.9310	-160.00	-374.38	-0.0045036
	15.00000	15.00000	-8.50000	-100.35	-8.9310	-160.00	-374.57	-0.0045022
	16.00000	15.00000	-8.50000	-100.92	-8.9310	-160.00	-374.71	-0.0045011
	17.00000	15.00000	-8.50000	-101.35	-8.9310	-160.00	-374.81	-0.0045003
	18.00000	15.00000	-8.50000	-101.66	-8.9310	-160.00	-374.89	-0.0044997
	19.00000	15.00000	-8.50000	-101.85	-8.9310	-160.00	-374.93	-0.0044994
	20.00000	15.00000	-8.50000	-101.92	-8.9310	-160.00	-374.95	-0.0044992
	21.00000	15.00000	-8.50000	-101.87	-8.9310	-160.00	-374.94	-0.0044993
	22.00000	15.00000	-8.50000	-101.70	-8.9310	-160.00	-374.90	-0.0044996
	23.00000	15.00000	-8.50000	-101.40	-8.9310	-160.00	-374.83	-0.0045001
	24.00000	15.00000	-8.50000	-100.96	-8.9310	-160.00	-374.73	-0.0045009
	25.00000	15.00000	-8.50000	-100.38	-8.9310	-160.00	-374.58	-0.0045021
	26.00000	15.00000	-8.50000	-99.648	-8.9310	-160.00	-374.38	-0.0045036
	27.00000	15.00000	-8.50000	-98.741	-8.9310	-160.00	-374.11	-0.0045056
	28.00000	15.00000	-8.50000	-97.643	-8.9310	-160.00	-373.77	-0.0045082
	29.00000	15.00000	-8.50000	-96.329	-8.9310	-160.00	-373.32	-0.0045117
	30.00000	15.00000	-8.50000	-94.765	-8.9310	-159.99	-372.72	-0.0045162
	31.00000	15.00000	-8.50000	-92.910	-8.9310	-159.99	-371.91	-0.0045223
	32.00000	15.00000	-8.50000	-90.707	-8.9310	-159.99	-370.79	-0.0045307
	33.00000	15.00000	-8.50000	-88.079	-8.9310	-159.98	-369.18	-0.0045427
	34.00000	15.00000	-8.50000	-84.912	-8.9310	-159.96	-366.70	-0.0045608
	35.00000	15.00000	-8.50000	-81.029	-8.9310	-159.90	-362.51	-0.0045905
	36.00000	15.00000	-8.50000	-76.123	-8.9310	-159.68	-354.13	-0.0046445
	37.00000	15.00000	-8.50000	-69.537	-8.9310	-157.79	-330.46	-0.0047393
	38.00000	15.00000	-8.50000	-57.928	-8.9310	-79.999	-188.33	-0.0022430
	39.00000	15.00000	-8.50000	-46.305	-8.9310	-2.2131	-46.199	253.17E-6
	40.00000	15.00000	-8.50000	-39.676	-8.9310	-0.32118	-22.523	158.39E-6
	41.00000	15.00000	-8.50000	-34.696	-8.9310	-0.097685	-14.139	104.23E-6
	42.00000	15.00000	-8.50000	-30.711	-8.9310	-0.

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-15.00000	16.00000	-8.50000	-9.6104	-8.9310	-490.18E-6	-1.1481	8.8072E-6
	-14.00000	16.00000	-8.50000	-10.424	-8.9310	-617.04E-6	-1.2949	9.9303E-6
	-13.00000	16.00000	-8.50000	-11.324	-8.9310	-787.50E-6	-1.4696	11.265E-6
	-12.00000	16.00000	-8.50000	-12.322	-8.9310	-0.0010210	-1.6793	12.868E-6
	-11.00000	16.00000	-8.50000	-13.435	-8.9310	-0.0013481	-1.9342	14.812E-6
	-10.00000	16.00000	-8.50000	-14.679	-8.9310	-0.0018188	-2.2479	17.203E-6
	-9.00000	16.00000	-8.50000	-16.077	-8.9310	-0.0025180	-2.6400	20.187E-6
	-8.00000	16.00000	-8.50000	-17.658	-8.9310	-0.0035985	-3.1396	23.979E-6
	-7.00000	16.00000	-8.50000	-19.455	-8.9310	-0.0053536	-3.7908	28.906E-6
	-6.00000	16.00000	-8.50000	-21.516	-8.9310	-0.0083966	-4.6651	35.490E-6
	-5.00000	16.00000	-8.50000	-23.902	-8.9310	-0.014162	-5.8866	44.617E-6
	-4.00000	16.00000	-8.50000	-26.699	-8.9310	-0.026578	-7.6910	57.921E-6
	-3.00000	16.00000	-8.50000	-30.037	-8.9310	-0.059213	-10.595	78.752E-6
	-2.00000	16.00000	-8.50000	-34.127	-8.9310	-0.18108	-16.019	114.84E-6
	-1.00000	16.00000	-8.50000	-39.389	-8.9310	-1.1552	-29.943	176.97E-6
	0.00000	16.00000	-8.50000	-47.647	-8.9310	-40.160	-105.19	-0.0010442
	1.00000	16.00000	-8.50000	-56.729	-8.9310	-79.999	-188.07	-0.0022450
	2.00000	16.00000	-8.50000	-65.803	-8.9310	-119.84	-270.96	-0.0034459
	3.00000	16.00000	-8.50000	-74.038	-8.9310	-158.84	-346.20	-0.0046670
	4.00000	16.00000	-8.50000	-79.260	-8.9310	-159.82	-360.13	-0.0046049
	5.00000	16.00000	-8.50000	-83.294	-8.9310	-159.94	-365.55	-0.0045688
	6.00000	16.00000	-8.50000	-86.557	-8.9310	-159.97	-368.45	-0.0045480
	7.00000	16.00000	-8.50000	-89.262	-8.9310	-159.98	-370.25	-0.0045348
	8.00000	16.00000	-8.50000	-91.536	-8.9310	-159.99	-371.46	-0.0045257
	9.00000	16.00000	-8.50000	-93.464	-8.9310	-159.99	-372.33	-0.0045192
	10.00000	16.00000	-8.50000	-95.107	-8.9310	-159.99	-372.97	-0.0045143
	11.00000	16.00000	-8.50000	-96.508	-8.9310	-160.00	-373.45	-0.0045106
	12.00000	16.00000	-8.50000	-97.701	-8.9310	-160.00	-373.83	-0.0045078
	13.00000	16.00000	-8.50000	-98.712	-8.9310	-160.00	-374.12	-0.0045056
	14.00000	16.00000	-8.50000	-99.560	-8.9310	-160.00	-374.35	-0.0045038
	15.00000	16.00000	-8.50000	-100.26	-8.9310	-160.00	-374.53	-0.0045024
	16.00000	16.00000	-8.50000	-100.82	-8.9310	-160.00	-374.67	-0.0045013
	17.00000	16.00000	-8.50000	-101.26	-8.9310	-160.00	-374.78	-0.0045005
	18.00000	16.00000	-8.50000	-101.58	-8.9310	-160.00	-374.86	-0.0044999
	19.00000	16.00000	-8.50000	-101.77	-8.9310	-160.00	-374.90	-0.0044996
	20.00000	16.00000	-8.50000	-101.85	-8.9310	-160.00	-374.93	-0.0044994
	21.00000	16.00000	-8.50000	-101.81	-8.9310	-160.00	-374.92	-0.0044995
	22.00000	16.00000	-8.50000	-101.64	-8.9310	-160.00	-374.88	-0.0044997
	23.00000	16.00000	-8.50000	-101.35	-8.9310	-160.00	-374.82	-0.0045002
	24.00000	16.00000	-8.50000	-100.93	-8.9310	-160.00	-374.71	-0.0045010
	25.00000	16.00000	-8.50000	-100.36	-8.9310	-160.00	-374.57	-0.0045021
	26.00000	16.00000	-8.50000	-99.631	-8.9310	-160.00	-374.37	-0.0045036
	27.00000	16.00000	-8.50000	-98.732	-8.9310	-160.00	-374.11	-0.0045056
	28.00000	16.00000	-8.50000	-97.642	-8.9310	-160.00	-373.77	-0.0045082
	29.00000	16.00000	-8.50000	-96.333	-8.9310	-160.00	-373.32	-0.0045116
	30.00000	16.00000	-8.50000	-94.775	-8.9310	-159.99	-372.73	-0.0045161
	31.00000	16.00000	-8.50000	-92.925	-8.9310	-159.99	-371.92	-0.0045222
	32.00000	16.00000	-8.50000	-90.726	-8.9310	-159.99	-370.80	-0.0045306
	33.00000	16.00000	-8.50000	-88.100	-8.9310	-159.98	-369.19	-0.0045426
	34.00000	16.00000	-8.50000	-84.935	-8.9310	-159.96	-366.71	-0.0045607
	35.00000	16.00000	-8.50000	-81.053	-8.9310	-159.90	-362.52	-0.0045904
	36.00000	16.00000	-8.50000	-76.147	-8.9310	-159.68	-354.14	-0.0046445
	37.00000	16.00000	-8.50000	-69.561	-8.9310	-157.79	-330.47	-0.0047392
	38.00000	16.00000	-8.50000	-57.953	-8.9310	-79.999	-188.34	-0.0022430
	39.00000	16.00000	-8.50000	-46.329	-8.9310	-2.2131	-46.207	253.23E-6
	40.00000	16.00000	-8.50000	-39.698	-8.9310	-0.32119	-22.531	158.45E-6
	41.00000	16.00000	-8.50000	-34.717	-8.9310	-0.097694	-14.146	104.28E-6
	42.00000	16.00000	-8.50000	-30.730	-8.9310	-0.041383	-9.9403	74.536E-6
	43.00000	16.00000	-8.50000	-27.428	-8.9310	-0.021090	-7.4430	56.268E-6
	44.00000	16.00000	-8.50000	-24.635	-8.9310	-0.012083	-5.8064	44.097E-6
	45.00000	16.00000	-8.50000	-22.235	-8.9310	-0.0075027	-4.6622	35.509E-6
	46.00000	16.00000	-8.50000	-20.150	-8.9310	-0.0049394	-3.8251	29.189E-6
	47.00000	16.00000	-8.50000	-18.324	-8.9310	-0.0033995	-3.1917	24.389E-6
	48.00000	16.00000	-8.50000	-16.711	-8.9310	-0.0024228	-2.6997	20.651E-6
	49.00000	16.00000	-8.50000	-15.279	-8.9310	-0.0017760	-2.3096	17.680E-6
	50.00000	16.00000	-8.50000	-14.001	-8.9310	-0.0013324	-1.9950	15.281E-6
	51.00000	16.00000	-8.50000	-12.856	-8.9310	-0.0010194	-1.7377	13.317E-6
	52.00000	16.00000	-8.50000	-11.825	-8.9310	-793.05E-6	-1.5246	11.688E-6
	53.00000	16.00000	-8.50000	-10.894	-8.9310	-625.98E-6	-1.3463	10.325E-6
	54.00000	16.00000	-8.50000	-10.051	-8.9310	-500.44E-6	-1.1957	9.1727E-6
	55.00000	16.00000	-8.50000	-9.2853	-8.9310	-404.61E-6	-1.0676	8.1914E-6
	56.00000	16.00000	-8.50000	-8.5882	-8.9310	-330.46E-6	-0.95765	7.3495E-6
	57.00000	16.00000	-8.50000	-7.9521	-8.9310	-272.36E-6	-0.86277	6.6226E-6
	58.00000	16.00000	-8.50000	-7.3705	-8.9310	-226.33E-6	-0.78038	5.9911E-6
	59.00000	16.00000	-8.50000	-6.8377	-8.9310	-189.51E-6	-0.70845	5.4396E-6
	60.00000	16.00000	-8.50000	-6.3487	-8.9310	-159.77E-6	-0.64533	4.9555E-6
	-20.00000	17.00000	-8.50000	-6.5129	-8.9310	-182.42E-6	-0.67685	5.1969E-6
	-19.00000	17.00000	-8.50000	-7.0234	-8.9310	-218.75E-6	-0.74610	5.7278E-6
	-18.00000	17.00000	-8.50000	-7.5813	-8.9310	-264.49E-6	-0.82565	6.3375E-6
	-17.00000	17.00000	-8.50000	-8.1922	-8.9310	-322.69E-6	-0.91757	7.0417E-6
	-16.00000	17.00000	-8.50000	-8.8628	-8.9310	-397.68E-6	-1.0245	7.8603E-6
	-15.00000	17.00000	-8.50000	-9.6007	-8.9310	-495.62E-6	-1.1497	8.8190E-6
	-14.00000	17.00000	-8.50000	-10.415	-8.9310	-625.54E-6	-1.2976	9.9507E-6
	-13.00000	17.00000	-8.50000	-11.316	-8.9310	-800.93E-6	-1.4740	11.299E-6
	-12.00000	17.00000	-8.50000	-12.317	-8.9310	-0.0010426	-1.6863	12.921E-6
	-11.00000	17.00000	-8.50000	-13.433	-8.9310	-0.0013836	-1.9452	14.895E-6
	-10.00000	17.00000	-8.50000	-14.683	-8.9310	-0.0018784	-2.2651	17.333E-6
	-9.00000	17.00000	-8.50000	-16.090	-8.9310	-0.0026217	-2.6671	20.390E-6
	-8.00000	17.00000	-8.50000	-17.684	-8.9310	-0.0037865	-3.1826	24.301E-6
	-7.00000	17.00000	-8.50000	-19.502	-8.9310	-0.0057132	-3.8607	29.427E-6
	-6.00000	17.00000	-8.50000	-21.594	-8.9310	-0.0091367	-4.7824	36.358E-6
	-5.00000	17.00000	-8.50000	-24.028	-8.9310	-0.015848	-6.0928	46.125E-6
	-4.00000	17.00000	-8.50000	-26.903	-8.9310	-0.031029	-8.0806	60.712E-6
	-3.00000	17.00000	-8.50000	-30.374	-8.9310	-0.074000	-11.421	84.421E-6
	-2.00000	17.00000	-8.50000	-34.715	-8.9310	-0.25399	-18.160	127.94E-6
	-1.00000	17.00000	-8.50000	-40.546	-8.9310	-1.9567	-38.268	204.01E-6
	0.00000	17.00000	-8.50000	-51.274	-8.9310	-78.974	-173.22	-0.0023120
	1.00000	17.00000	-8.50000	-62.414	-8.9310	-156.15	-310.64	-0.0048162
	2.00000	17.00000	-8.50000	-69.395	-8.9310	-158.65	-338.98	-0.0047137
	3.00000	17.00000	-8.50000	-75.126	-8.9310	-159.64	-354.50	-0.0046402
	4.00000	17.00000	-8.50000	-79.745	-8.9310	-159.89	-362.23	-0.0045921
	5.00000	17.00000	-8.50000	-83.497	-8.9310	-159.95	-366.32	-0.0045636
	6.00000	17.00000	-8.50000	-86.599	-8.9310	-159.98	-368.77	-0.0045457
	7.00000	17.00000	-8.50000	-89.200	-8.9310	-159.99	-370.38	-0.0045338
	8.00000	17.00000	-8.50000	-91.403	-8.9310	-159.99	-371.50	-0.0045255
	9.00000	17.00000	-8.50000	-93.280	-8.9310	-159.99	-372.31	-0.0045193
	10.00000	17.00000	-8.50000	-94.886	-8.9310	-159.99	-372.91	-0.0045147
	11.00000	17.00000	-8.50000	-96.260	-8.9310	-160.00	-373.38	-0.0045112
	12.00000	17.00000	-8.50000	-97.434	-8.9310	-160.00	-373.74	-0.0045084
	13.00000	17.00000	-8.50000	-98.432	-8.9310	-160.00	-374.03	-0.0045063
	14.00000	17.00000	-8.50000	-99.271	-8.9310	-160.00	-374.25	-0.0045045
	15.00000	17.00000	-8.50000	-99.968	-8.9310	-160.00	-374.43	-0.0045032
	16.00000	17.00000	-8.50000	-100.53	-8.9310	-160.00	-374.57	-0.0045021
	17.00000	17.00000	-8.50000	-100.97	-8.9310	-160.00	-374.68	-0.0045013
	18.00000	17.00000	-8.50000	-101.29	-8.9310	-160.00	-374.76	-0.0045007
	19.00000	17.00000	-8.50000	-101.49	-8.9310	-160.00	-374.81	-0.0045003
	20.00000	17.00000	-8.50000	-101.58	-8.9310	-160.00	-374.84	-0.0045001
	21.00000	17.00000	-8.50000	-101.55	-8.9310	-160.00	-374.84	-0.0045001
	22.00000	17.00000	-8.50000	-101.40	-8.9310	-160.00	-374.81	-0.0045003
	23.00000	17.00000	-8.50000	-101.12	-8.9310	-160.00	-374.75	-0.0045008
	24.00000	17.00000	-8.50000	-100.71	-8.9310	-160.00	-374.65	-0.0045015
	25.00000	17.00000	-8.50000	-100.15	-8.9310	-160.00	-374.51	-0.0045026
	26.00000	17.00000	-8.50000	-99.438	-8.9310	-160.00	-374.32	-0.0045041
	27.00000	17.00000	-8.50000	-98.552	-8.9310	-160.00	-374.06	-0.0045060
	28.00000	17.00000	-8.50000	-97.474	-8.9310	-160.00	-373.73	-0.0045086
	29.00000	17.00000	-8.50000	-96.177	-8.9310	-160.00	-373.28	-0.0045119
	30.00000	17.00000	-8.50000	-94.630	-8.9310	-159.99	-372.69	-0.0045164
	31.00000	17.00000	-8.50000	-92.790	-8.9310	-159.99	-371.89	-0.0045225
	32.00000	17.00000	-8.50000	-90.600	-8.9310	-159.99	-370.77	-0.0045308
	33.00000	17.00000	-8.50000	-87.984	-8.9310	-159.98	-369.16	-0.0045428
	34.00000	17.00000	-8.50000	-84.828	-8.9310	-159.96	-366.68	-0.0045609
	35.00000	17.00000	-8.50000	-80.954	-8.9310	-159.90	-362.49	-0.0045906
	36.00000	17.00000	-8.50000	-76.056	-8.9310	-159.68	-354.12	-0.0046446
	37.00000	17.00000	-8.50000	-69.478	-8.9310	-157.79	-330.45	-0.0047394
	38.00000	17.00000	-8.50000	-57.876	-8.9310	-79.999	-188.32	-0.0022431
	39.00000	17.00000	-8.50000	-46.259	-8.9310	-2.2131	-46.191	253.12E-6
	40.00000	17.00000	-8.50000	-39.634	-8.9310	-0.32118	-22.517	158.35E-6
	41.00000	17.00000	-8.50000	-34.659	-8.9310	-0.097683	-14.134	104.19E-6
	42.00000	17.00000	-8.50000	-30.677	-8.9310	-0.041374	-9.9298	74.456E-6
	43.00000	17.00000	-8.50000	-27.381	-8.9310	-0.021081	-7.4339	56.197E-6
	44.00000	17.00000	-8.50000	-24.592	-8.9310	-0.012076	-5.7984	44.035E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	45.00000	17.00000	-8.50000	-22.196	-8.9310	-0.0074970	-4.6553	35.455E-6
	46.00000	17.00000	-8.50000	-20.115	-8.9310	-0.0049347	-3.8191	29.143E-6
	47.00000	17.00000	-8.50000	-18.292	-8.9310	-0.0033958	-3.1865	24.349E-6
	48.00000	17.00000	-8.50000	-16.683	-8.9310	-0.0024197	-2.6952	20.616E-6
	49.00000	17.00000	-8.50000	-15.254	-8.9310	-0.0017735	-2.3057	17.651E-6
	50.00000	17.00000	-8.50000	-13.978	-8.9310	-0.0013304	-1.9917	15.256E-6
	51.00000	17.00000	-8.50000	-12.835	-8.9310	-0.0010177	-1.7348	13.294E-6
	52.00000	17.00000	-8.50000	-11.806	-8.9310	-791.71E-6	-1.5220	11.669E-6
	53.00000	17.00000	-8.50000	-10.877	-8.9310	-624.89E-6	-1.3441	10.308E-6
	54.00000	17.00000	-8.50000	-10.036	-8.9310	-499.55E-6	-1.1938	9.1580E-6
	55.00000	17.00000	-8.50000	-9.2716	-8.9310	-403.89E-6	-1.0659	8.1786E-6
	56.00000	17.00000	-8.50000	-8.5759	-8.9310	-329.86E-6	-0.95619	7.3383E-6
	57.00000	17.00000	-8.50000	-7.9410	-8.9310	-271.87E-6	-0.86149	6.6128E-6
	58.00000	17.00000	-8.50000	-7.3604	-8.9310	-225.93E-6	-0.77926	5.9825E-6
	59.00000	17.00000	-8.50000	-6.8285	-8.9310	-189.17E-6	-0.70746	5.4320E-6
	60.00000	17.00000	-8.50000	-6.3404	-8.9310	-159.49E-6	-0.64445	4.9488E-6
	-20.00000	18.00000	-8.50000	-6.4918	-8.9310	-182.38E-6	-0.67499	5.1826E-6
	-19.00000	18.00000	-8.50000	-7.0004	-8.9310	-218.89E-6	-0.74413	5.7126E-6
	-18.00000	18.00000	-8.50000	-7.5563	-8.9310	-264.92E-6	-0.82359	6.3216E-6
	-17.00000	18.00000	-8.50000	-8.1652	-8.9310	-323.63E-6	-0.91547	7.0255E-6
	-16.00000	18.00000	-8.50000	-8.8337	-8.9310	-399.46E-6	-1.0224	7.8446E-6
	-15.00000	18.00000	-8.50000	-9.5694	-8.9310	-498.81E-6	-1.1479	8.8050E-6
	-14.00000	18.00000	-8.50000	-10.382	-8.9310	-631.09E-6	-1.2963	9.9403E-6
	-13.00000	18.00000	-8.50000	-11.281	-8.9310	-810.45E-6	-1.4736	11.295E-6
	-12.00000	18.00000	-8.50000	-12.281	-8.9310	-0.0010589	-1.6876	12.929E-6
	-11.00000	18.00000	-8.50000	-13.396	-8.9310	-0.0014117	-1.9491	14.925E-6
	-10.00000	18.00000	-8.50000	-14.647	-8.9310	-0.0019276	-2.2737	17.397E-6
	-9.00000	18.00000	-8.50000	-16.058	-8.9310	-0.0027096	-2.6835	20.512E-6
	-8.00000	18.00000	-8.50000	-17.658	-8.9310	-0.0039487	-3.2121	24.521E-6
	-7.00000	18.00000	-8.50000	-19.488	-8.9310	-0.0060261	-3.9128	29.813E-6
	-6.00000	18.00000	-8.50000	-21.601	-8.9310	-0.0097769	-4.8747	37.038E-6
	-5.00000	18.00000	-8.50000	-24.071	-8.9310	-0.017270	-6.2599	47.345E-6
	-4.00000	18.00000	-8.50000	-27.005	-8.9310	-0.034575	-8.3968	62.980E-6
	-3.00000	18.00000	-8.50000	-30.577	-8.9310	-0.084435	-12.064	88.884E-6
	-2.00000	18.00000	-8.50000	-35.094	-8.9310	-0.29284	-19.618	137.36E-6
	-1.00000	18.00000	-8.50000	-41.236	-8.9310	-2.1496	-42.049	224.19E-6
	0.00000	18.00000	-8.50000	-52.428	-8.9310	-79.876	-182.71	-0.0022806
	1.00000	18.00000	-8.50000	-63.818	-8.9310	-157.63	-324.09	-0.0047810
	2.00000	18.00000	-8.50000	-70.493	-8.9310	-159.55	-348.45	-0.0046826
	3.00000	18.00000	-8.50000	-75.705	-8.9310	-159.84	-358.23	-0.0046204
	4.00000	18.00000	-8.50000	-79.960	-8.9310	-159.93	-363.61	-0.0045832
	5.00000	18.00000	-8.50000	-83.486	-8.9310	-159.96	-366.87	-0.0045598
	6.00000	18.00000	-8.50000	-86.441	-8.9310	-159.98	-368.98	-0.0045443
	7.00000	18.00000	-8.50000	-88.942	-8.9310	-159.99	-370.42	-0.0045335
	8.00000	18.00000	-8.50000	-91.072	-8.9310	-159.99	-371.45	-0.0045258
	9.00000	18.00000	-8.50000	-92.896	-8.9310	-159.99	-372.21	-0.0045201
	10.00000	18.00000	-8.50000	-94.461	-8.9310	-159.99	-372.79	-0.0045157
	11.00000	18.00000	-8.50000	-95.806	-8.9310	-160.00	-373.23	-0.0045123
	12.00000	18.00000	-8.50000	-96.958	-8.9310	-160.00	-373.58	-0.0045097
	13.00000	18.00000	-8.50000	-97.940	-8.9310	-160.00	-373.86	-0.0045075
	14.00000	18.00000	-8.50000	-98.770	-8.9310	-160.00	-374.08	-0.0045059
	15.00000	18.00000	-8.50000	-99.462	-8.9310	-160.00	-374.26	-0.0045045
	16.00000	18.00000	-8.50000	-100.02	-8.9310	-160.00	-374.40	-0.0045034
	17.00000	18.00000	-8.50000	-100.47	-8.9310	-160.00	-374.51	-0.0045026
	18.00000	18.00000	-8.50000	-100.79	-8.9310	-160.00	-374.59	-0.0045020
	19.00000	18.00000	-8.50000	-101.01	-8.9310	-160.00	-374.65	-0.0045015
	20.00000	18.00000	-8.50000	-101.10	-8.9310	-160.00	-374.68	-0.0045013
	21.00000	18.00000	-8.50000	-101.09	-8.9310	-160.00	-374.69	-0.0045012
	22.00000	18.00000	-8.50000	-100.95	-8.9310	-160.00	-374.67	-0.0045014
	23.00000	18.00000	-8.50000	-100.69	-8.9310	-160.00	-374.61	-0.0045018
	24.00000	18.00000	-8.50000	-100.30	-8.9310	-160.00	-374.52	-0.0045025
	25.00000	18.00000	-8.50000	-99.760	-8.9310	-160.00	-374.39	-0.0045035
	26.00000	18.00000	-8.50000	-99.066	-8.9310	-160.00	-374.21	-0.0045049
	27.00000	18.00000	-8.50000	-98.198	-8.9310	-160.00	-373.96	-0.0045068
	28.00000	18.00000	-8.50000	-97.137	-8.9310	-160.00	-373.63	-0.0045093
	29.00000	18.00000	-8.50000	-95.858	-8.9310	-159.99	-373.19	-0.0045126
	30.00000	18.00000	-8.50000	-94.327	-8.9310	-159.99	-372.61	-0.0045171
	31.00000	18.00000	-8.50000	-92.504	-8.9310	-159.99	-371.81	-0.0045231
	32.00000	18.00000	-8.50000	-90.331	-8.9310	-159.99	-370.70	-0.0045314
	33.00000	18.00000	-8.50000	-87.730	-8.9310	-159.98	-369.09	-0.0045433
	34.00000	18.00000	-8.50000	-84.589	-8.9310	-159.96	-366.62	-0.0045614
	35.00000	18.00000	-8.50000	-80.731	-8.9310	-159.90	-362.44	-0.0045910
	36.00000	18.00000	-8.50000	-75.848	-8.9310	-159.68	-354.07	-0.0046450
	37.00000	18.00000	-8.50000	-69.285	-8.9310	-157.79	-330.40	-0.0047397
	38.00000	18.00000	-8.50000	-57.698	-8.9310	-79.999	-188.28	-0.0022434
	39.00000	18.00000	-8.50000	-46.095	-8.9310	-2.2130	-46.152	252.82E-6
	40.00000	18.00000	-8.50000	-39.484	-8.9310	-0.32114	-22.482	158.08E-6
	41.00000	18.00000	-8.50000	-34.522	-8.9310	-0.097649	-14.103	103.96E-6
	42.00000	18.00000	-8.50000	-30.552	-8.9310	-0.041345	-9.9027	74.249E-6
	43.00000	18.00000	-8.50000	-27.267	-8.9310	-0.021058	-7.4101	56.016E-6
	44.00000	18.00000	-8.50000	-24.489	-8.9310	-0.012056	-5.7777	43.877E-6
	45.00000	18.00000	-8.50000	-22.104	-8.9310	-0.0074809	-4.6373	35.318E-6
	46.00000	18.00000	-8.50000	-20.032	-8.9310	-0.0049216	-3.8035	29.024E-6
	47.00000	18.00000	-8.50000	-18.217	-8.9310	-0.0033851	-3.1730	24.246E-6
	48.00000	18.00000	-8.50000	-16.615	-8.9310	-0.0024110	-2.6836	20.527E-6
	49.00000	18.00000	-8.50000	-15.193	-8.9310	-0.0017665	-2.2957	17.574E-6
	50.00000	18.00000	-8.50000	-13.924	-8.9310	-0.0013247	-1.9830	15.189E-6
	51.00000	18.00000	-8.50000	-12.786	-8.9310	-0.0010132	-1.7273	13.237E-6
	52.00000	18.00000	-8.50000	-11.762	-8.9310	-788.01E-6	-1.5156	11.620E-6
	53.00000	18.00000	-8.50000	-10.838	-8.9310	-621.90E-6	-1.3385	10.265E-6
	54.00000	18.00000	-8.50000	-10.000	-8.9310	-497.12E-6	-1.1890	9.1211E-6
	55.00000	18.00000	-8.50000	-9.2396	-8.9310	-401.91E-6	-1.0617	8.1466E-6
	56.00000	18.00000	-8.50000	-8.5470	-8.9310	-328.25E-6	-0.95255	7.3105E-6
	57.00000	18.00000	-8.50000	-7.9149	-8.9310	-270.55E-6	-0.85832	6.5884E-6
	58.00000	18.00000	-8.50000	-7.3369	-8.9310	-224.84E-6	-0.77649	5.9612E-6
	59.00000	18.00000	-8.50000	-6.8073	-8.9310	-188.28E-6	-0.70503	5.4134E-6
	60.00000	18.00000	-8.50000	-6.3211	-8.9310	-158.75E-6	-0.64232	4.9324E-6
	-20.00000	19.00000	-8.50000	-6.4584	-8.9310	-181.63E-6	-0.67159	5.1565E-6
	-19.00000	19.00000	-8.50000	-6.9638	-8.9310	-218.12E-6	-0.74035	5.6836E-6
	-18.00000	19.00000	-8.50000	-7.5161	-8.9310	-264.21E-6	-0.81941	6.2895E-6
	-17.00000	19.00000	-8.50000	-8.1211	-8.9310	-323.10E-6	-0.91089	6.9903E-6
	-16.00000	19.00000	-8.50000	-8.7853	-8.9310	-399.33E-6	-1.0175	7.8064E-6
	-15.00000	19.00000	-8.50000	-9.5165	-8.9310	-499.47E-6	-1.1426	8.7641E-6
	-14.00000	19.00000	-8.50000	-10.324	-8.9310	-633.24E-6	-1.2908	9.8977E-6
	-13.00000	19.00000	-8.50000	-11.218	-8.9310	-815.32E-6	-1.4681	11.253E-6
	-12.00000	19.00000	-8.50000	-12.213	-8.9310	-0.0010687	-1.6825	12.890E-6
	-11.00000	19.00000	-8.50000	-13.324	-8.9310	-0.0014304	-1.9454	14.895E-6
	-10.00000	19.00000	-8.50000	-14.570	-8.9310	-0.0019627	-2.2726	17.387E-6
	-9.00000	19.00000	-8.50000	-15.978	-8.9310	-0.0027752	-2.6873	20.539E-6
	-8.00000	19.00000	-8.50000	-17.577	-8.9310	-0.0040731	-3.2251	24.615E-6
	-7.00000	19.00000	-8.50000	-19.410	-8.9310	-0.0062675	-3.9421	30.028E-6
	-6.00000	19.00000	-8.50000	-21.532	-8.9310	-0.010264	-4.9335	37.467E-6
	-5.00000	19.00000	-8.50000	-24.020	-8.9310	-0.018305	-6.3727	48.164E-6
	-4.00000	19.00000	-8.50000	-26.989	-8.9310	-0.036932	-8.6112	64.521E-6
	-3.00000	19.00000	-8.50000	-30.619	-8.9310	-0.090272	-12.476	91.782E-6
	-2.00000	19.00000	-8.50000	-35.229	-8.9310	-0.30851	-20.420	142.80E-6
	-1.00000	19.00000	-8.50000	-41.503	-8.9310	-2.1920	-43.574	233.96E-6
	0.00000	19.00000	-8.50000	-52.829	-8.9310	-79.969

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	24.00000	19.00000	-8.50000	-99.693	-8.9310	-160.00	-374.33	-0.0045039
	25.00000	19.00000	-8.50000	-99.179	-8.9310	-160.00	-374.21	-0.0045048
	26.00000	19.00000	-8.50000	-98.509	-8.9310	-160.00	-374.04	-0.0045062
	27.00000	19.00000	-8.50000	-97.665	-8.9310	-160.00	-373.80	-0.0045080
	28.00000	19.00000	-8.50000	-96.628	-8.9310	-160.00	-373.48	-0.0045104
	29.00000	19.00000	-8.50000	-95.371	-8.9310	-159.99	-373.05	-0.0045137
	30.00000	19.00000	-8.50000	-93.863	-8.9310	-159.99	-372.47	-0.0045181
	31.00000	19.00000	-8.50000	-92.062	-8.9310	-159.99	-371.69	-0.0045240
	32.00000	19.00000	-8.50000	-89.912	-8.9310	-159.99	-370.58	-0.0045323
	33.00000	19.00000	-8.50000	-87.334	-8.9310	-159.98	-368.98	-0.0045442
	34.00000	19.00000	-8.50000	-84.216	-8.9310	-159.96	-366.52	-0.0045622
	35.00000	19.00000	-8.50000	-80.381	-8.9310	-159.90	-362.34	-0.0045917
	36.00000	19.00000	-8.50000	-75.521	-8.9310	-159.68	-353.98	-0.0046457
	37.00000	19.00000	-8.50000	-68.980	-8.9310	-157.79	-330.33	-0.0047403
	38.00000	19.00000	-8.50000	-57.416	-8.9310	-79.999	-188.21	-0.0022440
	39.00000	19.00000	-8.50000	-45.835	-8.9310	-2.2129	-46.088	252.33E-6
	40.00000	19.00000	-8.50000	-39.246	-8.9310	-0.32107	-22.425	157.64E-6
	41.00000	19.00000	-8.50000	-34.304	-8.9310	-0.097591	-14.053	103.57E-6
	42.00000	19.00000	-8.50000	-30.355	-8.9310	-0.041296	-9.8580	73.908E-6
	43.00000	19.00000	-8.50000	-27.088	-8.9310	-0.021017	-7.3711	55.718E-6
	44.00000	19.00000	-8.50000	-24.327	-8.9310	-0.012023	-5.7438	43.618E-6
	45.00000	19.00000	-8.50000	-21.958	-8.9310	-0.0074534	-4.6079	35.093E-6
	46.00000	19.00000	-8.50000	-19.901	-8.9310	-0.0048993	-3.7782	28.830E-6
	47.00000	19.00000	-8.50000	-18.099	-8.9310	-0.0033670	-3.1512	24.079E-6
	48.00000	19.00000	-8.50000	-16.509	-8.9310	-0.0023965	-2.6648	20.383E-6
	49.00000	19.00000	-8.50000	-15.098	-8.9310	-0.0017547	-2.2796	17.450E-6
	50.00000	19.00000	-8.50000	-13.838	-8.9310	-0.0013153	-1.9691	15.083E-6
	51.00000	19.00000	-8.50000	-12.709	-8.9310	-0.0010056	-1.7154	13.146E-6
	52.00000	19.00000	-8.50000	-11.693	-8.9310	-781.90E-6	-1.5053	11.541E-6
	53.00000	19.00000	-8.50000	-10.776	-8.9310	-616.97E-6	-1.3296	10.197E-6
	54.00000	19.00000	-8.50000	-9.9445	-8.9310	-493.13E-6	-1.1813	9.0621E-6
	55.00000	19.00000	-8.50000	-9.1894	-8.9310	-398.67E-6	-1.0550	8.0954E-6
	56.00000	19.00000	-8.50000	-8.5018	-8.9310	-325.61E-6	-0.94676	7.2660E-6
	57.00000	19.00000	-8.50000	-7.8742	-8.9310	-268.39E-6	-0.85328	6.5498E-6
	58.00000	19.00000	-8.50000	-7.3001	-8.9310	-223.08E-6	-0.77209	5.9274E-6
	59.00000	19.00000	-8.50000	-6.7740	-8.9310	-186.82E-6	-0.70118	5.3838E-6
	60.00000	19.00000	-8.50000	-6.2911	-8.9310	-157.55E-6	-0.63894	4.9065E-6
	-20.00000	20.00000	-8.50000	-6.4130	-8.9310	-180.15E-6	-0.66664	5.1185E-6
	-19.00000	20.00000	-8.50000	-6.9137	-8.9310	-216.43E-6	-0.73476	5.6407E-6
	-18.00000	20.00000	-8.50000	-7.4608	-8.9310	-262.30E-6	-0.81311	6.2411E-6
	-17.00000	20.00000	-8.50000	-8.0600	-8.9310	-321.00E-6	-0.90379	6.9358E-6
	-16.00000	20.00000	-8.50000	-8.7178	-8.9310	-397.13E-6	-1.0095	7.7451E-6
	-15.00000	20.00000	-8.50000	-9.4420	-8.9310	-497.36E-6	-1.1337	8.6956E-6
	-14.00000	20.00000	-8.50000	-10.242	-8.9310	-631.59E-6	-1.2809	9.8216E-6
	-13.00000	20.00000	-8.50000	-11.128	-8.9310	-814.91E-6	-1.4572	11.169E-6
	-12.00000	20.00000	-8.50000	-12.113	-8.9310	-0.0010709	-1.6709	12.801E-6
	-11.00000	20.00000	-8.50000	-13.214	-8.9310	-0.0014380	-1.9333	14.802E-6
	-10.00000	20.00000	-8.50000	-14.451	-8.9310	-0.0019808	-2.2608	17.295E-6
	-9.00000	20.00000	-8.50000	-15.848	-8.9310	-0.0028138	-2.6773	20.460E-6
	-8.00000	20.00000	-8.50000	-17.438	-8.9310	-0.0041514	-3.2193	24.567E-6
	-7.00000	20.00000	-8.50000	-19.263	-8.9310	-0.0064245	-3.9453	30.045E-6
	-6.00000	20.00000	-8.50000	-21.380	-8.9310	-0.010580	-4.9539	37.610E-6
	-5.00000	20.00000	-8.50000	-23.868	-8.9310	-0.018952	-6.4250	48.537E-6
	-4.00000	20.00000	-8.50000	-26.844	-8.9310	-0.038285	-8.7211	65.303E-6
	-3.00000	20.00000	-8.50000	-30.493	-8.9310	-0.093150	-12.687	93.269E-6
	-2.00000	20.00000	-8.50000	-35.134	-8.9310	-0.31458	-20.796	145.42E-6
	-1.00000	20.00000	-8.50000	-41.443	-8.9310	-2.2039	-44.187	238.12E-6
	0.00000	20.00000	-8.50000	-52.792	-8.9310	-79.988	-186.07	-0.0022599
	1.00000	20.00000	-8.50000	-64.198	-8.9310	-157.77	-328.06	-0.0047572
	2.00000	20.00000	-8.50000	-70.669	-8.9310	-159.67	-351.72	-0.0046625
	3.00000	20.00000	-8.50000	-75.542	-8.9310	-159.89	-360.20	-0.0046077
	4.00000	20.00000	-8.50000	-79.454	-8.9310	-159.95	-364.54	-0.0045771
	5.00000	20.00000	-8.50000	-82.693	-8.9310	-159.97	-367.17	-0.0045579
	6.00000	20.00000	-8.50000	-85.420	-8.9310	-159.98	-368.92	-0.0045449
	7.00000	20.00000	-8.50000	-87.742	-8.9310	-159.99	-370.14	-0.0045357
	8.00000	20.00000	-8.50000	-89.732	-8.9310	-159.99	-371.04	-0.0045290
	9.00000	20.00000	-8.50000	-91.447	-8.9310	-159.99	-371.71	-0.0045239
	10.00000	20.00000	-8.50000	-92.927	-8.9310	-159.99	-372.23	-0.0045199
	11.00000	20.00000	-8.50000	-94.206	-8.9310	-159.99	-372.64	-0.0045168
	12.00000	20.00000	-8.50000	-95.309	-8.9310	-159.99	-372.97	-0.0045143
	13.00000	20.00000	-8.50000	-96.257	-8.9310	-159.99	-373.23	-0.0045123
	14.00000	20.00000	-8.50000	-97.065	-8.9310	-160.00	-373.44	-0.0045107
	15.00000	20.00000	-8.50000	-97.746	-8.9310	-160.00	-373.62	-0.0045094
	16.00000	20.00000	-8.50000	-98.310	-8.9310	-160.00	-373.76	-0.0045083
	17.00000	20.00000	-8.50000	-98.764	-8.9310	-160.00	-373.88	-0.0045073
	18.00000	20.00000	-8.50000	-99.110	-8.9310	-160.00	-373.98	-0.0045066
	19.00000	20.00000	-8.50000	-99.352	-8.9310	-160.00	-374.05	-0.0045060
	20.00000	20.00000	-8.50000	-99.488	-8.9310	-160.00	-374.11	-0.0045056
	21.00000	20.00000	-8.50000	-99.515	-8.9310	-160.00	-374.14	-0.0045054
	22.00000	20.00000	-8.50000	-99.428	-8.9310	-160.00	-374.15	-0.0045053
	23.00000	20.00000	-8.50000	-99.220	-8.9310	-160.00	-374.13	-0.0045055
	24.00000	20.00000	-8.50000	-98.880	-8.9310	-160.00	-374.07	-0.0045060
	25.00000	20.00000	-8.50000	-98.397	-8.9310	-160.00	-373.96	-0.0045067
	26.00000	20.00000	-8.50000	-97.757	-8.9310	-160.00	-373.81	-0.0045080
	27.00000	20.00000	-8.50000	-96.944	-8.9310	-160.00	-373.58	-0.0045097
	28.00000	20.00000	-8.50000	-95.936	-8.9310	-160.00	-373.27	-0.0045120
	29.00000	20.00000	-8.50000	-94.709	-8.9310	-159.99	-372.86	-0.0045152
	30.00000	20.00000	-8.50000	-93.231	-8.9310	-159.99	-372.29	-0.0045195
	31.00000	20.00000	-8.50000	-91.459	-8.9310	-159.99	-371.51	-0.0045254
	32.00000	20.00000	-8.50000	-89.338	-8.9310	-159.99	-370.42	-0.0045335
	33.00000	20.00000	-8.50000	-86.790	-8.9310	-159.98	-368.83	-0.0045454
	34.00000	20.00000	-8.50000	-83.703	-8.9310	-159.96	-366.37	-0.0045633
	35.00000	20.00000	-8.50000	-79.898	-8.9310	-159.90	-362.21	-0.0045927
	36.00000	20.00000	-8.50000	-75.070	-8.9310	-159.68	-353.86	-0.0046466
	37.00000	20.00000	-8.50000	-68.560	-8.9310	-157.79	-330.21	-0.0047412
	38.00000	20.00000	-8.50000	-57.027	-8.9310	-79.999	-188.11	-0.0022448
	39.00000	20.00000	-8.50000	-45.477	-8.9310	-2.2128	-45.996	251.62E-6
	40.00000	20.00000	-8.50000	-38.918	-8.9310	-0.32096	-22.343	157.02E-6
	41.00000	20.00000	-8.50000	-34.005	-8.9310	-0.097501	-13.980	103.02E-6
	42.00000	20.00000	-8.50000	-30.083	-8.9310	-0.041222	-9.7945	73.423E-6
	43.00000	20.00000	-8.50000	-26.842	-8.9310	-0.020956	-7.3158	55.295E-6
	44.00000	20.00000	-8.50000	-24.105	-8.9310	-0.011973	-5.6959	43.252E-6
	45.00000	20.00000	-8.50000	-21.758	-8.9310	-0.0074129	-4.5667	34.778E-6
	46.00000	20.00000	-8.50000	-19.721	-8.9310	-0.0048667	-3.7427	28.559E-6
	47.00000	20.00000	-8.50000	-17.938	-8.9310	-0.0033409	-3.1207	23.846E-6
	48.00000	20.00000	-8.50000	-16.364	-8.9310	-0.0023756	-2.6387	20.184E-6
	49.00000	20.00000	-8.50000	-14.968	-8.9310	-0.0017380	-2.2572	17.279E-6
	50.00000	20.00000	-8.50000	-13.722	-8.9310	-0.0013019	-1.9499	14.936E-6
	51.00000	20.00000	-8.50000	-12.605	-8.9310	-994.87E-6	-1.6989	13.019E-6
	52.00000	20.00000	-8.50000	-11.599	-8.9310	-773.31E-6	-1.4911	11.432E-6
	53.00000	20.00000	-8.50000	-10.691	-8.9310	-610.05E-6	-1.3174	10.103E-6
	54.00000	20.00000	-8.50000	-9.8688	-8.9310	-487.55E-6	-1.1708	8.9812E-6
	55.00000	20.00000	-8.50000	-9.1213	-8.9310	-394.16E-6	-1.0459	8.0254E-6
	56.00000	20.00000	-8.50000	-8.4405	-8.9310	-321.95E-6	-0.93883	7.2053E-6
	57.00000	20.00000	-8.50000	-7.8189	-8.9310	-265.41E-6	-0.84638	6.4969E-6
	58.00000	20.00000	-8.50000	-7.2502	-8.9310	-220.63E-6	-0.76607	5.8813E-6
	59.00000	20.00000	-8.50000	-6.7289	-8.9310	-184.82E-6	-0.69592	5.3435E-6
	60.00000	20.00000	-8.50000	-6.2503	-8.9310	-155.90E-6	-0.63433	4.8711E-6
	-20.00000	21.00000	-8.50000	-6.3557	-8.9310	-177.93E-6	-0.66015	5.0687E-6
	-19.00000	21.00000	-8.50000	-6.8503	-8.9310	-213.78E-6	-0.72738	5.5841E-6
	-18.00000	21.00000	-8.50000	-7.3905	-8.9310	-259.15E-6	-0.80469	6.1765E-6
	-17.00000	21.00000	-8.50000	-7.9821	-8.9310	-317.27E-6	-0.89417	6.8620E-6
	-16.00000	21.00000	-8.50000	-8.6314	-8.9310	-392.74E-6	-0.99849	7.6607E-6
	-15.00000	21.00000	-8.50000	-9.3460	-8.9310	-492.28E-6	-1.1211	8.5991E-6
	-14.00000	21.00000	-8.50000	-10.135	-8.9310	-625.86E-6	-1.2665	9.7114E-6
	-13.00000	21.00000	-8.50000	-11.009	-8.9310	-808.71E-6	-1.4409	11.044E-6
	-12.00000	21.00000	-8.50000	-11.982	-8.9310	-0.0010648	-1.6523	12.658E-6
	-11.00000	21.00000	-8.50000	-13.068	-8.9310	-0.0014332	-1.9125	14.642E-6
	-10.00000	21.00000	-8.50000	-14.289	-8.9310	-0.0019799	-2.2377	17.118E-6
	-9.00000	21.00000	-8.50000	-15.669	-8.9310	-0.0028220	-2.6523	20.267E-6
	-8.00000	21.00000	-8.50000	-17.240	-8.9310	-0.0041794	-3.1934	24.366E-6
	-7.00000	21.00000	-8.50000	-19.046	-8.9310	-0.0064933	-3.9204	29.850E-6
	-6.00000	21.00000	-8.50000	-21.143	-8.9310	-0.010731	-4.9338	37.448E-6
	-5.00000	21.00000	-8.50000	-23.611	-8.9310	-0.019267	-6.4162	48.455E-6
	-4.00000	21.00000	-8.50000	-26.570	-8.9310	-0.038921	-8.7346	65.377E-6
	-3.00000	21.00000	-8.50000	-30.202	-8.9310	-0.094387	-12.738	93.608E-6
	-2.00000	21.00000	-8.50000	-34.827	-8.9310	-0.31684	-20.904	146.15E-6
	-1.00000	21.00000	-8.50000	-41.116	-8.9310	-2.2076	-44.362	239.30E-6
	0.00000	21.00000	-8.50000	-52.431	-8.9310	-79.993	-186.30	-0.0022584
	1.00000	21.00000	-8.50000	-63.781	-8.9310	-157.78	-328.29	-0.0047557
	2.00000	21.00000	-8.50000	-70.168	-8.9310	-159.67	-351.88	-0.0046616

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	3.00000	21.00000	-8.50000	-74.938	-8.9310	-159.89	-360.22	-0.0046077
	4.00000	21.00000	-8.50000	-78.739	-8.9310	-159.95	-364.43	-0.0045780
	5.00000	21.00000	-8.50000	-81.872	-8.9310	-159.97	-366.94	-0.0045596
	6.00000	21.00000	-8.50000	-84.506	-8.9310	-159.98	-368.60	-0.0045473
	7.00000	21.00000	-8.50000	-86.747	-8.9310	-159.99	-369.76	-0.0045386
	8.00000	21.00000	-8.50000	-88.670	-8.9310	-159.99	-370.61	-0.0045322
	9.00000	21.00000	-8.50000	-90.328	-8.9310	-159.99	-371.25	-0.0045274
	10.00000	21.00000	-8.50000	-91.764	-8.9310	-159.99	-371.74	-0.0045236
	11.00000	21.00000	-8.50000	-93.007	-8.9310	-159.99	-372.13	-0.0045207
	12.00000	21.00000	-8.50000	-94.084	-8.9310	-159.99	-372.45	-0.0045183
	13.00000	21.00000	-8.50000	-95.013	-8.9310	-159.99	-372.70	-0.0045163
	14.00000	21.00000	-8.50000	-95.810	-8.9310	-159.99	-372.91	-0.0045147
	15.00000	21.00000	-8.50000	-96.487	-8.9310	-159.99	-373.09	-0.0045134
	16.00000	21.00000	-8.50000	-97.054	-8.9310	-159.99	-373.24	-0.0045122
	17.00000	21.00000	-8.50000	-97.516	-8.9310	-159.99	-373.37	-0.0045112
	18.00000	21.00000	-8.50000	-97.878	-8.9310	-159.99	-373.48	-0.0045104
	19.00000	21.00000	-8.50000	-98.142	-8.9310	-159.99	-373.57	-0.0045097
	20.00000	21.00000	-8.50000	-98.305	-8.9310	-159.99	-373.65	-0.0045091
	21.00000	21.00000	-8.50000	-98.365	-8.9310	-160.00	-373.70	-0.0045087
	22.00000	21.00000	-8.50000	-98.314	-8.9310	-160.00	-373.73	-0.0045085
	23.00000	21.00000	-8.50000	-98.143	-8.9310	-160.00	-373.74	-0.0045084
	24.00000	21.00000	-8.50000	-97.843	-8.9310	-160.00	-373.70	-0.0045087
	25.00000	21.00000	-8.50000	-97.399	-8.9310	-160.00	-373.62	-0.0045093
	26.00000	21.00000	-8.50000	-96.798	-8.9310	-160.00	-373.49	-0.0045104
	27.00000	21.00000	-8.50000	-96.022	-8.9310	-160.00	-373.28	-0.0045119
	28.00000	21.00000	-8.50000	-95.052	-8.9310	-159.99	-372.99	-0.0045142
	29.00000	21.00000	-8.50000	-93.861	-8.9310	-159.99	-372.59	-0.0045172
	30.00000	21.00000	-8.50000	-92.419	-8.9310	-159.99	-372.03	-0.0045214
	31.00000	21.00000	-8.50000	-90.683	-8.9310	-159.99	-371.27	-0.0045272
	32.00000	21.00000	-8.50000	-88.599	-8.9310	-159.99	-370.19	-0.0045353
	33.00000	21.00000	-8.50000	-86.089	-8.9310	-159.98	-368.62	-0.0045470
	34.00000	21.00000	-8.50000	-83.039	-8.9310	-159.96	-366.17	-0.0045648
	35.00000	21.00000	-8.50000	-79.275	-8.9310	-159.90	-362.02	-0.0045942
	36.00000	21.00000	-8.50000	-74.486	-8.9310	-159.68	-353.69	-0.0046479
	37.00000	21.00000	-8.50000	-68.018	-8.9310	-157.78	-330.06	-0.0047424
	38.00000	21.00000	-8.50000	-56.525	-8.9310	-79.999	-187.96	-0.0022458
	39.00000	21.00000	-8.50000	-45.016	-8.9310	-2.2126	-45.870	250.67E-6
	40.00000	21.00000	-8.50000	-38.496	-8.9310	-0.32081	-22.232	156.17E-6
	41.00000	21.00000	-8.50000	-33.621	-8.9310	-0.097371	-13.883	102.27E-6
	42.00000	21.00000	-8.50000	-29.735	-8.9310	-0.041114	-9.7100	72.778E-6
	43.00000	21.00000	-8.50000	-26.528	-8.9310	-0.020868	-7.2428	54.738E-6
	44.00000	21.00000	-8.50000	-23.822	-8.9310	-0.011903	-5.6331	42.772E-6
	45.00000	21.00000	-8.50000	-21.503	-8.9310	-0.0073569	-4.5128	34.366E-6
	46.00000	21.00000	-8.50000	-19.493	-8.9310	-0.0048221	-3.6966	28.206E-6
	47.00000	21.00000	-8.50000	-17.733	-8.9310	-0.0033056	-3.0814	23.545E-6
	48.00000	21.00000	-8.50000	-16.181	-8.9310	-0.0023476	-2.6051	19.926E-6
	49.00000	21.00000	-8.50000	-14.804	-8.9310	-0.0017158	-2.2285	17.059E-6
	50.00000	21.00000	-8.50000	-13.575	-8.9310	-0.0012843	-1.9254	14.748E-6
	51.00000	21.00000	-8.50000	-12.473	-8.9310	-980.87E-6	-1.6778	12.858E-6
	52.00000	21.00000	-8.50000	-11.481	-8.9310	-762.14E-6	-1.4731	11.294E-6
	53.00000	21.00000	-8.50000	-10.585	-8.9310	-601.11E-6	-1.3019	9.9844E-6
	54.00000	21.00000	-8.50000	-9.7735	-8.9310	-480.37E-6	-1.1574	8.8786E-6
	55.00000	21.00000	-8.50000	-9.0357	-8.9310	-388.37E-6	-1.0343	7.9367E-6
	56.00000	21.00000	-8.50000	-8.3634	-8.9310	-317.26E-6	-0.92881	7.1284E-6
	57.00000	21.00000	-8.50000	-7.7494	-8.9310	-261.59E-6	-0.83767	6.4301E-6
	58.00000	21.00000	-8.50000	-7.1875	-8.9310	-217.52E-6	-0.75848	5.8231E-6
	59.00000	21.00000	-8.50000	-6.6723	-8.9310	-182.26E-6	-0.68929	5.2926E-6
	60.00000	21.00000	-8.50000	-6.1991	-8.9310	-153.79E-6	-0.62852	4.8265E-6
	-20.00000	22.00000	-8.50000	-6.2869	-8.9310	-174.97E-6	-0.65217	5.0074E-6
	-19.00000	22.00000	-8.50000	-6.7739	-8.9310	-210.18E-6	-0.71823	5.5139E-6
	-18.00000	22.00000	-8.50000	-7.3058	-8.9310	-254.75E-6	-0.79418	6.0959E-6
	-17.00000	22.00000	-8.50000	-7.8879	-8.9310	-311.88E-6	-0.88206	6.7691E-6
	-16.00000	22.00000	-8.50000	-8.5266	-8.9310	-386.13E-6	-0.98450	7.5535E-6
	-15.00000	22.00000	-8.50000	-9.2292	-8.9310	-484.14E-6	-1.1049	8.4748E-6
	-14.00000	22.00000	-8.50000	-10.005	-8.9310	-615.84E-6	-1.2477	9.5671E-6
	-13.00000	22.00000	-8.50000	-10.863	-8.9310	-796.43E-6	-1.4189	10.876E-6
	-12.00000	22.00000	-8.50000	-11.818	-8.9310	-0.0010498	-1.6268	12.462E-6
	-11.00000	22.00000	-8.50000	-12.885	-8.9310	-0.0014152	-1.8826	14.413E-6
	-10.00000	22.00000	-8.50000	-14.084	-8.9310	-0.0019587	-2.2028	16.851E-6
	-9.00000	22.00000	-8.50000	-15.439	-8.9310	-0.0027983	-2.6117	19.956E-6
	-8.00000	22.00000	-8.50000	-16.983	-8.9310	-0.0041552	-3.1463	24.005E-6
	-7.00000	22.00000	-8.50000	-18.757	-8.9310	-0.0064741	-3.8662	29.435E-6
	-6.00000	22.00000	-8.50000	-20.819	-8.9310	-0.010729	-4.8722	36.975E-6
	-5.00000	22.00000	-8.50000	-23.249	-8.9310	-0.019306	-6.3476	47.926E-6
	-4.00000	22.00000	-8.50000	-26.165	-8.9310	-0.039045	-8.6599	64.797E-6
	-3.00000	22.00000	-8.50000	-29.750	-8.9310	-0.094663	-12.659	92.985E-6
	-2.00000	22.00000	-8.50000	-34.322	-8.9310	-0.31734	-20.821	145.48E-6
	-1.00000	22.00000	-8.50000	-40.550	-8.9310	-2.2084	-44.270	238.56E-6
	0.00000	22.00000	-8.50000	-51.793	-8.9310	-79.994	-186.19	-0.0022593
	1.00000	22.00000	-8.50000	-63.057	-8.9310	-157.78	-328.13	-0.0047569
	2.00000	22.00000	-8.50000	-69.347	-8.9310	-159.67	-351.65	-0.0046634
	3.00000	22.00000	-8.50000	-74.011	-8.9310	-159.89	-359.91	-0.0046101
	4.00000	22.00000	-8.50000	-77.706	-8.9310	-159.95	-364.02	-0.0045811
	5.00000	22.00000	-8.50000	-80.738	-8.9310	-159.97	-366.45	-0.0045633
	6.00000	22.00000	-8.50000	-83.280	-8.9310	-159.98	-368.04	-0.0045515
	7.00000	22.00000	-8.50000	-85.441	-8.9310	-159.98	-369.15	-0.0045432
	8.00000	22.00000	-8.50000	-87.296	-8.9310	-159.99	-369.95	-0.0045371
	9.00000	22.00000	-8.50000	-88.897	-8.9310	-159.99	-370.56	-0.0045325
	10.00000	22.00000	-8.50000	-90.286	-8.9310	-159.99	-371.04	-0.0045289
	11.00000	22.00000	-8.50000	-91.493	-8.9310	-159.99	-371.41	-0.0045261
	12.00000	22.00000	-8.50000	-92.542	-8.9310	-159.99	-371.71	-0.0045238
	13.00000	22.00000	-8.50000	-93.451	-8.9310	-159.99	-371.96	-0.0045219
	14.00000	22.00000	-8.50000	-94.237	-8.9310	-159.99	-372.17	-0.0045203
	15.00000	22.00000	-8.50000	-94.911	-8.9310	-159.99	-372.35	-0.0045189
	16.00000	22.00000	-8.50000	-95.482	-8.9310	-159.99	-372.51	-0.0045177
	17.00000	22.00000	-8.50000	-95.957	-8.9310	-159.99	-372.65	-0.0045166
	18.00000	22.00000	-8.50000	-96.340	-8.9310	-159.99	-372.78	-0.0045157
	19.00000	22.00000	-8.50000	-96.632	-8.9310	-159.99	-372.90	-0.0045148
	20.00000	22.00000	-8.50000	-96.832	-8.9310	-159.99	-373.00	-0.0045140
	21.00000	22.00000	-8.50000	-96.934	-8.9310	-159.99	-373.10	-0.0045133
	22.00000	22.00000	-8.50000	-96.930	-8.9310	-159.99	-373.17	-0.0045127
	23.00000	22.00000	-8.50000	-96.810	-8.9310	-159.99	-373.21	-0.0045124
	24.00000	22.00000	-8.50000	-96.560	-8.9310	-159.99	-373.22	-0.0045124
	25.00000	22.00000	-8.50000	-96.166	-8.9310	-159.99	-373.17	-0.0045128
	26.00000	22.00000	-8.50000	-95.613	-8.9310	-159.99	-373.07	-0.0045136
	27.00000	22.00000	-8.50000	-94.884	-8.9310	-159.99	-372.89	-0.0045149
	28.00000	22.00000	-8.50000	-93.958	-8.9310	-159.99	-372.62	-0.0045170
	29.00000	22.00000	-8.50000	-92.810	-8.9310	-159.99	-372.23	-0.0045199
	30.00000	22.00000	-8.50000	-91.411	-8.9310	-159.99	-371.70	-0.0045240
	31.00000	22.00000	-8.50000	-89.719	-8.9310	-159.99	-370.95	-0.0045296
	32.00000	22.00000	-8.50000	-87.680	-8.9310	-159.98	-369.89	-0.0045376
	33.00000	22.00000	-8.50000	-85.215	-8.9310	-159.98	-368.33	-0.0045491
	34.00000	22.00000	-8.50000	-82.214	-8.9310	-159.96	-365.91	-0.0045668
	35.00000	22.00000	-8.50000	-78.499	-8.9310	-159.90	-361.77	-0.0045960
	36.00000	22.00000	-8.50000	-73.761	-8.9310	-159.68	-353.46	-0.0046497
	37.00000	22.00000	-8.50000	-67.344	-8.9310	-157.78	-329.85	-0.0047439
	38.00000	22.00000	-8.50000	-55.904	-8.9310	-79.998	-187.78	-0.0022473
	39.00000	22.00000	-8.50000	-44.445	-8.9310	-2.2124	-45.706	249.42E-6
	40.00000	22.00000	-8.50000	-37.976	-8.9310	-0.32058

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-18.00000	23.00000	-8.50000	-7.2071	-8.9310	-249.12E-6	-0.78166	5.9999E-6
	-17.00000	23.00000	-8.50000	-7.7780	-8.9310	-304.84E-6	-0.86755	6.6578E-6
	-16.00000	23.00000	-8.50000	-8.4040	-8.9310	-377.28E-6	-0.96760	7.4240E-6
	-15.00000	23.00000	-8.50000	-9.0922	-8.9310	-472.93E-6	-1.0851	8.3234E-6
	-14.00000	23.00000	-8.50000	-9.8512	-8.9310	-601.51E-6	-1.2245	9.3893E-6
	-13.00000	23.00000	-8.50000	-10.691	-8.9310	-777.94E-6	-1.3915	10.666E-6
	-12.00000	23.00000	-8.50000	-11.625	-8.9310	-0.0010258	-1.5942	12.213E-6
	-11.00000	23.00000	-8.50000	-12.667	-8.9310	-0.0013835	-1.8438	14.116E-6
	-10.00000	23.00000	-8.50000	-13.838	-8.9310	-0.0019165	-2.1562	16.494E-6
	-9.00000	23.00000	-8.50000	-15.160	-8.9310	-0.0027414	-2.5554	19.526E-6
	-8.00000	23.00000	-8.50000	-16.666	-8.9310	-0.0040776	-3.0779	23.482E-6
	-7.00000	23.00000	-8.50000	-18.397	-8.9310	-0.0063669	-3.7824	28.795E-6
	-6.00000	23.00000	-8.50000	-20.409	-8.9310	-0.010579	-4.7690	36.188E-6
	-5.00000	23.00000	-8.50000	-22.781	-8.9310	-0.019093	-6.2195	46.950E-6
	-4.00000	23.00000	-8.50000	-25.630	-8.9310	-0.038739	-8.5001	63.582E-6
	-3.00000	23.00000	-8.50000	-29.138	-8.9310	-0.094220	-12.459	91.466E-6
	-2.00000	23.00000	-8.50000	-33.622	-8.9310	-0.31670	-20.569	143.58E-6
	-1.00000	23.00000	-8.50000	-39.751	-8.9310	-2.2074	-43.955	236.18E-6
	0.00000	23.00000	-8.50000	-50.885	-8.9310	-79.992	-185.80	-0.0022622
	1.00000	23.00000	-8.50000	-62.033	-8.9310	-157.78	-327.65	-0.0047605
	2.00000	23.00000	-8.50000	-68.201	-8.9310	-159.67	-351.08	-0.0046676
	3.00000	23.00000	-8.50000	-72.745	-8.9310	-159.89	-359.25	-0.0046151
	4.00000	23.00000	-8.50000	-76.324	-8.9310	-159.95	-363.28	-0.0045867
	5.00000	23.00000	-8.50000	-79.250	-8.9310	-159.97	-365.63	-0.0045695
	6.00000	23.00000	-8.50000	-81.696	-8.9310	-159.98	-367.16	-0.0045581
	7.00000	23.00000	-8.50000	-83.774	-8.9310	-159.98	-368.21	-0.0045502
	8.00000	23.00000	-8.50000	-85.558	-8.9310	-159.98	-368.98	-0.0045444
	9.00000	23.00000	-8.50000	-87.100	-8.9310	-159.98	-369.56	-0.0045400
	10.00000	23.00000	-8.50000	-88.440	-8.9310	-159.99	-370.01	-0.0045366
	11.00000	23.00000	-8.50000	-89.608	-8.9310	-159.99	-370.37	-0.0045339
	12.00000	23.00000	-8.50000	-90.628	-8.9310	-159.99	-370.66	-0.0045317
	13.00000	23.00000	-8.50000	-91.517	-8.9310	-159.99	-370.91	-0.0045298
	14.00000	23.00000	-8.50000	-92.291	-8.9310	-159.99	-371.12	-0.0045282
	15.00000	23.00000	-8.50000	-92.963	-8.9310	-159.99	-371.30	-0.0045268
	16.00000	23.00000	-8.50000	-93.540	-8.9310	-159.99	-371.47	-0.0045255
	17.00000	23.00000	-8.50000	-94.032	-8.9310	-159.99	-371.63	-0.0045243
	18.00000	23.00000	-8.50000	-94.443	-8.9310	-159.99	-371.79	-0.0045231
	19.00000	23.00000	-8.50000	-94.773	-8.9310	-159.99	-371.94	-0.0045219
	20.00000	23.00000	-8.50000	-95.021	-8.9310	-159.99	-372.10	-0.0045208
	21.00000	23.00000	-8.50000	-95.180	-8.9310	-159.99	-372.25	-0.0045196
	22.00000	23.00000	-8.50000	-95.239	-8.9310	-159.99	-372.39	-0.0045186
	23.00000	23.00000	-8.50000	-95.185	-8.9310	-159.99	-372.50	-0.0045178
	24.00000	23.00000	-8.50000	-95.002	-8.9310	-159.99	-372.56	-0.0045173
	25.00000	23.00000	-8.50000	-94.672	-8.9310	-159.99	-372.57	-0.0045173
	26.00000	23.00000	-8.50000	-94.179	-8.9310	-159.99	-372.51	-0.0045178
	27.00000	23.00000	-8.50000	-93.506	-8.9310	-159.99	-372.37	-0.0045189
	28.00000	23.00000	-8.50000	-92.633	-8.9310	-159.99	-372.13	-0.0045207
	29.00000	23.00000	-8.50000	-91.537	-8.9310	-159.99	-371.77	-0.0045234
	30.00000	23.00000	-8.50000	-90.189	-8.9310	-159.99	-371.26	-0.0045273
	31.00000	23.00000	-8.50000	-88.548	-8.9310	-159.99	-370.53	-0.0045328
	32.00000	23.00000	-8.50000	-86.562	-8.9310	-159.98	-369.49	-0.0045406
	33.00000	23.00000	-8.50000	-84.152	-8.9310	-159.98	-367.95	-0.0045520
	34.00000	23.00000	-8.50000	-81.209	-8.9310	-159.96	-365.55	-0.0045695
	35.00000	23.00000	-8.50000	-77.554	-8.9310	-159.90	-361.45	-0.0045985
	36.00000	23.00000	-8.50000	-72.879	-8.9310	-159.68	-353.16	-0.0046520
	37.00000	23.00000	-8.50000	-66.526	-8.9310	-157.78	-329.58	-0.0047460
	38.00000	23.00000	-8.50000	-55.151	-8.9310	-79.998	-187.54	-0.0022491
	39.00000	23.00000	-8.50000	-43.758	-8.9310	-2.2119	-45.492	247.79E-6
	40.00000	23.00000	-8.50000	-37.351	-8.9310	-0.32024	-21.901	153.66E-6
	41.00000	23.00000	-8.50000	-32.584	-8.9310	-0.096912	-13.597	100.10E-6
	42.00000	23.00000	-8.50000	-28.800	-8.9310	-0.040749	-9.4650	70.910E-6
	43.00000	23.00000	-8.50000	-25.688	-8.9310	-0.020581	-7.0339	53.145E-6
	44.00000	23.00000	-8.50000	-23.070	-8.9310	-0.011679	-5.4559	41.420E-6
	45.00000	23.00000	-8.50000	-20.830	-8.9310	-0.0071830	-4.3628	33.221E-6
	46.00000	23.00000	-8.50000	-18.891	-8.9310	-0.0046874	-3.5698	27.237E-6
	47.00000	23.00000	-8.50000	-17.196	-8.9310	-0.0032012	-2.9742	22.725E-6
	48.00000	23.00000	-8.50000	-15.701	-8.9310	-0.0022666	-2.5144	19.232E-6
	49.00000	23.00000	-8.50000	-14.375	-8.9310	-0.0016528	-2.1513	16.470E-6
	50.00000	23.00000	-8.50000	-13.192	-8.9310	-0.0012351	-1.8600	14.247E-6
	51.00000	23.00000	-8.50000	-12.130	-8.9310	-942.19E-6	-1.6221	12.432E-6
	52.00000	23.00000	-8.50000	-11.174	-8.9310	-731.62E-6	-1.4255	10.929E-6
	53.00000	23.00000	-8.50000	-10.310	-8.9310	-576.91E-6	-1.2611	9.6720E-6
	54.00000	23.00000	-8.50000	-9.5265	-8.9310	-461.08E-6	-1.1223	8.6100E-6
	55.00000	23.00000	-8.50000	-8.8137	-8.9310	-372.91E-6	-1.0041	7.7050E-6
	56.00000	23.00000	-8.50000	-8.1637	-8.9310	-304.80E-6	-0.90267	6.9279E-6
	57.00000	23.00000	-8.50000	-7.5695	-8.9310	-251.51E-6	-0.81499	6.2561E-6
	58.00000	23.00000	-8.50000	-7.0252	-8.9310	-209.31E-6	-0.73874	5.6717E-6
	59.00000	23.00000	-8.50000	-6.5258	-8.9310	-175.55E-6	-0.67205	5.1603E-6
	60.00000	23.00000	-8.50000	-6.0666	-8.9310	-148.28E-6	-0.61343	4.7107E-6
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	-19.00000	24.00000	-8.50000	-6.5846	-8.9310	-200.19E-6	-0.69493	5.3351E-6
	-18.00000	24.00000	-8.50000	-7.0952	-8.9310	-242.30E-6	-0.76722	5.8892E-6
	-17.00000	24.00000	-8.50000	-7.6532	-8.9310	-296.22E-6	-0.85074	6.5290E-6
	-16.00000	24.00000	-8.50000	-8.2645	-8.9310	-366.27E-6	-0.94793	7.2732E-6
	-15.00000	24.00000	-8.50000	-8.9360	-8.9310	-458.72E-6	-1.0620	8.1461E-6
	-14.00000	24.00000	-8.50000	-9.6758	-8.9310	-582.94E-6	-1.1971	9.1793E-6
	-13.00000	24.00000	-8.50000	-10.494	-8.9310	-753.34E-6	-1.3589	10.416E-6
	-12.00000	24.00000	-8.50000	-11.402	-8.9310	-992.67E-6	-1.5550	11.913E-6
	-11.00000	24.00000	-8.50000	-12.415	-8.9310	-0.0013382	-1.7963	13.752E-6
	-10.00000	24.00000	-8.50000	-13.552	-8.9310	-0.0018533	-2.0981	16.050E-6
	-9.00000	24.00000	-8.50000	-14.834	-8.9310	-0.0026513	-2.4836	18.978E-6
	-8.00000	24.00000	-8.50000	-16.293	-8.9310	-0.0039459	-2.9882	22.798E-6
	-7.00000	24.00000	-8.50000	-17.969	-8.9310	-0.0061694	-3.6689	27.931E-6
	-6.00000	24.00000	-8.50000	-19.915	-8.9310	-0.010275	-4.6234	35.083E-6
	-5.00000	24.00000	-8.50000	-22.209	-8.9310	-0.018616	-6.0306	45.519E-6
	-4.00000	24.00000	-8.50000	-24.966	-8.9310	-0.037977	-8.2520	61.710E-6
	-3.00000	24.00000	-8.50000	-28.365	-8.9310	-0.093003	-12.131	89.004E-6
	-2.00000	24.00000	-8.50000	-32.723	-8.9310	-0.31479	-20.138	140.35E-6
	-1.00000	24.00000	-8.50000	-38.711	-8.9310	-2.2046	-43.396	232.02E-6
	0.00000	24.00000	-8.50000	-49.692	-8.9310	-79.988	-185.09	-0.0022675
	1.00000	24.00000	-8.50000	-60.681	-8.9310	-157.77	-326.80	-0.0047669
	2.00000	24.00000	-8.50000	-66.694	-8.9310	-159.66	-350.08	-0.0046750
	3.00000	24.00000	-8.50000	-71.091	-8.9310	-159.88	-358.12	-0.0046234
	4.00000	24.00000	-8.50000	-74.536	-8.9310	-159.94	-362.05	-0.0045958
	5.00000	24.00000	-8.50000	-77.342	-8.9310	-159.96	-364.32	-0.0045792
	6.00000	24.00000	-8.50000	-79.685	-8.9310	-159.97	-365.78	-0.0045684
	7.00000	24.00000	-8.50000	-81.673	-8.9310	-159.97	-366.78	-0.0045608
	8.00000	24.00000	-8.50000	-83.381	-8.9310	-159.97	-367.51	-0.0045554
	9.00000	24.00000	-8.50000	-84.860	-8.9310	-159.98	-368.06	-0.0045512
	10.00000	24.00000	-8.50000	-86.149	-8.9310	-159.98	-368.49	-0.0045479
	11.00000	24.00000	-8.50000	-87.276	-8.9310	-159.98	-368.83	-0.0045453
	12.00000	24.00000	-8.50000	-88.265	-8.9310	-159.98	-369.11	-0.0045432
	13.00000	24.00000	-8.50000	-89.133	-8.9310	-159.98	-369.35	-0.0045413
	14.00000	24.00000	-8.50000	-89.896	-8.9310	-159.98	-369.56	-0.0045397
	15.00000	24.00000	-8.50000	-90.565	-8.9310	-159.98	-369.76	-0.0045383
	16.00000	24.00000	-8.50000	-91.153	-8.9310	-159.98	-369.94	-0.0045369
	17.00000	24.00000	-8.50000	-91.666	-8.9310	-159.98	-370.13	-0.0045355
	18.00000	24.00000	-8.50000	-92.112	-8.9310	-159.98	-370.32	-0.0045340
	19.00000	24.00000	-8.50000	-92.492	-8.9310	-159.98	-370.54	-0.0045324
	20.00000	24.00000	-8.50000	-92.805	-8.9310	-159.98	-370.78	-0.0045306
	21.00000	24.00000	-8.50000	-93.042	-8.9310	-159.98	-371.03	-0.0045287
	22.00000	24.00000	-8.50000	-93.189	-8.9310	-159.99	-371.28	-0.0045269
	23.00000	24.00000	-8.50000	-93.226	-8.9310	-159.99	-371.51	-0.0045252
	24.00000	24.00000	-8.50000	-93.131	-8.9310	-159.99	-371.68	-0.0045240
	25.00000	24.00000	-8.50000	-92.884	-8.9310	-159.99	-371.77	-0.0045233
	26.00000	24.00000	-8.50000	-92.465	-8.9310	-159.99	-371.78	-0.0045233
	27.00000	24.00000	-8.50000	-91.860	-8.9310	-159.99	-371.69	-0.0045240
	28.00000	24.00000	-8.50000	-91.049	-8.9310	-159.99	-371.49	-0.0045256
	29.00000	24.00000	-8.50000	-90.013	-8.9310	-159.99	-371.16	-0.0045281
	30.00000	24.00000	-8.50000	-88.724	-8.9310	-159.99	-370.67	-0.0045317
	31.00000	24.00000	-8.50000	-87.143	-8.9310	-159.99	-369.97	-0.0045370
	32.00000	24.00000	-8.50000	-85.218	-8.9310	-159.98	-368.96	-0.0045446
	33.00000	24.00000	-8.50000	-82.874	-8.9310	-159.97	-367.45	-0.0045558
	34.00000	24.00000	-8.50000	-80.000	-8.9310	-159.95	-365.08	-0.0045731
	35.00000	24.00000	-8.50000	-76.418	-8.9310	-159.90	-361.01	-0.0046018
	36.00000	24.00000	-8.50000	-71.820	-8.9310	-159.67	-352.76	-0.0046550
	37.00000	24.00000	-8.50000	-65.548	-8.9310	-157.78	-329.22	-0.0047488
	38.00000	24.00000	-8.50000	-54.254	-8.9310	-79.997	-187.22	-0.0022515
	39.00000	24.00000	-8.50000	-42.941	-8.9310	-2.2113	-45.214	245.68E-6
	40.00000	24.00000	-8.50000	-36.613	-8.9310	-0.31973	-21.663	151.84E-6
	41.00000	24.00000	-8.50000	-31.921	-8.9310	-0.096515	-13.395	98.559E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	42.00000	24.00000	-8.50000	-28.207	-8.9310	-0.040445	-9.2948	69.615E-6
	43.00000	24.00000	-8.50000	-25.159	-8.9310	-0.020351	-6.8917	52.061E-6
	44.00000	24.00000	-8.50000	-22.598	-8.9310	-0.011506	-5.3373	40.516E-6
	45.00000	24.00000	-8.50000	-20.411	-8.9310	-0.0070538	-4.2641	32.467E-6
	46.00000	24.00000	-8.50000	-18.518	-8.9310	-0.0045904	-3.4875	26.609E-6
	47.00000	24.00000	-8.50000	-16.864	-8.9310	-0.0031281	-2.9054	22.200E-6
	48.00000	24.00000	-8.50000	-15.406	-8.9310	-0.0022112	-2.4568	18.792E-6
	49.00000	24.00000	-8.50000	-14.112	-8.9310	-0.0016106	-2.1031	16.100E-6
	50.00000	24.00000	-8.50000	-12.957	-8.9310	-0.0012026	-1.8192	13.935E-6
	51.00000	24.00000	-8.50000	-11.921	-8.9310	-917.10E-6	-1.5875	12.167E-6
	52.00000	24.00000	-8.50000	-10.987	-8.9310	-712.07E-6	-1.3961	10.704E-6
	53.00000	24.00000	-8.50000	-10.143	-8.9310	-561.56E-6	-1.2360	9.4796E-6
	54.00000	24.00000	-8.50000	-9.3761	-8.9310	-448.95E-6	-1.1008	8.4451E-6
	55.00000	24.00000	-8.50000	-8.6787	-8.9310	-363.25E-6	-0.98562	7.5631E-6
	56.00000	24.00000	-8.50000	-8.0422	-8.9310	-297.07E-6	-0.88670	6.8054E-6
	57.00000	24.00000	-8.50000	-7.4601	-8.9310	-245.28E-6	-0.80115	6.1500E-6
	58.00000	24.00000	-8.50000	-6.9266	-8.9310	-204.26E-6	-0.72671	5.5793E-6
	59.00000	24.00000	-8.50000	-6.4367	-8.9310	-171.43E-6	-0.66156	5.0798E-6
	60.00000	24.00000	-8.50000	-5.9860	-8.9310	-144.90E-6	-0.60424	4.6402E-6
	-20.00000	25.00000	-8.50000	-6.0158	-8.9310	-161.88E-6	-0.61984	4.7595E-6
	-19.00000	25.00000	-8.50000	-6.4728	-8.9310	-193.92E-6	-0.68096	5.2280E-6
	-18.00000	25.00000	-8.50000	-6.9707	-8.9310	-234.37E-6	-0.75099	5.7647E-6
	-17.00000	25.00000	-8.50000	-7.5143	-8.9310	-286.12E-6	-0.83179	6.3837E-6
	-16.00000	25.00000	-8.50000	-8.1092	-8.9310	-353.24E-6	-0.92567	7.1026E-6
	-15.00000	25.00000	-8.50000	-8.7618	-8.9310	-441.70E-6	-1.0357	7.9445E-6
	-14.00000	25.00000	-8.50000	-9.4801	-8.9310	-560.40E-6	-1.1658	8.9394E-6
	-13.00000	25.00000	-8.50000	-10.273	-8.9310	-722.98E-6	-1.3213	10.128E-6
	-12.00000	25.00000	-8.50000	-11.152	-8.9310	-951.02E-6	-1.5095	11.565E-6
	-11.00000	25.00000	-8.50000	-12.132	-8.9310	-0.0012798	-1.7405	13.326E-6
	-10.00000	25.00000	-8.50000	-13.228	-8.9310	-0.0017697	-2.0291	15.523E-6
	-9.00000	25.00000	-8.50000	-14.464	-8.9310	-0.0025281	-2.3971	18.318E-6
	-8.00000	25.00000	-8.50000	-15.867	-8.9310	-0.0037593	-2.8780	21.960E-6
	-7.00000	25.00000	-8.50000	-17.475	-8.9310	-0.0058775	-3.5263	26.848E-6
	-6.00000	25.00000	-8.50000	-19.341	-8.9310	-0.0098033	-4.4354	33.658E-6
	-5.00000	25.00000	-8.50000	-21.537	-8.9310	-0.017828	-5.7780	43.613E-6
	-4.00000	25.00000	-8.50000	-24.174	-8.9310	-0.036627	-7.9070	59.119E-6
	-3.00000	25.00000	-8.50000	-27.429	-8.9310	-0.090655	-11.654	85.442E-6
	-2.00000	25.00000	-8.50000	-31.615	-8.9310	-0.31076	-19.478	135.45E-6
	-1.00000	25.00000	-8.50000	-37.406	-8.9310	-2.1980	-42.497	225.40E-6
	0.00000	25.00000	-8.50000	-48.172	-8.9310	-79.979	-183.91	-0.0022761
	1.00000	25.00000	-8.50000	-58.943	-8.9310	-157.76	-325.34	-0.0047775
	2.00000	25.00000	-8.50000	-64.750	-8.9310	-159.65	-348.37	-0.0046874
	3.00000	25.00000	-8.50000	-68.960	-8.9310	-159.87	-356.22	-0.0046372
	4.00000	25.00000	-8.50000	-72.244	-8.9310	-159.92	-360.00	-0.0046107
	5.00000	25.00000	-8.50000	-74.912	-8.9310	-159.94	-362.16	-0.0045949
	6.00000	25.00000	-8.50000	-77.138	-8.9310	-159.95	-363.54	-0.0045847
	7.00000	25.00000	-8.50000	-79.028	-8.9310	-159.95	-364.49	-0.0045776
	8.00000	25.00000	-8.50000	-80.654	-8.9310	-159.95	-365.17	-0.0045724
	9.00000	25.00000	-8.50000	-82.066	-8.9310	-159.96	-365.69	-0.0045685
	10.00000	25.00000	-8.50000	-83.300	-8.9310	-159.96	-366.09	-0.0045654
	11.00000	25.00000	-8.50000	-84.384	-8.9310	-159.96	-366.42	-0.0045629
	12.00000	25.00000	-8.50000	-85.340	-8.9310	-159.96	-366.69	-0.0045608
	13.00000	25.00000	-8.50000	-86.186	-8.9310	-159.96	-366.93	-0.0045590
	14.00000	25.00000	-8.50000	-86.936	-8.9310	-159.96	-367.14	-0.0045574
	15.00000	25.00000	-8.50000	-87.606	-8.9310	-159.96	-367.34	-0.0045559
	16.00000	25.00000	-8.50000	-88.205	-8.9310	-159.96	-367.55	-0.0045543
	17.00000	25.00000	-8.50000	-88.745	-8.9310	-159.96	-367.77	-0.0045527
	18.00000	25.00000	-8.50000	-89.235	-8.9310	-159.96	-368.03	-0.0045507
	19.00000	25.00000	-8.50000	-89.681	-8.9310	-159.96	-368.34	-0.0045484
	20.00000	25.00000	-8.50000	-90.082	-8.9310	-159.97	-368.72	-0.0045457
	21.00000	25.00000	-8.50000	-90.431	-8.9310	-159.97	-369.16	-0.0045425
	22.00000	25.00000	-8.50000	-90.705	-8.9310	-159.97	-369.64	-0.0045390
	23.00000	25.00000	-8.50000	-90.872	-8.9310	-159.98	-370.09	-0.0045358
	24.00000	25.00000	-8.50000	-90.899	-8.9310	-159.98	-370.45	-0.0045332
	25.00000	25.00000	-8.50000	-90.759	-8.9310	-159.99	-370.69	-0.0045315
	26.00000	25.00000	-8.50000	-90.434	-8.9310	-159.99	-370.80	-0.0045307
	27.00000	25.00000	-8.50000	-89.908	-8.9310	-159.99	-370.77	-0.0045309
	28.00000	25.00000	-8.50000	-89.170	-8.9310	-159.99	-370.62	-0.0045321
	29.00000	25.00000	-8.50000	-88.202	-8.9310	-159.99	-370.34	-0.0045343
	30.00000	25.00000	-8.50000	-86.979	-8.9310	-159.99	-369.88	-0.0045377
	31.00000	25.00000	-8.50000	-85.466	-8.9310	-159.98	-369.21	-0.0045427
	32.00000	25.00000	-8.50000	-83.612	-8.9310	-159.98	-368.23	-0.0045501
	33.00000	25.00000	-8.50000	-81.345	-8.9310	-159.97	-366.76	-0.0045610
	34.00000	25.00000	-8.50000	-78.553	-8.9310	-159.95	-364.43	-0.0045780
	35.00000	25.00000	-8.50000	-75.061	-8.9310	-159.90	-360.41	-0.0046064
	36.00000	25.00000	-8.50000	-70.558	-8.9310	-159.67	-352.21	-0.0046591
	37.00000	25.00000	-8.50000	-64.385	-8.9310	-157.78	-328.73	-0.0047524
	38.00000	25.00000	-8.50000	-53.193	-8.9310	-79.996	-186.79	-0.0022547
	39.00000	25.00000	-8.50000	-41.981	-8.9310	-2.2103	-44.848	242.91E-6
	40.00000	25.00000	-8.50000	-35.751	-8.9310	-0.31893	-21.354	149.51E-6
	41.00000	25.00000	-8.50000	-31.152	-8.9310	-0.095917	-13.138	96.616E-6
	42.00000	25.00000	-8.50000	-27.524	-8.9310	-0.040006	-9.0835	68.011E-6
	43.00000	25.00000	-8.50000	-24.553	-8.9310	-0.020032	-6.7183	50.743E-6
	44.00000	25.00000	-8.50000	-22.062	-8.9310	-0.011275	-5.1952	39.434E-6
	45.00000	25.00000	-8.50000	-19.936	-8.9310	-0.0068858	-4.1474	31.578E-6
	46.00000	25.00000	-8.50000	-18.098	-8.9310	-0.0044678	-3.3915	25.876E-6
	47.00000	25.00000	-8.50000	-16.492	-8.9310	-0.0030379	-2.8260	21.593E-6
	48.00000	25.00000	-8.50000	-15.075	-8.9310	-0.0021442	-2.3908	18.287E-6
	49.00000	25.00000	-8.50000	-13.818	-8.9310	-0.0015603	-2.0481	15.679E-6
	50.00000	25.00000	-8.50000	-12.695	-8.9310	-0.0011645	-1.7729	13.581E-6
	51.00000	25.00000	-8.50000	-11.687	-8.9310	-887.95E-6	-1.5486	11.868E-6
	52.00000	25.00000	-8.50000	-10.779	-8.9310	-689.56E-6	-1.3631	10.451E-6
	53.00000	25.00000	-8.50000	-9.9560	-8.9310	-544.03E-6	-1.2079	9.2643E-6
	54.00000	25.00000	-8.50000	-9.2090	-8.9310	-435.17E-6	-1.0768	8.2609E-6
	55.00000	25.00000	-8.50000	-8.5286	-8.9310	-352.34E-6	-0.96498	7.4049E-6
	56.00000	25.00000	-8.50000	-7.9073	-8.9310	-288.37E-6	-0.86890	6.6690E-6
	57.00000	25.00000	-8.50000	-7.3386	-8.9310	-238.28E-6	-0.78575	6.0318E-6
	58.00000	25.00000	-8.50000	-6.8170	-8.9310	-198.61E-6	-0.71333	5.4767E-6
	59.00000	25.00000	-8.50000	-6.3377	-8.9310	-166.83E-6	-0.64989	4.9903E-6
	60.00000	25.00000	-8.50000	-5.8965	-8.9310	-141.14E-6	-0.59403	4.5619E-6
	-20.00000	26.00000	-8.50000	-5.9059	-8.9310	-156.28E-6	-0.60658	4.6577E-6
	-19.00000	26.00000	-8.50000	-6.3507	-8.9310	-186.88E-6	-0.66560	5.1102E-6
	-18.00000	26.00000	-8.50000	-6.8347	-8.9310	-225.45E-6	-0.73313	5.6278E-6
	-17.00000	26.00000	-8.50000	-7.3625	-8.9310	-274.68E-6	-0.81089	6.2235E-6
	-16.00000	26.00000	-8.50000	-7.9392	-8.9310	-338.40E-6	-0.90107	6.9141E-6
	-15.00000	26.00000	-8.50000	-8.5712	-8.9310	-422.16E-6	-1.0065	7.7210E-6
	-14.00000	26.00000	-8.50000	-9.2655	-8.9310	-534.26E-6	-1.1309	8.6724E-6
	-13.00000	26.00000	-8.50000	-10.031	-8.9310	-687.40E-6	-1.2792	9.8060E-6
	-12.00000	26.00000	-8.50000	-10.878	-8.9310	-901.60E-6	-1.4582	11.173E-6
	-11.00000	26.00000	-8.50000	-11.819	-8.9310	-0.0012096	-1.6774	12.844E-6
	-10.00000	26.00000	-8.50000	-12.871	-8.9310	-0.0016671	-1.9503	14.922E-6
	-9.00000	26.00000	-8.50000	-14.053	-8.9310	-0.0023738	-2.2970	17.556E-6
	-8.00000	26.00000	-8.50000	-15.392	-8.9310	-0.0035190	-2.7488	20.977E-6
	-7.00000	26.00000	-8.50000	-16.923	-8.9310	-0.0054885	-3.3560	25.556E-6
	-6.00000	26.00000	-8.50000	-18.692	-8.9310	-0.0091450	-4.2056	31.921E-6
	-5.00000	26.00000	-8.50000	-20.770	-8.9310	-0.016659	-5.4596	41.218E-6
	-4.00000	26.00000	-8.50000

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	21.00000	26.00000	-8.50000	-87.202	-8.9310	-159.93	-365.99	-0.0045649
	22.00000	26.00000	-8.50000	-87.671	-8.9310	-159.94	-366.97	-0.0045581
	23.00000	26.00000	-8.50000	-88.037	-8.9310	-159.96	-367.93	-0.0045515
	24.00000	26.00000	-8.50000	-88.241	-8.9310	-159.97	-368.69	-0.0045462
	25.00000	26.00000	-8.50000	-88.245	-8.9310	-159.98	-369.19	-0.0045426
	26.00000	26.00000	-8.50000	-88.034	-8.9310	-159.98	-369.46	-0.0045407
	27.00000	26.00000	-8.50000	-87.603	-8.9310	-159.98	-369.53	-0.0045402
	28.00000	26.00000	-8.50000	-86.946	-8.9310	-159.98	-369.45	-0.0045409
	29.00000	26.00000	-8.50000	-86.053	-8.9310	-159.98	-369.21	-0.0045427
	30.00000	26.00000	-8.50000	-84.903	-8.9310	-159.98	-368.79	-0.0045459
	31.00000	26.00000	-8.50000	-83.466	-8.9310	-159.98	-368.16	-0.0045506
	32.00000	26.00000	-8.50000	-81.694	-8.9310	-159.98	-367.22	-0.0045577
	33.00000	26.00000	-8.50000	-79.515	-8.9310	-159.97	-365.79	-0.0045683
	34.00000	26.00000	-8.50000	-76.822	-8.9310	-159.95	-363.52	-0.0045848
	35.00000	26.00000	-8.50000	-73.437	-8.9310	-159.89	-359.56	-0.0046127
	36.00000	26.00000	-8.50000	-69.052	-8.9310	-159.67	-351.44	-0.0046649
	37.00000	26.00000	-8.50000	-63.004	-8.9310	-157.78	-328.05	-0.0047575
	38.00000	26.00000	-8.50000	-51.942	-8.9310	-79.994	-186.20	-0.0022591
	39.00000	26.00000	-8.50000	-40.859	-8.9310	-2.2085	-44.357	239.22E-6
	40.00000	26.00000	-8.50000	-34.753	-8.9310	-0.31763	-20.951	146.47E-6
	41.00000	26.00000	-8.50000	-30.270	-8.9310	-0.094988	-12.812	94.149E-6
	42.00000	26.00000	-8.50000	-26.746	-8.9310	-0.039358	-8.8214	66.025E-6
	43.00000	26.00000	-8.50000	-23.869	-8.9310	-0.019584	-6.5082	49.148E-6
	44.00000	26.00000	-8.50000	-21.461	-8.9310	-0.010964	-5.0264	38.150E-6
	45.00000	26.00000	-8.50000	-19.407	-8.9310	-0.0066688	-4.0112	30.541E-6
	46.00000	26.00000	-8.50000	-17.632	-8.9310	-0.0043144	-3.2809	25.032E-6
	47.00000	26.00000	-8.50000	-16.080	-8.9310	-0.0029279	-2.7356	20.903E-6
	48.00000	26.00000	-8.50000	-14.711	-8.9310	-0.0020642	-2.3164	17.719E-6
	49.00000	26.00000	-8.50000	-13.495	-8.9310	-0.0015013	-1.9864	15.207E-6
	50.00000	26.00000	-8.50000	-12.408	-8.9310	-0.0011205	-1.7215	13.187E-6
	51.00000	26.00000	-8.50000	-11.432	-8.9310	-854.64E-6	-1.5054	11.538E-6
	52.00000	26.00000	-8.50000	-10.550	-8.9310	-664.08E-6	-1.3266	10.172E-6
	53.00000	26.00000	-8.50000	-9.7518	-8.9310	-524.33E-6	-1.1770	9.0272E-6
	54.00000	26.00000	-8.50000	-9.0260	-8.9310	-419.79E-6	-1.0504	8.0585E-6
	55.00000	26.00000	-8.50000	-8.3644	-8.9310	-340.22E-6	-0.94234	7.2314E-6
	56.00000	26.00000	-8.50000	-7.7597	-8.9310	-278.74E-6	-0.84940	6.5195E-6
	57.00000	26.00000	-8.50000	-7.2057	-8.9310	-230.57E-6	-0.76889	5.9025E-6
	58.00000	26.00000	-8.50000	-6.6971	-8.9310	-192.39E-6	-0.69869	5.3644E-6
	59.00000	26.00000	-8.50000	-6.2294	-8.9310	-161.78E-6	-0.63713	4.8924E-6
	60.00000	26.00000	-8.50000	-5.7986	-8.9310	-137.01E-6	-0.58287	4.4762E-6
	-20.00000	27.00000	-8.50000	-5.7875	-8.9310	-150.17E-6	-0.59225	4.5477E-6
	-19.00000	27.00000	-8.50000	-6.2191	-8.9310	-179.19E-6	-0.64901	4.9829E-6
	-18.00000	27.00000	-8.50000	-6.6881	-8.9310	-215.68E-6	-0.71381	5.4796E-6
	-17.00000	27.00000	-8.50000	-7.1989	-8.9310	-262.10E-6	-0.78827	6.0501E-6
	-16.00000	27.00000	-8.50000	-7.7561	-8.9310	-321.99E-6	-0.87439	6.7097E-6
	-15.00000	27.00000	-8.50000	-8.3656	-8.9310	-400.46E-6	-0.97481	7.4783E-6
	-14.00000	27.00000	-8.50000	-9.0340	-8.9310	-505.08E-6	-1.0929	8.3818E-6
	-13.00000	27.00000	-8.50000	-9.7694	-8.9310	-647.40E-6	-1.2333	9.4548E-6
	-12.00000	27.00000	-8.50000	-10.581	-8.9310	-845.57E-6	-1.4021	10.744E-6
	-11.00000	27.00000	-8.50000	-11.481	-8.9310	-0.0011291	-1.6079	12.313E-6
	-10.00000	27.00000	-8.50000	-12.484	-8.9310	-0.0015482	-1.8629	14.255E-6
	-9.00000	27.00000	-8.50000	-13.607	-8.9310	-0.0021921	-2.1854	16.705E-6
	-8.00000	27.00000	-8.50000	-14.875	-8.9310	-0.0032299	-2.6031	19.870E-6
	-7.00000	27.00000	-8.50000	-16.318	-8.9310	-0.0050062	-3.1612	24.081E-6
	-6.00000	27.00000	-8.50000	-17.978	-8.9310	-0.0082930	-3.9374	29.898E-6
	-5.00000	27.00000	-8.50000	-19.918	-8.9310	-0.015044	-5.0766	38.347E-6
	-4.00000	27.00000	-8.50000	-22.228	-8.9310	-0.031108	-6.8814	51.486E-6
	-3.00000	27.00000	-8.50000	-25.062	-8.9310	-0.078773	-10.090	73.962E-6
	-2.00000	27.00000	-8.50000	-28.704	-8.9310	-0.28302	-16.992	117.62E-6
	-1.00000	27.00000	-8.50000	-33.808	-8.9310	-2.1313	-38.467	197.49E-6
	0.00000	27.00000	-8.50000	-43.773	-8.9310	-79.839	-177.69	-0.0023175
	1.00000	27.00000	-8.50000	-53.739	-8.9310	-157.55	-316.91	-0.0048325
	2.00000	27.00000	-8.50000	-58.848	-8.9310	-159.39	-338.39	-0.0047526
	3.00000	27.00000	-8.50000	-62.499	-8.9310	-159.60	-345.30	-0.0047088
	4.00000	27.00000	-8.50000	-65.342	-8.9310	-159.65	-348.53	-0.0046862
	5.00000	27.00000	-8.50000	-67.661	-8.9310	-159.66	-350.35	-0.0046730
	6.00000	27.00000	-8.50000	-69.608	-8.9310	-159.67	-351.51	-0.0046643
	7.00000	27.00000	-8.50000	-71.273	-8.9310	-159.67	-352.31	-0.0046584
	8.00000	27.00000	-8.50000	-72.716	-8.9310	-159.67	-352.89	-0.0046540
	9.00000	27.00000	-8.50000	-73.979	-8.9310	-159.68	-353.34	-0.0046506
	10.00000	27.00000	-8.50000	-75.093	-8.9310	-159.68	-353.69	-0.0046479
	11.00000	27.00000	-8.50000	-76.083	-8.9310	-159.68	-353.98	-0.0046457
	12.00000	27.00000	-8.50000	-76.967	-8.9310	-159.68	-354.23	-0.0046438
	13.00000	27.00000	-8.50000	-77.762	-8.9310	-159.68	-354.46	-0.0046420
	14.00000	27.00000	-8.50000	-78.486	-8.9310	-159.68	-354.68	-0.0046404
	15.00000	27.00000	-8.50000	-79.152	-8.9310	-159.68	-354.91	-0.0046386
	16.00000	27.00000	-8.50000	-79.779	-8.9310	-159.68	-355.17	-0.0046367
	17.00000	27.00000	-8.50000	-80.384	-8.9310	-159.68	-355.50	-0.0046342
	18.00000	27.00000	-8.50000	-80.992	-8.9310	-159.68	-355.96	-0.0046308
	19.00000	27.00000	-8.50000	-81.629	-8.9310	-159.69	-356.66	-0.0046258
	20.00000	27.00000	-8.50000	-82.325	-8.9310	-159.71	-357.77	-0.0046181
	21.00000	27.00000	-8.50000	-83.095	-8.9310	-159.75	-359.53	-0.0046064
	22.00000	27.00000	-8.50000	-83.898	-8.9310	-159.83	-361.97	-0.0045912
	23.00000	27.00000	-8.50000	-84.602	-8.9310	-159.90	-364.38	-0.0045762
	24.00000	27.00000	-8.50000	-85.076	-8.9310	-159.95	-366.08	-0.0045651
	25.00000	27.00000	-8.50000	-85.274	-8.9310	-159.96	-367.06	-0.0045583
	26.00000	27.00000	-8.50000	-85.201	-8.9310	-159.97	-367.57	-0.0045547
	27.00000	27.00000	-8.50000	-84.876	-8.9310	-159.97	-367.78	-0.0045532
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	29.00000	27.00000	-8.50000	-83.493	-8.9310	-159.97	-367.59	-0.0045548
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	31.00000	27.00000	-8.50000	-81.070	-8.9310	-159.97	-366.63	-0.0045620
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	33.00000	27.00000	-8.50000	-77.313	-8.9310	-159.96	-364.37	-0.0045788
	34.00000	27.00000	-8.50000	-74.736	-8.9310	-159.94	-362.17	-0.0045948
	35.00000	27.00000	-8.50000	-71.483	-8.9310	-159.88	-358.31	-0.0046220
	36.00000	27.00000	-8.50000	-67.246	-8.9310	-159.66	-350.31	-0.0046733
	37.00000	27.00000	-8.50000	-61.359	-8.9310	-157.77	-327.06	-0.0047649
	38.00000	27.00000	-8.50000	-50.464	-8.9310	-79.989	-185.37	-0.0022654
	39.00000	27.00000	-8.50000	-39.549	-8.9310	-2.2052	-43.677	234.15E-6
	40.00000	27.00000	-8.50000	-33.603	-8.9310	-0.31535	-20.413	142.43E-6
	41.00000	27.00000	-8.50000	-29.266	-8.9310	-0.093488	-12.392	90.990E-6
	42.00000	27.00000	-8.50000	-25.871	-8.9310	-0.038385	-8.4957	63.565E-6
	43.00000	27.00000	-8.50000	-23.107	-8.9310	-0.018952	-6.2548	47.228E-6
	44.00000	27.00000	-8.50000	-20.795	-8.9310	-0.010549	-4.8278	36.642E-6
	45.00000	27.00000	-8.50000	-18.825	-8.9310	-0.0063909	-3.8540	29.345E-6
	46.00000	27.00000	-8.50000	-17.121	-8.9310	-0.0041246	-3.1552	24.075E-6
	47.00000	27.00000	-8.50000	-15.630	-8.9310	-0.0027956	-2.6341	20.129E-6
	48.00000	27.00000	-8.50000	-14.315	-8.9310	-0.0019702	-2.2337	17.087E-6
	49.00000	27.00000	-8.50000	-13.144	-8.9310	-0.0014333	-1.9183	14.687E-6
	50.00000	27.00000	-8.50000	-12.097	-8.9310	-0.0010704	-1.6651	12.756E-6
	51.00000	27.00000	-8.50000	-11.155	-8.9310	-817.21E-6	-1.4582	11.177E-6
	52.00000	27.00000	-8.50000	-10.303	-8.9310	-635.71E-6	-1.2869	9.8678E-6
	53.00000	27.00000	-8.50000	-9.5312	-8.9310	-502.55E-6	-1.1434	8.7698E-6
	54.00000	27.00000	-8.50000	-8.8285	-8.9310	-402.89E-6	-1.0218	7.8393E-6
	55.00000	27.00000	-8.50000	-8.1871	-8.9310	-326.97E-6	-0.91785	7.0436E-6
	56.00000	27.00000	-8.50000	-7.6003	-8.9310	-268.25E-6	-0.82833	6.3579E-6
	57.00000	27.00000	-8.50000	-7.0622	-8.9310	-222.20E-6	-0.75068	5.7628E-6
	58.00000	27.00000	-8.50000	-6.5677	-8.9310	-185.65E-6	-0.68288	5.2431E-6
	59.00000	27.00000	-8.50000	-6.1125	-8.9310	-156.32E-6	-0.62335	4.7867E-6
	60.00000	27.00000	-8.50000	-5.6928	-8.9310	-132.56E-6	-0.57082	4.3838E-6
	-20.00000	28.00000	-8.50000	-5.6614	-8.9310	-143.64E-6	-0.57699	4.4307E-6
	-19.00000	28.00000	-8.50000	-6.0790	-8.9310	-170.96E-6	-0.63134	4.8474E-6
	-18.00000	28.00000	-8.50000	-6.5321	-8.9310	-205.19E-6	-0.69324	5.3219E-6
	-17.00000	28.00000	-8.50000	-7.0248	-8.9310	-248.59E-6	-0.76417	5.8654E-6
	-16.00000	28.00000	-8.50000	-7.5613	-8.9310	-304.35E-6	-0.84597	6.4919E-6
	-15.00000	28.00000	-8.50000	-8.1470	-8.9310	-377.06E-6	-0.94102	7.2195E-6
	-14.00000	28.00000	-8.50000	-8.7879	-8.9310	-473.51E-6	-1.0524	8.0717E-6
	-13.00000	28.00000	-8.50000	-9.4913	-8.9310	-603.98E-6	-1.1842	9.0794E-6
	-12.00000	28.00000	-8.50000	-10.266	-8.9310	-784.48E-6	-1.3420	10.284E-6
	-11.00000	28.00000	-8.50000	-11.122	-8.9310	-0.0010409	-1.5333	11.744E-6
	-10.00000	28.00000	-8.50000	-12.072	-8.9310	-0.0014168	-1.7689	13.538E-6
	-9.00000	28.00000	-8.50000	-13.132	-8.9310	-0.0019891	-2.0646	15.786E-6
	-8.00000	28.00000	-8.50000	-14.323	-8.9310	-0.0029020	-2.4445	18.666E-6
	-7.00000	28.00000	-8.50000	-15.671	-8.9310	-0.0044470	-2.9471	22.460E-6
	-6.00000	28.00000	-8.50000	-17.212	-8.9310	-0.0072701	-3.6380	27.643E-6
	-5.00000	28.00000	-8.50000	-18.997	-8.9310	-0.012994	-4.6385	35.073E-6
	-4.00000	28.00000	-8.50000	-21.102	-8.9310	-0.026452	-6.1994	46.456E-6
	-3.00000	28.00000	-8.50000	-23.653	-8.9310	-0.066180	-8.9318	65.636E-6
	-2.00000	28.00000	-8.50000	-26.887	-8.9310	-0.23938	-14.763	102.49E-6
	-1.00000	28.00000	-8.50000	-31.366	-8.9310	-1.9256	-33.427	168.21E-6

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	0.00000	28.00000	-8.50000	-40.427	-8.9310	-78.893	-165.86	-0.0023648
	1.00000	28.00000	-8.50000	-49.488	-8.9310	-155.86	-298.29	-0.0048979
	2.00000	28.00000	-8.50000	-53.970	-8.9310	-157.55	-316.96	-0.0048321
	3.00000	28.00000	-8.50000	-57.206	-8.9310	-157.72	-322.80	-0.0047952
	4.00000	28.00000	-8.50000	-59.761	-8.9310	-157.76	-325.54	-0.0047759
	5.00000	28.00000	-8.50000	-61.869	-8.9310	-157.77	-327.12	-0.0047644
	6.00000	28.00000	-8.50000	-63.655	-8.9310	-157.78	-328.13	-0.0047569
	7.00000	28.00000	-8.50000	-65.195	-8.9310	-157.78	-328.84	-0.0047515
	8.00000	28.00000	-8.50000	-66.538	-8.9310	-157.78	-329.37	-0.0047476
	9.00000	28.00000	-8.50000	-67.721	-8.9310	-157.78	-329.77	-0.0047445
	10.00000	28.00000	-8.50000	-68.771	-8.9310	-157.78	-330.10	-0.0047420
	11.00000	28.00000	-8.50000	-69.709	-8.9310	-157.79	-330.37	-0.0047400
	12.00000	28.00000	-8.50000	-70.553	-8.9310	-157.79	-330.61	-0.0047382
	13.00000	28.00000	-8.50000	-71.320	-8.9310	-157.79	-330.83	-0.0047365
	14.00000	28.00000	-8.50000	-72.026	-8.9310	-157.79	-331.05	-0.0047348
	15.00000	28.00000	-8.50000	-72.688	-8.9310	-157.79	-331.29	-0.0047330
	16.00000	28.00000	-8.50000	-73.325	-8.9310	-157.79	-331.58	-0.0047308
	17.00000	28.00000	-8.50000	-73.963	-8.9310	-157.79	-331.98	-0.0047279
	18.00000	28.00000	-8.50000	-74.636	-8.9310	-157.80	-332.58	-0.0047235
	19.00000	28.00000	-8.50000	-75.396	-8.9310	-157.81	-333.61	-0.0047162
	20.00000	28.00000	-8.50000	-76.319	-8.9310	-157.86	-335.61	-0.0047030
	21.00000	28.00000	-8.50000	-77.510	-8.9310	-158.06	-339.94	-0.0046790
	22.00000	28.00000	-8.50000	-79.002	-8.9310	-158.87	-348.88	-0.0046477
	23.00000	28.00000	-8.50000	-80.401	-8.9310	-159.68	-357.80	-0.0046166
	24.00000	28.00000	-8.50000	-81.310	-8.9310	-159.89	-362.07	-0.0045931
	25.00000	28.00000	-8.50000	-81.759	-8.9310	-159.93	-363.94	-0.0045809
	26.00000	28.00000	-8.50000	-81.843	-8.9310	-159.95	-364.80	-0.0045749
	27.00000	28.00000	-8.50000	-81.628	-8.9310	-159.95	-365.17	-0.0045723
	28.00000	28.00000	-8.50000	-81.148	-8.9310	-159.95	-365.25	-0.0045718
	29.00000	28.00000	-8.50000	-80.418	-8.9310	-159.95	-365.11	-0.0045729
	30.00000	28.00000	-8.50000	-79.431	-8.9310	-159.95	-364.79	-0.0045753
	31.00000	28.00000	-8.50000	-78.167	-8.9310	-159.95	-364.25	-0.0045794
	32.00000	28.00000	-8.50000	-76.588	-8.9310	-159.95	-363.42	-0.0045856
	33.00000	28.00000	-8.50000	-74.630	-8.9310	-159.94	-362.13	-0.0045952
	34.00000	28.00000	-8.50000	-72.190	-8.9310	-159.92	-360.03	-0.0046104
	35.00000	28.00000	-8.50000	-69.099	-8.9310	-159.87	-356.31	-0.0046365
	36.00000	28.00000	-8.50000	-65.050	-8.9310	-159.65	-348.51	-0.0046864
	37.00000	28.00000	-8.50000	-59.373	-8.9310	-157.76	-325.50	-0.0047762
	38.00000	28.00000	-8.50000	-48.704	-8.9310	-79.979	-184.10	-0.0022747
	39.00000	28.00000	-8.50000	-38.015	-8.9310	-2.1983	-42.692	226.88E-6
	40.00000	28.00000	-8.50000	-32.280	-8.9310	-0.31111	-19.674	136.95E-6
	41.00000	28.00000	-8.50000	-28.129	-8.9310	-0.090968	-11.846	86.906E-6
	42.00000	28.00000	-8.50000	-24.895	-8.9310	-0.036899	-8.0910	60.521E-6
	43.00000	28.00000	-8.50000	-22.266	-8.9310	-0.018061	-5.9513	44.935E-6
	44.00000	28.00000	-8.50000	-20.068	-8.9310	-0.0099986	-4.5966	34.889E-6
	45.00000	28.00000	-8.50000	-18.193	-8.9310	-0.0060402	-3.6751	27.984E-6
	46.00000	28.00000	-8.50000	-16.569	-8.9310	-0.0038940	-3.0145	23.003E-6
	47.00000	28.00000	-8.50000	-15.147	-8.9310	-0.0026396	-2.5219	19.273E-6
	48.00000	28.00000	-8.50000	-13.889	-8.9310	-0.0018618	-2.1430	16.395E-6
	49.00000	28.00000	-8.50000	-12.768	-8.9310	-0.0013562	-1.8443	14.121E-6
	50.00000	28.00000	-8.50000	-11.764	-8.9310	-0.0010144	-1.6040	12.289E-6
	51.00000	28.00000	-8.50000	-10.859	-8.9310	-775.83E-6	-1.4074	10.788E-6
	52.00000	28.00000	-8.50000	-10.040	-8.9310	-604.62E-6	-1.2443	9.5415E-6
	53.00000	28.00000	-8.50000	-9.2956	-8.9310	-478.86E-6	-1.1074	8.4941E-6
	54.00000	28.00000	-8.50000	-8.6176	-8.9310	-384.60E-6	-0.99116	7.6048E-6
	55.00000	28.00000	-8.50000	-7.9979	-8.9310	-312.69E-6	-0.89168	6.8431E-6
	56.00000	28.00000	-8.50000	-7.4302	-8.9310	-256.98E-6	-0.80584	6.1855E-6
	57.00000	28.00000	-8.50000	-6.9089	-8.9310	-213.23E-6	-0.73125	5.6138E-6
	58.00000	28.00000	-8.50000	-6.4294	-8.9310	-178.45E-6	-0.66602	5.1138E-6
	59.00000	28.00000	-8.50000	-5.9876	-8.9310	-150.49E-6	-0.60867	4.6740E-6
	60.00000	28.00000	-8.50000	-5.5797	-8.9310	-127.81E-6	-0.55797	4.2852E-6
	-20.00000	29.00000	-8.50000	-5.5284	-8.9310	-136.78E-6	-0.56094	4.3076E-6
	-19.00000	29.00000	-8.50000	-5.9313	-8.9310	-162.32E-6	-0.61277	4.7050E-6
	-18.00000	29.00000	-8.50000	-6.3678	-8.9310	-194.19E-6	-0.67164	5.1563E-6
	-17.00000	29.00000	-8.50000	-6.8415	-8.9310	-234.40E-6	-0.73887	5.6714E-6
	-16.00000	29.00000	-8.50000	-7.3564	-8.9310	-285.80E-6	-0.81614	6.2633E-6
	-15.00000	29.00000	-8.50000	-7.9173	-8.9310	-352.46E-6	-0.90557	6.9481E-6
	-14.00000	29.00000	-8.50000	-8.5295	-8.9310	-440.31E-6	-1.0099	7.7465E-6
	-13.00000	29.00000	-8.50000	-9.1995	-8.9310	-558.27E-6	-1.1328	8.6859E-6
	-12.00000	29.00000	-8.50000	-9.9349	-8.9310	-720.09E-6	-1.2790	9.8027E-6
	-11.00000	29.00000	-8.50000	-10.745	-8.9310	-947.75E-6	-1.4551	11.146E-6
	-10.00000	29.00000	-8.50000	-11.640	-8.9310	-0.0012777	-1.6702	12.786E-6
	-9.00000	29.00000	-8.50000	-12.634	-8.9310	-0.0017733	-1.9378	14.821E-6
	-8.00000	29.00000	-8.50000	-13.745	-8.9310	-0.0025513	-2.2776	17.398E-6
	-7.00000	29.00000	-8.50000	-14.993	-8.9310	-0.0038419	-2.7209	20.747E-6
	-6.00000	29.00000	-8.50000	-16.407	-8.9310	-0.0061421	-3.3194	25.245E-6
	-5.00000	29.00000	-8.50000	-18.028	-8.9310	-0.010657	-4.1661	31.547E-6
	-4.00000	29.00000	-8.50000	-19.912	-8.9310	-0.020817	-5.4450	40.914E-6
	-3.00000	29.00000	-8.50000	-22.148	-8.9310	-0.048987	-7.5803	56.036E-6
	-2.00000	29.00000	-8.50000	-24.889	-8.9310	-0.16075	-11.807	83.385E-6
	-1.00000	29.00000	-8.50000	-28.464	-8.9310	-1.1067	-23.682	131.06E-6
	0.00000	29.00000	-8.50000	-34.543	-8.9310	-40.000	-94.788	-0.0011167
	1.00000	29.00000	-8.50000	-40.622	-8.9310	-78.893	-165.90	-0.0023645
	2.00000	29.00000	-8.50000	-44.197	-8.9310	-79.839	-177.77	-0.0023168
	3.00000	29.00000	-8.50000	-46.938	-8.9310	-79.951	-182.01	-0.0022894
	4.00000	29.00000	-8.50000	-49.173	-8.9310	-79.979	-184.15	-0.0022742
	5.00000	29.00000	-8.50000	-51.056	-8.9310	-79.989	-185.44	-0.0022648
	6.00000	29.00000	-8.50000	-52.673	-8.9310	-79.994	-186.30	-0.0022584
	7.00000	29.00000	-8.50000	-54.082	-8.9310	-79.996	-186.92	-0.0022538
	8.00000	29.00000	-8.50000	-55.322	-8.9310	-79.997	-187.38	-0.0022503
	9.00000	29.00000	-8.50000	-56.422	-8.9310	-79.998	-187.74	-0.0022475
	10.00000	29.00000	-8.50000	-57.406	-8.9310	-79.999	-188.04	-0.0022453
	11.00000	29.00000	-8.50000	-58.290	-8.9310	-79.999	-188.29	-0.0022433
	12.00000	29.00000	-8.50000	-59.093	-8.9310	-79.999	-188.52	-0.0022416
	13.00000	29.00000	-8.50000	-59.829	-8.9310	-80.000	-188.73	-0.0022400
	14.00000	29.00000	-8.50000	-60.513	-8.9310	-80.000	-188.95	-0.0022383
	15.00000	29.00000	-8.50000	-61.165	-8.9310	-80.001	-189.20	-0.0022365
	16.00000	29.00000	-8.50000	-61.806	-8.9310	-80.003	-189.51	-0.0022341
	17.00000	29.00000	-8.50000	-62.467	-8.9310	-80.006	-189.97	-0.0022308
	18.00000	29.00000	-8.50000	-63.196	-8.9310	-80.013	-190.71	-0.0022254
	19.00000	29.00000	-8.50000	-64.072	-8.9310	-80.037	-192.13	-0.0022156
	20.00000	29.00000	-8.50000	-65.247	-8.9310	-80.141	-195.39	-0.0021953
	21.00000	29.00000	-8.50000	-67.062	-8.9310	-81.074	-206.04	-0.0021565
	22.00000	29.00000	-8.50000	-71.227	-8.9310	-119.95	-275.71	-0.0034145
	23.00000	29.00000	-8.50000	-75.303	-8.9310	-158.83	-345.36	-0.0046727
	24.00000	29.00000	-8.50000	-76.850	-8.9310	-159.76	-355.94	-0.0046344
	25.00000	29.00000	-8.50000	-77.575	-8.9310	-159.86	-359.10	-0.0046149
	26.00000	29.00000	-8.50000	-77.811	-8.9310	-159.89	-360.35	-0.0046064
	27.00000	29.00000	-8.50000	-77.700	-8.9310	-159.89	-360.87	-0.0046027
	28.00000	29.00000	-8.50000	-77.305	-8.9310	-159.90	-361.03	-0.0046017
	29.00000	29.00000	-8.50000	-76.654	-8.9310	-159.90	-360.95	-0.0046023
	30.00000	29.00000	-8.50000	-75.752	-8.9310	-159.90	-360.67	-0.0046044
	31.00000	29.00000	-8.50000	-74.583	-8.9310	-159.90	-360.19	-0.0046080
	32.00000	29.00000	-8.50000	-73.115	-8.9310	-159.89	-359.42	-0.0046138
	33.00000	29.00000	-8.50000	-71.289	-8.9310	-159.88	-358.23	-0.0046226
	34.00000	29.00000	-8.50000	-69.012	-8.9310	-159.87	-356.28	-0.0046368
	35.00000	29.00000	-8.50000	-66.120	-8.9310	-159.81	-352.78	-0.0046613
	36.00000	29.00000	-8.50000	-62.314	-8.9310	-159.60	-345.30	-0.0047088
	37.00000

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	60.00000	29.00000	-8.50000	-5.4601	-8.9310	-122.80E-6	-0.54441	4.1811E-6
	-20.00000	30.00000	-8.50000	-5.3894	-8.9310	-129.69E-6	-0.54425	4.1796E-6
	-19.00000	30.00000	-8.50000	-5.7772	-8.9310	-153.39E-6	-0.59348	4.5571E-6
	-18.00000	30.00000	-8.50000	-6.1965	-8.9310	-182.83E-6	-0.64921	4.9843E-6
	-17.00000	30.00000	-8.50000	-6.6506	-8.9310	-219.78E-6	-0.71264	5.4705E-6
	-16.00000	30.00000	-8.50000	-7.1432	-8.9310	-266.73E-6	-0.78526	6.0267E-6
	-15.00000	30.00000	-8.50000	-7.6784	-8.9310	-327.19E-6	-0.86894	6.6675E-6
	-14.00000	30.00000	-8.50000	-8.2610	-8.9310	-406.26E-6	-0.96607	7.4108E-6
	-13.00000	30.00000	-8.50000	-8.8967	-8.9310	-511.49E-6	-1.0798	8.2805E-6
	-12.00000	30.00000	-8.50000	-9.5921	-8.9310	-654.34E-6	-1.2142	9.3074E-6
	-11.00000	30.00000	-8.50000	-10.355	-8.9310	-852.86E-6	-1.3748	10.533E-6
	-10.00000	30.00000	-8.50000	-11.194	-8.9310	-0.0011364	-1.5692	12.015E-6
	-9.00000	30.00000	-8.50000	-12.121	-8.9310	-0.0015547	-1.8081	13.834E-6
	-8.00000	30.00000	-8.50000	-13.149	-8.9310	-0.0021969	-2.1074	16.106E-6
	-7.00000	30.00000	-8.50000	-14.296	-8.9310	-0.0032322	-2.4909	19.007E-6
	-6.00000	30.00000	-8.50000	-15.583	-8.9310	-0.0050084	-2.9965	22.814E-6
	-5.00000	30.00000	-8.50000	-17.038	-8.9310	-0.0083130	-3.6888	27.985E-6
	-4.00000	30.00000	-8.50000	-18.699	-8.9310	-0.015173	-4.6851	35.331E-6
	-3.00000	30.00000	-8.50000	-20.617	-8.9310	-0.031784	-6.2228	46.390E-6
	-2.00000	30.00000	-8.50000	-22.865	-8.9310	-0.082112	-8.8442	64.228E-6
	-1.00000	30.00000	-8.50000	-25.533	-8.9310	-0.28783	-13.930	93.849E-6
	0.00000	30.00000	-8.50000	-28.630	-8.9310	-1.1067	-23.712	131.29E-6
	1.00000	30.00000	-8.50000	-31.726	-8.9310	-1.9257	-33.494	168.73E-6
	2.00000	30.00000	-8.50000	-34.393	-8.9310	-2.1314	-38.583	198.38E-6
	3.00000	30.00000	-8.50000	-36.639	-8.9310	-2.1817	-41.210	216.26E-6
	4.00000	30.00000	-8.50000	-38.553	-8.9310	-2.1983	-42.755	227.37E-6
	5.00000	30.00000	-8.50000	-40.209	-8.9310	-2.2052	-43.761	234.79E-6
	6.00000	30.00000	-8.50000	-41.658	-8.9310	-2.2086	-44.466	240.05E-6
	7.00000	30.00000	-8.50000	-42.936	-8.9310	-2.2104	-44.986	243.97E-6
	8.00000	30.00000	-8.50000	-44.072	-8.9310	-2.2114	-45.387	247.01E-6
	9.00000	30.00000	-8.50000	-45.089	-8.9310	-2.2121	-45.708	249.43E-6
	10.00000	30.00000	-8.50000	-46.005	-8.9310	-2.2126	-45.975	251.48E-6
	11.00000	30.00000	-8.50000	-46.834	-8.9310	-2.2130	-46.206	253.24E-6
	12.00000	30.00000	-8.50000	-47.593	-8.9310	-2.2133	-46.416	254.84E-6
	13.00000	30.00000	-8.50000	-48.294	-8.9310	-2.2137	-46.620	256.39E-6
	14.00000	30.00000	-8.50000	-48.953	-8.9310	-2.2142	-46.834	258.01E-6
	15.00000	30.00000	-8.50000	-49.588	-8.9310	-2.2150	-47.084	259.90E-6
	16.00000	30.00000	-8.50000	-50.223	-8.9310	-2.2166	-47.412	262.34E-6
	17.00000	30.00000	-8.50000	-50.891	-8.9310	-2.2201	-47.899	265.93E-6
	18.00000	30.00000	-8.50000	-51.649	-8.9310	-2.2293	-48.732	271.91E-6
	19.00000	30.00000	-8.50000	-52.598	-8.9310	-2.2604	-50.411	283.39E-6
	20.00000	30.00000	-8.50000	-53.948	-8.9310	-2.4143	-54.684	309.15E-6
	21.00000	30.00000	-8.50000	-56.260	-8.9310	-4.0568	-71.049	359.21E-6
	22.00000	30.00000	-8.50000	-62.923	-8.9310	-80.945	-200.44	-0.0021936
	23.00000	30.00000	-8.50000	-69.501	-8.9310	-157.83	-329.82	-0.0047465
	24.00000	30.00000	-8.50000	-71.561	-8.9310	-159.48	-346.12	-0.0046969
	25.00000	30.00000	-8.50000	-72.487	-8.9310	-159.63	-350.29	-0.0046719
	26.00000	30.00000	-8.50000	-72.833	-8.9310	-159.66	-351.82	-0.0046616
	27.00000	30.00000	-8.50000	-72.800	-8.9310	-159.67	-352.45	-0.0046572
	28.00000	30.00000	-8.50000	-72.476	-8.9310	-159.67	-352.66	-0.0046557
	29.00000	30.00000	-8.50000	-71.900	-8.9310	-159.67	-352.62	-0.0046560
	30.00000	30.00000	-8.50000	-71.080	-8.9310	-159.67	-352.39	-0.0046578
	31.00000	30.00000	-8.50000	-70.009	-8.9310	-159.67	-351.96	-0.0046610
	32.00000	30.00000	-8.50000	-68.659	-8.9310	-159.67	-351.28	-0.0046661
	33.00000	30.00000	-8.50000	-66.981	-8.9310	-159.66	-350.20	-0.0046741
	34.00000	30.00000	-8.50000	-64.890	-8.9310	-159.65	-348.45	-0.0046868
	35.00000	30.00000	-8.50000	-62.242	-8.9310	-159.60	-345.28	-0.0047090
	36.00000	30.00000	-8.50000	-58.755	-8.9310	-159.39	-338.40	-0.0047525
	37.00000	30.00000	-8.50000	-53.783	-8.9310	-157.55	-316.95	-0.0048322
	38.00000	30.00000	-8.50000	-43.930	-8.9310	-79.839	-177.75	-0.0023170
	39.00000	30.00000	-8.50000	-34.057	-8.9310	-2.1314	-38.551	198.13E-6
	40.00000	30.00000	-8.50000	-29.025	-8.9310	-0.28316	-17.085	118.33E-6
	41.00000	30.00000	-8.50000	-25.439	-8.9310	-0.078907	-10.189	74.715E-6
	42.00000	30.00000	-8.50000	-22.647	-8.9310	-0.031233	-6.9820	52.254E-6
	43.00000	30.00000	-8.50000	-20.366	-8.9310	-0.015157	-5.1763	39.110E-6
	44.00000	30.00000	-8.50000	-18.447	-8.9310	-0.0083931	-4.0347	30.641E-6
	45.00000	30.00000	-8.50000	-16.798	-8.9310	-0.0050940	-3.2547	24.795E-6
	46.00000	30.00000	-8.50000	-15.360	-8.9310	-0.0033061	-2.6913	20.549E-6
	47.00000	30.00000	-8.50000	-14.092	-8.9310	-0.0022578	-2.2691	17.346E-6
	48.00000	30.00000	-8.50000	-12.964	-8.9310	-0.0016047	-1.9414	14.857E-6
	49.00000	30.00000	-8.50000	-11.953	-8.9310	-0.0011776	-1.6812	12.875E-6
	50.00000	30.00000	-8.50000	-11.043	-8.9310	-887.11E-6	-1.4704	11.267E-6
	51.00000	30.00000	-8.50000	-10.218	-8.9310	-683.00E-6	-1.2967	9.9411E-6
	52.00000	30.00000	-8.50000	-9.4694	-8.9310	-535.62E-6	-1.1518	8.8333E-6
	53.00000	30.00000	-8.50000	-8.7863	-8.9310	-426.71E-6	-1.0294	7.8970E-6
	54.00000	30.00000	-8.50000	-8.1615	-8.9310	-344.60E-6	-0.92501	7.0979E-6
	55.00000	30.00000	-8.50000	-7.5886	-8.9310	-281.62E-6	-0.83517	6.4099E-6
	56.00000	30.00000	-8.50000	-7.0620	-8.9310	-232.56E-6	-0.75729	5.8132E-6
	57.00000	30.00000	-8.50000	-6.5772	-8.9310	-193.84E-6	-0.68932	5.2923E-6
	58.00000	30.00000	-8.50000	-6.1299	-8.9310	-162.91E-6	-0.62964	4.8347E-6
	59.00000	30.00000	-8.50000	-5.7167	-8.9310	-137.94E-6	-0.57695	4.4307E-6
	60.00000	30.00000	-8.50000	-5.3344	-8.9310	-117.58E-6	-0.53022	4.0722E-6
	-20.00000	31.00000	-8.50000	-5.2454	-8.9310	-122.46E-6	-0.52706	4.0477E-6
	-19.00000	31.00000	-8.50000	-5.6176	-8.9310	-144.31E-6	-0.57364	4.4050E-6
	-18.00000	31.00000	-8.50000	-6.0193	-8.9310	-171.30E-6	-0.62620	4.8079E-6
	-17.00000	31.00000	-8.50000	-6.4534	-8.9310	-204.98E-6	-0.68578	5.2646E-6
	-16.00000	31.00000	-8.50000	-6.9232	-8.9310	-247.47E-6	-0.75369	5.7849E-6
	-15.00000	31.00000	-8.50000	-7.4323	-8.9310	-301.77E-6	-0.83157	6.3813E-6
	-14.00000	31.00000	-8.50000	-7.9850	-8.9310	-372.15E-6	-0.92146	7.0694E-6
	-13.00000	31.00000	-8.50000	-8.5860	-8.9310	-464.83E-6	-1.0260	7.8691E-6
	-12.00000	31.00000	-8.50000	-9.2408	-8.9310	-589.11E-6	-1.1487	8.8065E-6
	-11.00000	31.00000	-8.50000	-9.9561	-8.9310	-759.32E-6	-1.2939	9.9157E-6
	-10.00000	31.00000	-8.50000	-10.739	-8.9310	-998.15E-6	-1.4679	11.243E-6
	-9.00000	31.00000	-8.50000	-11.599	-8.9310	-0.0013430	-1.6790	12.850E-6
	-8.00000	31.00000	-8.50000	-12.546	-8.9310	-0.0018579	-1.9391	14.827E-6
	-7.00000	31.00000	-8.50000	-13.594	-8.9310	-0.0026588	-2.2655	17.300E-6
	-6.00000	31.00000	-8.50000	-14.756	-8.9310	-0.0039677	-2.6842	20.460E-6
	-5.00000	31.00000	-8.50000	-16.052	-8.9310	-0.0062404	-3.2359	24.598E-6
	-4.00000	31.00000	-8.50000	-17.503	-8.9310	-0.010490	-3.9864	30.173E-6
	-3.00000	31.00000	-8.50000	-19.133	-8.9310	-0.019160	-5.0459	37.922E-6
	-2.00000	31.00000	-8.50000	-20.966	-8.9310	-0.038441	-6.5949	48.945E-6
	-1.00000	31.00000	-8.50000	-23.006	-8.9310	-0.082130	-8.8673	64.404E-6
	0.00000	31.00000	-8.50000	-25.195	-8.9310	-0.16080	-11.859	83.784E-6
	1.00000	31.00000	-8.50000	-27.383	-8.9310	-0.23947	-14.852	103.17E-6
	2.00000	31.00000	-8.50000	-29.421	-8.9310	-0.28316	-17.127	118.67E-6
	3.00000	31.00000	-8.50000	-31.250	-8.9310	-0.30245	-18.681	129.71E-6
	4.00000	31.00000	-8.50000	-32.875	-8.9310	-0.31113	-19.746	137.50E-6
	5.00000	31.00000	-8.50000	-34.319	-8.9310	-0.31539	-20.505	143.14E-6
	6.00000	31.00000	-8.50000	-35.606	-8.9310	-0.31769	-21.067	147.36E-6
	7.00000	31.00000	-8.50000	-36.757	-8.9310	-0.31902	-21.499	150.62E-6
	8.00000	31.00000	-8.50000	-37.792	-8.9310	-0.31985	-21.842	153.22E-6
	9.00000	31.00000	-8.50000	-38.727	-8.9310	-0.32041	-22.123	155.35E-6
	10.00000	31.00000	-8.50000	-39.575	-8.9310	-0.32081	-22.361	157.16E-6
	11.00000	31.00000	-8.50000	-40.349	-8.9310	-0.32114	-22.570	158.76E-6
	12.00000	31.00000	-8.50000	-41.061	-8.9310	-0.32145	-22.764	160.24E-6
	13.00000	31.00000	-8.50000	-41.725	-8.9310	-0.32180	-22.956	161.69E-6
	14.00000	31.00000	-8.50000	-42.353	-8.9310	-0.32229	-23.161	163.25E-6
	15.00000	31.00000	-8.50000	-42.964	-8.9310	-0.32311	-23.404	165.08E-6
	16.00000	31.00000	-8.50000	-43.579	-8.9310	-0.32467	-23.726	167.49E-6
	17.00000	31.00000	-8.50000	-44.234	-8.9310	-0.32816	-24.210	171.05E-6
	18.00000	31.00000	-8.50000	-44.983	-8.9310	-0.33739	-25.041	177.01E-6
	19.00000	31.00000	-8.50000	-45.927	-8.9310	-0.36845	-26.713	188.48E-6
	20.00000	31.00000	-8.50000	-47.279	-8.9310	-0.52237	-30.992	214.24E-6
	21.00000	31.00000	-8.50000	-49.595	-8.9310	-2.1649	-47.358	264.32E-6
	22.00000	31.00000	-8.50000	-56.268	-8.9310	-79.053	-176.75	-0.0022884
	23.00000	31.00000	-8.50000	-62.861	-8.9310	-155.94	-306.13	-0.0048413
	24.00000	31.00000	-8.50000	-64.942	-8.9310	-157.58	-322.44	-0.0047917
	25.00000	31.00000	-8.50000	-65.895	-8.9310	-157.74	-326.62	-0.0047666
	26.00000	31.00000	-8.50000	-66.274	-8.9310	-157.77	-328.16	-0.0047562
	27.00000	31.00000	-8.50000	-66.283	-8.9310	-157.78	-328.80	-0.0047517
	28.00000	31.00000	-8.50000	-66.012	-8.9310	-157.78	-329.03	-0.0047501
	29.00000	31.00000	-8.50000	-65.499	-8.9310	-157.78	-329.03	-0.0047502
	30.00000	31.00000	-8.50000	-64.758	-8.9310	-157.78	-328.84	-0.0047516
	31.00000	31.00000	-8.50000	-63.785	-8.9310	-157.78	-328.46	-0.0047544
	32.00000	31.00000	-8.50000	-62.558	-8.9310	-157.78	-327.87	-0.0047589
	33.00000	31.00000	-8.50000	-61.039	-8.9310	-157.77	-326.94	-0.0047658
	34.00000	31.00000	-8.50000	-59.158	-8.9310	-157.76	-325.43	-0.0047768
	35.00000	31.00000	-8.50000	-56.797	-8.9310	-157.72	-322.73	-0.0047957
	36.00000	31.00000	-8.50000	-53.725	-8.9310	-157.55	-316.93	-0.0048323
	37.00000	31.00000	-8.50000	-49.382	-8.9310	-155.86	-298.29	-0.0048978
	38.00000	31.00000	-8.50000	-40.437	-8.9310	-78.893	-165.89	-0.0023646

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	39.00000	31.00000	-8.50000	-31.472	-8.9310	-1.9257	-33.473	168.57E-6
	40.00000	31.00000	-8.50000	-27.070	-8.9310	-0.23947	-14.822	102.94E-6
	41.00000	31.00000	-8.50000	-23.900	-8.9310	-0.066268	-8.9985	66.145E-6
	42.00000	31.00000	-8.50000	-21.397	-8.9310	-0.026536	-6.2707	47.001E-6
	43.00000	31.00000	-8.50000	-19.329	-8.9310	-0.013072	-4.7119	35.634E-6
	44.00000	31.00000	-8.50000	-17.572	-8.9310	-0.0073415	-3.7116	28.206E-6
	45.00000	31.00000	-8.50000	-16.050	-8.9310	-0.0045112	-3.0195	23.014E-6
	46.00000	31.00000	-8.50000	-14.715	-8.9310	-0.0029590	-2.5148	19.203E-6
	47.00000	31.00000	-8.50000	-13.531	-8.9310	-0.0020392	-2.1320	16.302E-6
	48.00000	31.00000	-8.50000	-12.472	-8.9310	-0.0014607	-1.8331	14.030E-6
	49.00000	31.00000	-8.50000	-11.521	-8.9310	-0.0010792	-1.5941	12.209E-6
	50.00000	31.00000	-8.50000	-10.660	-8.9310	-817.81E-6	-1.3993	10.723E-6
	51.00000	31.00000	-8.50000	-9.8791	-8.9310	-632.95E-6	-1.2380	9.4920E-6
	52.00000	31.00000	-8.50000	-9.1671	-8.9310	-498.68E-6	-1.1028	8.4584E-6
	53.00000	31.00000	-8.50000	-8.5161	-8.9310	-398.94E-6	-0.98819	7.5813E-6
	54.00000	31.00000	-8.50000	-7.9194	-8.9310	-323.39E-6	-0.89004	6.8299E-6
	55.00000	31.00000	-8.50000	-7.3712	-8.9310	-265.18E-6	-0.80530	6.1810E-6
	56.00000	31.00000	-8.50000	-6.8664	-8.9310	-219.67E-6	-0.73162	5.6164E-6
	57.00000	31.00000	-8.50000	-6.4007	-8.9310	-183.62E-6	-0.66714	5.1222E-6
	58.00000	31.00000	-8.50000	-5.9705	-8.9310	-154.73E-6	-0.61037	4.6870E-6
	59.00000	31.00000	-8.50000	-5.5724	-8.9310	-131.33E-6	-0.56015	4.3018E-6
	60.00000	31.00000	-8.50000	-5.2036	-8.9310	-112.20E-6	-0.51550	3.9593E-6
	-20.00000	32.00000	-8.50000	-5.0972	-8.9310	-115.19E-6	-0.50952	3.9132E-6
	-19.00000	32.00000	-8.50000	-5.4536	-8.9310	-135.20E-6	-0.55344	4.2500E-6
	-18.00000	32.00000	-8.50000	-5.8375	-8.9310	-159.78E-6	-0.60281	4.6286E-6
	-17.00000	32.00000	-8.50000	-6.2514	-8.9310	-190.24E-6	-0.65855	5.0558E-6
	-16.00000	32.00000	-8.50000	-6.6982	-8.9310	-228.38E-6	-0.72179	5.5404E-6
	-15.00000	32.00000	-8.50000	-7.1811	-8.9310	-276.69E-6	-0.79391	6.0928E-6
	-14.00000	32.00000	-8.50000	-7.7037	-8.9310	-338.68E-6	-0.87667	6.7264E-6
	-13.00000	32.00000	-8.50000	-8.2700	-8.9310	-419.36E-6	-0.97225	7.4577E-6
	-12.00000	32.00000	-8.50000	-8.8847	-8.9310	-526.08E-6	-1.0834	8.3080E-6
	-11.00000	32.00000	-8.50000	-9.5530	-8.9310	-669.84E-6	-1.2139	9.3045E-6
	-10.00000	32.00000	-8.50000	-10.281	-8.9310	-867.56E-6	-1.3683	10.483E-6
	-9.00000	32.00000	-8.50000	-11.075	-8.9310	-0.0011460	-1.5531	11.892E-6
	-8.00000	32.00000	-8.50000	-11.944	-8.9310	-0.0015492	-1.7769	13.594E-6
	-7.00000	32.00000	-8.50000	-12.896	-8.9310	-0.0021513	-2.0516	15.678E-6
	-6.00000	32.00000	-8.50000	-13.941	-8.9310	-0.0030836	-2.3938	18.267E-6
	-5.00000	32.00000	-8.50000	-15.090	-8.9310	-0.0045855	-2.8274	21.532E-6
	-4.00000	32.00000	-8.50000	-16.354	-8.9310	-0.0071071	-3.3858	25.710E-6
	-3.00000	32.00000	-8.50000	-17.741	-8.9310	-0.011491	-4.1142	31.110E-6
	-2.00000	32.00000	-8.50000	-19.254	-8.9310	-0.019173	-5.0641	38.061E-6
	-1.00000	32.00000	-8.50000	-20.878	-8.9310	-0.031815	-6.2636	46.702E-6
	0.00000	32.00000	-8.50000	-22.571	-8.9310	-0.049044	-7.6493	56.564E-6
	1.00000	32.00000	-8.50000	-24.262	-8.9310	-0.066274	-9.0358	66.432E-6
	2.00000	32.00000	-8.50000	-25.883	-8.9310	-0.078919	-10.238	75.090E-6
	3.00000	32.00000	-8.50000	-27.391	-8.9310	-0.086607	-11.191	82.070E-6
	4.00000	32.00000	-8.50000	-28.772	-8.9310	-0.091000	-11.925	87.511E-6
	5.00000	32.00000	-8.50000	-30.027	-8.9310	-0.093533	-12.491	91.744E-6
	6.00000	32.00000	-8.50000	-31.165	-8.9310	-0.095051	-12.934	95.080E-6
	7.00000	32.00000	-8.50000	-32.197	-8.9310	-0.096005	-13.288	97.759E-6
	8.00000	32.00000	-8.50000	-33.136	-8.9310	-0.096635	-13.577	99.957E-6
	9.00000	32.00000	-8.50000	-33.990	-8.9310	-0.097078	-13.820	101.81E-6
	10.00000	32.00000	-8.50000	-34.772	-8.9310	-0.097414	-14.031	103.41E-6
	11.00000	32.00000	-8.50000	-35.490	-8.9310	-0.097697	-14.219	104.84E-6
	12.00000	32.00000	-8.50000	-36.155	-8.9310	-0.097973	-14.396	106.19E-6
	13.00000	32.00000	-8.50000	-36.778	-8.9310	-0.098296	-14.573	107.54E-6
	14.00000	32.00000	-8.50000	-37.371	-8.9310	-0.098749	-14.765	108.99E-6
	15.00000	32.00000	-8.50000	-37.950	-8.9310	-0.099495	-14.993	110.71E-6
	16.00000	32.00000	-8.50000	-38.534	-8.9310	-0.10090	-15.293	112.96E-6
	17.00000	32.00000	-8.50000	-39.155	-8.9310	-0.10395	-15.736	116.22E-6
	18.00000	32.00000	-8.50000	-39.857	-8.9310	-0.11160	-16.474	121.54E-6
	19.00000	32.00000	-8.50000	-40.720	-8.9310	-0.13539	-17.884	131.29E-6
	20.00000	32.00000	-8.50000	-41.897	-8.9310	-0.23947	-21.151	151.61E-6
	21.00000	32.00000	-8.50000	-43.726	-8.9310	-1.1728	-31.801	190.45E-6
	22.00000	32.00000	-8.50000	-47.921	-8.9310	-40.049	-101.48	-0.0010675
	23.00000	32.00000	-8.50000	-52.042	-8.9310	-78.924	-171.15	-0.0023256
	24.00000	32.00000	-8.50000	-53.651	-8.9310	-79.858	-181.75	-0.0022872
	25.00000	32.00000	-8.50000	-54.455	-8.9310	-79.962	-184.93	-0.0022675
	26.00000	32.00000	-8.50000	-54.793	-8.9310	-79.985	-186.21	-0.0022587
	27.00000	32.00000	-8.50000	-54.806	-8.9310	-79.993	-186.78	-0.0022547
	28.00000	32.00000	-8.50000	-54.566	-8.9310	-79.995	-186.99	-0.0022532
	29.00000	32.00000	-8.50000	-54.106	-8.9310	-79.996	-187.00	-0.0022532
	30.00000	32.00000	-8.50000	-53.438	-8.9310	-79.996	-186.84	-0.0022544
	31.00000	32.00000	-8.50000	-52.561	-8.9310	-79.995	-186.52	-0.0022568
	32.00000	32.00000	-8.50000	-51.459	-8.9310	-79.993	-186.01	-0.0022606
	33.00000	32.00000	-8.50000	-50.104	-8.9310	-79.989	-185.24	-0.0022664
	34.00000	32.00000	-8.50000	-48.446	-8.9310	-79.979	-184.01	-0.0022753
	35.00000	32.00000	-8.50000	-46.403	-8.9310	-79.951	-181.92	-0.0022901
	36.00000	32.00000	-8.50000	-43.825	-8.9310	-79.839	-177.72	-0.0023173
	37.00000	32.00000	-8.50000	-40.390	-8.9310	-78.893	-165.87	-0.0023647
	38.00000	32.00000	-8.50000	-34.428	-8.9310	-40.000	-94.788	-0.0011167
	39.00000	32.00000	-8.50000	-28.448	-8.9310	-1.1068	-23.700	131.20E-6
	40.00000	32.00000	-8.50000	-24.955	-8.9310	-0.16080	-11.839	83.627E-6
	41.00000	32.00000	-8.50000	-22.281	-8.9310	-0.049042	-7.6217	56.352E-6
	42.00000	32.00000	-8.50000	-20.100	-8.9310	-0.020872	-5.4928	41.280E-6
	43.00000	32.00000	-8.50000	-18.259	-8.9310	-0.010710	-4.2180	31.944E-6
	44.00000	32.00000	-8.50000	-16.672	-8.9310	-0.0061925	-3.3735	25.659E-6
	45.00000	32.00000	-8.50000	-15.282	-8.9310	-0.0038884	-2.7757	21.167E-6
	46.00000	32.00000	-8.50000	-14.053	-8.9310	-0.0025935	-2.3321	17.816E-6
	47.00000	32.00000	-8.50000	-12.955	-8.9310	-0.0018113	-1.9912	15.230E-6
	48.00000	32.00000	-8.50000	-11.968	-8.9310	-0.0013116	-1.7220	13.183E-6
	49.00000	32.00000	-8.50000	-11.077	-8.9310	-977.83E-6	-1.5049	11.528E-6
	50.00000	32.00000	-8.50000	-10.268	-8.9310	-746.67E-6	-1.3265	10.167E-6
	51.00000	32.00000	-8.50000	-9.5304	-8.9310	-581.69E-6	-1.1780	9.0326E-6
	52.00000	32.00000	-8.50000	-8.8562	-8.9310	-460.92E-6	-1.0527	8.0748E-6
	53.00000	32.00000	-8.50000	-8.2382	-8.9310	-370.59E-6	-0.94600	7.2581E-6
	54.00000	32.00000	-8.50000	-7.6702	-8.9310	-301.74E-6	-0.85423	6.5555E-6
	55.00000	32.00000	-8.50000	-7.1471	-8.9310	-248.42E-6	-0.77470	5.9464E-6
	56.00000	32.00000	-8.50000	-6.6645	-8.9310	-206.53E-6	-0.70530	5.4146E-6
	57.00000	32.00000	-8.50000	-6.2185	-8.9310	-173.20E-6	-0.64437	4.9476E-6
	58.00000	32.00000	-8.50000	-5.8057	-8.9310	-146.38E-6	-0.59059	4.5352E-6
	59.00000	32.00000	-8.50000	-5.4232	-8.9310	-124.58E-6	-0.54287	4.1692E-6
	60.00000	32.00000	-8.50000	-5.0682	-8.9310	-106.71E-6	-0.50035	3.8430E-6
	-20.00000	33.00000	-8.50000	-4.9458	-8.9310	-107.96E-6	-0.49177	3.7770E-6
	-19.00000	33.00000	-8.50000	-5.2863	-8.9310	-126.19E-6	-0.53305	4.0936E-6
	-18.00000	33.00000	-8.50000	-5.6523	-8.9310	-148.42E-6	-0.57927	4.4480E-6
	-17.00000	33.00000	-8.50000	-6.0460	-8.9310	-175.77E-6	-0.63122	4.8463E-6
	-16.00000	33.00000	-8.50000	-6.4698	-8.9310	-209.74E-6	-0.68986	5.2957E-6
	-15.00000	33.00000	-8.50000	-6.9266	-8.9310	-252.37E-6	-0.75638	5.8053E-6
	-14.00000	33.00000	-8.50000	-7.4194	-8.9310	-306.47E-6	-0.83221	6.3860E-6
	-13.00000	33.00000	-8.50000	-7.9515	-8.9310	-375.99E-6	-0.91916	7.0514E-6
	-12.00000	33.00000	-8.50000	-8.5267	-8.9310	-466.58E-6	-1.0194	7.8186E-6
	-11.00000	33.00000	-8.50000	-9.1492	-8.9310	-586.46E-6	-1.1359	8.7088E-6
	-10.00000	33.00000	-8.50000	-9.8236	-8.9310	-747.84E-6

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	18.00000	33.00000	-8.50000	-35.638	-8.9310	-0.051884	-11.979	89.727E-6
	19.00000	33.00000	-8.50000	-36.377	-8.9310	-0.066221	-13.006	96.969E-6
	20.00000	33.00000	-8.50000	-37.302	-8.9310	-0.11315	-14.999	110.13E-6
	21.00000	33.00000	-8.50000	-38.518	-8.9310	-0.31414	-19.340	134.24E-6
	22.00000	33.00000	-8.50000	-40.059	-8.9310	-1.1274	-28.297	165.60E-6
	23.00000	33.00000	-8.50000	-41.532	-8.9310	-1.9406	-37.239	196.84E-6
	24.00000	33.00000	-8.50000	-42.543	-8.9310	-2.1415	-41.535	220.61E-6
	25.00000	33.00000	-8.50000	-43.123	-8.9310	-2.1883	-43.449	233.17E-6
	26.00000	33.00000	-8.50000	-43.374	-8.9310	-2.2025	-44.363	239.54E-6
	27.00000	33.00000	-8.50000	-43.366	-8.9310	-2.2077	-44.801	242.67E-6
	28.00000	33.00000	-8.50000	-43.141	-8.9310	-2.2098	-44.976	243.92E-6
	29.00000	33.00000	-8.50000	-42.723	-8.9310	-2.2105	-44.980	243.92E-6
	30.00000	33.00000	-8.50000	-42.121	-8.9310	-2.2104	-44.847	242.90E-6
	31.00000	33.00000	-8.50000	-41.335	-8.9310	-2.2097	-44.583	240.90E-6
	32.00000	33.00000	-8.50000	-40.355	-8.9310	-2.2082	-44.166	237.76E-6
	33.00000	33.00000	-8.50000	-39.162	-8.9310	-2.2050	-43.540	233.10E-6
	34.00000	33.00000	-8.50000	-37.726	-8.9310	-2.1982	-42.595	226.14E-6
	35.00000	33.00000	-8.50000	-35.999	-8.9310	-2.1816	-41.097	215.39E-6
	36.00000	33.00000	-8.50000	-33.916	-8.9310	-2.1313	-38.508	197.80E-6
	37.00000	33.00000	-8.50000	-31.387	-8.9310	-1.9256	-33.449	168.38E-6
	38.00000	33.00000	-8.50000	-28.410	-8.9310	-1.1067	-23.690	131.12E-6
	39.00000	33.00000	-8.50000	-25.413	-8.9310	-0.28785	-13.927	93.822E-6
	40.00000	33.00000	-8.50000	-22.829	-8.9310	-0.082139	-8.8548	64.308E-6
	41.00000	33.00000	-8.50000	-20.652	-8.9310	-0.031816	-6.2440	46.551E-6
	42.00000	33.00000	-8.50000	-18.792	-8.9310	-0.015208	-4.7141	35.552E-6
	43.00000	33.00000	-8.50000	-17.179	-8.9310	-0.0083488	-3.7232	28.248E-6
	44.00000	33.00000	-8.50000	-15.762	-8.9310	-0.0050433	-3.0346	23.105E-6
	45.00000	33.00000	-8.50000	-14.506	-8.9310	-0.0032654	-2.5311	19.315E-6
	46.00000	33.00000	-8.50000	-13.382	-8.9310	-0.0022279	-2.1487	16.422E-6
	47.00000	33.00000	-8.50000	-12.371	-8.9310	-0.0015832	-1.8496	14.152E-6
	48.00000	33.00000	-8.50000	-11.457	-8.9310	-0.0011623	-1.6102	12.330E-6
	49.00000	33.00000	-8.50000	-10.626	-8.9310	-876.29E-6	-1.4150	10.841E-6
	50.00000	33.00000	-8.50000	-9.8684	-8.9310	-675.38E-6	-1.2532	9.6062E-6
	51.00000	33.00000	-8.50000	-9.1752	-8.9310	-530.30E-6	-1.1173	8.5684E-6
	52.00000	33.00000	-8.50000	-8.5392	-8.9310	-423.03E-6	-1.0021	7.6868E-6
	53.00000	33.00000	-8.50000	-7.9544	-8.9310	-342.11E-6	-0.90327	6.9308E-6
	54.00000	33.00000	-8.50000	-7.4155	-8.9310	-279.99E-6	-0.81791	6.2772E-6
	55.00000	33.00000	-8.50000	-6.9179	-8.9310	-231.56E-6	-0.74362	5.7081E-6
	56.00000	33.00000	-8.50000	-6.4578	-8.9310	-193.29E-6	-0.67854	5.2094E-6
	57.00000	33.00000	-8.50000	-6.0318	-8.9310	-162.69E-6	-0.62120	4.7698E-6
	58.00000	33.00000	-8.50000	-5.6367	-8.9310	-137.96E-6	-0.57042	4.3804E-6
	59.00000	33.00000	-8.50000	-5.2699	-8.9310	-117.77E-6	-0.52524	4.0339E-6
	60.00000	33.00000	-8.50000	-4.9291	-8.9310	-101.15E-6	-0.48487	3.7243E-6
	-20.00000	34.00000	-8.50000	-4.7921	-8.9310	-100.85E-6	-0.47393	3.6401E-6
	-19.00000	34.00000	-8.50000	-5.1167	-8.9310	-117.36E-6	-0.51262	3.9369E-6
	-18.00000	34.00000	-8.50000	-5.4648	-8.9310	-137.35E-6	-0.55575	4.2676E-6
	-17.00000	34.00000	-8.50000	-5.8384	-8.9310	-161.76E-6	-0.60401	4.6377E-6
	-16.00000	34.00000	-8.50000	-6.2395	-8.9310	-191.81E-6	-0.65821	5.0531E-6
	-15.00000	34.00000	-8.50000	-6.6706	-8.9310	-229.15E-6	-0.71933	5.5214E-6
	-14.00000	34.00000	-8.50000	-7.1341	-8.9310	-275.98E-6	-0.78855	6.0516E-6
	-13.00000	34.00000	-8.50000	-7.6328	-8.9310	-335.37E-6	-0.86732	6.6546E-6
	-12.00000	34.00000	-8.50000	-8.1697	-8.9310	-411.55E-6	-0.95739	7.3438E-6
	-11.00000	34.00000	-8.50000	-8.7481	-8.9310	-510.52E-6	-1.0609	8.1355E-6
	-10.00000	34.00000	-8.50000	-9.3715	-8.9310	-640.82E-6	-1.1806	9.0500E-6
	-9.00000	34.00000	-8.50000	-10.043	-8.9310	-814.85E-6	-1.3198	10.112E-6
	-8.00000	34.00000	-8.50000	-10.768	-8.9310	-0.0010507	-1.4825	11.353E-6
	-7.00000	34.00000	-8.50000	-11.549	-8.9310	-0.0013751	-1.6738	12.809E-6
	-6.00000	34.00000	-8.50000	-12.389	-8.9310	-0.0018270	-1.8997	14.525E-6
	-5.00000	34.00000	-8.50000	-13.291	-8.9310	-0.0024624	-2.1671	16.552E-6
	-4.00000	34.00000	-8.50000	-14.256	-8.9310	-0.0033569	-2.4830	18.941E-6
	-3.00000	34.00000	-8.50000	-15.282	-8.9310	-0.0045999	-2.8533	21.731E-6
	-2.00000	34.00000	-8.50000	-16.362	-8.9310	-0.0062663	-3.2791	24.929E-6
	-1.00000	34.00000	-8.50000	-17.483	-8.9310	-0.0083545	-3.7531	28.477E-6
	0.00000	34.00000	-8.50000	-18.626	-8.9310	-0.0107020	-4.2558	32.235E-6
	1.00000	34.00000	-8.50000	-19.768	-8.9310	-0.013086	-4.7591	35.996E-6
	2.00000	34.00000	-8.50000	-20.885	-8.9310	-0.015176	-5.2347	39.557E-6
	3.00000	34.00000	-8.50000	-21.959	-8.9310	-0.016847	-5.6634	42.777E-6
	4.00000	34.00000	-8.50000	-22.976	-8.9310	-0.018097	-6.0377	45.598E-6
	5.00000	34.00000	-8.50000	-23.929	-8.9310	-0.019001	-6.3593	48.029E-6
	6.00000	34.00000	-8.50000	-24.818	-8.9310	-0.019649	-6.6340	50.112E-6
	7.00000	34.00000	-8.50000	-25.643	-8.9310	-0.020118	-6.8693	51.901E-6
	8.00000	34.00000	-8.50000	-26.407	-8.9310	-0.020466	-7.0732	53.452E-6
	9.00000	34.00000	-8.50000	-27.114	-8.9310	-0.020735	-7.2521	54.816E-6
	10.00000	34.00000	-8.50000	-27.770	-8.9310	-0.020957	-7.4127	56.041E-6
	11.00000	34.00000	-8.50000	-28.379	-8.9310	-0.021157	-7.5612	57.173E-6
	12.00000	34.00000	-8.50000	-28.949	-8.9310	-0.021362	-7.7039	58.261E-6
	13.00000	34.00000	-8.50000	-29.486	-8.9310	-0.021606	-7.8483	59.361E-6
	14.00000	34.00000	-8.50000	-29.999	-8.9310	-0.021940	-8.0041	60.543E-6
	15.00000	34.00000	-8.50000	-30.498	-8.9310	-0.022457	-8.1847	61.908E-6
	16.00000	34.00000	-8.50000	-30.994	-8.9310	-0.023343	-8.4112	63.609E-6
	17.00000	34.00000	-8.50000	-31.506	-8.9310	-0.024999	-8.7178	65.891E-6
	18.00000	34.00000	-8.50000	-32.052	-8.9310	-0.028364	-9.1638	69.165E-6
	19.00000	34.00000	-8.50000	-32.660	-8.9310	-0.035792	-9.8534	74.127E-6
	20.00000	34.00000	-8.50000	-33.359	-8.9310	-0.053399	-10.966	81.869E-6
	21.00000	34.00000	-8.50000	-34.163	-8.9310	-0.094981	-12.742	93.607E-6
	22.00000	34.00000	-8.50000	-35.033	-8.9310	-0.17125	-15.196	108.96E-6
	23.00000	34.00000	-8.50000	-35.840	-8.9310	-0.24751	-17.636	124.21E-6
	24.00000	34.00000	-8.50000	-36.454	-8.9310	-0.28905	-19.371	135.63E-6
	25.00000	34.00000	-8.50000	-36.834	-8.9310	-0.30658	-20.413	142.84E-6
	26.00000	34.00000	-8.50000	-36.992	-8.9310	-0.31389	-21.000	147.02E-6
	27.00000	34.00000	-8.50000	-36.951	-8.9310	-0.31708	-21.308	149.24E-6
	28.00000	34.00000	-8.50000	-36.733	-8.9310	-0.31848	-21.435	150.15E-6
	29.00000	34.00000	-8.50000	-36.349	-8.9310	-0.31900	-21.431	150.10E-6
	30.00000	34.00000	-8.50000	-35.807	-8.9310	-0.31896	-21.319	149.24E-6
	31.00000	34.00000	-8.50000	-35.106	-8.9310	-0.31844	-21.101	147.59E-6
	32.00000	34.00000	-8.50000	-34.241	-8.9310	-0.31731	-20.764	145.05E-6
	33.00000	34.00000	-8.50000	-33.200	-8.9310	-0.31514	-20.275	141.39E-6
	34.00000	34.00000	-8.50000	-31.969	-8.9310	-0.31097	-19.574	136.18E-6
	35.00000	34.00000	-8.50000	-30.528	-8.9310	-0.30234	-18.554	128.74E-6
	36.00000	34.00000	-8.50000	-28.857	-8.9310	-0.28310	-17.036	117.95E-6
	37.00000	34.00000	-8.50000	-26.957	-8.9310	-0.23943	-14.790	102.70E-6
	38.00000	34.00000	-8.50000	-24.887	-8.9310	-0.16078	-11.820	83.487E-6
	39.00000	34.00000	-8.50000	-22.799	-8.9310	-0.082131	-8.8469	64.247E-6
	40.00000	34.00000	-8.50000	-20.845	-8.9310	-0.038452	-6.5889	48.898E-6
	41.00000	34.00000	-8.50000	-19.084	-8.9310	-0.019177	-5.0511	37.961E-6
	42.00000	34.00000	-8.50000	-17.515	-8.9310	-0.010511	-4.0001	30.278E-6
	43.00000	34.00000	-8.50000	-16.114	-8.9310	-0.0062631	-3.2560	24.751E-6
	44.00000	34.00000	-8.50000	-14.860	-8.9310	-0.0039912	-2.7090	20.649E-6
	45.00000	34.00000	-8.50000	-13.732	-8.9310	-0.0026820	-2.2935	17.514E-6
	46.00000	34.00000	-8.50000	-12.712	-8.9310	-0.0018802	-1.9692	15.057E-6
	47.00000	34.00000	-8.50000	-11.786	-8.9310	-0.0013640	-1.7103	13.090E-6
	48.00000	34.00000	-8.50000	-10.943	-8.9310	-0.0010178	-1.4997	11.486E-6
	49.00000	34.00000	-8.50000	-10.172	-8.9310	-777.39E-6	-1.3257	10.160E-6
	50.00000	34.00000	-8.50000	-9.4655	-8.9310	-605.61E-6	-1.1801	9.0476E-6
	51.00000	34.00000	-8.50000	-8.8162	-8.9310	-479.80E-6	-1.0568	8.1050E-6
	52.00000	34.00000	-8.50000	-8.2184	-8.9310	-385.68E-6	-0.95134	7.2985E-6
	53.00000	34.00000	-8.50000	-7.6668	-8.9310	-313.97E-6	-0.86042	6.6026E-6
	54.00000	34.00000	-8.50000	-7.1569	-8.9310	-258.43E-6	-0.78142	5.9976E-6
	55.00000	34.00000	-8.50000	-6.6850	-8.9310	-214.81E-6	-0.71233	5.4682E-6
	56.00000	34.00000	-8.50000	-6.2475	-8.9310	-180.12E-6	-0.65154	5.0024E-6
	57.00000	34.00000	-8.50000	-5.8415	-8.9310	-152.22E-6	-0.59778	4.5902E-6
	58.00000	34.00000	-8.50000	-5.4643	-8.9310	-129.54E-6	-0.55001	4.2239E-6
	59.00000	34.00000	-8.50000	-5.1134	-8.9310	-110.95E-6	-0.50737	3.8968E-6
	60.00000	34.00000	-8.50000	-4.7868	-8.9310	-95.583E-6	-0.46916	3.6037E-6
	-20.00000	35.00000	-8.50000	-4.6367	-8.9310	-93.936E-6	-0.45614	3.5036E-6
	-19.00000	35.00000	-8.50000	-4.9456	-8.9310	-108.81E-6	-0.49229	3.7810E-6
	-18.00000	35.00000	-8.50000	-5.2761	-8.9310	-126.70E-6	-0.53243	4.0888E-6
	-17.00000	35.00000	-8.50000	-5.6299	-8.9310	-148.36E-6	-0.57713	4.4316E-6
	-16.00000	35.00000	-8.50000	-6.0088	-8.9310	-174.78E-6	-0.62708	4.8145E-6
	-15.00000	35.00000	-8.50000	-6.4147	-8.9310	-207.27E-6	-0.68306	5.2435E-6
	-14.00000	35.00000	-8.50000	-6.8498	-8.9310	-247.55E-6	-0.74605	5.7261E-6
	-13.00000	35.00000	-8.50000	-7.3162	-8.9310	-297.93E-6	-0.81718	6.2708E-6
	-12.00000	35.00000	-8.50000	-7.8163	-8.9310	-361.54E-6	-0.89781	6.8880E-6
	-11.00000	35.00000	-8.50000	-8.3527	-8.9310	-442.64E-6	-0.98958	7.5900E-6
	-10.00000	35.00000	-8.50000	-8.9278	-8.9310	-547.09E-6	-1.0944	8.3915E-6
	-9.00000	35.00000	-8.50000	-9.5442	-8.9310	-682.98E-6	-1.2147	9.3099E-6
	-8.00000	35.00000	-8.50000	-10.204	-8.9310	-861.46E-6	-1.3530	10.366E-6
	-7.00000	35.00000	-8.50000	-10.911	-8.9310	-0.0010978	-1.5126	11.582E-6
	-6.00000	35.00000	-8.50000	-11.664	-8.9310	-0.0014124	-1.6968	12.984E-6
	-5.00000	35.00000	-8.50000	-12.466	-8.9310	-0.0018313	-1.9092	14.598E-6
	-4.00000	35.00000	-8.50000	-13.315	-8.9310	-0.0023849	-2.1527	16.445E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-3.00000	35.00000	-8.50000	-14.208	-8.9310	-0.0031017	-2.4287	18.534E-6
	-2.00000	35.00000	-8.50000	-15.139	-8.9310	-0.0039964	-2.7357	20.855E-6
	-1.00000	35.00000	-8.50000	-16.096	-8.9310	-0.0050512	-3.0680	23.361E-6
	0.00000	35.00000	-8.50000	-17.068	-8.9310	-0.0062037	-3.4147	25.975E-6
	1.00000	35.00000	-8.50000	-18.039	-8.9310	-0.0073570	-3.7620	28.592E-6
	2.00000	35.00000	-8.50000	-18.992	-8.9310	-0.0084141	-4.0957	31.110E-6
	3.00000	35.00000	-8.50000	-19.916	-8.9310	-0.0093127	-4.4052	33.448E-6
	4.00000	35.00000	-8.50000	-20.799	-8.9310	-0.010035	-4.6848	35.565E-6
	5.00000	35.00000	-8.50000	-21.636	-8.9310	-0.010597	-4.9331	37.449E-6
	6.00000	35.00000	-8.50000	-22.423	-8.9310	-0.011027	-5.1520	39.113E-6
	7.00000	35.00000	-8.50000	-23.160	-8.9310	-0.011357	-5.3447	40.580E-6
	8.00000	35.00000	-8.50000	-23.847	-8.9310	-0.011615	-5.5154	41.880E-6
	9.00000	35.00000	-8.50000	-24.489	-8.9310	-0.011823	-5.6682	43.046E-6
	10.00000	35.00000	-8.50000	-25.086	-8.9310	-0.012000	-5.8075	44.109E-6
	11.00000	35.00000	-8.50000	-25.644	-8.9310	-0.012166	-5.9378	45.104E-6
	12.00000	35.00000	-8.50000	-26.168	-8.9310	-0.012337	-6.0640	46.066E-6
	13.00000	35.00000	-8.50000	-26.662	-8.9310	-0.012540	-6.1916	47.038E-6
	14.00000	35.00000	-8.50000	-27.132	-8.9310	-0.012810	-6.3279	48.074E-6
	15.00000	35.00000	-8.50000	-27.587	-8.9310	-0.013209	-6.4827	49.246E-6
	16.00000	35.00000	-8.50000	-28.035	-8.9310	-0.013851	-6.6699	50.656E-6
	17.00000	35.00000	-8.50000	-28.487	-8.9310	-0.014949	-6.9103	52.454E-6
	18.00000	35.00000	-8.50000	-28.954	-8.9310	-0.016925	-7.2345	54.856E-6
	19.00000	35.00000	-8.50000	-29.447	-8.9310	-0.020592	-7.6863	58.162E-6
	20.00000	35.00000	-8.50000	-29.975	-8.9310	-0.027371	-8.3185	62.711E-6
	21.00000	35.00000	-8.50000	-30.531	-8.9310	-0.038941	-9.1645	68.683E-6
	22.00000	35.00000	-8.50000	-31.084	-8.9310	-0.054990	-10.171	75.681E-6
	23.00000	35.00000	-8.50000	-31.580	-8.9310	-0.071027	-11.165	82.586E-6
	24.00000	35.00000	-8.50000	-31.961	-8.9310	-0.082560	-11.974	88.276E-6
	25.00000	35.00000	-8.50000	-32.195	-8.9310	-0.089273	-12.543	92.346E-6
	26.00000	35.00000	-8.50000	-32.275	-8.9310	-0.092839	-12.904	94.958E-6
	27.00000	35.00000	-8.50000	-32.203	-8.9310	-0.094668	-13.107	96.429E-6
	28.00000	35.00000	-8.50000	-31.987	-8.9310	-0.095557	-13.189	97.023E-6
	29.00000	35.00000	-8.50000	-31.633	-8.9310	-0.095900	-13.177	96.909E-6
	30.00000	35.00000	-8.50000	-31.144	-8.9310	-0.095865	-13.080	96.170E-6
	31.00000	35.00000	-8.50000	-30.521	-8.9310	-0.095490	-12.902	94.817E-6
	32.00000	35.00000	-8.50000	-29.760	-8.9310	-0.094702	-12.634	92.792E-6
	33.00000	35.00000	-8.50000	-28.858	-8.9310	-0.093295	-12.258	89.969E-6
	34.00000	35.00000	-8.50000	-27.807	-8.9310	-0.090837	-11.746	86.144E-6
	35.00000	35.00000	-8.50000	-26.604	-8.9310	-0.086497	-11.055	81.029E-6
	36.00000	35.00000	-8.50000	-25.251	-8.9310	-0.078847	-10.136	74.312E-6
	37.00000	35.00000	-8.50000	-23.764	-8.9310	-0.066229	-8.9619	65.866E-6
	38.00000	35.00000	-8.50000	-22.189	-8.9310	-0.049018	-7.5978	56.169E-6
	39.00000	35.00000	-8.50000	-20.597	-8.9310	-0.031803	-6.2302	46.446E-6
	40.00000	35.00000	-8.50000	-19.059	-8.9310	-0.019171	-5.0451	37.915E-6
	41.00000	35.00000	-8.50000	-17.620	-8.9310	-0.011497	-4.1066	31.051E-6
	42.00000	35.00000	-8.50000	-16.295	-8.9310	-0.0071175	-3.3872	25.721E-6
	43.00000	35.00000	-8.50000	-15.084	-8.9310	-0.0045987	-2.8358	21.597E-6
	44.00000	35.00000	-8.50000	-13.980	-8.9310	-0.0030985	-2.4076	18.373E-6
	45.00000	35.00000	-8.50000	-12.971	-8.9310	-0.0021669	-2.0693	15.814E-6
	46.00000	35.00000	-8.50000	-12.050	-8.9310	-0.0015648	-1.7975	13.752E-6
	47.00000	35.00000	-8.50000	-11.206	-8.9310	-0.0011613	-1.5757	12.065E-6
	48.00000	35.00000	-8.50000	-10.431	-8.9310	-882.14E-6	-1.3922	10.666E-6
	49.00000	35.00000	-8.50000	-9.7187	-8.9310	-683.56E-6	-1.2385	9.4928E-6
	50.00000	35.00000	-8.50000	-9.0622	-8.9310	-538.86E-6	-1.1083	8.4983E-6
	51.00000	35.00000	-8.50000	-8.4562	-8.9310	-431.16E-6	-0.99701	7.6476E-6
	52.00000	35.00000	-8.50000	-7.8959	-8.9310	-349.50E-6	-0.90111	6.9139E-6
	53.00000	35.00000	-8.50000	-7.3771	-8.9310	-286.57E-6	-0.81784	6.2764E-6
	54.00000	35.00000	-8.50000	-6.8961	-8.9310	-237.36E-6	-0.74506	5.7189E-6
	55.00000	35.00000	-8.50000	-6.4496	-8.9310	-198.39E-6	-0.68107	5.2286E-6
	56.00000	35.00000	-8.50000	-6.0347	-8.9310	-167.16E-6	-0.62452	4.7952E-6
	57.00000	35.00000	-8.50000	-5.6487	-8.9310	-141.88E-6	-0.57429	4.4101E-6
	58.00000	35.00000	-8.50000	-5.2894	-8.9310	-121.22E-6	-0.52949	4.0665E-6
	59.00000	35.00000	-8.50000	-4.9545	-8.9310	-104.19E-6	-0.48937	3.7587E-6
	60.00000	35.00000	-8.50000	-4.6422	-8.9310	-90.048E-6	-0.45331	3.4820E-6
	-20.00000	36.00000	-8.50000	-4.4806	-8.9310	-87.263E-6	-0.43849	3.3682E-6
	-19.00000	36.00000	-8.50000	-4.7739	-8.9310	-100.61E-6	-0.47220	3.6268E-6
	-18.00000	36.00000	-8.50000	-5.0871	-8.9310	-116.54E-6	-0.50947	3.9127E-6
	-17.00000	36.00000	-8.50000	-5.4216	-8.9310	-135.67E-6	-0.55077	4.2295E-6
	-16.00000	36.00000	-8.50000	-5.7788	-8.9310	-158.79E-6	-0.59668	4.5814E-6
	-15.00000	36.00000	-8.50000	-6.1604	-8.9310	-186.92E-6	-0.64784	4.9736E-6
	-14.00000	36.00000	-8.50000	-6.5680	-8.9310	-221.37E-6	-0.70501	5.4117E-6
	-13.00000	36.00000	-8.50000	-7.0035	-8.9310	-263.88E-6	-0.76910	5.9026E-6
	-12.00000	36.00000	-8.50000	-7.4686	-8.9310	-316.71E-6	-0.84113	6.4541E-6
	-11.00000	36.00000	-8.50000	-7.9652	-8.9310	-382.85E-6	-0.92231	7.0754E-6
	-10.00000	36.00000	-8.50000	-8.4951	-8.9310	-466.24E-6	-1.0140	7.7769E-6
	-9.00000	36.00000	-8.50000	-9.0600	-8.9310	-572.06E-6	-1.1179	8.5708E-6
	-8.00000	36.00000	-8.50000	-9.6614	-8.9310	-707.06E-6	-1.2356	9.4701E-6
	-7.00000	36.00000	-8.50000	-10.300	-8.9310	-879.85E-6	-1.3692	10.489E-6
	-6.00000	36.00000	-8.50000	-10.978	-8.9310	-0.0011010	-1.5204	11.642E-6
	-5.00000	36.00000	-8.50000	-11.692	-8.9310	-0.0013825	-1.6910	12.941E-6
	-4.00000	36.00000	-8.50000	-12.443	-8.9310	-0.0017364	-1.8819	14.393E-6
	-3.00000	36.00000	-8.50000	-13.226	-8.9310	-0.0021717	-2.0932	15.998E-6
	-2.00000	36.00000	-8.50000	-14.036	-8.9310	-0.0026888	-2.3230	17.741E-6
	-1.00000	36.00000	-8.50000	-14.865	-8.9310	-0.0032747	-2.5672	19.592E-6
	0.00000	36.00000	-8.50000	-15.703	-8.9310	-0.0039009	-2.8194	21.503E-6
	1.00000	36.00000	-8.50000	-16.539	-8.9310	-0.0045277	-3.0721	23.417E-6
	2.00000	36.00000	-8.50000	-17.363	-8.9310	-0.0051157	-3.3175	25.277E-6
	3.00000	36.00000	-8.50000	-18.166	-8.9310	-0.0056363	-3.5494	27.036E-6
	4.00000	36.00000	-8.50000	-18.938	-8.9310	-0.0060767	-3.7638	28.665E-6
	5.00000	36.00000	-8.50000	-19.676	-8.9310	-0.0064379	-3.9590	30.150E-6
	6.00000	36.00000	-8.50000	-20.375	-8.9310	-0.0067294	-4.1353	31.492E-6
	7.00000	36.00000	-8.50000	-21.034	-8.9310	-0.0069641	-4.2939	32.701E-6
	8.00000	36.00000	-8.50000	-21.653	-8.9310	-0.0071554	-4.4372	33.794E-6
	9.00000	36.00000	-8.50000	-22.233	-8.9310	-0.0073161	-4.5676	34.790E-6
	10.00000	36.00000	-8.50000	-22.777	-8.9310	-0.0074578	-4.6881	35.710E-6
	11.00000	36.00000	-8.50000	-23.286	-8.9310	-0.0075926	-4.8019	36.578E-6
	12.00000	36.00000	-8.50000	-23.764	-8.9310	-0.0077336	-4.9124	37.422E-6
	13.00000	36.00000	-8.50000	-24.216	-8.9310	-0.0078980	-5.0239	38.272E-6
	14.00000	36.00000	-8.50000	-24.645	-8.9310	-0.0081104	-5.1416	39.167E-6
	15.00000	36.00000	-8.50000	-25.057	-8.9310	-0.0084096	-5.2721	40.157E-6
	16.00000	36.00000	-8.50000	-25.458	-8.9310	-0.0088594	-5.4242	41.306E-6
	17.00000	36.00000	-8.50000	-25.853	-8.9310	-0.0095666	-5.6097	42.700E-6
	18.00000	36.00000	-8.50000	-26.249	-8.9310	-0.010707	-5.8434	44.445E-6
	19.00000	36.00000	-8.50000	-26.649	-8.9310	-0.012547	-6.1425	46.660E-6
	20.00000	36.00000	-8.50000	-27.053	-8.9310	-0.015417	-6.5208	49.437E-6
	21.00000	36.00000	-8.50000	-27.453	-8.9310	-0.019516	-6.9774	52.759E-6
	22.00000	36.00000	-8.50000	-27.828	-8.9310	-0.024533	-7.4818	56.407E-6
	23.00000	36.00000	-8.50000	-28.150	-8.9310	-0.029540	-7.9755	59.973E-6
	24.00000	36.00000	-8.50000	-28.390	-8.9310	-0.033606	-8.3993	63.044E-6
	25.00000	36.00000	-8.50000	-28.525	-8.9310	-0.036421	-8.7220	65.396E-6
	26.00000	36.00

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	57.00000	36.00000	-8.50000	-5.4545	-8.9310	-131.78E-6	-0.55088	4.2305E-6
	58.00000	36.00000	-8.50000	-5.1129	-8.9310	-113.06E-6	-0.50900	3.9093E-6
	59.00000	36.00000	-8.50000	-4.7939	-8.9310	-97.545E-6	-0.47136	3.6205E-6
	60.00000	36.00000	-8.50000	-4.4959	-8.9310	-84.592E-6	-0.43741	3.3600E-6
	-20.00000	37.00000	-8.50000	-4.4244	-8.9310	-80.879E-6	-0.42109	3.2346E-6
	-19.00000	37.00000	-8.50000	-4.6026	-8.9310	-92.804E-6	-0.45246	3.4753E-6
	-18.00000	37.00000	-8.50000	-4.8989	-8.9310	-106.93E-6	-0.48698	3.7402E-6
	-17.00000	37.00000	-8.50000	-5.2145	-8.9310	-123.76E-6	-0.52508	4.0324E-6
	-16.00000	37.00000	-8.50000	-5.5507	-8.9310	-143.91E-6	-0.56719	4.3553E-6
	-15.00000	37.00000	-8.50000	-5.9089	-8.9310	-168.17E-6	-0.61384	4.7130E-6
	-14.00000	37.00000	-8.50000	-6.2903	-8.9310	-197.53E-6	-0.66565	5.1101E-6
	-13.00000	37.00000	-8.50000	-6.6962	-8.9310	-233.27E-6	-0.72329	5.5517E-6
	-12.00000	37.00000	-8.50000	-7.1282	-8.9310	-277.00E-6	-0.78755	6.0439E-6
	-11.00000	37.00000	-8.50000	-7.5875	-8.9310	-330.80E-6	-0.85932	6.5933E-6
	-10.00000	37.00000	-8.50000	-8.0754	-8.9310	-397.28E-6	-0.93956	7.2074E-6
	-9.00000	37.00000	-8.50000	-8.5929	-8.9310	-479.72E-6	-1.0294	7.8942E-6
	-8.00000	37.00000	-8.50000	-9.1409	-8.9310	-582.16E-6	-1.1298	8.6621E-6
	-7.00000	37.00000	-8.50000	-9.7198	-8.9310	-709.42E-6	-1.2421	9.5196E-6
	-6.00000	37.00000	-8.50000	-10.329	-8.9310	-866.91E-6	-1.3672	10.474E-6
	-5.00000	37.00000	-8.50000	-10.968	-8.9310	-0.0010602	-1.5058	11.531E-6
	-4.00000	37.00000	-8.50000	-11.635	-8.9310	-0.0012940	-1.6581	12.692E-6
	-3.00000	37.00000	-8.50000	-12.326	-8.9310	-0.0015706	-1.8237	13.953E-6
	-2.00000	37.00000	-8.50000	-13.037	-8.9310	-0.0018879	-2.0009	15.300E-6
	-1.00000	37.00000	-8.50000	-13.761	-8.9310	-0.0022380	-2.1868	16.714E-6
	0.00000	37.00000	-8.50000	-14.492	-8.9310	-0.0026068	-2.3776	18.164E-6
	1.00000	37.00000	-8.50000	-15.221	-8.9310	-0.0029761	-2.5687	19.617E-6
	2.00000	37.00000	-8.50000	-15.940	-8.9310	-0.0033280	-2.7556	21.039E-6
	3.00000	37.00000	-8.50000	-16.643	-8.9310	-0.0036484	-2.9346	22.400E-6
	4.00000	37.00000	-8.50000	-17.323	-8.9310	-0.0039295	-3.1028	23.681E-6
	5.00000	37.00000	-8.50000	-17.975	-8.9310	-0.0041697	-3.2589	24.870E-6
	6.00000	37.00000	-8.50000	-18.598	-8.9310	-0.0043717	-3.4024	25.964E-6
	7.00000	37.00000	-8.50000	-19.188	-8.9310	-0.0045410	-3.5339	26.968E-6
	8.00000	37.00000	-8.50000	-19.745	-8.9310	-0.0046843	-3.6545	27.889E-6
	9.00000	37.00000	-8.50000	-20.270	-8.9310	-0.0048087	-3.7659	28.740E-6
	10.00000	37.00000	-8.50000	-20.763	-8.9310	-0.0049215	-3.8699	29.534E-6
	11.00000	37.00000	-8.50000	-21.227	-8.9310	-0.0050306	-3.9687	30.289E-6
	12.00000	37.00000	-8.50000	-21.663	-8.9310	-0.0051449	-4.0650	31.024E-6
	13.00000	37.00000	-8.50000	-22.074	-8.9310	-0.0052760	-4.1616	31.761E-6
	14.00000	37.00000	-8.50000	-22.463	-8.9310	-0.0054400	-4.2622	32.528E-6
	15.00000	37.00000	-8.50000	-22.834	-8.9310	-0.0056600	-4.3711	33.355E-6
	16.00000	37.00000	-8.50000	-23.190	-8.9310	-0.0059706	-4.4937	34.284E-6
	17.00000	37.00000	-8.50000	-23.535	-8.9310	-0.0064228	-4.6364	35.360E-6
	18.00000	37.00000	-8.50000	-23.870	-8.9310	-0.0070879	-4.8060	36.633E-6
	19.00000	37.00000	-8.50000	-24.197	-8.9310	-0.0080529	-5.0088	38.148E-6
	20.00000	37.00000	-8.50000	-24.512	-8.9310	-0.0093946	-5.2475	39.922E-6
	21.00000	37.00000	-8.50000	-24.808	-8.9310	-0.011119	-5.5169	41.915E-6
	22.00000	37.00000	-8.50000	-25.072	-8.9310	-0.013094	-5.8014	44.011E-6
	23.00000	37.00000	-8.50000	-25.288	-8.9310	-0.015060	-6.0762	46.034E-6
	24.00000	37.00000	-8.50000	-25.437	-8.9310	-0.016758	-6.3167	47.806E-6
	25.00000	37.00000	-8.50000	-25.507	-8.9310	-0.018053	-6.5063	49.204E-6
	26.00000	37.00000	-8.50000	-25.487	-8.9310	-0.018948	-6.6387	50.181E-6
	27.00000	37.00000	-8.50000	-25.375	-8.9310	-0.019513	-6.7148	50.740E-6
	28.00000	37.00000	-8.50000	-25.167	-8.9310	-0.019829	-6.7383	50.906E-6
	29.00000	37.00000	-8.50000	-24.864	-8.9310	-0.019952	-6.7129	50.705E-6
	30.00000	37.00000	-8.50000	-24.467	-8.9310	-0.019916	-6.6408	50.152E-6
	31.00000	37.00000	-8.50000	-23.975	-8.9310	-0.019727	-6.5221	49.248E-6
	32.00000	37.00000	-8.50000	-23.389	-8.9310	-0.019369	-6.3548	47.978E-6
	33.00000	37.00000	-8.50000	-22.711	-8.9310	-0.018799	-6.1351	46.315E-6
	34.00000	37.00000	-8.50000	-21.942	-8.9310	-0.017951	-5.8584	44.226E-6
	35.00000	37.00000	-8.50000	-21.088	-8.9310	-0.016742	-5.5206	41.684E-6
	36.00000	37.00000	-8.50000	-20.158	-8.9310	-0.015102	-5.1220	38.694E-6
	37.00000	37.00000	-8.50000	-19.167	-8.9310	-0.013033	-4.6712	35.323E-6
	38.00000	37.00000	-8.50000	-18.136	-8.9310	-0.010684	-4.1884	31.718E-6
	39.00000	37.00000	-8.50000	-17.090	-8.9310	-0.0083311	-3.7024	28.089E-6
	40.00000	37.00000	-8.50000	-16.054	-8.9310	-0.0062521	-3.2424	24.647E-6
	41.00000	37.00000	-8.50000	-15.048	-8.9310	-0.0045926	-2.8279	21.536E-6
	42.00000	37.00000	-8.50000	-14.085	-8.9310	-0.0033546	-2.4668	18.816E-6
	43.00000	37.00000	-8.50000	-13.175	-8.9310	-0.0024636	-2.1584	16.485E-6
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	46.00000	37.00000	-8.50000	-10.774	-8.9310	-0.0010572	-1.4884	11.398E-6
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	53.00000	37.00000	-8.50000	-6.7988	-8.9310	-235.41E-6	-0.73493	5.6411E-6
	54.00000	37.00000	-8.50000	-6.3738	-8.9310	-197.67E-6	-0.67388	5.1734E-6
	55.00000	37.00000	-8.50000	-5.9770	-8.9310	-167.21E-6	-0.61959	4.7573E-6
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	57.00000	37.00000	-8.50000	-5.2598	-8.9310	-122.01E-6	-0.52770	4.0527E-6
	58.00000	37.00000	-8.50000	-4.9357	-8.9310	-105.14E-6	-0.48866	3.7532E-6
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	60.00000	37.00000	-8.50000	-4.3485	-8.9310	-79.256E-6	-0.42156	3.2384E-6
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	-19.00000	38.00000	-8.50000	-4.4322	-8.9310	-85.438E-6	-0.43315	3.3272E-6
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	-16.00000	38.00000	-8.50000	-5.3256	-8.9310	-130.19E-6	-0.53873	4.1371E-6
	-15.00000	38.00000	-8.50000	-5.6613	-8.9310	-151.05E-6	-0.58122	4.4629E-6
	-14.00000	38.00000	-8.50000	-6.0176	-8.9310	-176.00E-6	-0.62810	4.8223E-6
	-13.00000	38.00000	-8.50000	-6.3957	-8.9310	-205.97E-6	-0.67990	5.2193E-6
	-12.00000	38.00000	-8.50000	-6.7966	-8.9310	-242.12E-6	-0.73721	5.6583E-6
	-11.00000	38.00000	-8.50000	-7.2211	-8.9310	-285.85E-6	-0.80065	6.1442E-6
	-10.00000	38.00000	-8.50000	-7.6701	-8.9310	-338.89E-6	-0.87092	6.6821E-6
	-9.00000	38.00000	-8.50000	-8.1442	-8.9310	-403.30E-6	-0.94871	7.2775E-6
	-8.00000	38.00000	-8.50000	-8.6438	-8.9310	-481.49E-6	-1.0347	7.9355E-6
	-7.00000	38.00000	-8.50000	-9.1687	-8.9310	-576.13E-6	-1.1296	8.6610E-6
	-6.00000	38.00000	-8.50000	-9.7185	-8.9310	-690.00E-6	-1.2339	9.4578E-6
	-5.00000	38.00000	-8.50000	-10.292	-8.9310	-825.64E-6	-1.3479	10.328E-6
	-4.00000	38.00000	-8.50000	-10.887	-8.9310	-984.81E-6	-1.4713	11.276E-6
	-3.00000	38.00000	-8.50000	-11.500	-8.9310	-0.0011677	-1.6036	12.279E-6
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	2.00000	38.00000	-8.50000	-14.681	-8.9310	-0.0022794	-2.3331	17.838E-6
	3.00000	38.00000	-8.50000	-15.301	-8.9310	-0.0024867	-2.4745	18.916E-6
	4.00000	38.00000	-8.50000	-15.903	-8.9310	-0.0026736	-2.6091	19.942E-6
	5.00000	38.00000	-8.50000	-16.483	-8.9310	-0.0028383	-2.7357	20.908E-6
	6.00000	38.00000	-8.50000	-17.039	-8.9310	-0.0029816	-2.8538	21.809E-6
	7.00000	38.00000	-8.50000	-17.568	-8.9310	-0.0031056	-2.9635	22.647E-6
	8.00000	38.00000	-8.50000	-18.070	-8.9310	-0.0032140	-3.0655	23.427E-6
	9.00000	38.00000	-8.50000	-18.544	-8.9310	-0.0033107	-3.1606	24.154E-6
	10.00000	38.00000	-8.50000	-18.991	-8.9310	-0.0034003	-3.2503	24.840E-6
	11.00000	38.00000	-8.50000	-19.412	-8.9310	-0.0034879	-3.3359	25.494E-6
	12.00000	38.00000	-8.50000	-19.808	-8.9310	-0.0035797	-3.4194	26.131E-6
	13.00000	38.00000	-8.50000	-20.181	-8.9310	-0.0036832	-3.5026	26.767E-6
	14.00000	38.00000	-8.50000	-20.533	-8.9310	-0.0038084	-3.5881	27.418E-6
	15.00000	38.00000	-8.50000	-20.866	-8.9310	-0.0039688	-3.6785	28.107E-6
	16.00000	38.00000	-8.50000	-21.181	-8.9310	-0.0041827	-3.7772	28.856E-6
	17.00000	38.00000	-8.50000	-21.481	-8.9310	-0.0044741	-3.8873	29.689E-6
	18.00000	38.00000	-8.50000	-21.766	-8.9310	-0.0048717	-4.0121	30.630E-6
	19.00000	38.00000	-8.50000	-22.035	-8.9310	-0.0054040	-4.1535	31.693E-6
	20.00000	38.00000	-8.50000	-22.285	-8.9310	-0.0060873	-4.3111	32.874E-6
	21.00000	38.00000	-8.50000	-22.509	-8.9310	-0.0069082	-4.4807	34.140E-6
	22.00000	38.00000	-8.50000	-22.700	-8.9310	-0.0078109	-4.6537	35.429E-6
	23.00000	38.00000	-8.50000	-22.846	-8.9310	-0.0087064	-4.8183	36.653E-6
	24.00000	38.00000	-8.50000	-22.936	-8.9310	-0.0095051	-4.9624	37.725E-6
	25.00000	38.00000	-8.50000	-22.962	-8.9310	-0.010150	-5.0770	38.576E-6
	26.00000	38.00000	-8.50000	-22.916	-8.9310	-0.010624	-5.1568	39.168E-6
	27.00000	38.00000	-8.50000	-22.794	-8.9310	-0.010941	-5.2002	39.487E-6
	28.00000	38.00000	-8.50000	-22.594	-8.9310	-0.011123	-5.2075	39.535E-6
	29.00000	38.00000	-8.50000	-22.314	-8.9310	-0.011191	-5.1796	39.317E-6
	30.00000	38.00000	-8.50000	-21.955	-8.9310	-0.011157	-5.1170	38.837E-6
	31.00000	38.00000	-8.50000	-21.518	-8.9310	-0.011023	-5.0197	38.095E-6
	32.00000	38.00000	-8.50000	-21.003	-8.9310	-0.010782	-4.8869	37.085E-6
	33.00000	38.00000	-8.50000	-20.413	-8.9310	-0.010416	-4.7171	35.797E-6
	34.00000	38.00000	-8.50000	-19.751	-8.9310	-0.0099016	-4.5093	34.222E-6
	35.00000	38.00000	-8.50000	-19.022	-8.9310	-0.0092140	-4.2632	32.361E-6

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	36.00000	38.00000	-8.50000	-18.236	-8.9310	-0.0083417	-3.9815	30.235E-6
	37.00000	38.00000	-8.50000	-17.404	-8.9310	-0.0073044	-3.6709	27.894E-6
	38.00000	38.00000	-8.50000	-16.540	-8.9310	-0.0061662	-3.3429	25.424E-6
	39.00000	38.00000	-8.50000	-15.663	-8.9310	-0.0050251	-3.0121	22.933E-6
	40.00000	38.00000	-8.50000	-14.788	-8.9310	-0.0039789	-2.6932	20.528E-6
	41.00000	38.00000	-8.50000	-13.930	-8.9310	-0.0030908	-2.3972	18.293E-6
	42.00000	38.00000	-8.50000	-13.101	-8.9310	-0.0023788	-2.1303	16.273E-6
	43.00000	38.00000	-8.50000	-12.307	-8.9310	-0.0018289	-1.8944	14.484E-6
	44.00000	38.00000	-8.50000	-11.553	-8.9310	-0.0014126	-1.6881	12.918E-6
	45.00000	38.00000	-8.50000	-10.840	-8.9310	-0.0010999	-1.5089	11.554E-6
	46.00000	38.00000	-8.50000	-10.170	-8.9310	-864.91E-6	-1.3534	10.368E-6
	47.00000	38.00000	-8.50000	-9.5398	-8.9310	-687.30E-6	-1.2182	9.3372E-6
	48.00000	38.00000	-8.50000	-8.9492	-8.9310	-551.95E-6	-1.1006	8.4383E-6
	49.00000	38.00000	-8.50000	-8.3958	-8.9310	-447.78E-6	-0.99769	7.6521E-6
	50.00000	38.00000	-8.50000	-7.8777	-8.9310	-366.77E-6	-0.90744	6.9617E-6
	51.00000	38.00000	-8.50000	-7.3925	-8.9310	-303.13E-6	-0.82793	6.3533E-6
	52.00000	38.00000	-8.50000	-6.9384	-8.9310	-252.62E-6	-0.75762	5.8148E-6
	53.00000	38.00000	-8.50000	-6.5132	-8.9310	-212.15E-6	-0.69518	5.3365E-6
	54.00000	38.00000	-8.50000	-6.1151	-8.9310	-179.42E-6	-0.63954	4.9101E-6
	55.00000	38.00000	-8.50000	-5.7422	-8.9310	-152.74E-6	-0.58976	4.5285E-6
	56.00000	38.00000	-8.50000	-5.3928	-8.9310	-130.80E-6	-0.54510	4.1860E-6
	57.00000	38.00000	-8.50000	-5.0654	-8.9310	-112.64E-6	-0.50488	3.8776E-6
	58.00000	38.00000	-8.50000	-4.7585	-8.9310	-97.501E-6	-0.46857	3.5990E-6
	59.00000	38.00000	-8.50000	-4.4707	-8.9310	-84.797E-6	-0.43568	3.3467E-6
	60.00000	38.00000	-8.50000	-4.2008	-8.9310	-74.075E-6	-0.40583	3.1176E-6
	-20.00000	39.00000	-8.50000	-4.0145	-8.9310	-69.090E-6	-0.38732	2.9755E-6
	-19.00000	39.00000	-8.50000	-4.2635	-8.9310	-78.529E-6	-0.41435	3.1829E-6
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	-16.00000	39.00000	-8.50000	-5.1043	-8.9310	-117.63E-6	-0.51139	3.9274E-6
	-15.00000	39.00000	-8.50000	-5.4185	-8.9310	-135.52E-6	-0.55005	4.2239E-6
	-14.00000	39.00000	-8.50000	-5.7511	-8.9310	-156.69E-6	-0.59245	4.5490E-6
	-13.00000	39.00000	-8.50000	-6.1029	-8.9310	-181.80E-6	-0.63899	4.9058E-6
	-12.00000	39.00000	-8.50000	-6.4746	-8.9310	-211.67E-6	-0.69010	5.2975E-6
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	-10.00000	39.00000	-8.50000	-7.2801	-8.9310	-289.68E-6	-0.80785	6.1994E-6
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	-8.00000	39.00000	-8.50000	-8.1703	-8.9310	-400.36E-6	-0.94940	7.2829E-6
	-7.00000	39.00000	-8.50000	-8.6471	-8.9310	-471.52E-6	-1.0301	7.9003E-6
	-6.00000	39.00000	-8.50000	-9.1440	-8.9310	-555.15E-6	-1.1178	8.5707E-6
	-5.00000	39.00000	-8.50000	-9.6599	-8.9310	-652.39E-6	-1.2124	9.2942E-6
	-4.00000	39.00000	-8.50000	-10.193	-8.9310	-763.78E-6	-1.3138	10.069E-6
	-3.00000	39.00000	-8.50000	-10.740	-8.9310	-888.98E-6	-1.4214	10.890E-6
	-2.00000	39.00000	-8.50000	-11.298	-8.9310	-0.0010264	-1.5341	11.751E-6
	-1.00000	39.00000	-8.50000	-11.863	-8.9310	-0.0011732	-1.6506	12.639E-6
	0.00000	39.00000	-8.50000	-12.432	-8.9310	-0.0013252	-1.7691	13.544E-6
	1.00000	39.00000	-8.50000	-12.998	-8.9310	-0.0014776	-1.8879	14.451E-6
	2.00000	39.00000	-8.50000	-13.558	-8.9310	-0.0016257	-2.0051	15.345E-6
	3.00000	39.00000	-8.50000	-14.108	-8.9310	-0.0017654	-2.1191	16.215E-6
	4.00000	39.00000	-8.50000	-14.643	-8.9310	-0.0018941	-2.2285	17.051E-6
	5.00000	39.00000	-8.50000	-15.161	-8.9310	-0.0020103	-2.3325	17.845E-6
	6.00000	39.00000	-8.50000	-15.658	-8.9310	-0.0021140	-2.4306	18.595E-6
	7.00000	39.00000	-8.50000	-16.133	-8.9310	-0.0022063	-2.5228	19.300E-6
	8.00000	39.00000	-8.50000	-16.585	-8.9310	-0.0022891	-2.6093	19.961E-6
	9.00000	39.00000	-8.50000	-17.014	-8.9310	-0.0023646	-2.6908	20.585E-6
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	12.00000	39.00000	-8.50000	-18.160	-8.9310	-0.0025791	-2.9142	22.292E-6
	13.00000	39.00000	-8.50000	-18.497	-8.9310	-0.0026602	-2.9856	22.838E-6
	14.00000	39.00000	-8.50000	-18.814	-8.9310	-0.0027553	-3.0580	23.390E-6
	15.00000	39.00000	-8.50000	-19.112	-8.9310	-0.0028722	-3.1331	23.962E-6
	16.00000	39.00000	-8.50000	-19.391	-8.9310	-0.0030204	-3.2126	24.567E-6
	17.00000	39.00000	-8.50000	-19.653	-8.9310	-0.0032111	-3.2984	25.218E-6
	18.00000	39.00000	-8.50000	-19.896	-8.9310	-0.0034560	-3.3917	25.924E-6
	19.00000	39.00000	-8.50000	-20.119	-8.9310	-0.0037642	-3.4929	26.688E-6
	20.00000	39.00000	-8.50000	-20.319	-8.9310	-0.0041377	-3.6009	27.502E-6
	21.00000	39.00000	-8.50000	-20.492	-8.9310	-0.0045660	-3.7129	28.343E-6
	22.00000	39.00000	-8.50000	-20.632	-8.9310	-0.0050239	-3.8238	29.175E-6
	23.00000	39.00000	-8.50000	-20.731	-8.9310	-0.0054758	-3.9273	29.950E-6
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	25.00000	39.00000	-8.50000	-20.779	-8.9310	-0.0062272	-4.0873	31.146E-6
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	27.00000	39.00000	-8.50000	-20.591	-8.9310	-0.0066682	-4.1576	31.667E-6
	28.00000	39.00000	-8.50000	-20.400	-8.9310	-0.0067721	-4.1548	31.640E-6
	29.00000	39.00000	-8.50000	-20.142	-8.9310	-0.0068064	-4.1263	31.419E-6
	30.00000	39.00000	-8.50000	-19.819	-8.9310	-0.0067754	-4.0720	31.003E-6
	31.00000	39.00000	-8.50000	-19.429	-8.9310	-0.0066796	-3.9918	30.391E-6
	32.00000	39.00000	-8.50000	-18.976	-8.9310	-0.0065157	-3.8855	29.581E-6
	33.00000	39.00000	-8.50000	-18.460	-8.9310	-0.0062769	-3.7528	28.571E-6
	34.00000	39.00000	-8.50000	-17.887	-8.9310	-0.0059553	-3.5939	27.364E-6
	35.00000	39.00000	-8.50000	-17.260	-8.9310	-0.0055449	-3.4099	25.968E-6
	36.00000	39.00000	-8.50000	-16.588	-8.9310	-0.0050471	-3.2035	24.404E-6
	37.00000	39.00000	-8.50000	-15.880	-8.9310	-0.0044766	-2.9796	22.708E-6
	38.00000	39.00000	-8.50000	-15.146	-8.9310	-0.0038632	-2.7449	20.932E-6
	39.00000	39.00000	-8.50000	-14.399	-8.9310	-0.0032473	-2.5078	19.136E-6
	40.00000	39.00000	-8.50000	-13.651	-8.9310	-0.0026693	-2.2763	17.383E-6
	41.00000	39.00000	-8.50000	-12.912	-8.9310	-0.0021584	-2.0572	15.721E-6
	42.00000	39.00000	-8.50000	-12.192	-8.9310	-0.0017278	-1.8548	14.185E-6
	43.00000	39.00000	-8.50000	-11.496	-8.9310	-0.0013775	-1.6712	12.789E-6
	44.00000	39.00000	-8.50000	-10.829	-8.9310	-0.0010986	-1.5068	11.538E-6
	45.00000	39.00000	-8.50000	-10.194	-8.9310	-879.50E-6	-1.3607	10.424E-6
	46.00000	39.00000	-8.50000	-9.5910	-8.9310	-708.18E-6	-1.2313	9.4370E-6
	47.00000	39.00000	-8.50000	-9.0209	-8.9310	-574.21E-6	-1.1170	8.5638E-6
	48.00000	39.00000	-8.50000	-8.4828	-8.9310	-469.11E-6	-1.0159	7.7911E-6
	49.00000	39.00000	-8.50000	-7.9759	-8.9310	-386.18E-6	-0.92639	7.1066E-6
	50.00000	39.00000	-8.50000	-7.4988	-8.9310	-320.32E-6	-0.84696	6.4988E-6
	51.00000	39.00000	-8.50000	-7.0500	-8.9310	-267.62E-6	-0.77630	5.9578E-6
	52.00000	39.00000	-8.50000	-6.6283	-8.9310	-225.13E-6	-0.71326	5.4750E-6
	53.00000	39.00000	-8.50000	-6.2319	-8.9310	-190.63E-6	-0.65687	5.0429E-6
	54.00000	39.00000	-8.50000	-5.8596	-8.9310	-162.39E-6	-0.60628	4.6551E-6
	55.00000	39.00000	-8.50000	-5.5097	-8.9310	-139.13E-6	-0.56075	4.3061E-6
	56.00000	39.00000	-8.50000	-5.1811	-8.9310	-119.84E-6	-0.51968	3.9911E-6
	57.00000	39.00000	-8.50000	-4.8723	-8.9310	-103.73E-6	-0.48252	3.7061E-6
	58.00000	39.00000	-8.50000	-4.5822	-8.9310	-90.201E-6	-0.44883	3.4476E-6
	59.00000	39.00000	-8.50000	-4.3095	-8.9310	-78.777E-6	-0.41820	3.2125E-6
	60.00000	39.00000	-8.50000	-4.0533	-8.9310	-69.079E-6	-0.39028	2.9983E-6
	-20.00000	40.00000	-8.50000	-3.8618	-8.9310	-63.718E-6	-0.37108	2.8508E-6

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	15.00000	40.00000	-8.50000	-17.542	-8.9310	-0.0021318	-2.6952	20.629E-6
	16.00000	40.00000	-8.50000	-17.789	-8.9310	-0.0022356	-2.7597	21.121E-6
	17.00000	40.00000	-8.50000	-18.017	-8.9310	-0.0023629	-2.8272	21.633E-6
	18.00000	40.00000	-8.50000	-18.225	-8.9310	-0.0025184	-2.8981	22.171E-6
	19.00000	40.00000	-8.50000	-18.412	-8.9310	-0.0027049	-2.9722	22.733E-6
	20.00000	40.00000	-8.50000	-18.575	-8.9310	-0.0029211	-3.0486	23.311E-6
	21.00000	40.00000	-8.50000	-18.710	-8.9310	-0.0031607	-3.1253	23.889E-6
	22.00000	40.00000	-8.50000	-18.814	-8.9310	-0.0034113	-3.1991	24.445E-6
	23.00000	40.00000	-8.50000	-18.880	-8.9310	-0.0036569	-3.2664	24.952E-6
	24.00000	40.00000	-8.50000	-18.905	-8.9310	-0.0038813	-3.3235	25.381E-6
	25.00000	40.00000	-8.50000	-18.883	-8.9310	-0.0040714	-3.3671	25.707E-6
	26.00000	40.00000	-8.50000	-18.810	-8.9310	-0.0042196	-3.3946	25.912E-6
	27.00000	40.00000	-8.50000	-18.685	-8.9310	-0.0043228	-3.4045	25.983E-6
	28.00000	40.00000	-8.50000	-18.505	-8.9310	-0.0043813	-3.3958	25.913E-6
	29.00000	40.00000	-8.50000	-18.268	-8.9310	-0.0043965	-3.3680	25.699E-6
	30.00000	40.00000	-8.50000	-17.976	-8.9310	-0.0043694	-3.3209	25.338E-6
	31.00000	40.00000	-8.50000	-17.629	-8.9310	-0.0042999	-3.2544	24.829E-6
	32.00000	40.00000	-8.50000	-17.228	-8.9310	-0.0041868	-3.1685	24.174E-6
	33.00000	40.00000	-8.50000	-16.776	-8.9310	-0.0040277	-3.0634	23.374E-6
	34.00000	40.00000	-8.50000	-16.276	-8.9310	-0.0038205	-2.9399	22.433E-6
	35.00000	40.00000	-8.50000	-15.733	-8.9310	-0.0035647	-2.7991	21.362E-6
	36.00000	40.00000	-8.50000	-15.154	-8.9310	-0.0032639	-2.6434	20.179E-6
	37.00000	40.00000	-8.50000	-14.544	-8.9310	-0.0029273	-2.4762	18.908E-6
	38.00000	40.00000	-8.50000	-13.914	-8.9310	-0.0025699	-2.3018	17.583E-6
	39.00000	40.00000	-8.50000	-13.271	-8.9310	-0.0022104	-2.1252	16.242E-6
	40.00000	40.00000	-8.50000	-12.625	-8.9310	-0.0018676	-1.9513	14.920E-6
	41.00000	40.00000	-8.50000	-11.983	-8.9310	-0.0015559	-1.7843	13.651E-6
	42.00000	40.00000	-8.50000	-11.354	-8.9310	-0.0012837	-1.6274	12.456E-6
	43.00000	40.00000	-8.50000	-10.741	-8.9310	-0.0010534	-1.4822	11.351E-6
	44.00000	40.00000	-8.50000	-10.150	-8.9310	-862.71E-6	-1.3497	10.340E-6
	45.00000	40.00000	-8.50000	-9.5618	-8.9310	-707.24E-6	-1.2297	9.4240E-6
	46.00000	40.00000	-8.50000	-9.0395	-8.9310	-581.51E-6	-1.1217	8.5995E-6
	47.00000	40.00000	-8.50000	-8.5234	-8.9310	-480.19E-6	-1.0247	7.8585E-6
	48.00000	40.00000	-8.50000	-8.0335	-8.9310	-398.58E-6	-0.93783	7.1940E-6
	49.00000	40.00000	-8.50000	-7.5694	-8.9310	-332.68E-6	-0.85995	6.5981E-6
	50.00000	40.00000	-8.50000	-7.1306	-8.9310	-279.28E-6	-0.79012	6.0635E-6
	51.00000	40.00000	-8.50000	-6.7161	-8.9310	-235.80E-6	-0.72741	5.5832E-6
	52.00000	40.00000	-8.50000	-6.3249	-8.9310	-200.21E-6	-0.67100	5.1511E-6
	53.00000	40.00000	-8.50000	-5.9560	-8.9310	-170.91E-6	-0.62016	4.7614E-6
	54.00000	40.00000	-8.50000	-5.6082	-8.9310	-146.65E-6	-0.57424	4.4094E-6
	55.00000	40.00000	-8.50000	-5.2806	-8.9310	-126.45E-6	-0.53268	4.0908E-6
	56.00000	40.00000	-8.50000	-4.9719	-8.9310	-109.54E-6	-0.49499	3.8017E-6
	57.00000	40.00000	-8.50000	-4.6811	-8.9310	-95.310E-6	-0.46073	3.5389E-6
	58.00000	40.00000	-8.50000	-4.4073	-8.9310	-83.270E-6	-0.42953	3.2994E-6
	59.00000	40.00000	-8.50000	-4.1494	-8.9310	-73.034E-6	-0.40104	3.0809E-6
	60.00000	40.00000	-8.50000	-3.9065	-8.9310	-64.291E-6	-0.37500	2.8810E-6
	-20.00000	41.00000	-8.50000	-3.7114	-8.9310	-58.701E-6	-0.35532	2.7299E-6
	-19.00000	41.00000	-8.50000	-3.9333	-8.9310	-66.109E-6	-0.37851	2.9079E-6
	-18.00000	41.00000	-8.50000	-4.1676	-8.9310	-74.633E-6	-0.40362	3.1006E-6
	-17.00000	41.00000	-8.50000	-4.4148	-8.9310	-84.460E-6	-0.43082	3.3093E-6
	-16.00000	41.00000	-8.50000	-4.6755	-8.9310	-95.812E-6	-0.46030	3.5355E-6
	-15.00000	41.00000	-8.50000	-4.9503	-8.9310	-108.95E-6	-0.49227	3.7808E-6
	-14.00000	41.00000	-8.50000	-5.2395	-8.9310	-124.17E-6	-0.52694	4.0467E-6
	-13.00000	41.00000	-8.50000	-5.5435	-8.9310	-141.82E-6	-0.56453	4.3350E-6
	-12.00000	41.00000	-8.50000	-5.8627	-8.9310	-162.29E-6	-0.60528	4.6475E-6
	-11.00000	41.00000	-8.50000	-6.1974	-8.9310	-186.03E-6	-0.64941	4.9857E-6
	-10.00000	41.00000	-8.50000	-6.5475	-8.9310	-213.50E-6	-0.69713	5.3514E-6
	-9.00000	41.00000	-8.50000	-6.9130	-8.9310	-245.22E-6	-0.74862	5.7460E-6
	-8.00000	41.00000	-8.50000	-7.2935	-8.9310	-281.69E-6	-0.80403	6.1704E-6
	-7.00000	41.00000	-8.50000	-7.6885	-8.9310	-323.35E-6	-0.86344	6.6254E-6
	-6.00000	41.00000	-8.50000	-8.0971	-8.9310	-370.57E-6	-0.92683	7.1107E-6
	-5.00000	41.00000	-8.50000	-8.5181	-8.9310	-423.51E-6	-0.99408	7.6255E-6
	-4.00000	41.00000	-8.50000	-8.9498	-8.9310	-482.12E-6	-1.0649	8.1675E-6
	-3.00000	41.00000	-8.50000	-9.3904	-8.9310	-545.99E-6	-1.1389	8.7338E-6
	-2.00000	41.00000	-8.50000	-9.8375	-8.9310	-614.34E-6	-1.2155	9.3197E-6
	-1.00000	41.00000	-8.50000	-10.289	-8.9310	-686.03E-6	-1.2940	9.9199E-6
	0.00000	41.00000	-8.50000	-10.741	-8.9310	-759.64E-6	-1.3735	10.528E-6
	1.00000	41.00000	-8.50000	-11.191	-8.9310	-833.58E-6	-1.4532	11.137E-6
	2.00000	41.00000	-8.50000	-11.637	-8.9310	-906.26E-6	-1.5321	11.741E-6
	3.00000	41.00000	-8.50000	-12.075	-8.9310	-976.32E-6	-1.6095	12.333E-6
	4.00000	41.00000	-8.50000	-12.502	-8.9310	-0.0010427	-1.6847	12.908E-6
	5.00000	41.00000	-8.50000	-12.918	-8.9310	-0.0011048	-1.7572	13.463E-6
	6.00000	41.00000	-8.50000	-13.319	-8.9310	-0.0011624	-1.8266	13.994E-6
	7.00000	41.00000	-8.50000	-13.704	-8.9310	-0.0012157	-1.8929	14.501E-6
	8.00000	41.00000	-8.50000	-14.072	-8.9310	-0.0012653	-1.9560	14.984E-6
	9.00000	41.00000	-8.50000	-14.422	-8.9310	-0.0013121	-2.0161	15.444E-6
	10.00000	41.00000	-8.50000	-14.753	-8.9310	-0.0013572	-2.0735	15.884E-6
	11.00000	41.00000	-8.50000	-15.066	-8.9310	-0.0014020	-2.1288	16.306E-6
	12.00000	41.00000	-8.50000	-15.360	-8.9310	-0.0014482	-2.1822	16.716E-6
	13.00000	41.00000	-8.50000	-15.635	-8.9310	-0.0014976	-2.2346	17.116E-6
	14.00000	41.00000	-8.50000	-15.892	-8.9310	-0.0015526	-2.2865	17.512E-6
	15.00000	41.00000	-8.50000	-16.130	-8.9310	-0.0016156	-2.3384	17.909E-6
	16.00000	41.00000	-8.50000	-16.349	-8.9310	-0.0016893	-2.3910	18.310E-6
	17.00000	41.00000	-8.50000	-16.548	-8.9310	-0.0017760	-2.4446	18.718E-6
	18.00000	41.00000	-8.50000	-16.728	-8.9310	-0.0018777	-2.4993	19.134E-6
	19.00000	41.00000	-8.50000	-16.885	-8.9310	-0.0019949	-2.5548	19.556E-6
	20.00000	41.00000	-8.50000	-17.019	-8.9310	-0.0021262	-2.6102	19.976E-6
	21.00000	41.00000	-8.50000	-17.126	-8.9310	-0.0022677	-2.6642	20.384E-6
	22.00000	41.00000	-8.50000	-17.203	-8.9310	-0.0024129	-2.7147	20.766E-6
	23.00000	41.00000	-8.50000	-17.247	-8.9310	-0.0025541	-2.7596	21.105E-6
	24.00000	41.00000	-8.50000	-17.253	-8.9310	-0.0026831	-2.7965	21.383E-6
	25.00000	41.00000	-8.50000	-17.219	-8.9310	-0.0027931	-2.8234	21.584E-6
	26.00000	41.00000	-8.50000	-17.142	-8.9310	-0.0028792	-2.8384	21.696E-6
	27.00000	41.00000	-8.50000	-17.020	-8.9310	-0.0029389	-2.8404	21.708E-6
	28.00000	41.00000	-8.50000	-16.850	-8.9310	-0.0029712	-2.8285	21.615E-6
	29.00000	41.00000	-8.50000	-16.634	-8.9310	-0.0029757	-2.8022	21.413E-6
	30.00000	41.00000	-8.50000	-16.370	-8.9310	-0.0029526	-2.7613	21.100E-6
	31.00000	41.00000	-8.50000	-16.060	-8.9310	-0.0029016	-2.7057	20.675E-6
	32.00000	41.00000	-8.50000	-15.705	-8.9310	-0.0028222	-2.6357	20.139E-6
	33.00000	41.00000	-8.50000	-15.307	-8.9310	-0.0027138	-2.5515	19.497E-6
	34.00000	41.00000	-8.50000	-14.869	-8.9310	-0.0025763	-2.4538	18.752E-6
	35.00000	41.00000	-8.50000	-14.396	-8.9310	-0.0024108	-2.3440	17.915E-6
	36.00000	41.00000	-8.50000	-13.892	-8.9310	-0.0022203	-2.2237	16.999E-6
	37.00000	41.00000	-8.50000	-13.363	-8.9310	-0.0020105	-2.0953	16.022E-6
	38.00000	41.00000	-8.50000	-12.816	-8.9310	-0.0017894	-1.9619	15.005E-6
	39.00000	41.00000	-8.50000	-12.258	-8.9310	-0.0015667	-1.8264	13.974E-6
	40.00000	41.00000	-8.50000	-11.695	-8.9310	-0.0013518	-1.6922	12.952E-6
	41.00000	41.00000	-8.50000	-11.134	-8.9310	-0.0011524	-1.5620	11.959E-6
	42.00000	41.00000	-8.50000	-10.581	-8.9310	-973.54E-6	-1.4379	11.013E-6
	43.00000	41.00000	-8.50000	-10.039	-8.9310	-817.61E-6	-1.3214	10.125E-6
	44.00000	41.00000	-8.50000	-9.5125	-8.9310	-684.51E-6	-1.2134	9.3001E-6
	45.00000	41.00000	-8.50000	-9.0042	-8.9310	-572.62E-6	-1.1141	8.5418E-6
	46.00000	41.00000	-8.50000	-8.5158	-8.9310	-479.51E-6	-1.0235	7.8487E-6
	47.00000	41.00000	-8.50000	-8.0483	-8.9310	-402.50E-6	-0.94098	7.2180E-6
	48.00000	41.00000	-8.50000	-7.6022	-8.9310	-338.97E-6	-0.86616	6.6455E-6
	49.00000	41.00000	-8.50000	-7.1776	-8.9310	-286.59E-6	-0.79837	6.1266E-6
	50.00000	41.00000	-8.50000	-6.7743	-8.9310	-243.34E-6	-0.73697	5.6564E-6
	51.00000	41.00000	-8.50000	-6.3917	-8.9310	-207.53E-6	-0.68135	5.2303E-6
	52.00000	41.00000	-8.50000	-6.0293	-8.9310	-177.78E-6	-0.63092	4.8439E-6
	53.00000	41.00000	-8.50000	-5.6864	-8.9310	-152.97E-6	-0.58514	4.4930E-6
	54.00000	41.00000	-8.50000	-5.3620	-8.9310	-132.19E-6	-0.54353	4.1739E-6
	55.00000	41.00000	-8.50000	-5.0555	-8.9310	-114.72E-6	-0.50565	3.8834E-6
	56.00000	41.00000	-8.50000	-4.7660	-8.9310	-99.947E-6	-0.47112	3.6185E-6
	57.00000	41.00000	-8.50000	-4.4926	-8.9310	-87.413E-6	-0.43958	3.3766E-6
	58.00000	41.00000	-8.50000	-4.2345	-8.9310	-76.730E-6	-0.41073	3.1552E-6
	59.00000	41.00000	-8.50000	-3.9909	-8.9310	-67.587E-6	-0.38429	2.9522E-6
	60.00000	41.00000	-8.50000	-3.7610	-8.9310	-59.730E-6	-0.36002	2.7660E-6
	-20.00000	42.00000	-8.50000	-3.5636	-8.9310	-54.035E-6	-0.34009	2.6130E-6
	-19.00000	42.00000	-8.50000	-3.7727	-8.9310	-60.585E-6	-0.36155	2.7777E-6
	-18.00000	42.00000	-8.50000	-3.9930	-8.9310	-68.070E-6	-0.38469	2.9553E-6
	-17.00000	42.00000	-8.50000	-4.2251	-8.9310	-76.634E-6	-0.40965	3.1469E-6
	-16.00000	42.00000	-8.50000	-4.4692	-8.9310	-86.447E-6	-0.43659	3.3536E-6
	-15.00000	42.00000	-8.50000	-4.7258	-8.9310	-97.703E-6	-0.46566	3.5767E-6
	-14.00000	42.00000	-8.50000	-4.9953	-8.9310	-110.62E-6	-0.49703	3.8173E-6
	-13.00000	42.00000	-8.50000	-5.2778	-8.9310	-125.45E-6	-0.53086	4.0768E-6
	-12.00000	42.00000	-8.50000	-5.5736	-8.9310	-142.46E-6	-0.56731	4.3563E-6
	-11.00000	42.00000	-8.50000	-5.8827	-8.9310	-161.95E-6	-0.60654	4.6572E-6
	-10.00000	42.00000	-8.50000	-6.2052	-8.9310	-184.23E-6	-0.64869	4.9803E-6
	-9.00000	42.00000	-8.50000	-6.5407	-8.9310	-209.61E-6	-0.69388	5.3266E-6
	-8.00000	42.00000	-8.50000	-6.8890	-8.9310	-238.39E-6	-0.74216	5.6966E-6
	-7.00000	42.00000	-8.50000	-7.2493	-8.9310	-270.82E-6	-0.79356	6.0904E-6

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-6.00000	42.00000	-8.50000	-7.6209	-8.9310	-307.06E-6	-0.84803	6.5076E-6
	-5.00000	42.00000	-8.50000	-8.0026	-8.9310	-347.16E-6	-0.90543	6.9472E-6
	-4.00000	42.00000	-8.50000	-8.3929	-8.9310	-390.99E-6	-0.96552	7.4073E-6
	-3.00000	42.00000	-8.50000	-8.7903	-8.9310	-438.24E-6	-1.0280	7.8852E-6
	-2.00000	42.00000	-8.50000	-9.1927	-8.9310	-488.37E-6	-1.0923	8.3777E-6
	-1.00000	42.00000	-8.50000	-9.5979	-8.9310	-540.64E-6	-1.1580	8.8805E-6
	0.00000	42.00000	-8.50000	-10.004	-8.9310	-594.17E-6	-1.2244	9.3890E-6
	1.00000	42.00000	-8.50000	-10.408	-8.9310	-647.97E-6	-1.2910	9.8984E-6
	2.00000	42.00000	-8.50000	-10.807	-8.9310	-701.08E-6	-1.3570	10.404E-6
	3.00000	42.00000	-8.50000	-11.200	-8.9310	-752.66E-6	-1.4220	10.901E-6
	4.00000	42.00000	-8.50000	-11.585	-8.9310	-802.05E-6	-1.4853	11.386E-6
	5.00000	42.00000	-8.50000	-11.958	-8.9310	-848.81E-6	-1.5466	11.855E-6
	6.00000	42.00000	-8.50000	-12.319	-8.9310	-892.79E-6	-1.6057	12.307E-6
	7.00000	42.00000	-8.50000	-12.667	-8.9310	-934.09E-6	-1.6623	12.741E-6
	8.00000	42.00000	-8.50000	-12.999	-8.9310	-973.03E-6	-1.7165	13.156E-6
	9.00000	42.00000	-8.50000	-13.315	-8.9310	-0.0010101	-1.7683	13.552E-6
	10.00000	42.00000	-8.50000	-13.615	-8.9310	-0.0010461	-1.8179	13.932E-6
	11.00000	42.00000	-8.50000	-13.898	-8.9310	-0.0010819	-1.8656	14.297E-6
	12.00000	42.00000	-8.50000	-14.164	-8.9310	-0.0011186	-1.9117	14.650E-6
	13.00000	42.00000	-8.50000	-14.412	-8.9310	-0.0011573	-1.9565	14.993E-6
	14.00000	42.00000	-8.50000	-14.643	-8.9310	-0.0011994	-2.0005	15.329E-6
	15.00000	42.00000	-8.50000	-14.855	-8.9310	-0.0012462	-2.0439	15.661E-6
	16.00000	42.00000	-8.50000	-15.049	-8.9310	-0.0012992	-2.0871	15.991E-6
	17.00000	42.00000	-8.50000	-15.225	-8.9310	-0.0013595	-2.1301	16.319E-6
	18.00000	42.00000	-8.50000	-15.380	-8.9310	-0.0014278	-2.1729	16.645E-6
	19.00000	42.00000	-8.50000	-15.514	-8.9310	-0.0015040	-2.2152	16.966E-6
	20.00000	42.00000	-8.50000	-15.624	-8.9310	-0.0015869	-2.2562	17.278E-6
	21.00000	42.00000	-8.50000	-15.710	-8.9310	-0.0016741	-2.2951	17.573E-6
	22.00000	42.00000	-8.50000	-15.767	-8.9310	-0.0017622	-2.3305	17.841E-6
	23.00000	42.00000	-8.50000	-15.795	-8.9310	-0.0018469	-2.3609	18.072E-6
	24.00000	42.00000	-8.50000	-15.789	-8.9310	-0.0019239	-2.3850	18.253E-6
	25.00000	42.00000	-8.50000	-15.748	-8.9310	-0.0019894	-2.4011	18.374E-6
	26.00000	42.00000	-8.50000	-15.669	-8.9310	-0.0020405	-2.4083	18.427E-6
	27.00000	42.00000	-8.50000	-15.552	-8.9310	-0.0020751	-2.4056	18.404E-6
	28.00000	42.00000	-8.50000	-15.394	-8.9310	-0.0020922	-2.3922	18.301E-6
	29.00000	42.00000	-8.50000	-15.196	-8.9310	-0.0020911	-2.3679	18.114E-6
	30.00000	42.00000	-8.50000	-14.958	-8.9310	-0.0020717	-2.3324	17.842E-6
	31.00000	42.00000	-8.50000	-14.680	-8.9310	-0.0020337	-2.2857	17.484E-6
	32.00000	42.00000	-8.50000	-14.364	-8.9310	-0.0019769	-2.2280	17.043E-6
	33.00000	42.00000	-8.50000	-14.012	-8.9310	-0.0019015	-2.1596	16.521E-6
	34.00000	42.00000	-8.50000	-13.627	-8.9310	-0.0018077	-2.0813	15.923E-6
	35.00000	42.00000	-8.50000	-13.212	-8.9310	-0.0016970	-1.9941	15.257E-6
	36.00000	42.00000	-8.50000	-12.771	-8.9310	-0.0015716	-1.8993	14.534E-6
	37.00000	42.00000	-8.50000	-12.310	-8.9310	-0.0014349	-1.7986	13.766E-6
	38.00000	42.00000	-8.50000	-11.832	-8.9310	-0.0012916	-1.6940	12.968E-6
	39.00000	42.00000	-8.50000	-11.344	-8.9310	-0.0011470	-1.5877	12.157E-6
	40.00000	42.00000	-8.50000	-10.850	-8.9310	-0.0010061	-1.4818	11.349E-6
	41.00000	42.00000	-8.50000	-10.356	-8.9310	-873.41E-6	-1.3782	10.559E-6
	42.00000	42.00000	-8.50000	-9.8671	-8.9310	-751.99E-6	-1.2785	9.7976E-6
	43.00000	42.00000	-8.50000	-9.3860	-8.9310	-643.62E-6	-1.1838	9.0743E-6
	44.00000	42.00000	-8.50000	-8.9162	-8.9310	-548.79E-6	-1.0949	8.3948E-6
	45.00000	42.00000	-8.50000	-8.4602	-8.9310	-467.07E-6	-1.0122	7.7620E-6
	46.00000	42.00000	-8.50000	-8.0197	-8.9310	-397.41E-6	-0.93557	7.1767E-6
	47.00000	42.00000	-8.50000	-7.5959	-8.9310	-338.47E-6	-0.86515	6.6378E-6
	48.00000	42.00000	-8.50000	-7.1896	-8.9310	-288.82E-6	-0.80057	6.1435E-6
	49.00000	42.00000	-8.50000	-6.8012	-8.9310	-247.10E-6	-0.74148	5.6909E-6
	50.00000	42.00000	-8.50000	-6.4306	-8.9310	-212.04E-6	-0.68747	5.2772E-6
	51.00000	42.00000	-8.50000	-6.0778	-8.9310	-182.57E-6	-0.63814	4.8992E-6
	52.00000	42.00000	-8.50000	-5.7423	-8.9310	-157.74E-6	-0.59307	4.5537E-6
	53.00000	42.00000	-8.50000	-5.4238	-8.9310	-136.77E-6	-0.55188	4.2379E-6
	54.00000	42.00000	-8.50000	-5.1216	-8.9310	-119.02E-6	-0.51421	3.9491E-6
	55.00000	42.00000	-8.50000	-4.8352	-8.9310	-103.93E-6	-0.47973	3.6846E-6
	56.00000	42.00000	-8.50000	-4.5640	-8.9310	-91.059E-6	-0.44813	3.4421E-6
	57.00000	42.00000	-8.50000	-4.3072	-8.9310	-80.049E-6	-0.41913	3.2196E-6
	58.00000	42.00000	-8.50000	-4.0643	-8.9310	-70.596E-6	-0.39249	3.0152E-6
	59.00000	42.00000	-8.50000	-3.8345	-8.9310	-62.450E-6	-0.36798	2.8271E-6
	60.00000	42.00000	-8.50000	-3.6172	-8.9310	-55.406E-6	-0.34540	2.6538E-6
	-20.00000	43.00000	-8.50000	-3.4187	-8.9310	-49.711E-6	-0.32540	2.5002E-6
	-19.00000	43.00000	-8.50000	-3.6156	-8.9310	-55.499E-6	-0.34525	2.6526E-6
	-18.00000	43.00000	-8.50000	-3.8227	-8.9310	-62.068E-6	-0.36657	2.8162E-6
	-17.00000	43.00000	-8.50000	-4.0403	-8.9310	-69.531E-6	-0.38947	2.9921E-6
	-16.00000	43.00000	-8.50000	-4.2688	-8.9310	-78.016E-6	-0.41409	3.1810E-6
	-15.00000	43.00000	-8.50000	-4.5084	-8.9310	-87.668E-6	-0.44054	3.3839E-6
	-14.00000	43.00000	-8.50000	-4.7593	-8.9310	-98.647E-6	-0.46894	3.6018E-6
	-13.00000	43.00000	-8.50000	-5.0218	-8.9310	-111.13E-6	-0.49941	3.8356E-6
	-12.00000	43.00000	-8.50000	-5.2958	-8.9310	-125.31E-6	-0.53207	4.0861E-6
	-11.00000	43.00000	-8.50000	-5.5815	-8.9310	-141.37E-6	-0.56703	4.3542E-6
	-10.00000	43.00000	-8.50000	-5.8786	-8.9310	-159.54E-6	-0.60437	4.6405E-6
	-9.00000	43.00000	-8.50000	-6.1869	-8.9310	-180.00E-6	-0.64415	4.9455E-6
	-8.00000	43.00000	-8.50000	-6.5059	-8.9310	-202.91E-6	-0.68640	5.2694E-6
	-7.00000	43.00000	-8.50000	-6.8351	-8.9310	-228.43E-6	-0.73111	5.6122E-6
	-6.00000	43.00000	-8.50000	-7.1736	-8.9310	-256.61E-6	-0.77821	5.9730E-6
	-5.00000	43.00000	-8.50000	-7.5204	-8.9310	-287.44E-6	-0.82755	6.3511E-6
	-4.00000	43.00000	-8.50000	-7.8742	-8.9310	-320.80E-6	-0.87894	6.7447E-6
	-3.00000	43.00000	-8.50000	-8.2336	-8.9310	-356.45E-6	-0.93210	7.1519E-6
	-2.00000	43.00000	-8.50000	-8.5969	-8.9310	-394.01E-6	-0.98667	7.5698E-6
	-1.00000	43.00000	-8.50000	-8.9622	-8.9310	-432.99E-6	-1.0422	7.9954E-6
	0.00000	43.00000	-8.50000	-9.3276	-8.9310	-472.83E-6	-1.0984	8.4252E-6
	1.00000	43.00000	-8.50000	-9.6911	-8.9310	-512.89E-6	-1.1546	8.8556E-6
	2.00000	43.00000	-8.50000	-10.051	-8.9310	-552.59E-6	-1.2104	9.2831E-6
	3.00000	43.00000	-8.50000	-10.405	-8.9310	-591.37E-6	-1.2654	9.7042E-6
	4.00000	43.00000	-8.50000	-10.751	-8.9310	-628.80E-6	-1.3192	10.116E-6
	5.00000	43.00000	-8.50000	-11.087	-8.9310	-664.61E-6	-1.3714	10.516E-6
	6.00000	43.00000	-8.50000	-11.413	-8.9310	-698.66E-6	-1.4219	10.903E-6
	7.00000	43.00000	-8.50000	-11.727	-8.9310	-730.99E-6	-1.4706	11.276E-6
	8.00000	43.00000	-8.50000	-12.027	-8.9310	-761.78E-6	-1.5173	11.633E-6
	9.00000	43.00000	-8.50000	-12.313	-8.9310	-791.38E-6	-1.5620	11.976E-6
	10.00000	43.00000	-8.50000	-12.585	-8.9310	-820.23E-6	-1.6049	12.305E-6
	11.00000	43.00000	-8.50000	-12.841	-8.9310	-848.89E-6	-1.6462	12.621E-6
	12.00000	43.00000	-8.50000	-13.081	-8.9310	-878.05E-6	-1.6859	12.925E-6
	13.00000	43.00000	-8.50000	-13.305	-8.9310	-908.42E-6	-1.7244	13.220E-6
	14.00000	43.00000	-8.50000	-13.512	-8.9310	-940.80E-6	-1.7618	13.505E-6
	15.00000	43.00000	-8.50000	-13.702	-8.9310	-975.99E-6	-1.7982	13.784E-6
	16.00000	43.00000	-8.50000	-13.874	-8.9310	-0.0010147	-1.8339	14.057E-6
	17.00000	43.00000	-8.50000	-14.028	-8.9310

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	54.00000	43.00000	-8.50000	-4.8876	-8.9310	-107.06E-6	-0.48632	3.7351E-6
	55.00000	43.00000	-8.50000	-4.6203	-8.9310	-94.057E-6	-0.45495	3.4945E-6
	56.00000	43.00000	-8.50000	-4.3665	-8.9310	-82.869E-6	-0.42606	3.2728E-6
	57.00000	43.00000	-8.50000	-4.1256	-8.9310	-73.218E-6	-0.39942	3.0684E-6
	58.00000	43.00000	-8.50000	-3.8972	-8.9310	-64.870E-6	-0.37485	2.8798E-6
	59.00000	43.00000	-8.50000	-3.6806	-8.9310	-57.628E-6	-0.35216	2.7056E-6
	60.00000	43.00000	-8.50000	-3.4755	-8.9310	-51.328E-6	-0.33118	2.5446E-6
	-20.00000	44.00000	-8.50000	-3.2770	-8.9310	-45.717E-6	-0.31127	2.3917E-6
	-19.00000	44.00000	-8.50000	-3.4623	-8.9310	-50.829E-6	-0.32962	2.5326E-6
	-18.00000	44.00000	-8.50000	-3.6569	-8.9310	-56.594E-6	-0.34926	2.6834E-6
	-17.00000	44.00000	-8.50000	-3.8608	-8.9310	-63.099E-6	-0.37029	2.8448E-6
	-16.00000	44.00000	-8.50000	-4.0745	-8.9310	-70.441E-6	-0.39279	3.0175E-6
	-15.00000	44.00000	-8.50000	-4.2981	-8.9310	-78.728E-6	-0.41686	3.2022E-6
	-14.00000	44.00000	-8.50000	-4.5318	-8.9310	-88.076E-6	-0.44260	3.3997E-6
	-13.00000	44.00000	-8.50000	-4.7756	-8.9310	-98.612E-6	-0.47008	3.6106E-6
	-12.00000	44.00000	-8.50000	-5.0295	-8.9310	-110.47E-6	-0.49939	3.8355E-6
	-11.00000	44.00000	-8.50000	-5.2936	-8.9310	-123.78E-6	-0.53061	4.0749E-6
	-10.00000	44.00000	-8.50000	-5.5675	-8.9310	-138.67E-6	-0.56377	4.3293E-6
	-9.00000	44.00000	-8.50000	-5.8509	-8.9310	-155.27E-6	-0.59892	4.5988E-6
	-8.00000	44.00000	-8.50000	-6.1435	-8.9310	-173.68E-6	-0.63605	4.8836E-6
	-7.00000	44.00000	-8.50000	-6.4447	-8.9310	-193.96E-6	-0.67513	5.1832E-6
	-6.00000	44.00000	-8.50000	-6.7535	-8.9310	-216.14E-6	-0.71609	5.4971E-6
	-5.00000	44.00000	-8.50000	-7.0692	-8.9310	-240.18E-6	-0.75879	5.8244E-6
	-4.00000	44.00000	-8.50000	-7.3906	-8.9310	-265.97E-6	-0.80306	6.1637E-6
	-3.00000	44.00000	-8.50000	-7.7164	-8.9310	-293.33E-6	-0.84868	6.5132E-6
	-2.00000	44.00000	-8.50000	-8.0452	-8.9310	-321.99E-6	-0.89536	6.8710E-6
	-1.00000	44.00000	-8.50000	-8.3754	-8.9310	-351.63E-6	-0.94280	7.2344E-6
	0.00000	44.00000	-8.50000	-8.7054	-8.9310	-381.87E-6	-0.99065	7.6010E-6
	1.00000	44.00000	-8.50000	-9.0335	-8.9310	-412.30E-6	-1.0385	7.9679E-6
	2.00000	44.00000	-8.50000	-9.3580	-8.9310	-442.54E-6	-1.0861	8.3325E-6
	3.00000	44.00000	-8.50000	-9.6772	-8.9310	-472.23E-6	-1.1331	8.6922E-6
	4.00000	44.00000	-8.50000	-9.9895	-8.9310	-501.07E-6	-1.1791	9.0447E-6
	5.00000	44.00000	-8.50000	-10.294	-8.9310	-528.88E-6	-1.2239	9.3881E-6
	6.00000	44.00000	-8.50000	-10.588	-8.9310	-555.57E-6	-1.2674	9.7210E-6
	7.00000	44.00000	-8.50000	-10.872	-8.9310	-581.12E-6	-1.3093	10.042E-6
	8.00000	44.00000	-8.50000	-11.143	-8.9310	-605.66E-6	-1.3497	10.352E-6
	9.00000	44.00000	-8.50000	-11.402	-8.9310	-629.38E-6	-1.3884	10.649E-6
	10.00000	44.00000	-8.50000	-11.648	-8.9310	-652.57E-6	-1.4256	10.934E-6
	11.00000	44.00000	-8.50000	-11.880	-8.9310	-675.59E-6	-1.4614	11.207E-6
	12.00000	44.00000	-8.50000	-12.096	-8.9310	-698.84E-6	-1.4957	11.470E-6
	13.00000	44.00000	-8.50000	-12.298	-8.9310	-722.78E-6	-1.5287	11.723E-6
	14.00000	44.00000	-8.50000	-12.485	-8.9310	-747.88E-6	-1.5606	11.967E-6
	15.00000	44.00000	-8.50000	-12.655	-8.9310	-774.56E-6	-1.5913	12.202E-6
	16.00000	44.00000	-8.50000	-12.808	-8.9310	-803.19E-6	-1.6209	12.429E-6
	17.00000	44.00000	-8.50000	-12.944	-8.9310	-834.01E-6	-1.6494	12.648E-6
	18.00000	44.00000	-8.50000	-13.062	-8.9310	-867.01E-6	-1.6766	12.854E-6
	19.00000	44.00000	-8.50000	-13.160	-8.9310	-901.94E-6	-1.7023	13.050E-6
	20.00000	44.00000	-8.50000	-13.237	-8.9310	-938.19E-6	-1.7260	13.231E-6
	21.00000	44.00000	-8.50000	-13.293	-8.9310	-974.83E-6	-1.7473	13.392E-6
	22.00000	44.00000	-8.50000	-13.325	-8.9310	-0.0010106	-1.7654	13.530E-6
	23.00000	44.00000	-8.50000	-13.333	-8.9310	-0.0010442	-1.7799	13.640E-6
	24.00000	44.00000	-8.50000	-13.314	-8.9310	-0.0010740	-1.7899	13.715E-6
	25.00000	44.00000	-8.50000	-13.267	-8.9310	-0.0010987	-1.7948	13.752E-6
	26.00000	44.00000	-8.50000	-13.192	-8.9310	-0.0011172	-1.7940	13.746E-6
	27.00000	44.00000	-8.50000	-13.087	-8.9310	-0.0011285	-1.7872	13.692E-6
	28.00000	44.00000	-8.50000	-12.952	-8.9310	-0.0011320	-1.7738	13.589E-6
	29.00000	44.00000	-8.50000	-12.787	-8.9310	-0.0011271	-1.7537	13.435E-6
	30.00000	44.00000	-8.50000	-12.592	-8.9310	-0.0011137	-1.7268	13.229E-6
	31.00000	44.00000	-8.50000	-12.368	-8.9310	-0.0010917	-1.6931	12.971E-6
	32.00000	44.00000	-8.50000	-12.116	-8.9310	-0.0010611	-1.6529	12.663E-6
	33.00000	44.00000	-8.50000	-11.838	-8.9310	-0.0010221	-1.6064	12.307E-6
	34.00000	44.00000	-8.50000	-11.536	-8.9310	-975.34E-6	-1.5541	11.906E-6
	35.00000	44.00000	-8.50000	-11.212	-8.9310	-921.52E-6	-1.4966	11.467E-6
	36.00000	44.00000	-8.50000	-10.869	-8.9310	-861.76E-6	-1.4347	10.994E-6
	37.00000	44.00000	-8.50000	-10.510	-8.9310	-797.52E-6	-1.3694	10.495E-6
	38.00000	44.00000	-8.50000	-10.139	-8.9310	-730.51E-6	-1.3017	9.9771E-6
	39.00000	44.00000	-8.50000	-9.7588	-8.9310	-662.58E-6	-1.2326	9.4491E-6
	40.00000	44.00000	-8.50000	-9.3732	-8.9310	-595.54E-6	-1.1633	8.9190E-6
	41.00000	44.00000	-8.50000	-8.9853	-8.9310	-531.01E-6	-1.0947	8.3942E-6
	42.00000	44.00000	-8.50000	-8.5983	-8.9310	-470.28E-6	-1.0276	7.8813E-6
	43.00000	44.00000	-8.50000	-8.2149	-8.9310	-414.23E-6	-0.96281	7.3857E-6
	44.00000	44.00000	-8.50000	-7.8374	-8.9310	-363.37E-6	-0.90087	6.9114E-6
	45.00000	44.00000	-8.50000	-7.4679	-8.9310	-317.85E-6	-0.84204	6.4611E-6
	46.00000	44.00000	-8.50000	-7.1079	-8.9310	-277.57E-6	-0.78659	6.0365E-6
	47.00000	44.00000	-8.50000	-6.7586	-8.9310	-242.22E-6	-0.73460	5.6383E-6
	48.00000	44.00000	-8.50000	-6.4210	-8.9310	-211.40E-6	-0.68606	5.2664E-6
	49.00000	44.00000	-8.50000	-6.0957	-8.9310	-184.64E-6	-0.64087	4.9201E-6
	50.00000	44.00000	-8.50000	-5.7831	-8.9310	-161.47E-6	-0.59892	4.5986E-6
	51.00000	44.00000	-8.50000	-5.4832	-8.9310	-141.45E-6	-0.56003	4.3004E-6
	52.00000	44.00000	-8.50000	-5.1963	-8.9310	-124.15E-6	-0.52402	4.0243E-6
	53.00000	44.00000	-8.50000	-4.9221	-8.9310	-109.20E-6	-0.49070	3.7687E-6
	54.00000	44.00000	-8.50000	-4.6605	-8.9310	-96.272E-6	-0.45986	3.5321E-6
	55.00000	44.00000	-8.50000	-4.4112	-8.9310	-85.073E-6	-0.43134	3.3133E-6
	56.00000	44.00000	-8.50000	-4.1739	-8.9310	-75.356E-6	-0.40494	3.1107E-6
	57.00000	44.00000	-8.50000	-3.9481	-8.9310	-66.908E-6	-0.38049	2.9231E-6
	58.00000	44.00000	-8.50000	-3.7335	-8.9310	-59.549E-6	-0.35785	2.7493E-6
	59.00000	44.00000	-8.50000	-3.5297	-8.9310	-53.123E-6	-0.33686	2.5881E-6
	60.00000	44.00000	-8.50000	-3.3363	-8.9310	-47.498E-6	-0.31738	2.4386E-6
	-20.00000	45.00000	-8.50000	-3.1388	-8.9310	-42.036E-6	-0.29771	2.2876E-6
	-19.00000	45.00000	-8.50000	-3.3131	-8.9310	-46.551E-6	-0.31467	2.4178E-6
	-18.00000	45.00000	-8.50000	-3.4957	-8.9310	-51.612E-6	-0.33276	2.5567E-6
	-17.00000	45.00000	-8.50000	-3.6868	-8.9310	-57.285E-6	-0.35206	2.7049E-6
	-16.00000	45.00000	-8.50000	-3.8866	-8.9310	-63.645E-6	-0.37264	2.8629E-6
	-15.00000	45.00000	-8.50000	-4.0952	-8.9310	-70.771E-6	-0.39457	3.0312E-6
	-14.00000	45.00000	-8.50000	-4.3128	-8.9310	-78.748E-6	-0.41791	3.2103E-6
	-13.00000	45.00000	-8.50000	-4.5392	-8.9310	-87.666E-6	-0.44274	3.4008E-6
	-12.00000	45.00000	-8.50000	-4.7746	-8.9310	-97.617E-6	-0.46909	3.6031E-6
	-11.00000	45.00000	-8.50000	-5.0187	-8.9310	-108.69E-6	-0.49703	3.8174E-6
	-10.00000	45.00000	-8.50000	-5.2713	-8.9310	-120.97E-6	-0.52657	4.0440E-6
	-9.00000	45.00000	-8.50000	-5.5322	-8.9310	-134.54E-6	-0.55773	4.2830E-6
	-8.00000	45.00000	-8.50000	-5.8008	-8.9310	-149.44E-6	-0.59048	4.5342E-6
	-7.00000	45.00000	-8.50000	-6.0766	-8.9310	-165.72E-6	-0.62480	4.7978E-6
	-6.00000	45.00000	-8.50000	-6.3589	-8.9310	-183.37E-6	-0.66060	5.0719E-6
	-5.00000	45.00000	-8.50000	-6.6467	-8.9310	-202.35E-6	-0.69777	5.3569E-6
	-4.00000	45.00000	-8.50000	-6.9393	-8.9310	-222.56E-6	-0.73616	5.6512E-6
	-3.00000	45.00000	-8.50000	-7.2353	-8.9310	-243.88E-6	-0.77558	5.9534E-6
	-2.00000	45.00000	-8.50000	-7.5335	-8.9310	-266.11E-6	-0.81582	6.2618E-6
	-1.00000	45.00000	-8.50000	-7.8327	-8.9310	-289.03E-6	-0.85663	6.5746E-6
	0.00000	45.00000	-8.50000	-8.1315	-8.9310	-312.38E-6	-0.89773	6.8896E-6
	1.00000	45.00000	-8.50000	-8.4283	-8.9310	-335.90E-6	-0.93886	7.2048E-6
	2.00000	45.00000	-8.50000	-8.7217	-8.9310	-359.31E-6	-0.97973	7.5181E-6
	3.00000	45.00000	-8.50000	-9.0104	-8.9310	-382.39E-6	-1.0201	7.8274E-6
	4.00000	45.00000	-8.50000	-9.2928	-8.9310	-404.93E-6	-1.0597	8.1310E-6
	5.00000	45.00000	-8.50000	-9.5679	-8.9310	-426.81E-6	-1.0984	8.4273E-6
	6.00000	45.00000	-8.50000	-9.8343	-8.9310	-447.94E-6	-1.1359	8.7152E-6
	7.00000	45.00000	-8.50000	-10.091	-8.9310	-468.32E-6	-1.1722	8.9936E-6
	8.00000	45.00000	-8.50000	-10.337	-8.9310	-488.00E-6	-1.2073	9.2619E-6
	9.00000	45.00000	-8.50000	-10.572	-8.9310	-507.11E-6	-1.2409	9.5200E-6
	10.00000	45.00000	-8.50000	-10.794	-8.9310	-525.83E-6	-1.2732	9.7676E-6
	11.00000	45.00000	-8.50000	-11.004	-8.9310	-544.37E-6	-1.3042	10.005E-6
	12.00000	45.00000	-8.50000	-11.200	-8.9310	-562.98E-6	-1.3339	10.232E-6
	13.00000	45.00000	-8.50000	-11.382	-8.9310	-581.94E-6	-1.3623	10.450E-6
	14.00000	45.00000	-8.50000	-11.549	-8.9310	-601.52E-6	-1.3896	10.659E-6
	15.00000	45.00000	-8.50000	-11.702	-8.9310	-621.95E-6	-1.4156	10.858E-6
	16.00000	45.00000	-8.50000	-11.838	-8.9310	-643.42E-6	-1.4404	11.048E-6
	17.00000	45.00000	-8.50000	-11.959	-8.9310	-666.00E-6	-1.4639	11.227E-6
	18.00000	45.00000	-8.50000	-12.062	-8.9310	-689.64E-6	-1.4859	11.396E-6
	19.00000	45.00000	-8.50000	-12.146	-8.9310	-714.12E-6	-1.5063	11.551E-6
	20.00000	45.00000	-8.50000	-12.212	-8.9310	-739.01E-6	-1.5247	11.691E-6
	21.00000	45.00000	-8.50000	-12.257	-8.9310	-763.70E-6	-1.5407	11.814E-6
	22.00000	45.00000	-8.50000	-12.281	-8.9310	-787.41E-6	-1.5540	11.915E-6
	23.00000	45.00000	-8.50000	-12.283	-8.9310	-809.29E-6	-1.5640	11.990E-6
	24.00000	45.00000	-8.50000	-12.261	-8.9310	-828.41E-6	-1.5702	12.038E-6
	25.00000	45.00000	-8.50000	-12.214	-8.9310	-843.93E-6	-1.5723	12.053E-6
	26.00000	45.00000	-8.50000	-12.141	-8.9310	-855.07E-6	-1.5697	12.032E-6
	27.00000	45.00000	-8.50000	-12.043	-8.9310	-861.22E-6	-1.5622	11.974E-6
	28.00000	45.00000	-8.50000	-11.919	-8.9310	-861.90E-6	-1.5495	11.877E-6
	29.00000	45.00000	-8.50000	-11.768	-8.9310	-856.81E-6	-1.5314	11.738E-6
	30.00000	45.00000	-8.50000	-11.592	-8.9310	-845.74E-6	-1.5080	11.558E-6
	31.00000	45.00000	-8.50000	-11.390	-8.9310	-828.64E-6	-1.4792	11.337E-6
	32.00000	45.00000	-8.50000	-11.165	-8.9310	-805.60E-6	-1.4451	11.077E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	33.00000	45.00000	-8.50000	-10.917	-8.9310	-776.82E-6	-1.4062	10.779E-6
	34.00000	45.00000	-8.50000	-10.647	-8.9310	-742.71E-6	-1.3627	10.446E-6
	35.00000	45.00000	-8.50000	-10.359	-8.9310	-703.83E-6	-1.3152	10.082E-6
	36.00000	45.00000	-8.50000	-10.055	-8.9310	-660.97E-6	-1.2643	9.6922E-6
	37.00000	45.00000	-8.50000	-9.7364	-8.9310	-615.09E-6	-1.2106	9.2814E-6
	38.00000	45.00000	-8.50000	-9.4068	-8.9310	-567.29E-6	-1.1549	8.8555E-6
	39.00000	45.00000	-8.50000	-9.0690	-8.9310	-518.74E-6	-1.0980	8.4206E-6
	40.00000	45.00000	-8.50000	-8.7258	-8.9310	-470.58E-6	-1.0408	7.9825E-6
	41.00000	45.00000	-8.50000	-8.3799	-8.9310	-423.86E-6	-0.98389	7.5471E-6
	42.00000	45.00000	-8.50000	-8.0338	-8.9310	-379.43E-6	-0.92797	7.1191E-6
	43.00000	45.00000	-8.50000	-7.6899	-8.9310	-337.93E-6	-0.87360	6.7028E-6
	44.00000	45.00000	-8.50000	-7.3503	-8.9310	-299.75E-6	-0.82120	6.3016E-6
	45.00000	45.00000	-8.50000	-7.0166	-8.9310	-265.09E-6	-0.77110	5.9179E-6
	46.00000	45.00000	-8.50000	-6.6904	-8.9310	-233.97E-6	-0.72351	5.5534E-6
	47.00000	45.00000	-8.50000	-6.3728	-8.9310	-206.25E-6	-0.67855	5.2089E-6
	48.00000	45.00000	-8.50000	-6.0647	-8.9310	-181.73E-6	-0.63625	4.8847E-6
	49.00000	45.00000	-8.50000	-5.7668	-8.9310	-160.16E-6	-0.59660	4.5808E-6
	50.00000	45.00000	-8.50000	-5.4796	-8.9310	-141.24E-6	-0.55953	4.2965E-6
	51.00000	45.00000	-8.50000	-5.2033	-8.9310	-124.68E-6	-0.52494	4.0313E-6
	52.00000	45.00000	-8.50000	-4.9380	-8.9310	-110.22E-6	-0.49272	3.7841E-6
	53.00000	45.00000	-8.50000	-4.6838	-8.9310	-97.591E-6	-0.46272	3.5541E-6
	54.00000	45.00000	-8.50000	-4.4406	-8.9310	-86.561E-6	-0.43483	3.3401E-6
	55.00000	45.00000	-8.50000	-4.2083	-8.9310	-76.922E-6	-0.40889	3.1410E-6
	56.00000	45.00000	-8.50000	-3.9865	-8.9310	-68.490E-6	-0.38478	2.9560E-6
	57.00000	45.00000	-8.50000	-3.7751	-8.9310	-61.104E-6	-0.36236	2.7839E-6
	58.00000	45.00000	-8.50000	-3.5737	-8.9310	-54.623E-6	-0.34150	2.6238E-6
	59.00000	45.00000	-8.50000	-3.3821	-8.9310	-48.929E-6	-0.32209	2.4748E-6
	60.00000	45.00000	-8.50000	-3.1998	-8.9310	-43.915E-6	-0.30403	2.3361E-6
	-20.00000	46.00000	-8.50000	-3.0043	-8.9310	-38.651E-6	-0.28470	2.1877E-6
	-19.00000	46.00000	-8.50000	-3.1681	-8.9310	-42.640E-6	-0.30038	2.3081E-6
	-18.00000	46.00000	-8.50000	-3.3394	-8.9310	-47.085E-6	-0.31706	2.4361E-6
	-17.00000	46.00000	-8.50000	-3.5184	-8.9310	-52.037E-6	-0.33478	2.5722E-6
	-16.00000	46.00000	-8.50000	-3.7052	-8.9310	-57.553E-6	-0.35361	2.7168E-6
	-15.00000	46.00000	-8.50000	-3.8998	-8.9310	-63.692E-6	-0.37361	2.8703E-6
	-14.00000	46.00000	-8.50000	-4.1023	-8.9310	-70.515E-6	-0.39481	3.0330E-6
	-13.00000	46.00000	-8.50000	-4.3126	-8.9310	-78.088E-6	-0.41726	3.2053E-6
	-12.00000	46.00000	-8.50000	-4.5308	-8.9310	-86.472E-6	-0.44100	3.3875E-6
	-11.00000	46.00000	-8.50000	-4.7566	-8.9310	-95.729E-6	-0.46605	3.5798E-6
	-10.00000	46.00000	-8.50000	-4.9897	-8.9310	-105.92E-6	-0.49244	3.7822E-6
	-9.00000	46.00000	-8.50000	-5.2299	-8.9310	-117.07E-6	-0.52014	3.9948E-6
	-8.00000	46.00000	-8.50000	-5.4768	-8.9310	-129.24E-6	-0.54915	4.2173E-6
	-7.00000	46.00000	-8.50000	-5.7297	-8.9310	-142.42E-6	-0.57941	4.4494E-6
	-6.00000	46.00000	-8.50000	-5.9880	-8.9310	-156.61E-6	-0.61085	4.6906E-6
	-5.00000	46.00000	-8.50000	-6.2509	-8.9310	-171.76E-6	-0.64338	4.9400E-6
	-4.00000	46.00000	-8.50000	-6.5176	-8.9310	-187.80E-6	-0.67686	5.1967E-6
	-3.00000	46.00000	-8.50000	-6.7871	-8.9310	-204.63E-6	-0.71115	5.4596E-6
	-2.00000	46.00000	-8.50000	-7.0582	-8.9310	-222.12E-6	-0.74606	5.7273E-6
	-1.00000	46.00000	-8.50000	-7.3299	-8.9310	-240.10E-6	-0.78139	5.9982E-6
	0.00000	46.00000	-8.50000	-7.6009	-8.9310	-258.41E-6	-0.81695	6.2708E-6
	1.00000	46.00000	-8.50000	-7.8700	-8.9310	-276.84E-6	-0.85250	6.5434E-6
	2.00000	46.00000	-8.50000	-8.1359	-8.9310	-295.23E-6	-0.88783	6.8143E-6
	3.00000	46.00000	-8.50000	-8.3974	-8.9310	-313.42E-6	-0.92274	7.0819E-6
	4.00000	46.00000	-8.50000	-8.6533	-8.9310	-331.26E-6	-0.95704	7.3448E-6
	5.00000	46.00000	-8.50000	-8.9025	-8.9310	-348.65E-6	-0.99056	7.6018E-6
	6.00000	46.00000	-8.50000	-9.1440	-8.9310	-365.55E-6	-1.0232	7.8517E-6
	7.00000	46.00000	-8.50000	-9.3767	-8.9310	-381.92E-6	-1.0547	8.0938E-6
	8.00000	46.00000	-8.50000	-9.5997	-8.9310	-397.81E-6	-1.0852	8.3274E-6
	9.00000	46.00000	-8.50000	-9.8124	-8.9310	-413.29E-6	-1.1145	8.5521E-6
	10.00000	46.00000	-8.50000	-10.014	-8.9310	-428.45E-6	-1.1426	8.7677E-6
	11.00000	46.00000	-8.50000	-10.204	-8.9310	-443.44E-6	-1.1696	8.9741E-6
	12.00000	46.00000	-8.50000	-10.381	-8.9310	-458.39E-6	-1.1953	9.1713E-6
	13.00000	46.00000	-8.50000	-10.545	-8.9310	-473.49E-6	-1.2198	9.3593E-6
	14.00000	46.00000	-8.50000	-10.696	-8.9310	-488.87E-6	-1.2432	9.5381E-6
	15.00000	46.00000	-8.50000	-10.833	-8.9310	-504.66E-6	-1.2653	9.7075E-6
	16.00000	46.00000	-8.50000	-10.955	-8.9310	-520.95E-6	-1.2861	9.8671E-6
	17.00000	46.00000	-8.50000	-11.061	-8.9310	-537.74E-6	-1.3057	10.016E-6
	18.00000	46.00000	-8.50000	-11.152	-8.9310	-554.98E-6	-1.3237	10.154E-6
	19.00000	46.00000	-8.50000	-11.225	-8.9310	-572.46E-6	-1.3400	10.279E-6
	20.00000	46.00000	-8.50000	-11.281	-8.9310	-589.90E-6	-1.3545	10.389E-6
	21.00000	46.00000	-8.50000	-11.318	-8.9310	-606.88E-6	-1.3667	10.483E-6
	22.00000	46.00000	-8.50000	-11.336	-8.9310	-622.91E-6	-1.3765	10.557E-6
	23.00000	46.00000	-8.50000	-11.333	-8.9310	-637.44E-6	-1.3834	10.609E-6
	24.00000	46.00000	-8.50000	-11.309	-8.9310	-649.88E-6	-1.3871	10.638E-6
	25.00000	46.00000	-8.50000	-11.263	-8.9310	-659.67E-6	-1.3873	10.639E-6
	26.00000	46.00000	-8.50000	-11.195	-8.9310	-666.32E-6	-1.3837	10.611E-6
	27.00000	46.00000	-8.50000	-11.103	-8.9310	-669.41E-6	-1.3761	10.552E-6
	28.00000	46.00000	-8.50000	-10.989	-8.9310	-668.62E-6	-1.3642	10.461E-6
	29.00000	46.00000	-8.50000	-10.852	-8.9310	-663.71E-6	-1.3480	10.337E-6
	30.00000	46.00000	-8.50000	-10.692	-8.9310	-654.57E-6	-1.3275	10.179E-6
	31.00000	46.00000	-8.50000	-10.510	-8.9310	-641.16E-6	-1.3027	9.9891E-6
	32.00000	46.00000	-8.50000	-10.307	-8.9310	-623.55E-6	-1.2738	9.7673E-6
	33.00000	46.00000	-8.50000	-10.085	-8.9310	-601.92E-6	-1.2409	9.5155E-6
	34.00000	46.00000	-8.50000	-9.8444	-8.9310	-576.58E-6	-1.2044	9.2362E-6
	35.00000	46.00000	-8.50000	-9.5874	-8.9310	-547.94E-6	-1.1647	8.9322E-6
	36.00000	46.00000	-8.50000	-9.3159	-8.9310	-516.54E-6	-1.1223	8.6073E-6
	37.00000	46.00000	-8.50000	-9.0322	-8.9310	-483.03E-6	-1.0777	8.2654E-6
	38.00000	46.00000	-8.50000	-8.7385	-8.9310	-448.15E-6	-1.0314	7.9111E-6
	39.00000	46.00000	-8.50000	-8.4372	-8.9310	-412.66E-6	-0.98403	7.5487E-6
	40.00000	46.00000	-8.50000	-8.1306	-8.9310	-377.30E-6	-0.93625	7.1828E-6
	41.00000	46.00000	-8.50000	-7.8210	-8.9310	-342.78E-6	-0.88857	6.8177E-6
	42.00000	46.00000	-8.50000	-7.5105	-8.9310	-309.67E-6	-0.84150	6.4573E-6
	43.00000	46.00000	-8.50000	-7.2013	-8.9310	-278.42E-6	-0.79548	6.1048E-6
	44.00000	46.00000	-8.50000	-6.8949	-8.9310	-249.34E-6	-0.75087	5.7630E-6
	45.00000	46.00000	-8.50000	-6.5931	-8.9310	-222.62E-6	-0.70793	5.4341E-6
	46.00000	46.00000	-8.50000	-6.2970	-8.9310	-198.32E-6	-0.66687	5.1194E-6
	47.00000	46.00000	-8.50000	-6.0079	-8.9310	-176.40E-6	-0.62782	4.8201E-6
	48.00000	46.00000	-8.50000	-5.7265	-8.9310	-156.78E-6	-0.59084	4.5366E-6
	49.00000	46.00000	-8.50000	-5.4536	-8.9310	-139.29E-6	-0.55594	4.2691E-6
	50.00000	46.00000	-8.50000	-5.1896	-8.9310	-123.78E-6	-0.52312	4.0173E-6
	51.00000	46.00000	-8.50000	-4.9349	-8.9310	-110.06E-6	-0.49231	3.7810E-6
	52.00000	46.00000	-8.50000	-4.6897	-8.9310	-97.944E-6	-0.46344	3.5596E-6
	53.00000	46.00000

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	12.00000	47.00000	-8.50000	-9.6313	-8.9310	-376.80E-6	-1.0757	8.2553E-6
	13.00000	47.00000	-8.50000	-9.7797	-8.9310	-388.88E-6	-1.0969	8.4180E-6
	14.00000	47.00000	-8.50000	-9.9155	-8.9310	-401.04E-6	-1.1170	8.5718E-6
	15.00000	47.00000	-8.50000	-10.038	-8.9310	-413.36E-6	-1.1359	8.7165E-6
	16.00000	47.00000	-8.50000	-10.147	-8.9310	-425.85E-6	-1.1535	8.8516E-6
	17.00000	47.00000	-8.50000	-10.242	-8.9310	-438.52E-6	-1.1698	8.9764E-6
	18.00000	47.00000	-8.50000	-10.322	-8.9310	-451.27E-6	-1.1847	9.0900E-6
	19.00000	47.00000	-8.50000	-10.386	-8.9310	-463.97E-6	-1.1979	9.1913E-6
	20.00000	47.00000	-8.50000	-10.433	-8.9310	-476.40E-6	-1.2094	9.2788E-6
	21.00000	47.00000	-8.50000	-10.464	-8.9310	-488.30E-6	-1.2188	9.3510E-6
	22.00000	47.00000	-8.50000	-10.477	-8.9310	-499.33E-6	-1.2261	9.4061E-6
	23.00000	47.00000	-8.50000	-10.471	-8.9310	-509.12E-6	-1.2308	9.4420E-6
	24.00000	47.00000	-8.50000	-10.446	-8.9310	-517.29E-6	-1.2328	9.4571E-6
	25.00000	47.00000	-8.50000	-10.402	-8.9310	-523.48E-6	-1.2319	9.4494E-6
	26.00000	47.00000	-8.50000	-10.338	-8.9310	-527.36E-6	-1.2277	9.4175E-6
	27.00000	47.00000	-8.50000	-10.253	-8.9310	-528.65E-6	-1.2203	9.3600E-6
	28.00000	47.00000	-8.50000	-10.148	-8.9310	-527.11E-6	-1.2093	9.2761E-6
	29.00000	47.00000	-8.50000	-10.023	-8.9310	-522.61E-6	-1.1949	9.1652E-6
	30.00000	47.00000	-8.50000	-9.8777	-8.9310	-515.05E-6	-1.1769	9.0273E-6
	31.00000	47.00000	-8.50000	-9.7135	-8.9310	-504.41E-6	-1.1555	8.8629E-6
	32.00000	47.00000	-8.50000	-9.5311	-8.9310	-490.78E-6	-1.1307	8.6729E-6
	33.00000	47.00000	-8.50000	-9.3315	-8.9310	-474.27E-6	-1.1027	8.4586E-6
	34.00000	47.00000	-8.50000	-9.1159	-8.9310	-455.13E-6	-1.0719	8.2222E-6
	35.00000	47.00000	-8.50000	-8.8858	-8.9310	-433.65E-6	-1.0384	7.9659E-6
	36.00000	47.00000	-8.50000	-8.6431	-8.9310	-410.21E-6	-1.0027	7.6925E-6
	37.00000	47.00000	-8.50000	-8.3894	-8.9310	-385.27E-6	-0.96522	7.4052E-6
	38.00000	47.00000	-8.50000	-8.1267	-8.9310	-359.31E-6	-0.92634	7.1074E-6
	39.00000	47.00000	-8.50000	-7.8569	-8.9310	-332.85E-6	-0.88653	6.8025E-6
	40.00000	47.00000	-8.50000	-7.5821	-8.9310	-306.40E-6	-0.84626	6.4941E-6
	41.00000	47.00000	-8.50000	-7.3042	-8.9310	-280.42E-6	-0.80596	6.1853E-6
	42.00000	47.00000	-8.50000	-7.0249	-8.9310	-255.33E-6	-0.76601	5.8792E-6
	43.00000	47.00000	-8.50000	-6.7461	-8.9310	-231.45E-6	-0.72676	5.5785E-6
	44.00000	47.00000	-8.50000	-6.4692	-8.9310	-209.01E-6	-0.68852	5.2854E-6
	45.00000	47.00000	-8.50000	-6.1956	-8.9310	-188.18E-6	-0.65151	5.0017E-6
	46.00000	47.00000	-8.50000	-5.9266	-8.9310	-169.02E-6	-0.61591	4.7289E-6
	47.00000	47.00000	-8.50000	-5.6630	-8.9310	-151.55E-6	-0.58185	4.4677E-6
	48.00000	47.00000	-8.50000	-5.4058	-8.9310	-135.73E-6	-0.54940	4.2189E-6
	49.00000	47.00000	-8.50000	-5.1556	-8.9310	-121.49E-6	-0.51862	3.9828E-6
	50.00000	47.00000	-8.50000	-4.9130	-8.9310	-108.72E-6	-0.48949	3.7594E-6
	51.00000	47.00000	-8.50000	-4.6782	-8.9310	-97.308E-6	-0.46200	3.5485E-6
	52.00000	47.00000	-8.50000	-4.4516	-8.9310	-87.137E-6	-0.43611	3.3499E-6
	53.00000	47.00000	-8.50000	-4.2333	-8.9310	-78.088E-6	-0.41177	3.1632E-6
	54.00000	47.00000	-8.50000	-4.0233	-8.9310	-70.044E-6	-0.38891	2.9876E-6
	55.00000	47.00000	-8.50000	-3.8218	-8.9310	-62.899E-6	-0.36745	2.8230E-6
	56.00000	47.00000	-8.50000	-3.6286	-8.9310	-56.552E-6	-0.34734	2.6686E-6
	57.00000	47.00000	-8.50000	-3.4436	-8.9310	-50.912E-6	-0.32848	2.5238E-6
	58.00000	47.00000	-8.50000	-3.2666	-8.9310	-45.898E-6	-0.31081	2.3882E-6
	59.00000	47.00000	-8.50000	-3.0975	-8.9310	-41.438E-6	-0.29425	2.2610E-6
	60.00000	47.00000	-8.50000	-2.9361	-8.9310	-37.465E-6	-0.27873	2.1418E-6
	-20.00000	48.00000	-8.50000	-2.7467	-8.9310	-32.694E-6	-0.26035	2.0007E-6
	-19.00000	48.00000	-8.50000	-2.8913	-8.9310	-35.812E-6	-0.27376	2.1037E-6
	-18.00000	48.00000	-8.50000	-3.0419	-8.9310	-39.250E-6	-0.28794	2.2126E-6
	-17.00000	48.00000	-8.50000	-3.1987	-8.9310	-43.038E-6	-0.30291	2.3276E-6
	-16.00000	48.00000	-8.50000	-3.3618	-8.9310	-47.207E-6	-0.31872	2.4489E-6
	-15.00000	48.00000	-8.50000	-3.5310	-8.9310	-51.791E-6	-0.33538	2.5769E-6
	-14.00000	48.00000	-8.50000	-3.7065	-8.9310	-56.823E-6	-0.35293	2.7116E-6
	-13.00000	48.00000	-8.50000	-3.8881	-8.9310	-62.334E-6	-0.37138	2.8533E-6
	-12.00000	48.00000	-8.50000	-4.0757	-8.9310	-68.356E-6	-0.39075	3.0019E-6
	-11.00000	48.00000	-8.50000	-4.2691	-8.9310	-74.915E-6	-0.41104	3.1577E-6
	-10.00000	48.00000	-8.50000	-4.4680	-8.9310	-82.034E-6	-0.43225	3.3204E-6
	-9.00000	48.00000	-8.50000	-4.6721	-8.9310	-89.729E-6	-0.45436	3.4901E-6
	-8.00000	48.00000	-8.50000	-4.8811	-8.9310	-98.006E-6	-0.47733	3.6664E-6
	-7.00000	48.00000	-8.50000	-5.0944	-8.9310	-106.86E-6	-0.50113	3.8490E-6
	-6.00000	48.00000	-8.50000	-5.3115	-8.9310	-116.28E-6	-0.52570	4.0375E-6
	-5.00000	48.00000	-8.50000	-5.5318	-8.9310	-126.23E-6	-0.55096	4.2313E-6
	-4.00000	48.00000	-8.50000	-5.7545	-8.9310	-136.66E-6	-0.57681	4.4297E-6
	-3.00000	48.00000	-8.50000	-5.9789	-8.9310	-147.53E-6	-0.60315	4.6318E-6
	-2.00000	48.00000	-8.50000	-6.2041	-8.9310	-158.74E-6	-0.62987	4.8367E-6
	-1.00000	48.00000	-8.50000	-6.4293	-8.9310	-170.23E-6	-0.65682	5.0435E-6
	0.00000	48.00000	-8.50000	-6.6536	-8.9310	-181.90E-6	-0.68388	5.2510E-6
	1.00000	48.00000	-8.50000	-6.8760	-8.9310	-193.66E-6	-0.71090	5.4583E-6
	2.00000	48.00000	-8.50000	-7.0955	-8.9310	-205.42E-6	-0.73774	5.6641E-6
	3.00000	48.00000	-8.50000	-7.3112	-8.9310	-217.09E-6	-0.76426	5.8676E-6
	4.00000	48.00000	-8.50000	-7.5223	-8.9310	-228.61E-6	-0.79034	6.0676E-6
	5.00000	48.00000	-8.50000	-7.7277	-8.9310	-239.93E-6	-0.81586	6.2633E-6
	6.00000	48.00000	-8.50000	-7.9267	-8.9310	-250.99E-6	-0.84072	6.4540E-6
	7.00000	48.00000	-8.50000	-8.1185	-8.9310	-261.79E-6	-0.86482	6.6389E-6
	8.00000	48.00000	-8.50000	-8.3022	-8.9310	-272.33E-6	-0.88810	6.8174E-6
	9.00000	48.00000	-8.50000	-8.4773	-8.9310	-282.62E-6	-0.91049	6.9891E-6
	10.00000	48.00000	-8.50000	-8.6430	-8.9310	-292.70E-6	-0.93194	7.1536E-6
	11.00000	48.00000	-8.50000	-8.7987	-8.9310	-302.60E-6	-0.95242	7.3106E-6
	12.00000	48.00000	-8.50000	-8.9439	-8.9310	-312.39E-6	-0.97188	7.4598E-6
	13.00000	48.00000	-8.50000	-9.0780	-8.9310	-322.10E-6	-0.99029	7.6010E-6
	14.00000	48.00000	-8.50000	-9.2005	-8.9310	-331.79E-6	-1.0076	7.7338E-6
	15.00000	48.00000	-8.50000	-9.3108	-8.9310	-341.47E-6	-1.0238	7.8579E-6
	16.00000	48.00000	-8.50000	-9.4084	-8.9310	-351.16E-6	-1.0388	7.9727E-6
	17.00000	48.00000	-8.50000	-9.4927	-8.9310	-360.82E-6	-1.0525	8.0777E-6
	18.00000	48.00000	-8.50000	-9.5631	-8.9310	-370.38E-6	-1.0648	8.1721E-6
	19.00000	48.00000	-8.50000	-9.6191	-8.9310	-379.75E-6	-1.0757	8.2550E-6
	20.00000	48.00000	-8.50000	-9.6601	-8.9310	-388.76E-6	-1.0849	8.3251E-6
	21.00000	48.00000	-8.50000	-9.6854	-8.9310	-397.22E-6	-1.0922	8.3814E-6
	22.00000	48.00000	-8.50000	-9.6945	-8.9310	-404.92E-6	-1.0976	8.4223E-6
	23.00000	48.00000	-8.50000	-9.6869	-8.9310	-411.60E-6	-1.1008	8.4466E-6
	24.00000	48.00000	-8.50000	-9.6621	-8.9310	-417.01E-6	-1.1016	8.4529E-6
	25.00000	48.00000	-8.50000	-9.6196	-8.9310	-420.91E-6	-1.1000	8.4399E-6
	26.00000	48.00000	-8.50000	-9.5593	-8.9310	-423.07E-6	-1.0956	8.4064E-6
	27.00000	48.00000	-8.50000	-9.4810	-8.9310	-423.30E-6	-1.0885	8.3516E-6
	28.00000	48.00000	-8.50000	-9.3847	-8.9310	-421.46E-6	-1.0785	8.2749E-6
	29.00000	48.00000	-8.50000	-9.2705	-8.9310	-417.43E-6	-1.0656	8.1760E-6
	30.00000	48.00000	-8.50000	-9.1389	-8.9310	-411.16E-6	-1.0498	8.0549E-6
	31.00000	48.00000	-8.50000	-8.9905	-8.9310	-402.65E-6	-1.0312	7.9121E-6
	32.00000	48.00000	-8.50000	-8.8260	-8.9310	-391.96E-6	-1.0099	7.7483E-6
	33.00000	48.00000	-8.50000	-8.6463	-8.9310	-379.19E-6	-0.98593	7.5648E-6
	34.00000	48.00000	-8.50000	-8.4526	-8.9310	-364.51E-6	-0.95963	7.3632E-6
	35.00000	48.00000	-8.50000	-8.2461	-8.9310	-348.14E-6	-0.93120	7.1453E-6
	36.00000	48.00000	-8.50000	-8.0283	-8.9310	-330.36E-6	-0.90093	6.9134E-6
	37.00000	48.00000	-8.50000	-7.8008	-8.9310	-311.46E-6	-0.86916	6.6699E-6
	38.00000	48.00000	-8.50000	-7.5651	-8.9310	-291.81E-6	-0.83621	6.4174E-6
	39.00000	48.00000	-8.50000	-7.3229	-8.9310	-271.75E-6	-0.80245	6.1587E-6
	40.00000	48.00000	-8.50000	-7.0759	-8.9310	-251.63E-6	-0.76823	5.8965E-6
	41.00000	48.00000	-8.50000	-6.8257	-8.9310	-231.78E-6	-0.73388	5.6332E-6
	42.00000	48.00000	-8.50000	-6.5739	-8.9310	-212.48E-6	-0.69972	5.3714E-6
	43.00000	48.00000	-8.50000	-6.3219	-8.9310	-193.98E-6	-0.66603	5.1131E-6
	44.00000	48.00000	-8.50000	-6.0711	-8.9310	-176.46E-6	-0.63304	4.8603E-6
	45.00000	48.00000	-8.50000	-5.8228	-8.9310	-160.04E-6	-0.60097	4.6144E-6
	46.00000	48.00000	-8.50000	-5.5779	-8.9310	-144.80E-6	-0.56996	4.3766E-6
	47.00000	48.00000	-8.50000	-5.3374	-8.9310	-130.77E-6	-0.54013	4.1479E-6
	48.00000	48.00000	-8.50000	-5.1021	-8.9310	-117.94E-6	-0.51158	3.9288E-6
	49.00000	48.00000	-8.50000	-4.8726	-8.9310	-106.27E-6	-0.48433	3.7199E-6
	50.00000	48.00000	-8.50000	-4.6494	-8.9310	-95.711E-6	-0.45843	3.5211E-6
	51.00000	48.00000	-8.50000	-4.4329	-8.9310	-86.190E-6	-0.43386	3.3326E-6
	52.00000	48.00000	-8.50000	-4.2234	-8.9310	-77.629E-6	-0.41061	3.1542E-6
	53.00000	48.00000	-8.50000	-4.0212	-8.9310	-69.948E-6	-0.38864	2.9856E-6
	54.00000	48.00000	-8.50000	-3.8262	-8.9310	-63.067E-6	-0.36792	2.8266E-6
	55.00000	48.00000	-8.50000	-3.6386	-8.9310	-56.907E-6	-0.34840	2.6768E-6
	56.00000	48.00000	-8.50000	-3.4584	-8.9310	-51.397E-6	-0.33002	2.5357E-6
	57.00000	48.00000	-8.50000	-3.2854	-8.9310	-46.469E-6	-0.31273	2.4029E-6
	58.00000	48.00000	-8.50000	-3.1197	-8.9310	-42.061E-6	-0.29646	2.2780E-6
	59.00000	48.00000	-8.50000	-2.9610	-8.9310	-38.116E-6	-0.28117	2.1606E-6
	60.00000	48.00000	-8.50000	-2.8093	-8.9310	-34.583E-6	-0.26680	2.0502E-6
	-20.00000	49.00000	-8.50000	-2.6239	-8.9310	-30.084E-6	-0.24899	1.9135E-6
	-19.00000	49.00000	-8.50000	-2.7596	-8.9310	-32.844E-6	-0.26140	2.0088E-6
	-18.00000	49.00000	-8.50000	-2.9008	-8.9310	-35.872E-6	-0.27448	2.1092E-6
	-17.00000	49.00000	-8.50000	-3.0475	-8.9310	-39.192E-6	-0.28825	2.2150E-6
	-16.00000	49.00000	-8.50000	-3.1998	-8.9310	-42.827E-6	-0.30275	2.3263E-6
	-15.00000	49.00000	-8.50000	-3.3577	-8.9310	-46.802E-6	-0.31799	2.4433E-6
	-14.00000	49.00000	-8.50000	-3.5210	-8.9310	-51.140E-6	-0.33399	2.5662E-6
	-13.00000	49.00000	-8.50000	-3.6898	-8.9310	-55.865E-6	-0.35075	2.6949E-6
	-12.00000	49.00000	-8.50000	-3.8638	-8.9310	-60.997E-6	-0.36830	2.8296E-6
	-11.00000	49.00000	-8.50000	-4.0429	-8.9310	-66.555E-6	-0.38661	2.9702E-6
	-10.00000	49.00000	-8.50000	-4.2268	-8.9310	-72.553E-6	-0.40570	3.1167E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-9.00000	49.00000	-8.50000	-4.4151	-8.9310	-78.999E-6	-0.42552	3.2689E-6
	-8.00000	49.00000	-8.50000	-4.6076	-8.9310	-85.895E-6	-0.44607	3.4265E-6
	-7.00000	49.00000	-8.50000	-4.8038	-8.9310	-93.233E-6	-0.46729	3.5894E-6
	-6.00000	49.00000	-8.50000	-5.0032	-8.9310	-101.00E-6	-0.48912	3.7570E-6
	-5.00000	49.00000	-8.50000	-5.2051	-8.9310	-109.17E-6	-0.51152	3.9288E-6
	-4.00000	49.00000	-8.50000	-5.4091	-8.9310	-117.70E-6	-0.53438	4.1042E-6
	-3.00000	49.00000	-8.50000	-5.6143	-8.9310	-126.56E-6	-0.55763	4.2826E-6
	-2.00000	49.00000	-8.50000	-5.8200	-8.9310	-135.68E-6	-0.58117	4.4632E-6
	-1.00000	49.00000	-8.50000	-6.0256	-8.9310	-145.01E-6	-0.60488	4.6452E-6
	0.00000	49.00000	-8.50000	-6.2301	-8.9310	-154.47E-6	-0.62866	4.8276E-6
	1.00000	49.00000	-8.50000	-6.4327	-8.9310	-164.01E-6	-0.65238	5.0096E-6
	2.00000	49.00000	-8.50000	-6.6326	-8.9310	-173.53E-6	-0.67594	5.1903E-6
	3.00000	49.00000	-8.50000	-6.8290	-8.9310	-183.04E-6	-0.69921	5.3689E-6
	4.00000	49.00000	-8.50000	-7.0210	-8.9310	-192.42E-6	-0.72210	5.5444E-6
	5.00000	49.00000	-8.50000	-7.2079	-8.9310	-201.66E-6	-0.74450	5.7162E-6
	6.00000	49.00000	-8.50000	-7.3888	-8.9310	-210.71E-6	-0.76631	5.8836E-6
	7.00000	49.00000	-8.50000	-7.5632	-8.9310	-219.56E-6	-0.78747	6.0459E-6
	8.00000	49.00000	-8.50000	-7.7302	-8.9310	-228.21E-6	-0.80790	6.2026E-6
	9.00000	49.00000	-8.50000	-7.8892	-8.9310	-236.66E-6	-0.82754	6.3533E-6
	10.00000	49.00000	-8.50000	-8.0396	-8.9310	-244.92E-6	-0.84634	6.4975E-6
	11.00000	49.00000	-8.50000	-8.1809	-8.9310	-253.03E-6	-0.86426	6.6349E-6
	12.00000	49.00000	-8.50000	-8.3124	-8.9310	-260.99E-6	-0.88125	6.7652E-6
	13.00000	49.00000	-8.50000	-8.4337	-8.9310	-268.85E-6	-0.89726	6.8880E-6
	14.00000	49.00000	-8.50000	-8.5443	-8.9310	-276.61E-6	-0.91226	7.0030E-6
	15.00000	49.00000	-8.50000	-8.6435	-8.9310	-284.29E-6	-0.92620	7.1098E-6
	16.00000	49.00000	-8.50000	-8.7310	-8.9310	-291.86E-6	-0.93900	7.2079E-6
	17.00000	49.00000	-8.50000	-8.8063	-8.9310	-299.31E-6	-0.95060	7.2968E-6
	18.00000	49.00000	-8.50000	-8.8687	-8.9310	-306.58E-6	-0.96091	7.3758E-6
	19.00000	49.00000	-8.50000	-8.9178	-8.9310	-313.58E-6	-0.96983	7.4440E-6
	20.00000	49.00000	-8.50000	-8.9532	-8.9310	-320.20E-6	-0.97725	7.5007E-6
	21.00000	49.00000	-8.50000	-8.9742	-8.9310	-326.31E-6	-0.98303	7.5449E-6
	22.00000	49.00000	-8.50000	-8.9805	-8.9310	-331.75E-6	-0.98704	7.5755E-6
	23.00000	49.00000	-8.50000	-8.9716	-8.9310	-336.35E-6	-0.98915	7.5915E-6
	24.00000	49.00000	-8.50000	-8.9472	-8.9310	-339.95E-6	-0.98922	7.5919E-6
	25.00000	49.00000	-8.50000	-8.9070	-8.9310	-342.37E-6	-0.98713	7.5758E-6
	26.00000	49.00000	-8.50000	-8.8507	-8.9310	-343.47E-6	-0.98279	7.5423E-6
	27.00000	49.00000	-8.50000	-8.7784	-8.9310	-343.11E-6	-0.97611	7.4909E-6
	28.00000	49.00000	-8.50000	-8.6901	-8.9310	-341.19E-6	-0.96703	7.4212E-6
	29.00000	49.00000	-8.50000	-8.5860	-8.9310	-337.64E-6	-0.95553	7.3330E-6
	30.00000	49.00000	-8.50000	-8.4665	-8.9310	-332.44E-6	-0.94164	7.2263E-6
	31.00000	49.00000	-8.50000	-8.3320	-8.9310	-325.58E-6	-0.92540	7.1018E-6
	32.00000	49.00000	-8.50000	-8.1834	-8.9310	-317.10E-6	-0.90690	6.9599E-6
	33.00000	49.00000	-8.50000	-8.0213	-8.9310	-307.09E-6	-0.88629	6.8018E-6
	34.00000	49.00000	-8.50000	-7.8468	-8.9310	-295.68E-6	-0.86371	6.6287E-6
	35.00000	49.00000	-8.50000	-7.6610	-8.9310	-283.03E-6	-0.83938	6.4422E-6
	36.00000	49.00000	-8.50000	-7.4652	-8.9310	-269.33E-6	-0.81352	6.2439E-6
	37.00000	49.00000	-8.50000	-7.2605	-8.9310	-254.80E-6	-0.78639	6.0359E-6
	38.00000	49.00000	-8.50000	-7.0484	-8.9310	-239.70E-6	-0.75825	5.8203E-6
	39.00000	49.00000	-8.50000	-6.8304	-8.9310	-224.25E-6	-0.72940	5.5991E-6
	40.00000	49.00000	-8.50000	-6.6078	-8.9310	-208.72E-6	-0.70010	5.3745E-6
	41.00000	49.00000	-8.50000	-6.3820	-8.9310	-193.34E-6	-0.67062	5.1485E-6
	42.00000	49.00000	-8.50000	-6.1544	-8.9310	-178.31E-6	-0.64121	4.9230E-6
	43.00000	49.00000	-8.50000	-5.9263	-8.9310	-163.80E-6	-0.61211	4.6999E-6
	44.00000	49.00000	-8.50000	-5.6987	-8.9310	-149.96E-6	-0.58350	4.4805E-6
	45.00000	49.00000	-8.50000	-5.4729	-8.9310	-136.90E-6	-0.55557	4.2663E-6
	46.00000	49.00000	-8.50000	-5.2497	-8.9310	-124.67E-6	-0.52844	4.0582E-6
	47.00000	49.00000	-8.50000	-5.0300	-8.9310	-113.31E-6	-0.50222	3.8571E-6
	48.00000	49.00000	-8.50000	-4.8145	-8.9310	-102.84E-6	-0.47700	3.6636E-6
	49.00000	49.00000	-8.50000	-4.6039	-8.9310	-93.231E-6	-0.45283	3.4782E-6
	50.00000	49.00000	-8.50000	-4.3985	-8.9310	-84.463E-6	-0.42974	3.3010E-6
	51.00000	49.00000	-8.50000	-4.1989	-8.9310	-76.490E-6	-0.40773	3.1322E-6
	52.00000	49.00000	-8.50000	-4.0052	-8.9310	-69.264E-6	-0.38682	2.9717E-6
	53.00000	49.00000	-8.50000	-3.8178	-8.9310	-62.730E-6	-0.36698	2.8194E-6
	54.00000	49.00000	-8.50000	-3.6368	-8.9310	-56.832E-6	-0.34819	2.6751E-6
	55.00000	49.00000	-8.50000	-3.4622	-8.9310	-51.517E-6	-0.33041	2.5386E-6
	56.00000	49.00000	-8.50000	-3.2941	-8.9310	-46.731E-6	-0.31361	2.4097E-6
	57.00000	49.00000	-8.50000	-3.1325	-8.9310	-42.422E-6	-0.29775	2.2879E-6
	58.00000	49.00000	-8.50000	-2.9774	-8.9310	-38.546E-6	-0.28278	2.1729E-6
	59.00000	49.00000	-8.50000	-2.8286	-8.9310	-35.057E-6	-0.26866	2.0645E-6
	60.00000	49.00000	-8.50000	-2.6861	-8.9310	-31.916E-6	-0.25534	1.9622E-6
	-20.00000	50.00000	-8.50000	-2.5051	-8.9310	-27.695E-6	-0.23815	1.8302E-6
	-19.00000	50.00000	-8.50000	-2.6324	-8.9310	-30.140E-6	-0.24963	1.9184E-6
	-18.00000	50.00000	-8.50000	-2.7647	-8.9310	-32.811E-6	-0.26171	2.0112E-6
	-17.00000	50.00000	-8.50000	-2.9020	-8.9310	-35.725E-6	-0.27439	2.1086E-6
	-16.00000	50.00000	-8.50000	-3.0443	-8.9310	-38.900E-6	-0.28770	2.2108E-6
	-15.00000	50.00000	-8.50000	-3.1915	-8.9310	-42.355E-6	-0.30165	2.3179E-6
	-14.00000	50.00000	-8.50000	-3.3436	-8.9310	-46.105E-6	-0.31625	2.4300E-6
	-13.00000	50.00000	-8.50000	-3.5004	-8.9310	-50.169E-6	-0.33151	2.5472E-6
	-12.00000	50.00000	-8.50000	-3.6619	-8.9310	-54.560E-6	-0.34743	2.6694E-6
	-11.00000	50.00000	-8.50000	-3.8278	-8.9310	-59.290E-6	-0.36400	2.7966E-6
	-10.00000	50.00000	-8.50000	-3.9979	-8.9310	-64.367E-6	-0.38121	2.9287E-6
	-9.00000	50.00000	-8.50000	-4.1718	-8.9310	-69.796E-6	-0.39904	3.0656E-6
	-8.00000	50.00000	-8.50000	-4.3493	-8.9310	-75.575E-6	-0.41746	3.2070E-6
	-7.00000	50.00000	-8.50000	-4.5299	-8.9310	-81.697E-6	-0.43643	3.3526E-6
	-6.00000	50.00000	-8.50000	-4.7131	-8.9310	-88.148E-6	-0.45591	3.5021E-6
	-5.00000	50.00000	-8.50000	-4.8985	-8.9310	-94.906E-6	-0.47584	3.6550E-6
	-4.00000	50.00000	-8.50000	-5.0854	-8.9310	-101.94E-6	-0.49614	3.8108E-6
	-3.00000	50.00000	-8.50000	-5.2733	-8.9310	-109.22E-6	-0.51674	3.9690E-6
	-2.00000	50.00000	-8.50000	-5.4615	-8.9310	-116.71E-6	-0.53756	4.1287E-6
	-1.00000	50.00000	-8.50000	-5.6494	-8.9310	-124.35E-6	-0.55851	4.2895E-6
	0.00000	50.00000	-8.50000	-5.8361	-8.9310	-132.09E-6	-0.57949	4.4505E-6
	1.00000	50.00000	-8.50000	-6.0209	-8.9310	-139.90E-6	-0.60041	4.6110E-6
	2.00000	50.00000	-8.50000	-6.2032	-8.9310	-147.71E-6	-0.62117	4.7703E-6
	3.00000	50.00000	-8.50000	-6.3822	-8.9310	-155.48E-6	-0.64167	4.9276E-6
	4.00000	50.00000	-8.50000	-6.5572	-8.9310	-163.18E-6	-0.66182	5.0822E-6
	5.00000	50.00000	-8.50000	-6.7273	-8.9310	-170.77E-6	-0.68154	5.2335E-6
	6.00000	50.00000	-8.50000	-6.8921	-8.9310	-178.22E-6	-0.70075	5.3809E-6
	7.00000	50.00000	-8.50000	-7.0507	-8.9310	-185.51E-6	-0.71938	5.5239E-6
	8.00000	50.00000	-8.50000	-7.2026	-8.9310	-192.64E-6	-0.73736	5.6618E-6
	9.00000	50.00000	-8.50000	-7.3472	-8.9310	-199.61E

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	51.00000	50.00000	-8.50000	-3.9758	-8.9310	-68.018E-6	-0.38349	2.9461E-6
	52.00000	50.00000	-8.50000	-3.7967	-8.9310	-61.900E-6	-0.36465	2.8015E-6
	53.00000	50.00000	-8.50000	-3.6231	-8.9310	-56.329E-6	-0.34670	2.6637E-6
	54.00000	50.00000	-8.50000	-3.4550	-8.9310	-51.266E-6	-0.32964	2.5327E-6
	55.00000	50.00000	-8.50000	-3.2926	-8.9310	-46.672E-6	-0.31344	2.4083E-6
	56.00000	50.00000	-8.50000	-3.1359	-8.9310	-42.509E-6	-0.29807	2.2904E-6
	57.00000	50.00000	-8.50000	-2.9850	-8.9310	-38.741E-6	-0.28352	2.1786E-6
	58.00000	50.00000	-8.50000	-2.8398	-8.9310	-35.330E-6	-0.26973	2.0728E-6
	59.00000	50.00000	-8.50000	-2.7004	-8.9310	-32.244E-6	-0.25669	1.9726E-6
	60.00000	50.00000	-8.50000	-2.5665	-8.9310	-29.452E-6	-0.24436	1.8779E-6

Problem Type

Problem Type : Tunnelling and Embedded Wall Excavations

Displacement Data

Type	Name	Direction of extrusion	Point/Line/Line for extrusion First point X [m]	First point Y [m]	First point Z(level) [m]	Second point X [m]	Second point Y [m]	Second point Z(level) [m]	No. of intervals across extrusion/line	Extrusion depth [m]	No. of intervals along extrusion	Calculate	Surface type for tunnels
Line	Line 1	-	-8.50000	-6.00000	-1.00000	-10.00000	33.00000	-1.00000	19	-	-	Yes	Surface
Line	Line 2	-	-10.00000	33.00000	-1.00000	45.00000	33.00000	-1.00000	27	-	-	Yes	Surface
Line	Line 3	-	46.00000	29.00000	-1.00000	46.00000	16.00000	-1.00000	6	-	-	Yes	Surface
Line	Line 4	-	46.00000	13.00000	-1.00000	49.50000	-6.00000	-1.00000	9	-	-	Yes	Surface
Line	Line 5	-	-8.50000	-6.00000	-1.00000	49.50000	-6.00000	-1.00000	29	-	-	Yes	Surface
Line	Line 6	-	-10.00000	0.00000	-1.00000	-10.00000	12.00000	-1.00000	6	-	-	Yes	Surface
Line	Line 7	-	-15.00000	12.00000	-1.00000	-10.00000	12.00000	-1.00000	2	-	-	Yes	Surface
Line	Line 8	-	-15.00000	0.00000	-1.00000	-10.00000	0.00000	-1.00000	2	-	-	Yes	Surface
Line	Line 9	-	23.00000	33.00000	-1.00000	23.00000	36.00000	-1.00000	1	-	-	Yes	Surface
Line	Line 10	-	34.50000	33.00000	-1.00000	34.50000	36.00000	-1.00000	1	-	-	Yes	Surface
Line	Line 11	-	22.00000	36.00000	-1.00000	34.50000	36.00000	-1.00000	6	-	-	Yes	Surface
Line	Line 12	-	22.00000	36.00000	-1.00000	22.00000	45.00000	-1.00000	4	-	-	Yes	Surface
Line	Line 13	-	33.00000	36.00000	-1.00000	33.00000	39.00000	-1.00000	1	-	-	Yes	Surface
Line	Line 14	-	33.00000	39.00000	-1.00000	36.00000	39.00000	-1.00000	1	-	-	Yes	Surface
Line	Line 15	-	36.00000	39.00000	-1.00000	36.00000	45.00000	-1.00000	3	-	-	Yes	Surface

Vertical Ground Movement Curves

Curve Name: **No vertical ground movement**
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.000][1.000,0.000,0.000][0.000,1.000,0.000][1.000,1.000,0.000]
Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
Polynomial: z = 0.0x + 0.0
Coeff. of Determination: -2147483648.E+2147483647

Curve Name: **Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))**
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.040][2.000,0.000,0.000]
Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
Polynomial: z = -2.0E-2x + 4.0E-2
Coeff. of Determination: 1.0

Curve Name: **Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b)**
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.039][0.100,0.000,0.049][0.200,0.000,0.056][0.300,0.000,0.062]
[0.400,0.000,0.067][0.500,0.000,0.070][0.600,0.000,0.072][0.700,0.000,0.073]
[0.800,0.000,0.073][0.900,0.000,0.072][1.000,0.000,0.070][1.100,0.000,0.068]
[1.200,0.000,0.065][1.300,0.000,0.061][1.400,0.000,0.058][1.500,0.000,0.054]
[1.600,0.000,0.050][1.700,0.000,0.046][1.800,0.000,0.042][1.900,0.000,0.038]
[2.000,0.000,0.034][2.100,0.000,0.030][2.200,0.000,0.027][2.300,0.000,0.023]
[2.400,0.000,0.020][2.500,0.000,0.017][2.600,0.000,0.014][2.700,0.000,0.012]
[2.800,0.000,0.010][2.900,0.000,0.008][3.000,0.000,0.007][3.100,0.000,0.005]
[3.200,0.000,0.004][3.300,0.000,0.004][3.400,0.000,0.003][3.500,0.000,0.002]
[3.600,0.000,0.002][3.700,0.000,0.002][3.800,0.000,0.001][3.900,0.000,0.001]
[4.000,0.000,0.000]
Curve Fitting Method: Polynomial
x Order: 4
y Order: 0
Polynomial: z = $-2.6455E-3x^4 + 2.8495E-2x^3 - 1.0051E-1x^2 + 1.0569E-1x + 3.8990E-2$
Coeff. of Determination: 9.9991E-1

Horizontal Ground Movement Curves

Curve Name: **No horizontal ground movement**
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.000][1.000,0.000,0.000][0.000,1.000,0.000][1.000,1.000,0.000]
Curve Fitting Method: Polynomial
x Order: 0
y Order: 0
Polynomial: z = 0.0
Coeff. of Determination: -2147483648.E+2147483647

Curve Name: **Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))**
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.041][0.050,0.000,0.039][0.100,0.000,0.036][0.150,0.000,0.034]
[0.200,0.000,0.032][0.250,0.000,0.030][0.300,0.000,0.029][0.350,0.000,0.027]
[0.400,0.000,0.025][0.450,0.000,0.023][0.500,0.000,0.022][0.550,0.000,0.020]
[0.600,0.000,0.019][0.650,0.000,0.018][0.700,0.000,0.016][0.750,0.000,0.015]
[0.800,0.000,0.014][0.850,0.000,0.013][0.900,0.000,0.012][0.950,0.000,0.010]
[1.000,0.000,0.009][1.050,0.000,0.008][1.100,0.000,0.007][1.150,0.000,0.006]
[1.200,0.000,0.005][1.250,0.000,0.004][1.300,0.000,0.004][1.350,0.000,0.003]
[1.400,0.000,0.002][1.450,0.000,0.001][1.500,0.000,0.000]
Curve Fitting Method: Polynomial
x Order: 3
y Order: 0
Polynomial: z = $-4.2486E-3x^3 + 1.9096E-2x^2 - 4.6221E-2x + 4.0729E-2$
Coeff. of Determination: 1.0000

Curve Name: **Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))**
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.150][4.000,0.000,0.000]
Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
Polynomial: z = -3.75E-2x + 1.50E-1
Coeff. of Determination: 1.00

Polygonal Excavations

Excavation Name: **No 73 (Area 1)**

Type	Name	Direction of extrusion	Point/Line/Line for extrusion	No. of intervals across extrusion/line	Extrusion depth	No. of intervals along extrusion	Calculate Surface type for tunnels
Surface level [m]:			0.0				
Contribution:			Positive				
Enabled:			Yes				
Surface movement curves which are selected are applied between surface and [m]:			-12.000				

Corner	x [m]	y [m]	Base Level [m]	Stiffened	Previous Side d [m]	Previous Side pl [%]	Previous Side p2* [%]	Next Side d [m]	Next Side pl [%]	Next Side p2* [%]
1	2.0000	0.0	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	38.000	0.0	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	38.000	16.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	2.0000	16.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1 x [m]	Corner 1 y [m]	Corner 2 x [m]	Corner 2 y [m]	Ground Movement Curve Vertical	Ground Movement Curve Horizontal
1	2.0000	0.0	38.000	0.0	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))
2	38.000	0.0	38.000	16.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))
3	38.000	16.000	2.0000	16.000	No vertical ground movement	No horizontal ground movement
4	2.0000	16.000	2.0000	0.0	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))

Excavation Name: No 75 (Area 2)

Surface level [m]:	0.0
Contribution:	Positive
Enabled:	Yes
Surface movement curves which are selected are applied between surface and [m]:	-12.000

Corner	x [m]	y [m]	Base Level [m]	Stiffened	Previous Side d [m]	Previous Side pl [%]	Previous Side p2* [%]	Next Side d [m]	Next Side pl [%]	Next Side p2* [%]
1	0.0	16.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	22.000	16.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	22.000	29.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	0.0	29.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1 x [m]	Corner 1 y [m]	Corner 2 x [m]	Corner 2 y [m]	Ground Movement Curve Vertical	Ground Movement Curve Horizontal
1	0.0	16.000	22.000	16.000	No vertical ground movement	No horizontal ground movement
2	22.000	16.000	22.000	29.000	No vertical ground movement	No horizontal ground movement
3	22.000	29.000	0.0	29.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))
4	0.0	29.000	0.0	16.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))

Excavation Name: No 75 (Area 3)

Surface level [m]:	0.0
Contribution:	Positive
Enabled:	Yes
Surface movement curves which are selected are applied between surface and [m]:	-12.000

Corner	x [m]	y [m]	Base Level [m]	Stiffened	Previous Side d [m]	Previous Side pl [%]	Previous Side p2* [%]	Next Side d [m]	Next Side pl [%]	Next Side p2* [%]
1	22.000	16.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	38.000	16.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	38.000	32.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	0.0	29.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1 x [m]	Corner 1 y [m]	Corner 2 x [m]	Corner 2 y [m]	Ground Movement Curve Vertical	Ground Movement Curve Horizontal
1	22.000	16.000	22.000	16.000	No vertical ground movement	No horizontal ground movement
2	38.000	16.000	38.000	32.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))
3	38.000	32.000	0.0	29.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))
4	0.0	29.000	22.000	16.000	No vertical ground movement	No horizontal ground movement

Excavation Name: No 73 (Area 1) - Pile Installation

Surface level [m]:	0.0
Contribution:	Positive
Enabled:	Yes
Surface movement curves which are selected are applied between surface and [m]:	-12.000

Corner	x [m]	y [m]	Base Level [m]	Stiffened	Previous Side d [m]	Previous Side pl [%]	Previous Side p2* [%]	Next Side d [m]	Next Side pl [%]	Next Side p2* [%]
1	2.0000	0.0	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	38.000	0.0	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	38.000	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	2.0000	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1 x [m]	Corner 1 y [m]	Corner 2 x [m]	Corner 2 y [m]	Ground Movement Curve Vertical	Ground Movement Curve Horizontal
1	2.0000	0.0	38.000	0.0	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))
2	38.000	0.0	38.000	16.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))
3	38.000	16.000	2.0000	16.000	No vertical ground movement	No horizontal ground movement
4	2.0000	16.000	2.0000	0.0	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))

Excavation Name: No 75 (Area 2) - Pile Installation

Surface level [m]:	0.0
Contribution:	Positive
Enabled:	Yes
Surface movement curves which are selected are applied between surface and [m]:	-12.000

Corner	x [m]	y [m]	Base Level [m]	Stiffened	Previous Side d [m]	Previous Side pl [%]	Previous Side p2* [%]	Next Side d [m]	Next Side pl [%]	Next Side p2* [%]
1	0.0	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	22.000	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	22.000	29.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	0.0	29.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1 x [m]	Corner 1 y [m]	Corner 2 x [m]	Corner 2 y [m]	Ground Movement Curve Vertical	Ground Movement Curve Horizontal
1	0.0	16.000	22.000	16.000	No vertical ground movement	No horizontal ground movement

Oasys
73-75 Avenue Road
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 18-Mar-2016	Checked

Side	Corner 1 x [m]	Corner 1 y [m]	Corner 2 x [m]	Corner 2 y [m]	Ground Movement Curve Vertical	Ground Movement Curve Horizontal
2	22.000	16.000	22.000	29.000	No vertical ground movement	No horizontal ground movement
3	22.000	29.000	0.0	29.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))
4	0.0	29.000	0.0	16.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))

Excavation Name: No 75 (Area 3) - Pile Installation

Surface level [m]:	0.0
Contribution:	Positive
Enabled:	Yes
Surface movement curves which are selected are applied between surface and [m]:	-12.000

Corner	x [m]	y [m]	Base Level [m]	Stiffened	Previous Side d [m]	Previous Side pl [%]	Previous Side p2* [%]	Next Side d [m]	Next Side pl [%]	Next Side p2* [%]
1	22.000	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	38.000	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	38.000	32.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	22.000	32.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1 x [m]	Corner 1 y [m]	Corner 2 x [m]	Corner 2 y [m]	Ground Movement Curve Vertical	Ground Movement Curve Horizontal
1	22.000	16.000	38.000	16.000	No vertical ground movement	No horizontal ground movement
2	38.000	16.000	38.000	32.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))
3	38.000	32.000	22.000	32.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))
4	22.000	32.000	22.000	16.000	No vertical ground movement	No horizontal ground movement

Damage Category Strains

Name	0 (Negligible) to 1 (Very Slight)	1 (Very Slight) to 2 (Slight)	2 (Slight) to 3 (Moderate)	3 (Moderate) to 4 (Severe)
Burland Strain Limits	0.0	500.00E-6	750.00E-6	0.0015000

Specific Structures - Geometry

Structure Name	Sub-Structure Name	Displacement Line	Start Distance Along Line [m]	End Distance Along Line [m]	Vertical Offsets from Line for Vertical Movement Calculations [m]	Vertical Displacement Limit Sensitivity [mm]	Damage Category Strains	Poisson's Ratio	E/G
Western Boundary Wall	Boundary Wall (1)	Line 1	0.00000	39.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
Northern Boundary Wall	Boundary Wall (2)	Line 2	0.00000	55.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
Eastern Boundary Wall	Boundary Wall (3)	Line 3	0.00000	13.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
Eastern Boundary Wall	Boundary Wall (4)	Line 4	0.00000	19.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
Southern Boundary Wall	Boundary Wall (5)	Line 5	0.00000	58.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
38 Queens Grove	Eastern elevation (6)	Line 6	0.00000	12.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
38 Queens Grove	Northern elevation (7)	Line 7	0.00000	5.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
38 Queens Grove	Southern elevation (8)	Line 8	0.00000	5.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Extension - South (9)	Line 2	33.00000	44.50000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Extension - West (10)	Line 9	0.00000	3.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Extension - East (11)	Line 10	0.00000	3.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Southern elevation (12)	Line 11	0.00000	12.50000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Western elevation (13)	Line 12	0.00000	9.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Eastern elevation - lower (14)	Line 13	0.00000	3.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Eastern elevation - mid (15)	Line 14	0.00000	3.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Eastern elevation - upper (16)	Line 15	0.00000	5.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000

Specific Structures - Bending Parameters

Structure Name	Sub-Structure Name	Height [m]	Default Properties	Hogging 2nd Moment of Area (per unit width) [m³]	Hogging Distance of Bending Strain from N.A. [m]	Hogging Distance of N.A. from Edge of Beam in Tension [m]	Sagging 2nd Moment of Area (per unit width) [m³]	Sagging Distance of Bending Strain from N.A. [m]	Sagging Distance of N.A. from Edge of Beam in Tension [m]
Western Boundary Wall	Boundary Wall (1)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
Northern Boundary Wall	Boundary Wall (2)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
Eastern Boundary Wall	Boundary Wall (3)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
Eastern Boundary Wall	Boundary Wall (4)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
Southern Boundary Wall	Boundary Wall (5)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
38 Queens Grove	Eastern elevation (6)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
38 Queens Grove	Northern elevation (7)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
38 Queens Grove	Southern elevation (8)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
77 Avenue Road	Extension - South (9)	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000
77 Avenue Road	Extension - West (10)	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000
77 Avenue Road	Extension - East (11)	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000
77 Avenue Road	Southern elevation (12)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
77 Avenue Road	Western elevation (13)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
77 Avenue Road	Eastern elevation - lower (14)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
77 Avenue Road	Eastern elevation - mid (15)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
77 Avenue Road	Eastern elevation - upper (16)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000

Structure Name	Sub-Structure Name	Height	Default Properties	Hogging			Sagging		
				2nd Moment of Area	Distance of Bending	Distance of N.A.	2nd Moment of Area	Distance of Bending	Distance of N.A.

Building Segment Combinations

Structure Name	Sub-Structure Name	Vertical Offset from Line for Vertical Movement Calculations	Segment Start	Length	Curvature	Combined Segment
		[m]	[m]	[m]		

No structures have segments combined.

Warnings

1 Multiple excavations have been specified. The displacements resulting from these excavations are calculated by summing the displacements resulting from each individual excavation. No account has been taken of the interactions between excavations (e.g. overlapping zones of influence or 'shielding' of one excavation by another).

2 Embedded Wall Excavation PE1 : No 73 (Area 1) intersects PE2 : No 75 (Area 2), , PE3 : No 75 (Area 3), , PE5 : No 75 (Area 2) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.

3 Embedded Wall Excavation PE2 : No 75 (Area 2) intersects PE1 : No 73 (Area 1), , PE3 : No 75 (Area 3), , PE4 : No 73 (Area 1) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.

4 Embedded Wall Excavation PE3 : No 75 (Area 3) intersects PE1 : No 73 (Area 1), , PE2 : No 75 (Area 2), , PE4 : No 73 (Area 1) - Pile Installation, , PE5 : No 75 (Area 2) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.

5 Embedded Wall Excavation PE4 : No 73 (Area 1) - Pile Installation intersects PE2 : No 75 (Area 2), , PE3 : No 75 (Area 3), , PE5 : No 75 (Area 2) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.

6 Embedded Wall Excavation PE5 : No 75 (Area 2) - Pile Installation intersects PE1 : No 73 (Area 1), , PE3 : No 75 (Area 3), , PE4 : No 73 (Area 1) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.

7 Embedded Wall Excavation PE6 : No 75 (Area 3) - Pile Installation intersects PE1 : No 73 (Area 1), , PE2 : No 75 (Area 2), , PE3 : No 75 (Area 3), , PE4 : No 73 (Area 1) - Pile Installation, and PE5 : No 75 (Area 2) - Pile Installation.

Displacement and Strain Results

Type/No.		Coordinates			Displacements				Angle of Line to x Axis
Name	Dist.	x	y	z	x	y	z	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
	[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
Line 1	Line 1	-8.50000	-6.00000	-1.00000	4.6767	3.0056	4.1495	2.8236	-4.7888	92.203
	2.0541	-8.57895	-3.94737	-1.00000	5.6708	2.5753	4.7882	2.3555	-5.7656	92.203
	4.1083	-8.65789	-1.89474	-1.00000	6.5929	1.7970	5.4052	1.5423	-6.6571	92.203
	6.1624	-8.73684	0.15789	-1.00000	10.580	0.83805	8.5792	0.43081	-10.604	92.203
	8.2166	-8.81579	2.21053	-1.00000	10.744	1.0533	8.7955	0.63955	-10.777	92.203
	10.271	-8.89474	4.26316	-1.00000	10.998	1.2861	9.0769	0.86241	-11.039	92.203
	12.325	-8.97368	6.31579	-1.00000	11.380	1.5144	9.4322	1.0759	-11.430	92.203
	14.379	-9.05263	8.36842	-1.00000	12.068	1.8025	10.004	1.3374	-12.128	92.203
	16.433	-9.13158	10.42105	-1.00000	13.142	1.9914	10.798	1.4848	-13.209	92.203
	18.487	-9.21053	12.47368	-1.00000	14.553	1.8059	11.741	1.2453	-14.612	92.203
	20.541	-9.28947	14.52632	-1.00000	16.121	1.0180	12.774	0.39763	-16.148	92.203
	22.596	-9.36842	16.57895	-1.00000	17.233	-0.27035	13.617	-0.93248	-17.210	92.203
	24.650	-9.44737	18.63158	-1.00000	16.075	-1.0838	12.788	-1.7008	-16.022	92.203
	26.704	-9.52632	20.68421	-1.00000	14.915	-1.4614	11.978	-2.0335	-14.847	92.203
	28.758	-9.60526	22.73684	-1.00000	13.929	-1.5063	11.254	-2.0406	-13.861	92.203
	30.812	-9.68421	24.78947	-1.00000	13.190	-1.3699	10.649	-1.8759	-13.128	92.203
	32.866	-9.76316	26.84211	-1.00000	12.682	-1.1866	10.169	-1.6732	-12.627	92.203
	34.921	-9.84211	28.89474	-1.00000	12.378	-1.0851	9.8384	-1.5600	-12.327	92.203
	36.975	-9.92105	30.94737	-1.00000	8.0475	-2.3682	6.4098	-2.6757	-7.9506	92.203
	39.029	-10.00000	33.00000	-1.00000	7.0163	-3.3740	5.7431	-3.6411	-6.8815	92.203
Line 2	Line 2	-10.00000	33.00000	-1.00000	7.0163	-3.3740	5.7431	7.0163	-3.3740	0.0
	2.0370	-7.96296	33.00000	-1.00000	7.2494	-4.1922	6.2743	7.2494	-4.1922	0.0
	4.0741	-5.92593	33.00000	-1.00000	7.0909	-5.2794	6.5056	7.0909	-5.2794	0.0
	6.1111	-3.88889	33.00000	-1.00000	6.1860	-6.7507	6.4121	6.1860	-6.7507	0.0
	8.1481	-1.85185	33.00000	-1.00000	4.5475	-10.046	7.2906	4.5475	-10.046	0.0
	10.185	0.18519	33.00000	-1.00000	0.90956	-25.968	15.924	0.90956	-25.968	0.0
	12.222	2.22222	33.00000	-1.00000	0.89093	-25.809	15.739	0.89093	-25.809	0.0
	14.259	4.25926	33.00000	-1.00000	0.89644	-25.869	15.695	0.89644	-25.869	0.0
	16.296	6.29630	33.00000	-1.00000	0.90858	-25.930	15.649	0.90858	-25.930	0.0
	18.333	8.33333	33.00000	-1.00000	0.92327	-25.991	15.603	0.92327	-25.991	0.0
	20.370	10.37037	33.00000	-1.00000	0.94226	-26.052	15.557	0.94226	-26.052	0.0
	22.407	12.40741	33.00000	-1.00000	0.96869	-26.115	15.515	0.96869	-26.115	0.0
	24.444	14.44444	33.00000	-1.00000	1.0089	-26.181	15.483	1.0089	-26.181	0.0
	26.481	16.48148	33.00000	-1.00000	1.0781	-26.257	15.478	1.0781	-26.257	0.0
	28.519	18.51852	33.00000	-1.00000	1.2204	-26.373	15.548	1.2204	-26.373	0.0
	30.556	20.55556	33.00000	-1.00000	1.5869	-26.801	15.955	1.5869	-26.801	0.0
	32.593	22.59259	33.00000	-1.00000	-0.31771	-24.803	15.565	-0.31771	-24.803	0.0
	34.630	24.62963	33.00000	-1.00000	-1.8105	-20.574	13.177	-1.8105	-20.574	0.0
	36.667	26.66667	33.00000	-1.00000	-1.2828	-18.357	11.718	-1.2828	-18.357	0.0
	38.704	28.70370	33.00000	-1.00000	-0.80211	-17.552	11.003	-0.80211	-17.552	0.0
	40.741	30.74074	33.00000	-1.00000	-0.38419	-17.179	10.465	-0.38419	-17.179	0.0
	42.778	32.77778	33.00000	-1.00000	-0.063364	-17.006	10.036	-0.063364	-17.006	0.0
	44.815	34.81481	33.00000	-1.00000	0.18041	-16.930	9.6776	0.18041	-16.930	0.0
	46.852	36.85185	33.00000	-1.00000	0.36884	-16.907	9.3691	0.36884	-16.907	0.0
	48.889	38.88889	33.00000	-1.00000	-5.8227	-6.2460	4.8635	-5.8227	-6.2460	0.0
	50.926	40.92593	33.00000	-1.00000	-8.7287	-3.2596	6.1070	-8.7287	-3.2596	0.0
	52.963	42.96296	33.00000	-1.00000	-8.5845	-2.2302	6.4969	-8.5845	-2.2302	0.0
	55.000	45.00000	33.00000	-1.00000	-8.0394	-1.7888	6.4069	-8.0394	-1.7888	0.0
Line 3	Line 3	46.00000	29.00000	-1.00000	-12.499	-1.1241	10.181	1.1241	-12.499	270.00
	2.1667	46.00000	26.83333	-1.00000	-12.833	-1.3890	10.546	1.3890	-12.833	270.00
	4.3333	46.00000	24.66667	-1.00000	-13.335	-1.6550	11.003	1.6550	-13.335	270.00
	6.5000	46.00000	22.50000	-1.00000	-14.264	-1.9963	11.752	1.9963	-14.264	270.00
	8.6667	46.00000	20.33333	-1.00000	-15.761	-2.1416	12.804	2.1416	-15.761	270.00
	10.833	46.00000	18.16667	-1.00000	-17.737	-1.6061	14.074	1.6061	-17.737	270.00
	13.000	46.00000	16.00000	-1.00000	-15.822	0.0	12.388	0.0	-15.822	270.00
Line 4	Line 4	46.00000	13.00000	-1.00000	-16.939	1.9243	13.565	-4.9611	-16.310	280.44
	2.1466	46.38889	10.88889	-1.00000	-14.998	2.0949	12.289	-4.7774	-14.371	280.44
	4.2933	46.77778	8.77778	-1.00000	-13.586	1.8685	11.246	-4.2989	-13.023	280.44
	6.4399	47.16667	6.66667	-1.00000	-12.588	1.5424	10.412	-3.7973	-12.100	280.44
	8.5865	47.55556	4.55556	-1.00000	-11.928	1.3114	9.8167	-3.4506	-11.493	280.44
	10.733	47.94444	2.44444	-1.00000	-11.389	1.0815	9.2862	-3.1269	-11.004	280.44
	12.880	48.33333	0.33333	-1.00000	-10.944	0.88500	8.8117	-2.8529	-10.602	280.44
	15.026	48.72222	-1.77778	-1.00000	-6.7263	1.7762	5.4114	-2.9654	-6.2933	280.44
	17.173	49.11111	-3.88889	-1.00000	-5.6902	2.4707	4.6424	-3.4606	-5.1484	280.44
	19.320	49.50000	-6.00000	-1.00000	-4.6653	2.7741	3.9057	-3.5734	-4.0856	280.44
Line 5	Line 5	-8.50000	-6.00000	-1.00000	4.6767	3.0056	4.1495	4.6767	3.0056	0.0
	2.0000	-6.50000	-6.00000	-1.00000	4.6333	3.5585	4.4978	4.6333	3.5585	0.0
	4.0000	-4.50000	-6.00000	-1.00000	4.2690	4.1615	4.6235	4.2690	4.1615	0.0
	6.0000	-2.50000	-6.00000	-1.00000	3.8803	5.3088	5.0548	3.8803	5.3088	0.0
	8.0000	-0.50000	-6.00000	-1.00000	2.8756	6.9321	5.6788	2.8756	6.9321	0.0
	10.000	1.50000	-6.00000	-1.00000	0.70981	8.5178	6.3840	0.70981	8.5178	0.0
	12.000	3.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	14.000	5.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	16.000	7.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	18.000	9.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	20.000	11.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	22.000	13.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	24.000	15.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	26.000	17.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	28.000	19.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	30.000	21.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	32.000	23.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	34.000	25.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	36.000	27.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	38.000	29.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	40.000	31.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	42.000	33.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	44.000	35.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	46.000	37.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	48.000	39.50000	-6.00000	-1.00000	-1.9517	7.8772	6.0574	-1.9517	7.8772	0.0

Oasys
73-75 Avenue Road
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 18-Mar-2016	Checked

Type/No.		Coordinates			Displacements				Angle of Line to x Axis
Name	Dist.	x	y	z	x	y	z	Horizontal dispalcement	Horizontal displacement	
	50.000	41.50000	-6.00000	-1.00000	-3.5322	6.2137	5.4013	-3.5322	6.2137	0.0
	52.000	43.50000	-6.00000	-1.00000	-4.1139	4.7215	4.7876	-4.1139	4.7215	0.0
	54.000	45.50000	-6.00000	-1.00000	-4.5560	3.9352	4.6028	-4.5560	3.9352	0.0
	56.000	47.50000	-6.00000	-1.00000	-4.7445	3.3226	4.3383	-4.7445	3.3226	0.0
	58.000	49.50000	-6.00000	-1.00000	-4.6653	2.7741	3.9057	-4.6653	2.7741	0.0
Line 6	Line 6	-10.00000	0.00000	-1.00000	6.8144	0.85561	5.4583	0.85561	-6.8144	90.000
	2.0000	-10.00000	2.00000	-1.00000	10.112	1.0348	8.1150	1.0348	-10.112	90.000
	4.0000	-10.00000	4.00000	-1.00000	10.409	1.2432	8.4235	1.2432	-10.409	90.000
	6.0000	-10.00000	6.00000	-1.00000	10.813	1.4400	8.7962	1.4400	-10.813	90.000
	8.0000	-10.00000	8.00000	-1.00000	11.523	1.7201	9.4010	1.7201	-11.523	90.000
	10.000	-10.00000	10.00000	-1.00000	12.499	1.8760	10.144	1.8760	-12.499	90.000
	12.000	-10.00000	12.00000	-1.00000	13.746	1.7495	11.013	1.7495	-13.746	90.000
Line 7	Line 7	-15.00000	12.00000	-1.00000	10.375	1.0544	7.0498	10.375	1.0544	0.0
	2.5000	-12.50000	12.00000	-1.00000	12.157	1.3712	9.1545	12.157	1.3712	0.0
	5.0000	-10.00000	12.00000	-1.00000	13.746	1.7495	11.013	13.746	1.7495	0.0
Line 8	Line 8	-15.00000	0.00000	-1.00000	5.1334	0.79151	3.2740	5.1334	0.79151	0.0
	2.5000	-12.50000	0.00000	-1.00000	5.9901	0.85440	4.4039	5.9901	0.85440	0.0
	5.0000	-10.00000	0.00000	-1.00000	6.8144	0.85561	5.4583	6.8144	0.85561	0.0
Line 9	Line 9	23.00000	33.00000	-1.00000	-0.94788	-23.886	15.031	-23.886	0.94788	90.000
	3.0000	23.00000	36.00000	-1.00000	-0.19168	-21.351	15.805	-21.351	0.19168	90.000
Line 10	Line 10	34.50000	33.00000	-1.00000	0.14683	-16.938	9.7293	-16.938	-0.14683	90.000
	3.0000	34.50000	36.00000	-1.00000	-0.26249	-15.030	10.922	-15.030	0.26249	90.000
Line 11	Line 11	22.00000	36.00000	-1.00000	0.84860	-21.288	15.232	0.84860	-21.288	0.0
	2.0833	24.08333	36.00000	-1.00000	-0.94823	-20.138	15.005	-0.94823	-20.138	0.0
	4.1667	26.16667	36.00000	-1.00000	-1.4357	-18.000	13.615	-1.4357	-18.000	0.0
	6.2500	28.25000	36.00000	-1.00000	-1.1785	-16.494	12.497	-1.1785	-16.494	0.0
	8.3333	30.33333	36.00000	-1.00000	-0.84007	-15.703	11.797	-0.84007	-15.703	0.0
	10.417	32.41667	36.00000	-1.00000	-0.54247	-15.281	11.315	-0.54247	-15.281	0.0
	12.500	34.50000	36.00000	-1.00000	-0.26249	-15.030	10.922	-0.26249	-15.030	0.0
Line 12	Line 12	22.00000	36.00000	-1.00000	0.84860	-21.288	15.232	-21.288	-0.84860	90.000
	2.2500	22.00000	38.25000	-1.00000	0.78241	-19.002	14.346	-19.002	-0.78241	90.000
	4.5000	22.00000	40.50000	-1.00000	0.71621	-16.839	12.803	-16.839	-0.71621	90.000
	6.7500	22.00000	42.75000	-1.00000	0.65001	-14.772	10.867	-14.772	-0.65001	90.000
	9.0000	22.00000	45.00000	-1.00000	0.58381	-12.773	8.7610	-12.773	-0.58381	90.000
Line 13	Line 13	33.00000	36.00000	-1.00000	-0.46101	-15.197	11.196	-15.197	0.46101	90.000
	3.0000	33.00000	39.00000	-1.00000	-0.55896	-13.508	10.842	-13.508	0.55896	90.000
Line 14	Line 14	33.00000	39.00000	-1.00000	-0.55896	-13.508	10.842	-0.55896	-13.508	0.0
	3.0000	36.00000	39.00000	-1.00000	-0.24198	-13.113	10.379	-0.24198	-13.113	0.0
Line 15	Line 15	36.00000	39.00000	-1.00000	-0.24198	-13.113	10.379	-13.113	0.24198	90.000
	2.0000	36.00000	41.00000	-1.00000	-0.26535	-11.956	9.5899	-11.956	0.26535	90.000
	4.0000	36.00000	43.00000	-1.00000	-0.26623	-10.830	8.4890	-10.830	0.26623	90.000
	6.0000	36.00000	45.00000	-1.00000	-0.28215	-9.7535	7.2262	-9.7535	0.28215	90.000

Specific Building Damage Results - Horizontal Displacements

Structure: Western Boundary Wall | Sub-structure: Boundary Wall (1)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-8.50000	-6.00000	-1.00000	4.6767	3.0056	2.8236	-4.7888
2.0541	-8.57895	-3.94737	-1.00000	5.6708	2.5753	2.3555	-5.7656
4.1083	-8.65789	-1.89474	-1.00000	6.5929	1.7970	1.5423	-6.6571
6.1624	-8.73684	0.15789	-1.00000	10.580	0.83805	0.43081	-10.604
8.2166	-8.81579	2.21053	-1.00000	10.744	1.0533	0.63955	-10.777
10.271	-8.89474	4.26316	-1.00000	10.998	1.2861	0.86241	-11.039
12.325	-8.97368	6.31579	-1.00000	11.380	1.5144	1.0759	-11.430
14.379	-9.05263	8.36842	-1.00000	12.068	1.8025	1.3374	-12.128
16.433	-9.13158	10.42105	-1.00000	13.142	1.9914	1.4848	-13.209
18.487	-9.21053	12.47368	-1.00000	14.553	1.8059	1.2453	-14.612
20.541	-9.28947	14.52632	-1.00000	16.121	1.0180	0.39763	-16.148
22.596	-9.36842	16.57895	-1.00000	17.233	-0.27035	-0.93248	-17.210
24.650	-9.44737	18.63158	-1.00000	16.075	-1.0838	-1.7008	-16.022
26.704	-9.52632	20.68421	-1.00000	14.915	-1.4614	-2.0335	-14.847
28.758	-9.60526	22.73684	-1.00000	13.929	-1.5063	-2.0406	-13.861
30.812	-9.68421	24.78947	-1.00000	13.190	-1.3699	-1.8759	-13.128
32.866	-9.76316	26.84211	-1.00000	12.682	-1.1866	-1.6732	-12.627
34.921	-9.84211	28.89474	-1.00000	12.378	-1.0851	-1.5600	-12.327
36.975	-9.92105	30.94737	-1.00000	8.0475	-2.3682	-2.6757	-7.9506
39.029	-10.00000	33.00000	-1.00000	7.0163	-3.3740	-3.6411	-6.8815

Structure: Northern Boundary Wall | Sub-structure: Boundary Wall (2)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-10.00000	33.00000	-1.00000	7.0163	-3.3740	7.0163	-3.3740
2.0370	-7.96296	33.00000	-1.00000	7.2494	-4.1922	7.2494	-4.1922
4.0741	-5.92593	33.00000	-1.00000	7.0909	-5.2794	7.0909	-5.2794
6.1111	-3.88889	33.00000	-1.00000	6.1860	-6.7507	6.1860	-6.7507
8.1481	-1.85185	33.00000	-1.00000	4.5475	-10.046	4.5475	-10.046
10.185	0.18519	33.00000	-1.00000	0.90956	-25.968	0.90956	-25.968
12.222	2.22222	33.00000	-1.00000	0.89093	-25.809	0.89093	-25.809
14.259	4.25926	33.00000	-1.00000	0.89644	-25.869	0.89644	-25.869
16.296	6.29630	33.00000	-1.00000	0.90858	-25.930	0.90858	-25.930
18.333	8.33333	33.00000	-1.00000	0.92327	-25.991	0.92327	-25.991
20.370	10.37037	33.00000	-1.00000	0.94226	-26.052	0.94226	-26.052
22.407	12.40741	33.00000	-1.00000	0.96869	-26.115	0.96869	-26.115
24.444	14.44444	33.00000	-1.00000	1.0089	-26.181	1.0089	-26.181
26.481	16.48148	33.00000	-1.00000	1.0781	-26.257	1.0781	-26.257
28.519	18.51852	33.00000	-1.00000	1.2204	-26.373	1.2204	-26.373
30.556	20.55556	33.00000	-1.00000	1.5869	-26.801	1.5869	-26.801
32.593	22.59259	33.00000	-1.00000	-0.31771	-24.803	-0.31771	-24.803
34.630	24.62963	33.00000	-1.00000	-1.8105	-20.574	-1.8105	-20.574
36.667	26.66667	33.00000	-1.00000	-1.2828	-18.357	-1.2828	-18.357
38.704	28.70370	33.00000	-1.00000	-0.80211	-17.552	-0.80211	-17.552
40.741	30.74074	33.00000	-1.00000	-0.38419	-17.179	-0.38419	-17.179
42.778	32.77778	33.00000	-1.00000	-0.063364	-17.006	-0.063364	-17.006
44.815	34.81481	33.00000	-1.00000	0.18041	-16.930	0.18041	-16.930
46.852	36.85185	33.00000	-1.00000	0.36884	-16.907	0.36884	-16.907
48.889	38.88889	33.00000	-1.00000	-5.8227	-6.2460	-5.8227	-6.2460
50.926	40.92593	33.00000	-1.00000	-8.7287	-3.2596	-8.7287	-3.2596
52.963	42.96296	33.00000	-1.00000	-8.5845	-2.2302	-8.5845	-2.2302
55.000	45.00000	33.00000	-1.00000	-8.0394	-1.7888	-8.0394	-1.7888

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (3)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	46.00000	29.00000	-1.00000	-12.499	-1.1241	1.1241	-12.499
2.1667	46.00000	26.83333	-1.00000	-12.833	-1.3890	1.3890	-12.833
4.3333	46.00000	24.66667	-1.00000	-13.335	-1.6550	1.6550	-13.335
6.5000	46.00000	22.50000	-1.00000	-14.264	-1.9963	1.9963	-14.264
8.6667	46.00000	20.33333	-1.00000	-15.761	-2.1416	2.1416	-15.761
10.833	46.00000	18.16667	-1.00000	-17.737	-1.6061	1.6061	-17.737
13.000	46.00000	16.00000	-1.00000	-15.822	0.0	0.0	-15.822

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (4)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the	Horizontal displacement perpendicular

						Line	to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	46.00000	13.00000	-1.00000	-16.939	1.9243	-4.9611	-16.310
2.1466	46.38889	10.88889	-1.00000	-14.998	2.0949	-4.7774	-14.371
4.2933	46.77778	8.77778	-1.00000	-13.586	1.8685	-4.2989	-13.023
6.4399	47.16667	6.66667	-1.00000	-12.588	1.5424	-3.7973	-12.100
8.5865	47.55556	4.55556	-1.00000	-11.928	1.3114	-3.4506	-11.493
10.733	47.94444	2.44444	-1.00000	-11.389	1.0815	-3.1269	-11.004
12.880	48.33333	0.33333	-1.00000	-10.944	0.88500	-2.8529	-10.602
15.026	48.72222	-1.77778	-1.00000	-6.7263	1.7762	-2.9654	-6.2933
17.173	49.11111	-3.88889	-1.00000	-5.6902	2.4707	-3.4606	-5.1484
19.320	49.50000	-6.00000	-1.00000	-4.6653	2.7741	-3.5734	-4.0856

Structure: Southern Boundary Wall | Sub-structure: Boundary Wall (5)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-8.50000	-6.00000	-1.00000	4.6767	3.0056	4.6767	3.0056
2.0000	-6.50000	-6.00000	-1.00000	4.6333	3.5585	4.6333	3.5585
4.0000	-4.50000	-6.00000	-1.00000	4.2690	4.1615	4.2690	4.1615
6.0000	-2.50000	-6.00000	-1.00000	3.8803	5.3088	3.8803	5.3088
8.0000	-0.50000	-6.00000	-1.00000	2.8756	6.9321	2.8756	6.9321
10.000	1.50000	-6.00000	-1.00000	0.70981	8.5178	0.70981	8.5178
12.000	3.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
14.000	5.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
16.000	7.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
18.000	9.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
20.000	11.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
22.000	13.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
24.000	15.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
26.000	17.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
28.000	19.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
30.000	21.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
32.000	23.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
34.000	25.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
36.000	27.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
38.000	29.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
40.000	31.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
42.000	33.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
44.000	35.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
46.000	37.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
48.000	39.50000	-6.00000	-1.00000	-1.9517	7.8772	-1.9517	7.8772
50.000	41.50000	-6.00000	-1.00000	-3.5322	6.2137	-3.5322	6.2137
52.000	43.50000	-6.00000	-1.00000	-4.1139	4.7215	-4.1139	4.7215
54.000	45.50000	-6.00000	-1.00000	-4.5560	3.9352	-4.5560	3.9352
56.000	47.50000	-6.00000	-1.00000	-4.7445	3.3226	-4.7445	3.3226
58.000	49.50000	-6.00000	-1.00000	-4.6653	2.7741	-4.6653	2.7741

Structure: 38 Queens Grove | Sub-structure: Eastern elevation (6)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-10.00000	0.00000	-1.00000	6.8144	0.85561	0.85561	-6.8144
2.0000	-10.00000	2.00000	-1.00000	10.112	1.0348	1.0348	-10.112
4.0000	-10.00000	4.00000	-1.00000	10.409	1.2432	1.2432	-10.409
6.0000	-10.00000	6.00000	-1.00000	10.813	1.4400	1.4400	-10.813
8.0000	-10.00000	8.00000	-1.00000	11.523	1.7201	1.7201	-11.523
10.000	-10.00000	10.00000	-1.00000	12.499	1.8760	1.8760	-12.499
12.000	-10.00000	12.00000	-1.00000	13.746	1.7495	1.7495	-13.746

Structure: 38 Queens Grove | Sub-structure: Northern elevation (7)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-15.00000	12.00000	-1.00000	10.375	1.0544	10.375	1.0544
2.5000	-12.50000	12.00000	-1.00000	12.157	1.3712	12.157	1.3712
5.0000	-10.00000	12.00000	-1.00000	13.746	1.7495	13.746	1.7495

Structure: 38 Queens Grove | Sub-structure: Southern elevation (8)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-15.00000	0.00000	-1.00000	5.1334	0.79151	5.1334	0.79151
2.5000	-12.50000	0.00000	-1.00000	5.9901	0.85440	5.9901	0.85440
5.0000	-10.00000	0.00000	-1.00000	6.8144	0.85561	6.8144	0.85561

Structure: 77 Avenue Road | Sub-structure: Extension - South (9)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-10.00000	33.00000	-1.00000	7.0163	-3.3740	7.0163	-3.3740
2.0370	-7.96296	33.00000	-1.00000	7.2494	-4.1922	7.2494	-4.1922
4.0741	-5.92593	33.00000	-1.00000	7.0909	-5.2794	7.0909	-5.2794
6.1111	-3.88889	33.00000	-1.00000	6.1860	-6.7507	6.1860	-6.7507
8.1481	-1.85185	33.00000	-1.00000	4.5475	-10.046	4.5475	-10.046
10.185	0.18519	33.00000	-1.00000	0.90956	-25.968	0.90956	-25.968
12.222	2.22222	33.00000	-1.00000	0.89093	-25.809	0.89093	-25.809
14.259	4.25926	33.00000	-1.00000	0.89644	-25.869	0.89644	-25.869
16.296	6.29630	33.00000	-1.00000	0.90858	-25.930	0.90858	-25.930
18.333	8.33333	33.00000	-1.00000	0.92327	-25.991	0.92327	-25.991
20.370	10.37037	33.00000	-1.00000	0.94226	-26.052	0.94226	-26.052
22.407	12.40741	33.00000	-1.00000	0.96869	-26.115	0.96869	-26.115
24.444	14.44444	33.00000	-1.00000	1.0089	-26.181	1.0089	-26.181
26.481	16.48148	33.00000	-1.00000	1.0781	-26.257	1.0781	-26.257
28.519	18.51852	33.00000	-1.00000	1.2204	-26.373	1.2204	-26.373
30.556	20.55556	33.00000	-1.00000	1.5869	-26.801	1.5869	-26.801
32.593	22.59259	33.00000	-1.00000	-0.31771	-24.803	-0.31771	-24.803
34.630	24.62963	33.00000	-1.00000	-1.8105	-20.574	-1.8105	-20.574
36.667	26.66667	33.00000	-1.00000	-1.2828	-18.357	-1.2828	-18.357
38.704	28.70370	33.00000	-1.00000	-0.80211	-17.552	-0.80211	-17.552
40.741	30.74074	33.00000	-1.00000	-0.38419	-17.179	-0.38419	-17.179
42.778	32.77778	33.00000	-1.00000	-0.063364	-17.006	-0.063364	-17.006
44.815	34.81481	33.00000	-1.00000	0.18041	-16.930	0.18041	-16.930
46.852	36.85185	33.00000	-1.00000	0.36884	-16.907	0.36884	-16.907
48.889	38.88889	33.00000	-1.00000	-5.8227	-6.2460	-5.8227	-6.2460
50.926	40.92593	33.00000	-1.00000	-8.7287	-3.2596	-8.7287	-3.2596
52.963	42.96296	33.00000	-1.00000	-8.5845	-2.2302	-8.5845	-2.2302
55.000	45.00000	33.00000	-1.00000	-8.0394	-1.7888	-8.0394	-1.7888

Structure: 77 Avenue Road | Sub-structure: Extension - West (10)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal	Horizontal

Oasys
73-75 Avenue Road
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 18-Mar-2016	Checked

						displacement along the Line	displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	23.00000	33.00000	-1.00000	-0.94788	-23.886	-23.886	0.94788
3.0000	23.00000	36.00000	-1.00000	-0.19168	-21.351	-21.351	0.19168

Structure: 77 Avenue Road | Sub-structure: Extension - East (11)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	34.50000	33.00000	-1.00000	0.14683	-16.938	-16.938	-0.14683
3.0000	34.50000	36.00000	-1.00000	-0.26249	-15.030	-15.030	0.26249

Structure: 77 Avenue Road | Sub-structure: Southern elevation (12)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	22.00000	36.00000	-1.00000	0.84860	-21.288	0.84860	-21.288
2.0833	24.08333	36.00000	-1.00000	-0.94823	-20.138	-0.94823	-20.138
4.1667	26.16667	36.00000	-1.00000	-1.4357	-18.000	-1.4357	-18.000
6.2500	28.25000	36.00000	-1.00000	-1.1785	-16.494	-1.1785	-16.494
8.3333	30.33333	36.00000	-1.00000	-0.84007	-15.703	-0.84007	-15.703
10.417	32.41667	36.00000	-1.00000	-0.54247	-15.281	-0.54247	-15.281
12.500	34.50000	36.00000	-1.00000	-0.26249	-15.030	-0.26249	-15.030

Structure: 77 Avenue Road | Sub-structure: Western elevation (13)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	22.00000	36.00000	-1.00000	0.84860	-21.288	-21.288	-0.84860
2.2500	22.00000	38.25000	-1.00000	0.78241	-19.002	-19.002	-0.78241
4.5000	22.00000	40.50000	-1.00000	0.71621	-16.839	-16.839	-0.71621
6.7500	22.00000	42.75000	-1.00000	0.65001	-14.772	-14.772	-0.65001
9.0000	22.00000	45.00000	-1.00000	0.58381	-12.773	-12.773	-0.58381

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - lower (14)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	33.00000	36.00000	-1.00000	-0.46101	-15.197	-15.197	0.46101
3.0000	33.00000	39.00000	-1.00000	-0.55896	-13.508	-13.508	0.55896

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - mid (15)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	33.00000	39.00000	-1.00000	-0.55896	-13.508	-0.55896	-13.508
3.0000	36.00000	39.00000	-1.00000	-0.24198	-13.113	-0.24198	-13.113

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - upper (16)

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	36.00000	39.00000	-1.00000	-0.24198	-13.113	-13.113	0.24198
2.0000	36.00000	41.00000	-1.00000	-0.26535	-11.956	-11.956	0.26535
4.0000	36.00000	43.00000	-1.00000	-0.26623	-10.830	-10.830	0.26623
6.0000	36.00000	45.00000	-1.00000	-0.28215	-9.7535	-9.7535	0.28215

Specific Building Damage Results - Vertical Displacements

Structure: Western Boundary Wall | Sub-structure: Boundary Wall (1)

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	-8.50000	-6.00000	-1.00000	4.1495
2.0541	-8.57895	-3.94737	-1.00000	4.7882
4.1083	-8.65789	-1.89474	-1.00000	5.4052
6.1624	-8.73684	0.15789	-1.00000	8.5792
8.2166	-8.81579	2.21053	-1.00000	8.7955
10.271	-8.89474	4.26316	-1.00000	9.0769
12.325	-8.97368	6.31579	-1.00000	9.4322
14.379	-9.05263	8.36842	-1.00000	10.004
16.433	-9.13158	10.42105	-1.00000	10.798
18.487	-9.21053	12.47368	-1.00000	11.741
20.541	-9.28947	14.52632	-1.00000	12.774
22.596	-9.36842	16.57895	-1.00000	13.617
24.650	-9.44737	18.63158	-1.00000	12.788
26.704	-9.52632	20.68421	-1.00000	11.978
28.758	-9.60526	22.73684	-1.00000	11.254
30.812	-9.68421	24.78947	-1.00000	10.649
32.866	-9.76316	26.84211	-1.00000	10.169
34.921	-9.84211	28.89474	-1.00000	9.8384
36.975	-9.92105	30.94737	-1.00000	6.4098
39.029	-10.00000	33.00000	-1.00000	5.7431

Structure: Northern Boundary Wall | Sub-structure: Boundary Wall (2)

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	-10.00000	33.00000	-1.00000	5.7431
2.0370	-7.96296	33.00000	-1.00000	6.2743
4.0741	-5.92593	33.00000	-1.00000	6.5056
6.1111	-3.88889	33.00000	-1.00000	6.4121
8.1481	-1.85185	33.00000	-1.00000	7.2906
10.185	0.18519	33.00000	-1.00000	15.924
12.222	2.22222	33.00000	-1.00000	15.739
14.259	4.25926	33.00000	-1.00000	15.695
16.296	6.29630	33.00000	-1.00000	15.649

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
18.333	8.33333	33.00000	-1.00000	15.603
20.370	10.37037	33.00000	-1.00000	15.557
22.407	12.40741	33.00000	-1.00000	15.515
24.444	14.44444	33.00000	-1.00000	15.483
26.481	16.48148	33.00000	-1.00000	15.478
28.519	18.51852	33.00000	-1.00000	15.548
30.556	20.55556	33.00000	-1.00000	15.955
32.593	22.59259	33.00000	-1.00000	15.565
34.630	24.62963	33.00000	-1.00000	13.177
36.667	26.66667	33.00000	-1.00000	11.718
38.704	28.70370	33.00000	-1.00000	11.003
40.741	30.74074	33.00000	-1.00000	10.465
42.778	32.77778	33.00000	-1.00000	10.036
44.815	34.81481	33.00000	-1.00000	9.6776
46.852	36.85185	33.00000	-1.00000	9.3691
48.889	38.88889	33.00000	-1.00000	4.8635
50.926	40.92593	33.00000	-1.00000	6.1070
52.963	42.96296	33.00000	-1.00000	6.4969
55.000	45.00000	33.00000	-1.00000	6.4069

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (3)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	46.00000	29.00000	-1.00000	10.181
2.1667	46.00000	26.83333	-1.00000	10.546
4.3333	46.00000	24.66667	-1.00000	11.003
6.5000	46.00000	22.50000	-1.00000	11.752
8.6667	46.00000	20.33333	-1.00000	12.804
10.833	46.00000	18.16667	-1.00000	14.074
13.000	46.00000	16.00000	-1.00000	12.388

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (4)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	46.00000	13.00000	-1.00000	13.565
2.1466	46.38889	10.88889	-1.00000	12.289
4.2933	46.77778	8.77778	-1.00000	11.246
6.4399	47.16667	6.66667	-1.00000	10.412
8.5865	47.55556	4.55556	-1.00000	9.8167
10.733	47.94444	2.44444	-1.00000	9.2862
12.880	48.33333	0.33333	-1.00000	8.8117
15.026	48.72222	-1.77778	-1.00000	5.4114
17.173	49.11111	-3.88889	-1.00000	4.6424
19.320	49.50000	-6.00000	-1.00000	3.9057

Structure: Southern Boundary Wall | Sub-structure: Boundary Wall (5)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	-8.50000	-6.00000	-1.00000	4.1495
2.0000	-6.50000	-6.00000	-1.00000	4.4978
4.0000	-4.50000	-6.00000	-1.00000	4.6235
6.0000	-2.50000	-6.00000	-1.00000	5.0548
8.0000	-0.50000	-6.00000	-1.00000	5.6788
10.000	1.50000	-6.00000	-1.00000	6.3840
12.000	3.50000	-6.00000	-1.00000	9.7950
14.000	5.50000	-6.00000	-1.00000	9.7950
16.000	7.50000	-6.00000	-1.00000	9.7950
18.000	9.50000	-6.00000	-1.00000	9.7950
20.000	11.50000	-6.00000	-1.00000	9.7950
22.000	13.50000	-6.00000	-1.00000	9.7950
24.000	15.50000	-6.00000	-1.00000	9.7950
26.000	17.50000	-6.00000	-1.00000	9.7950
28.000	19.50000	-6.00000	-1.00000	9.7950
30.000	21.50000	-6.00000	-1.00000	9.7950
32.000	23.50000	-6.00000	-1.00000	9.7950
34.000	25.50000	-6.00000	-1.00000	9.7950
36.000	27.50000	-6.00000	-1.00000	9.7950
38.000	29.50000	-6.00000	-1.00000	9.7950
40.000	31.50000	-6.00000	-1.00000	9.7950
42.000	33.50000	-6.00000	-1.00000	9.7950
44.000	35.50000	-6.00000	-1.00000	9.7950
46.000	37.50000	-6.00000	-1.00000	9.7950
48.000	39.50000	-6.00000	-1.00000	6.0574
50.000	41.50000	-6.00000	-1.00000	5.4013
52.000	43.50000	-6.00000	-1.00000	4.7876
54.000	45.50000	-6.00000	-1.00000	4.6028
56.000	47.50000	-6.00000	-1.00000	4.3383
58.000	49.50000	-6.00000	-1.00000	3.9057

Structure: 38 Queens Grove | Sub-structure: Eastern elevation (6)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	-10.00000	0.00000	-1.00000	5.4583
2.0000	-10.00000	2.00000	-1.00000	8.1150
4.0000	-10.00000	4.00000	-1.00000	8.4235
6.0000	-10.00000	6.00000	-1.00000	8.7962
8.0000	-10.00000	8.00000	-1.00000	9.4010
10.000	-10.00000	10.00000	-1.00000	10.144
12.000	-10.00000	12.00000	-1.00000	11.013

Structure: 38 Queens Grove | Sub-structure: Northern elevation (7)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	-15.00000	12.00000	-1.00000	7.0498
2.5000	-12.50000	12.00000	-1.00000	9.1545
5.0000	-10.00000	12.00000	-1.00000	11.013

Structure: 38 Queens Grove | Sub-structure: Southern elevation (8)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	-15.00000	0.00000	-1.00000	3.2740
2.5000	-12.50000	0.00000	-1.00000	4.4039
5.0000	-10.00000	0.00000	-1.00000	5.4583

Structure: 77 Avenue Road | Sub-structure: Extension - South (9)

Dist.	Coordinates x	y	z	Displacements z

Oasys
73-75 Avenue Road
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 18-Mar-2016	Checked

[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	-10.00000	33.00000	-1.00000	5.7431
2.0370	-7.96296	33.00000	-1.00000	6.2743
4.0741	-5.92593	33.00000	-1.00000	6.5056
6.1111	-3.88889	33.00000	-1.00000	6.4121
8.1481	-1.85185	33.00000	-1.00000	7.2906
10.185	0.18519	33.00000	-1.00000	15.924
12.222	2.22222	33.00000	-1.00000	15.739
14.259	4.25926	33.00000	-1.00000	15.695
16.296	6.29630	33.00000	-1.00000	15.649
18.333	8.33333	33.00000	-1.00000	15.603
20.370	10.37037	33.00000	-1.00000	15.557
22.407	12.40741	33.00000	-1.00000	15.515
24.444	14.44444	33.00000	-1.00000	15.483
26.481	16.48148	33.00000	-1.00000	15.478
28.519	18.51852	33.00000	-1.00000	15.548
30.556	20.55556	33.00000	-1.00000	15.955
32.593	22.59259	33.00000	-1.00000	15.565
34.630	24.62963	33.00000	-1.00000	13.177
36.667	26.66667	33.00000	-1.00000	11.718
38.704	28.70370	33.00000	-1.00000	11.003
40.741	30.74074	33.00000	-1.00000	10.465
42.778	32.77778	33.00000	-1.00000	10.036
44.815	34.81481	33.00000	-1.00000	9.6776
46.852	36.85185	33.00000	-1.00000	9.3691
48.889	38.88889	33.00000	-1.00000	4.8635
50.926	40.92593	33.00000	-1.00000	6.1070
52.963	42.96296	33.00000	-1.00000	6.4969
55.000	45.00000	33.00000	-1.00000	6.4069

Structure: 77 Avenue Road | Sub-structure: Extension - West (10)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	23.00000	33.00000	-1.00000	15.031
3.0000	23.00000	36.00000	-1.00000	15.805

Structure: 77 Avenue Road | Sub-structure: Extension - East (11)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	34.50000	33.00000	-1.00000	9.7293
3.0000	34.50000	36.00000	-1.00000	10.922

Structure: 77 Avenue Road | Sub-structure: Southern elevation (12)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	22.00000	36.00000	-1.00000	15.232
2.0833	24.08333	36.00000	-1.00000	15.005
4.1667	26.16667	36.00000	-1.00000	13.615
6.2500	28.25000	36.00000	-1.00000	12.497
8.3333	30.33333	36.00000	-1.00000	11.797
10.417	32.41667	36.00000	-1.00000	11.315
12.500	34.50000	36.00000	-1.00000	10.922

Structure: 77 Avenue Road | Sub-structure: Western elevation (13)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	22.00000	36.00000	-1.00000	15.232
2.2500	22.00000	38.25000	-1.00000	14.346
4.5000	22.00000	40.50000	-1.00000	12.803
6.7500	22.00000	42.75000	-1.00000	10.867
9.0000	22.00000	45.00000	-1.00000	8.7610

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - lower (14)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	33.00000	36.00000	-1.00000	11.196
3.0000	33.00000	39.00000	-1.00000	10.842

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - mid (15)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	33.00000	39.00000	-1.00000	10.842
3.0000	36.00000	39.00000	-1.00000	10.379

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - upper (16)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	36.00000	39.00000	-1.00000	10.379
2.0000	36.00000	41.00000	-1.00000	9.5899
4.0000	36.00000	43.00000	-1.00000	8.4890
6.0000	36.00000	45.00000	-1.00000	7.2262

Specific Building Damage Results - All Segments

Structure: Western Boundary Wall | Sub-structure: Boundary Wall (1)

Vertical Offset from Line for Vertical Movement Calculations [m]	Segment	Start [m]	Length [m]	Curvature	Deflection Ratio [%]	Average Horizontal Strain [%]	Max. Tensile Strain [%]	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature [m]	Damage Category
0.0	1	0.0	1.0614	None	0.0	-0.022788	0.0045576	227.93E-6	-310.99E-6	6327.0	0 (Negligible)
	2	1.0614	3.8552	Hogging	0.020513	-0.038307	0.014213	541.38E-6	-0.0015460	6773.4	0 (Negligible)
	3	4.9166	5.0771	Sagging	0.026134	-0.0053691	0.033863	541.38E-6	-0.0015460	5137.8	0 (Negligible)
	4	9.9936	8.6304	Hogging	0.0051153	0.0041313	0.011527	412.82E-6	-502.79E-6	20882.	0 (Negligible)

Vertical Offset from Line for Vertical Movement	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature	Damage Category
		5 18.624	7.7368	Sagging	0.021273	-0.040932	0.0094146	647.94E-6	-502.79E-6	4816.0	0 (Negligible)
		6 26.361	4.7849	Hogging	0.0018022	0.0028213	0.0047225	161.99E-6	394.42E-6	32541.	0 (Negligible)
		7 31.146	4.5588	Sagging	0.020990	-0.0031333	0.027688	543.45E-6	0.0016700	5170.7	0 (Negligible)
		8 35.704	3.2955	Hogging	0.031736	-0.049818	0.022039	543.45E-6	0.0016700	993.92	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: Northern Boundary Wall | Sub-structure: Boundary Wall (2)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	4.0351	Sagging	0.0036794	0.0019242	0.0071253	-114.41E-6	-260.77E-6	13558.	0 (Negligible)
		2 4.0351	5.0107	Hogging	0.059432	-0.082815	0.037661	0.0017891	-0.0042460	1766.6	0 (Negligible)
		3 9.0458	5.1815	Sagging	0.073475	-0.039526	0.071096	0.0017891	-0.0042460	1702.6	1 (Very Slight)
		4 14.227	2.0314	Sagging	1.3258E-6	590.54E-6	591.77E-6	-5.9565E-6	22.502E-6	122040.	0 (Negligible)
		5 16.259	0.75668	Sagging	1.8944E-6	715.27E-6	716.01E-6	-7.2152E-6	22.904E-6	6.4669E+6	0 (Negligible)
		6 17.015	11.330	Hogging	792.23E-6	0.0025999	0.0038022	-69.858E-6	-34.386E-6	32855.	0 (Negligible)
		7 28.346	6.0089	Sagging	0.024409	-0.046885	0.011842	935.87E-6	0.0011733	4293.3	0 (Negligible)
		8 34.355	8.5638	Hogging	0.0097851	0.018244	0.032358	733.36E-6	0.0011733	6434.3	0 (Negligible)
		9 42.918	4.5165	Sagging	0.022982	-0.030038	0.011138	0.0030488	0.0022186	4115.6	0 (Negligible)
		10 47.435	4.7337	Hogging	0.056159	-0.15289	0.042578	0.0030488	0.0022186	2578.9	0 (Negligible)
		11 52.169	2.8315	Sagging	0.0047400	0.021237	0.026840	-267.52E-6	-191.42E-6	7238.3	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (3)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	7.2249	Hogging	0.0045658	0.012746	0.018911	-157.49E-6	-485.44E-6	16832.	0 (Negligible)
		2 7.2249	5.7751	Sagging	0.030939	-0.035410	0.012352	741.82E-6	778.62E-6	1250.9	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (4)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	8.8736	Hogging	0.0053001	0.017511	0.025237	-233.63E-6	594.19E-6	19287.	0 (Negligible)
		2 8.8736	5.2329	Sagging	0.024030	0.0093658	0.045591	-150.78E-6	0.0015841	5840.4	0 (Negligible)
		3 14.107	4.0336	Hogging	0.021547	-0.014732	0.015344	230.76E-6	0.0015841	7292.8	0 (Negligible)
		4 18.140	0.85985	Hogging	0.0	-0.0052519	0.0010504	52.522E-6	343.21E-6	8200.0	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: Southern Boundary Wall | Sub-structure: Boundary Wall (5)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	2.7675	Sagging	0.0022144	-0.0066191	0.0017201	182.23E-6	-174.18E-6	11272.	0 (Negligible)
		2 2.7675	7.9052	Hogging	0.011290	-0.050884	0.011161	0.0010840	-0.0017061	5250.3	0 (Negligible)
		3 10.673	5.3273	Sagging	0.031765	-0.0088426	0.039141	355.03E-6	-0.0017061	3892.4	0 (Negligible)
		4 16.000	26.000	None	0.0	0.0	0.0	0.0	0.0	-	0 (Negligible)
		5 42.000	5.2799	Sagging	0.034327	-0.023655	0.028148	976.79E-6	0.0018706	3638.9	0 (Negligible)
		6 47.280	7.0169	Hogging	0.014969	-0.047528	0.011584	976.79E-6	0.0018706	4459.2	0 (Negligible)
		7 54.297	3.7032	Sagging	0.0020699	-0.0021968	0.0011094	94.270E-6	216.32E-6	21023.	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 38 Queens Grove | Sub-structure: Eastern elevation (6)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	5.4978	Sagging	0.026843	0.0097304	0.030802	-104.19E-6	-0.0013282	1355.5	0 (Negligible)
		2 5.4978	6.5022	Hogging	0.0029270	0.0055209	0.0069463	-140.06E-6	-434.40E-6	24026.	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 38 Queens Grove | Sub-structure: Northern elevation (7)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	5.0000	Sagging	0.0024382	0.067432	0.069194	-712.36E-6	-841.31E-6	25393.	1 (Very Slight)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 38 Queens Grove | Sub-structure: Southern elevation (8)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category

Oasys
73-75 Avenue Road
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
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Vertical Offset from Line for Vertical Movement	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	5.0000	Sagging	746.19E-6	0.033620	0.034160	-342.57E-6	-451.78E-6	82941.	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Extension - South (9)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	11.500	Hogging	0.014405	0.0066000	0.027424	733.36E-6	0.0011733	3770.2	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Extension - West (10)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	3.0000	Sagging	0.0	0.084487	0.084487	-844.16E-6	-257.54E-6	-	2 (Slight)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Extension - East (11)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	3.0000	None	0.0	0.063606	0.063606	-635.66E-6	-397.22E-6	-	1 (Very Slight)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Southern elevation (12)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	4.4415	Sagging	0.013408	-0.050667	0.012704	863.23E-6	667.52E-6	2848.5	0 (Negligible)
		2 4.4415	8.0585	Hogging	0.0054582	0.014138	0.017386	-162.40E-6	536.42E-6	13216.	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Western elevation (13)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	9.0000	Sagging	0.0089325	0.094610	0.10485	-0.0010149	935.23E-6	7008.8	2 (Slight)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - lower (14)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	3.0000	None	0.0	0.056297	0.056297	-562.65E-6	118.08E-6	-	1 (Very Slight)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - mid (15)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	3.0000	None	0.0	0.010566	0.010566	-105.65E-6	154.13E-6	-	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - upper (16)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0		1 0.0	5.0000	Sagging	0.0043631	0.056422	0.059576	-578.17E-6	631.04E-6	11944.	1 (Very Slight)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Specific Building Damage Results - Critical Values for All Segments within Each Sub-Structure

Structure: Western Boundary Wall | Sub-structure: Boundary Wall (1)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.031736	-0.049818	0.0016700	13.611	0.033863	647.94E-6	0.0016700	993.92	4816.0	0 (Negligible)

Structure: Northern Boundary Wall | Sub-structure: Boundary Wall (2)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	

Vertical Offset from Line for Vertical	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]										
0.0	0.073475	-0.15289	-0.0042460	15.950	0.071096	0.0030488	-0.0042460	1766.6	1702.6	1 (Very Slight)

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (3)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.030939	-0.035410	778.62E-6	14.068	0.018911	741.82E-6	778.62E-6	16832.	1250.9	0 (Negligible)

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (4)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.024030	0.017511	0.0015841	13.565	0.045591	-233.63E-6	0.0015841	7292.8	5840.4	0 (Negligible)

Structure: Southern Boundary Wall | Sub-structure: Boundary Wall (5)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.034327	-0.050884	0.0018706	9.7950	0.039141	0.0010840	0.0018706	4459.2	3638.9	0 (Negligible)

Structure: 38 Queens Grove | Sub-structure: Eastern elevation (6)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.026843	0.0097304	-0.0013282	11.013	0.030802	-140.06E-6	-0.0013282	24026.	1355.5	0 (Negligible)

Structure: 38 Queens Grove | Sub-structure: Northern elevation (7)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0024382	0.067432	-841.31E-6	11.013	0.069194	-712.36E-6	-841.31E-6	-	25393.	1 (Very Slight)

Structure: 38 Queens Grove | Sub-structure: Southern elevation (8)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	746.19E-6	0.033620	-451.78E-6	5.4583	0.034160	-342.57E-6	-451.78E-6	-	82941.	0 (Negligible)

Structure: 77 Avenue Road | Sub-structure: Extension - South (9)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.014405	0.0066000	0.0011733	15.087	0.027424	733.36E-6	0.0011733	3770.2	-	0 (Negligible)

Structure: 77 Avenue Road | Sub-structure: Extension - West (10)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0	0.084487	-257.54E-6	15.805	0.084487	-844.16E-6	-257.54E-6	-	-	2 (Slight)

Structure: 77 Avenue Road | Sub-structure: Extension - East (11)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0	0.063606	-397.22E-6	10.922	0.063606	-635.66E-6	-397.22E-6	-	-	1 (Very Slight)

Structure: 77 Avenue Road | Sub-structure: Southern elevation (12)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.013408	-0.050667	667.52E-6	15.232	0.017386	863.23E-6	667.52E-6	13216.	2848.5	0 (Negligible)

Structure: 77 Avenue Road | Sub-structure: Western elevation (13)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0089325	0.094610	935.23E-6	15.232	0.10485	-0.0010149	935.23E-6	-	7008.8	2 (Slight)

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - lower (14)

Oasys
73-75 Avenue Road
Combined Movements

Job No. J14383 | Sheet No. | Rev.
Drg. Ref.
Made by MP | Date 18-Mar-2016 | Checked

Vertical Offset from Line for Vertical	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]										
0.0	0.056297	0.056297	118.08E-6	11.196	0.056297	-562.65E-6	118.08E-6	-	-	1 (Very Slight)

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - mid (15)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0	0.010566	154.13E-6	10.842	0.010566	-105.65E-6	154.13E-6	-	-	0 (Negligible)

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - upper (16)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0043631	0.056422	631.04E-6	10.379	0.059576	-578.17E-6	631.04E-6	-	11944.	1 (Very Slight)

Specific Building Damage Results - Critical Segments within Each Structure

Structure Name	Parameter	Critical Sub-Structure	Critical Segment	Start	End	Curvature	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
				[m]	[m]			[mm]	[%]	[m]	[m]	
Western Boundary Wall	Maximum Slope	Boundary Wall (1)	7	31.146	35.704	Sagging	**0.0016700**	10.571	0.027688	-	5170.7	0 (Negligible)
	Maximum Settlement	Boundary Wall (1)	5	18.624	26.361	Sagging	502.79E-6	**13.611**	0.0094146	-	4816.0	0 (Negligible)
	Max. Tensile Strain	Boundary Wall (1)	3	4.9166	9.9936	Sagging	0.0015460	9.0389	**0.033863**	-	5137.8	0 (Negligible)
	Min. Radius of Curvature (Hogging)	Boundary Wall (1)	8	35.704	39.000	Hogging	0.0016700	8.5299	0.022039	**993.92**	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (1)	5	18.624	26.361	Sagging	502.79E-6	13.611	0.0094146	-	**4816.0**	0 (Negligible)
Northern Boundary Wall	Maximum Slope	Boundary Wall (2)	2	4.0351	9.0458	Hogging	**0.0042460**	11.095	0.037661	1766.6	-	0 (Negligible)
	Maximum Settlement	Boundary Wall (2)	7	28.346	34.355	Sagging	0.0011733	**15.950**	0.011842	-	4293.3	0 (Negligible)
	Max. Tensile Strain	Boundary Wall (2)	3	9.0458	14.227	Sagging	0.0042460	15.923	**0.071096**	-	1702.6	1 (Very Slight)
	Min. Radius of Curvature (Hogging)	Boundary Wall (2)	2	4.0351	9.0458	Hogging	0.0042460	11.095	0.037661	**1766.6**	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (2)	3	9.0458	14.227	Sagging	0.0042460	15.923	0.071096	-	**1702.6**	1 (Very Slight)
Eastern Boundary Wall	Maximum Slope	Boundary Wall (4)	2	8.8736	14.107	Sagging	**0.0015841**	9.7457	0.045591	-	5840.4	0 (Negligible)
	Maximum Settlement	Boundary Wall (3)	2	7.2249	13.000	Sagging	778.62E-6	**14.068**	0.012352	-	1250.9	0 (Negligible)
	Max. Tensile Strain	Boundary Wall (4)	2	8.8736	14.107	Sagging	0.0015841	9.7457	**0.045591**	-	5840.4	0 (Negligible)
	Min. Radius of Curvature (Hogging)	Boundary Wall (4)	3	14.107	18.140	Hogging	0.0015841	6.8685	0.015344	**7292.8**	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (3)	2	7.2249	13.000	Sagging	778.62E-6	14.068	0.012352	-	**1250.9**	0 (Negligible)
Southern Boundary Wall	Maximum Slope	Boundary Wall (5)	5	42.000	47.280	Sagging	**0.0018706**	9.7950	0.028148	-	3638.9	0 (Negligible)
	Maximum Settlement	Boundary Wall (5)	3	10.673	16.000	Sagging	0.0017061	**9.7950**	0.039141	-	3892.4	0 (Negligible)
	Max. Tensile Strain	Boundary Wall (5)	3	10.673	16.000	Sagging	0.0017061	9.7950	**0.039141**	-	3892.4	0 (Negligible)
	Min. Radius of Curvature (Hogging)	Boundary Wall (5)	6	47.280	54.297	Hogging	0.0018706	7.4031	0.011584	**4459.2**	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (5)	5	42.000	47.280	Sagging	0.0018706	9.7950	0.028148	-	**3638.9**	0 (Negligible)
38 Queens Grove	Maximum Slope	Eastern elevation (6)	1	0.0	5.4978	Sagging	**0.0013282**	8.7026	0.030802	-	1355.5	0 (Negligible)
	Maximum Settlement	Eastern elevation (6)	2	5.4978	12.000	Hogging	434.40E-6	**11.013**	0.0069463	24026.	-	0 (Negligible)
	Max. Tensile Strain	Northern elevation (7)	1	0.0	5.0000	Sagging	841.31E-6	11.013	**0.069194**	-	25393.	1 (Very Slight)
	Min. Radius of Curvature (Hogging)	Eastern elevation (6)	2	5.4978	12.000	Hogging	434.40E-6	11.013	0.0069463	**24026.**	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Eastern elevation (6)	1	0.0	5.4978	Sagging	0.0013282	8.7026	0.030802	-	**1355.5**	0 (Negligible)
77 Avenue Road	Maximum Slope	Extension - South (9)	1	0.0	11.500	Hogging	**0.0011733**	15.087	0.027424	3770.2	-	0 (Negligible)
	Maximum Settlement	Extension - West (10)	1	0.0	3.0000	Sagging	257.54E-6	**15.805**	0.084487	-	-	2 (Slight)
	Max. Tensile Strain	Western elevation (13)	1	0.0	9.0000	Sagging	935.23E-6	15.232	**0.10485**	-	7008.8	2 (Slight)
	Min. Radius of Curvature (Hogging)	Extension - South (9)	1	0.0	11.500	Hogging	0.0011733	15.087	0.027424	**3770.2**	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Southern elevation (12)	1	0.0	4.4415	Sagging	667.52E-6	15.232	0.012704	-	**2848.5**	0 (Negligible)

Specific Building Damage Results - All Combined Segments

Structure: Western Boundary Wall | Sub-structure: Boundary Wall (1)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: Northern Boundary Wall | Sub-structure: Boundary Wall (2)

Vertical Offset from Line for	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category

Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (3)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (4)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: Southern Boundary Wall | Sub-structure: Boundary Wall (5)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 38 Queens Grove | Sub-structure: Eastern elevation (6)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 38 Queens Grove | Sub-structure: Northern elevation (7)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 38 Queens Grove | Sub-structure: Southern elevation (8)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Extension - South (9)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Extension - West (10)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Extension - East (11)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Southern elevation (12)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Western elevation (13)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

Oasys
73-75 Avenue Road
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 18-Mar-2016	Checked

Vertical Offset from Line for Vertical	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - lower (14)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - mid (15)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

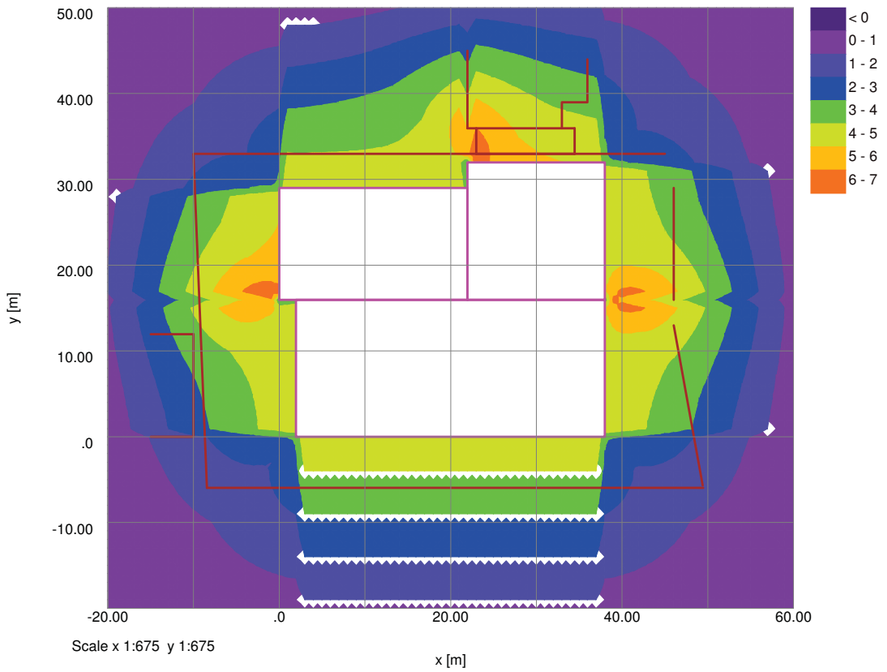
No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - upper (16)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

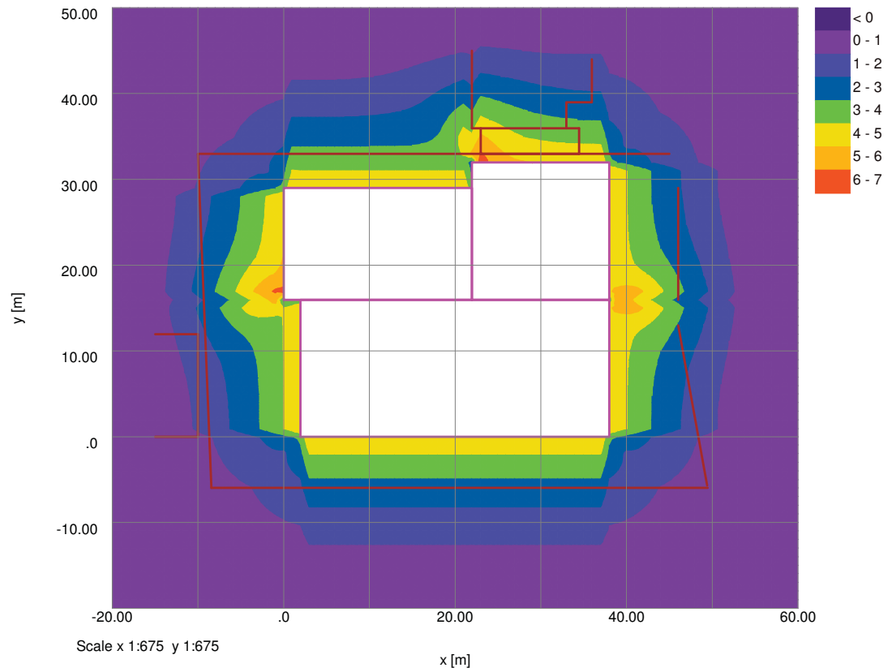
Vertical Settlement Contours: Grid 1 (level 0.000m) (Interval 1mm)



Oasys
73-75 Avenue Road
Pile Installation

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

Horizontal Displacement Contours: Grid 1 (level 0.000m) Interval 1mm



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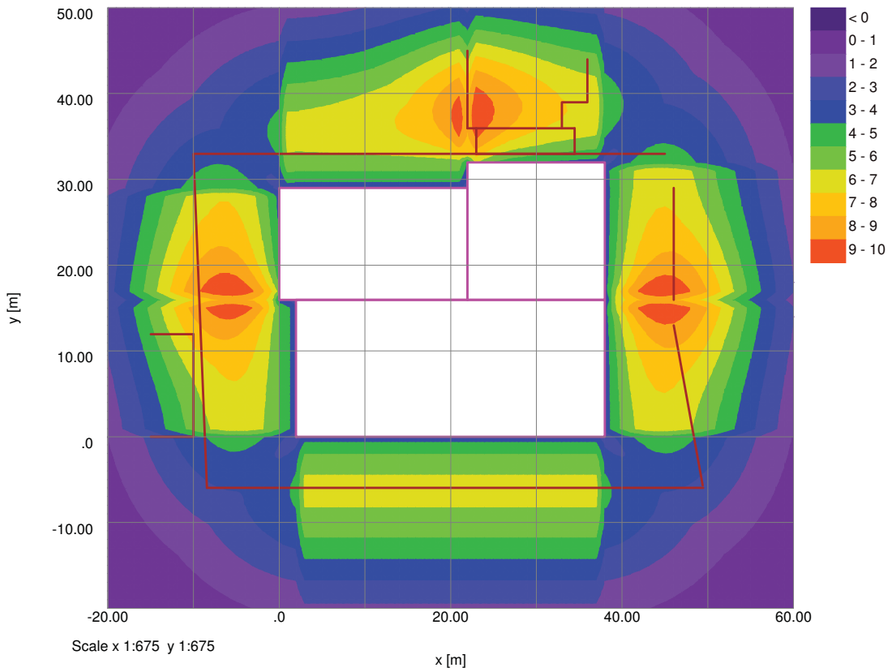
73-75 Avenue Road

Excavation Phase

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

Vertical Settlement Contours: Grid 1 (level 0.000m) (Interval 1mm)



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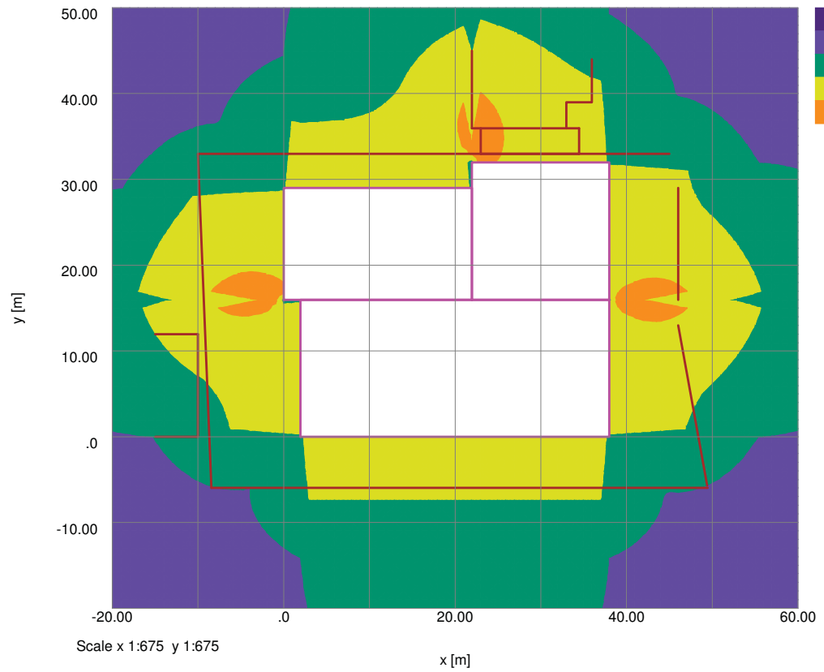
Oasys

73-75 Avenue Road

Excavation Phase

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

Horizontal Displacement Contours: Grid 1 (level 0.000m) Interval 5mm



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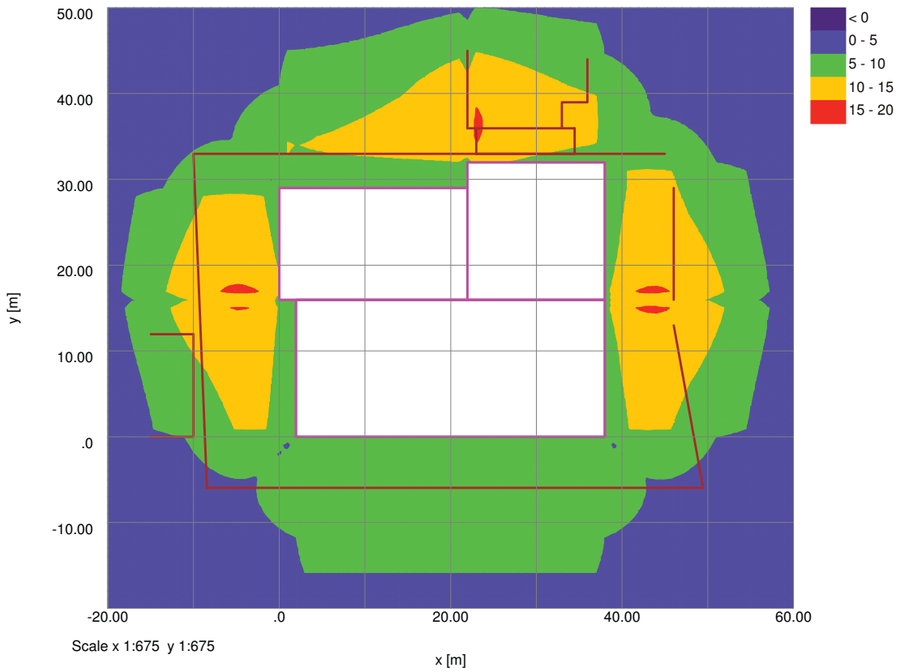
Oasys

73-75 Avenue Road

Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

Vertical Settlement Contours: Grid 1 (level 0.000m) (Interval 5mm)



Scale x 1:675 y 1:675

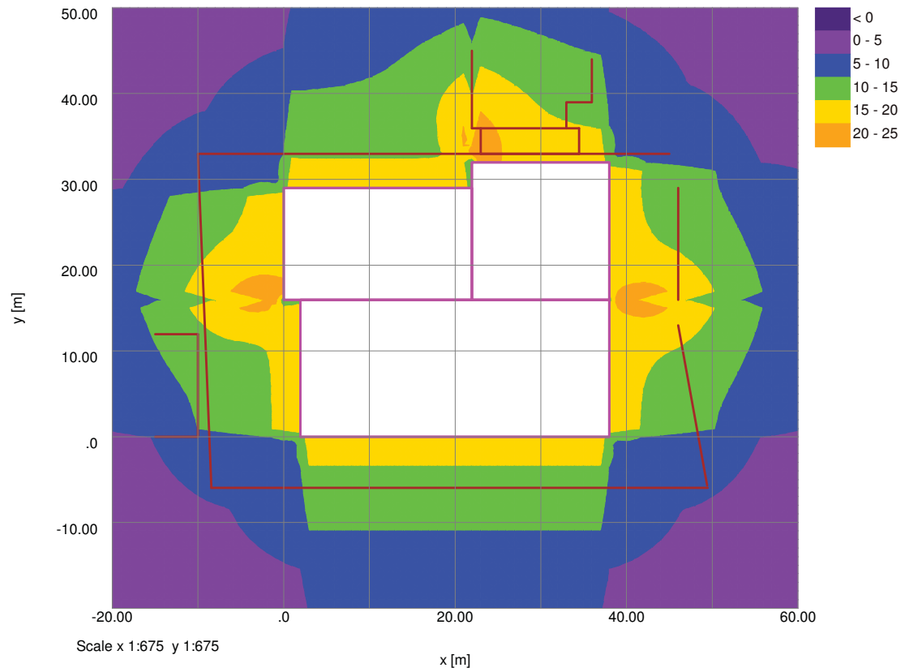
Oasys

73-75 Avenue Road

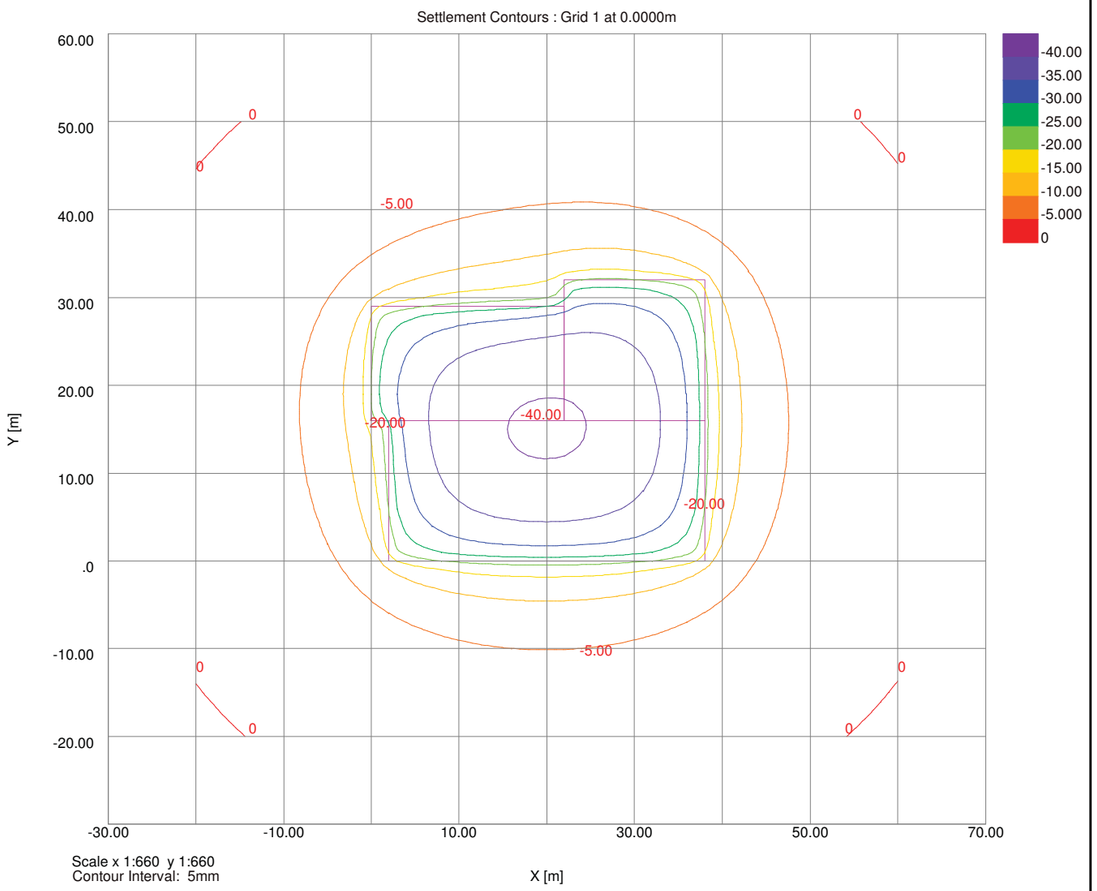
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

Horizontal Displacement Contours: Grid 1 (level 0.000m) Interval 5mm



Scale x 1:675 y 1:675



Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Analysis Options

Analysis: Boussinesq
Global Poisson's ratio: 0.50
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: -80.00 [m OD]
Displacements at area centroids calculated.

Soil ProfilesSoil Profile 1

Layer	Level at top	Number of intermediate displacement levels	Youngs Modulus Top	Youngs Modulus Btm	Poissons ratio	Non-linear curve
	[mOD]		[kN/m²]	[kN/m²]		
1	0.0	1	7500.0	7500.0	0.50000	None
2	-2.0000	6	30000.	42500.	0.50000	None
3	-8.5000	16	42500.	75000.	0.50000	None
4	-25.000	55	75000.	157500.	0.50000	None

Soil Zones

Zone	Name	X coordinates min [m]	X coordinates max [m]	Y coordinates min [m]	Y coordinates max [m]	Profile
1	Soil Zone 1	-20.000	60.000	-20.000	50.000	Soil Profile 1

Load Data

Load ref.	Name	Shape	Orientation of Plane	Centre of load (Global) X [m]	Y [m]	Z (level) [m]	Load position Angle of local x from [Degrees]	Width x or Radius [m]	Length y [m]	Polygon Coordinates [m]	Rectangle tolerance	Number of rectangles	Load value Normal (local z) [kN/m²]	Tangential (local x) [kN/m²]	(local y) [kN/m²]
1	Load 1	Rectangular	Horizontal	20.000	8.0000	-8.5000	0.0	36.000	16.000	N/A	N/A	1	-160.00	0.0	0.0
2	Load 2	Rectangular	Horizontal	11.000	22.500	-8.5000	0.0	22.000	13.000	N/A	N/A	1	-160.00	0.0	0.0
3	Load 3	Rectangular	Horizontal	30.000	24.000	-8.5000	0.0	16.000	16.000	N/A	N/A	1	-160.00	0.0	0.0

Displacement Data

Ref.	Type	Name	Direction of Extrusion	Line/Line for extrusion First point X [m]	First point Y [m]	First point Z(level) [m]	Second point X [m]	Second point Y [m]	Second point Z(level) [m]	No. of intrvls across extrusion/line	No. of intrvls along extrusion Extrusion Depth [m]	No. of intrvls along extrusion	Calculate	Show Detailed results
1	Grid	Grid 1	Global X	-20.000	-20.000	0.0	N/A	50.000	0.0	70	80.000	80	Yes	No
2	Grid	Grid 2	Global X	-20.000	-20.000	-8.5000	N/A	50.000	-8.5000	70	80.000	80	Yes	No

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.50
Horizontal rigid boundary level: -80.00 [m OD]

The maximum displacement difference between
Boussinesq method (-32.450mm) and Mindlin method (-24.857mm)
occurs at point X=32.000m Y=26.000m Level 0.0mOD and is 7.5931mm

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Vert Strain [-]
Load 1	20.00000	8.00000	-8.50000	-38.347	-8.9310	-159.99	-466.35	-157.23E-6
Load 2	11.00000	22.50000	-8.50000	-35.994	-8.9310	-159.99	-463.67	-187.92E-6
Load 3	30.00000	24.00000	-8.50000	-35.277	-8.9310	-159.99	-463.34	-191.83E-6
Grid 1	-20.00000	-20.00000	0.00000	0.19586	-0.50000	0.0	0.0	0.0
	-19.00000	-20.00000	0.00000	0.16546	-0.50000	0.0	0.0	0.0
	-18.00000	-20.00000	0.00000	0.13314	-0.50000	0.0	0.0	0.0
	-17.00000	-20.00000	0.00000	0.098854	-0.50000	0.0	0.0	0.0
	-16.00000	-20.00000	0.00000	0.062578	-0.50000	0.0	0.0	0.0
	-15.00000	-20.00000	0.00000	0.024292	-0.50000	0.0	0.0	0.0
	-14.00000	-20.00000	0.00000	-0.016008	-0.50000	0.0	0.0	0.0
	-13.00000	-20.00000	0.00000	-0.058319	-0.50000	0.0	0.0	0.0
	-12.00000	-20.00000	0.00000	-0.10262	-0.50000	0.0	0.0	0.0
	-11.00000	-20.00000	0.00000	-0.14887	-0.50000	0.0	0.0	0.0
	-10.00000	-20.00000	0.00000	-0.19701	-0.50000	0.0	0.0	0.0
	-9.00000	-20.00000	0.00000	-0.24696	-0.50000	0.0	0.0	0.0
	-8.00000	-20.00000	0.00000	-0.29863	-0.50000	0.0	0.0	0.0
	-7.00000	-20.00000	0.00000	-0.35188	-0.50000	0.0	0.0	0.0
	-6.00000	-20.00000	0.00000	-0.40657	-0.50000	0.0	0.0	0.0
	-5.00000	-20.00000	0.00000	-0.46252	-0.50000	0.0	0.0	0.0
	-4.00000	-20.00000	0.00000	-0.51953	-0.50000	0.0	0.0	0.0
	-3.00000	-20.00000	0.00000	-0.57736	-0.50000	0.0	0.0	0.0
	-2.00000	-20.00000	0.00000	-0.63577	-0.50000	0.0	0.0	0.0
	-1.00000	-20.00000	0.00000	-0.69448	-0.50000	0.0	0.0	0.0
	0.00000	-20.00000	0.00000	-0.75319	-0.50000	0.0	0.0	0.0
	1.00000	-20.00000	0.00000	-0.81160	-0.50000	0.0	0.0	0.0
	2.00000	-20.00000	0.00000	-0.86938	-0.50000	0.0	0.0	0.0
	3.00000	-20.00000	0.00000	-0.92620	-0.50000	0.0	0.0	0.0
	4.00000	-20.00000	0.00000	-0.98173	-0.50000	0.0	0.0	0.0
	5.00000	-20.00000	0.00000	-1.0356	-0.50000	0.0	0.0	0.0
	6.00000	-20.00000	0.00000	-1.0876	-0.50000	0.0	0.0	0.0
	7.00000	-20.00000	0.00000	-1.1373	-0.50000	0.0	0.0	0.0
	8.00000	-20.00000	0.00000	-1.1845	-0.50000	0.0	0.0	0.0
	9.00000	-20.00000	0.00000	-1.2289	-0.50000	0.0	0.0	0.0
	10.00000	-20.00000	0.00000	-1.2702	-0.50000	0.0	0.0	0.0
	11.00000	-20.00000	0.00000	-1.3082	-0.50000	0.0	0.0	0.0
	12.00000	-20.00000	0.00000	-1.3426	-0.50000	0.0	0.0	0.0
	13.00000	-20.00000	0.00000	-1.3734	-0.50000	0.0	0.0	0.0
	14.00000	-20.00000	0.00000	-1.4004	-0.50000	0.0	0.0	0.0
	15.00000	-20.00000	0.00000	-1.4234	-0.50000	0.0	0.0	0.0
	16.00000	-20.00000	0.00000	-1.4423	-0.50000	0.0	0.0	0.0
	17.00000	-20.00000	0.00000	-1.4570	-0.50000	0.0	0.0	0.0
	18.00000	-20.00000	0.00000	-1.4675	-0.50000	0.0	0.0	0.0
	19.00000	-20.00000	0.00000	-1.4736	-0.50000	0.0	0.0	0.0
	20.00000	-20.00000	0.00000	-1.4755	-0.50000	0.0	0.0	0.0
	21.00000	-20.00000	0.00000	-1.4730	-0.50000	0.0	0.0	0.0
	22.00000	-20.00000	0.00000	-1.4662	-0.50000	0.0	0.0	0.0
	23.00000	-20.00000	0.00000	-1.4551	-0.50000	0.0	0.0	0.0
	24.00000	-20.00000	0.00000	-1.4397	-0.50000	0.0	0.0	0.0
	25.00000	-20.00000	0.00000	-1.4202	-0.50000	0.0	0.0	0.0
	26.00000	-20.00000	0.00000	-1.3966	-0.50000	0.0	0.0	0.0
	27.00000	-20.00000	0.00000	-1.3691	-0.50000	0.0	0.0	0.0
	28.00000	-20.00000	0.00000	-1.3377	-0.50000	0.0	0.0	0.0
	29.00000	-20.00000	0.00000	-1.3026	-0.50000	0.0	0.0	0.0
	30.00000	-20.00000	0.00000	-1.2641	-0.50000	0.0	0.0	0.0
	31.00000	-20.00000	0.00000	-1.2223	-0.50000	0.0	0.0	0.0
	32.00000	-20.00000	0.00000	-1.1775	-0.50000	0.0	0.0	0.0
	33.00000	-20.00000	0.00000	-1.1298	-0.50000	0.0	0.0	0.0
	34.00000	-20.00000	0.00000	-1.0797	-0.50000	0.0	0.0	0.0
	35.00000	-20.00000	0.00000	-1.0273	-0.50000	0.0	0.0	0.0
	36.00000	-20.00000	0.00000	-0.97307	-0.50000	0.0	0.0	0.0
	37.00000	-20.00000	0.00000	-0.91723	-0.50000	0.0	0.0	0.0
	38.00000	-20.00000	0.00000	-0.86012	-0.50000	0.0	0.0	0.0
	39.00000	-20.00000	0.00000	-0.80210	-0.50000	0.0	0.0	0.0
	40.00000	-20.00000	0.00000	-0.74349	-0.50000	0.0	0.0	0.0
	41.00000	-20.00000	0.00000	-0.68461	-0.50000	0.0	0.0	0.0
	42.00000	-20.00000	0.00000	-0.62577	-0.50000	0.0	0.0	0.0
	43.00000	-20.00000	0.00000	-0.56728	-0.50000	0.0	0.0	0.0
	44.00000	-20.00000	0.00000	-0.50939	-0.50000	0.0	0.0	0.0
	45.00000	-20.00000	0.00000	-0.45237	-0.50000	0.0	0.0	0.0
	46.00000	-20.00000	0.00000	-0.39644	-0.50000	0.0	0.0	0.0
	47.00000	-20.00000	0.00000	-0.34180	-0.50000	0.0	0.0	0.0
	48.00000	-20.00000	0.00000	-0.28863	-0.50000	0.0	0.0	0.0
	49.00000	-20.00000	0.00000	-0.23708	-0.50000	0.0	0.0	0.0
	50.00000	-20.00000	0.00000	-0.18727	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	51.00000	-20.00000	0.00000	-0.13930	-0.50000	0.0	0.0	0.0
	52.00000	-20.00000	0.00000	-0.093241	-0.50000	0.0	0.0	0.0
	53.00000	-20.00000	0.00000	-0.049154	-0.50000	0.0	0.0	0.0
	54.00000	-20.00000	0.00000	-0.0070738	-0.50000	0.0	0.0	0.0
	55.00000	-20.00000	0.00000	0.032981	-0.50000	0.0	0.0	0.0
	56.00000	-20.00000	0.00000	0.071006	-0.50000	0.0	0.0	0.0
	57.00000	-20.00000	0.00000	0.10701	-0.50000	0.0	0.0	0.0
	58.00000	-20.00000	0.00000	0.14102	-0.50000	0.0	0.0	0.0
	59.00000	-20.00000	0.00000	0.17305	-0.50000	0.0	0.0	0.0
	60.00000	-20.00000	0.00000	0.20316	-0.50000	0.0	0.0	0.0
	-20.00000	-19.00000	0.00000	0.16715	-0.50000	0.0	0.0	0.0
	-19.00000	-19.00000	0.00000	0.13404	-0.50000	0.0	0.0	0.0
	-18.00000	-19.00000	0.00000	0.098802	-0.50000	0.0	0.0	0.0
	-17.00000	-19.00000	0.00000	0.061385	-0.50000	0.0	0.0	0.0
	-16.00000	-19.00000	0.00000	0.021753	-0.50000	0.0	0.0	0.0
	-15.00000	-19.00000	0.00000	-0.020123	-0.50000	0.0	0.0	0.0
	-14.00000	-19.00000	0.00000	-0.064260	-0.50000	0.0	0.0	0.0
	-13.00000	-19.00000	0.00000	-0.11066	-0.50000	0.0	0.0	0.0
	-12.00000	-19.00000	0.00000	-0.15931	-0.50000	0.0	0.0	0.0
	-11.00000	-19.00000	0.00000	-0.21017	-0.50000	0.0	0.0	0.0
	-10.00000	-19.00000	0.00000	-0.26320	-0.50000	0.0	0.0	0.0
	-9.00000	-19.00000	0.00000	-0.31831	-0.50000	0.0	0.0	0.0
	-8.00000	-19.00000	0.00000	-0.37539	-0.50000	0.0	0.0	0.0
	-7.00000	-19.00000	0.00000	-0.43432	-0.50000	0.0	0.0	0.0
	-6.00000	-19.00000	0.00000	-0.49494	-0.50000	0.0	0.0	0.0
	-5.00000	-19.00000	0.00000	-0.55705	-0.50000	0.0	0.0	0.0
	-4.00000	-19.00000	0.00000	-0.62042	-0.50000	0.0	0.0	0.0
	-3.00000	-19.00000	0.00000	-0.68480	-0.50000	0.0	0.0	0.0
	-2.00000	-19.00000	0.00000	-0.74991	-0.50000	0.0	0.0	0.0
	-1.00000	-19.00000	0.00000	-0.81542	-0.50000	0.0	0.0	0.0
	0.00000	-19.00000	0.00000	-0.88101	-0.50000	0.0	0.0	0.0
	1.00000	-19.00000	0.00000	-0.94632	-0.50000	0.0	0.0	0.0
	2.00000	-19.00000	0.00000	-1.0110	-0.50000	0.0	0.0	0.0
	3.00000	-19.00000	0.00000	-1.0746	-0.50000	0.0	0.0	0.0
	4.00000	-19.00000	0.00000	-1.1368	-0.50000	0.0	0.0	0.0
	5.00000	-19.00000	0.00000	-1.1971	-0.50000	0.0	0.0	0.0
	6.00000	-19.00000	0.00000	-1.2554	-0.50000	0.0	0.0	0.0
	7.00000	-19.00000	0.00000	-1.3111	-0.50000	0.0	0.0	0.0
	8.00000	-19.00000	0.00000	-1.3639	-0.50000	0.0	0.0	0.0
	9.00000	-19.00000	0.00000	-1.4136	-0.50000	0.0	0.0	0.0
	10.00000	-19.00000	0.00000	-1.4598	-0.50000	0.0	0.0	0.0
	11.00000	-19.00000	0.00000	-1.5023	-0.50000	0.0	0.0	0.0
	12.00000	-19.00000	0.00000	-1.5409	-0.50000	0.0	0.0	0.0
	13.00000	-19.00000	0.00000	-1.5753	-0.50000	0.0	0.0	0.0
	14.00000	-19.00000	0.00000	-1.6055	-0.50000	0.0	0.0	0.0
	15.00000	-19.00000	0.00000	-1.6311	-0.50000	0.0	0.0	0.0
	16.00000	-19.00000	0.00000	-1.6522	-0.50000	0.0	0.0	0.0
	17.00000	-19.00000	0.00000	-1.6687	-0.50000	0.0	0.0	0.0
	18.00000	-19.00000	0.00000	-1.6804	-0.50000	0.0	0.0	0.0
	19.00000	-19.00000	0.00000	-1.6872	-0.50000	0.0	0.0	0.0
	20.00000	-19.00000	0.00000	-1.6893	-0.50000	0.0	0.0	0.0
	21.00000	-19.00000	0.00000	-1.6865	-0.50000	0.0	0.0	0.0
	22.00000	-19.00000	0.00000	-1.6789	-0.50000	0.0	0.0	0.0
	23.00000	-19.00000	0.00000	-1.6665	-0.50000	0.0	0.0	0.0
	24.00000	-19.00000	0.00000	-1.6494	-0.50000	0.0	0.0	0.0
	25.00000	-19.00000	0.00000	-1.6276	-0.50000	0.0	0.0	0.0
	26.00000	-19.00000	0.00000	-1.6013	-0.50000	0.0	0.0	0.0
	27.00000	-19.00000	0.00000	-1.5705	-0.50000	0.0	0.0	0.0
	28.00000	-19.00000	0.00000	-1.5354	-0.50000	0.0	0.0	0.0
	29.00000	-19.00000	0.00000	-1.4962	-0.50000	0.0	0.0	0.0
	30.00000	-19.00000	0.00000	-1.4531	-0.50000	0.0	0.0	0.0
	31.00000	-19.00000	0.00000	-1.4063	-0.50000	0.0	0.0	0.0
	32.00000	-19.00000	0.00000	-1.3561	-0.50000	0.0	0.0	0.0
	33.00000	-19.00000	0.00000	-1.3028	-0.50000	0.0	0.0	0.0
	34.00000	-19.00000	0.00000	-1.2466	-0.50000	0.0	0.0	0.0
	35.00000	-19.00000	0.00000	-1.1880	-0.50000	0.0	0.0	0.0
	36.00000	-19.00000	0.00000	-1.1272	-0.50000	0.0	0.0	0.0
	37.00000	-19.00000	0.00000	-1.0647	-0.50000	0.0	0.0	0.0
	38.00000	-19.00000	0.00000	-1.0007	-0.50000	0.0	0.0	0.0
	39.00000	-19.00000	0.00000	-0.93583	-0.50000	0.0	0.0	0.0
	40.00000	-19.00000	0.00000	-0.87031	-0.50000	0.0	0.0	0.0
	41.00000	-19.00000	0.00000	-0.80454	-0.50000	0.0	0.0	0.0
	42.00000	-19.00000	0.00000	-0.73889	-0.50000	0.0	0.0	0.0
	43.00000	-19.00000	0.00000	-0.67369	-0.50000	0.0	0.0	0.0
	44.00000	-19.00000	0.00000	-0.60925	-0.50000	0.0	0.0	0.0
	45.00000	-19.00000	0.00000	-0.54587	-0.50000	0.0	0.0	0.0
	46.00000	-19.00000	0.00000	-0.48379	-0.50000	0.0	0.0	0.0
	47.00000	-19.00000	0.00000	-0.42324	-0.50000	0.0	0.0	0.0
	48.00000	-19.00000	0.00000	-0.36441	-0.50000	0.0	0.0	0.0
	49.00000	-19.00000	0.00000	-0.30746	-0.50000	0.0	0.0	0.0
	50.00000	-19.00000	0.00000	-0.25252	-0.50000	0.0	0.0	0.0
	51.00000	-19.00000	0.00000	-0.19968	-0.50000	0.0	0.0	0.0
	52.00000	-19.00000	0.00000	-0.14904	-0.50000	0.0	0.0	0.0
	53.00000	-19.00000	0.00000	-0.10063	-0.50000	0.0	0.0	0.0
	54.00000	-19.00000	0.00000	-0.054489	-0.50000	0.0	0.0	0.0
	55.00000	-19.00000	0.00000	-0.010630	-0.50000	0.0	0.0	0.0
	56.00000	-19.00000	0.00000	0.030953	-0.50000	0.0	0.0	0.0
	57.00000	-19.00000	0.00000	0.070281	-0.50000	0.0	0.0	0.0
	58.00000	-19.00000	0.00000	0.10738	-0.50000	0.0	0.0	0.0
	59.00000	-19.00000	0.00000	0.14230	-0.50000	0.0	0.0	0.0
	60.00000	-19.00000	0.00000	0.17509	-0.50000	0.0	0.0	0.0
	-20.00000	-18.00000	0.00000	0.13686	-0.50000	0.0	0.0	0.0
	-19.00000	-18.00000	0.00000	0.10086	-0.50000	0.0	0.0	0.0
	-18.00000	-18.00000	0.00000	0.062501	-0.50000	0.0	0.0	0.0
	-17.00000	-18.00000	0.00000	0.021730	-0.50000	0.0	0.0	0.0
	-16.00000	-18.00000	0.00000	-0.021508	-0.50000	0.0	0.0	0.0
	-15.00000	-18.00000	0.00000	-0.067253	-0.50000	0.0	0.0	0.0
	-14.00000	-18.00000	0.00000	-0.11554	-0.50000	0.0	0.0	0.0
	-13.00000	-18.00000	0.00000	-0.16637	-0.50000	0.0	0.0	0.0
	-12.00000	-18.00000	0.00000	-0.21975	-0.50000	0.0	0.0	0.0
	-11.00000	-18.00000	0.00000	-0.27565	-0.50000	0.0	0.0	0.0
	-10.00000	-18.00000	0.00000	-0.33402	-0.50000	0.0	0.0	0.0
	-9.00000	-18.00000	0.00000	-0.39479	-0.50000	0.0	0.0	0.0
	-8.00000	-18.00000	0.00000	-0.45785	-0.50000	0.0	0.0	0.0
	-7.00000	-18.00000	0.00000	-0.52306	-0.50000	0.0	0.0	0.0
	-6.00000	-18.00000	0.00000	-0.59025	-0.50000	0.0	0.0	0.0
	-5.00000	-18.00000	0.00000	-0.65921	-0.50000	0.0	0.0	0.0
	-4.00000	-18.00000	0.00000	-0.72968	-0.50000	0.0	0.0	0.0
	-3.00000	-18.00000	0.00000	-0.80140	-0.50000	0.0	0.0	0.0
	-2.00000	-18.00000	0.00000	-0.87402	-0.50000	0.0	0.0	0.0
	-1.00000	-18.00000	0.00000	-0.94719	-0.50000	0.0	0.0	0.0
	0.00000	-18.00000	0.00000	-1.0205	-0.50000	0.0	0.0	0.0
	1.00000	-18.00000	0.00000	-1.0936	-0.50000	0.0	0.0	0.0
	2.00000	-18.00000	0.00000	-1.1660	-0.50000	0.0	0.0	0.0
	3.00000	-18.00000	0.00000	-1.2373	-0.50000	0.0	0.0	0.0
	4.00000	-18.00000	0.00000	-1.3070	-0.50000	0.0	0.0	0.0
	5.00000	-18.00000	0.00000	-1.3748	-0.50000	0.0	0.0	0.0
	6.00000	-18.00000	0.00000	-1.4401	-0.50000	0.0	0.0	0.0
	7.00000	-18.00000	0.00000	-1.5025	-0.50000	0.0	0.0	0.0
	8.00000	-18.00000	0.00000	-1.5618	-0.50000	0.0	0.0	0.0
	9.00000	-18.00000	0.00000	-1.6174	-0.50000	0.0	0.0	0.0
	10.00000	-18.00000	0.00000	-1.6692	-0.50000	0.0	0.0	0.0
	11.00000	-18.00000	0.00000	-1.7168	-0.50000	0.0	0.0	0.0
	12.00000	-18.00000	0.00000	-1.7600	-0.50000	0.0	0.0	0.0
	13.00000	-18.00000	0.00000	-1.7985	-0.50000	0.0	0.0	0.0
	14.00000	-18.00000	0.00000	-1.8322	-0.50000	0.0	0.0	0.0
	15.00000	-18.00000	0.00000	-1.8608	-0.50000	0.0	0.0	0.0
	16.00000	-18.00000	0.00000	-1.8844	-0.50000	0.0	0.0	0.0
	17.00000	-18.00000	0.00000	-1.9027	-0.50000	0.0	0.0	0.0
	18.00000	-18.00000	0.00000	-1.9158	-0.50000	0.0	0.0	0.0
	19.00000	-18.00000	0.00000	-1.9235	-0.50000	0.0	0.0	0.0
	20.00000	-18.00000	0.00000	-1.9258	-0.50000	0.0	0.0	0.0
	21.00000	-18.00000	0.00000	-1.9227	-0.50000	0.0	0.0	0.0
	22.00000	-18.00000	0.00000	-1.9142	-0.50000	0.0	0.0	0.0
	23.00000	-18.00000	0.00000	-1.9004	-0.50000	0.0	0.0	0.0
	24.00000	-18.00000	0.00000	-1.8813	-0.50000	0.0	0.0	0.0
	25.00000	-18.00000	0.00000	-1.8570	-0.50000	0.0	0.0	0.0
	26.00000	-18.00000	0.00000	-1.8275	-0.50000	0.0	0.0	0.0
	27.00000	-18.00000	0.00000	-1.7931	-0.50000	0.0	0.0	0.0
	28.00000	-18.00000	0.00000	-1.7539	-0.50000	0.0	0.0	0.0
	29.00000	-18.00000	0.00000	-1.7101	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	30.00000	-18.00000	0.00000	-1.6618	-0.50000	0.0	0.0	0.0
	31.00000	-18.00000	0.00000	-1.6094	-0.50000	0.0	0.0	0.0
	32.00000	-18.00000	0.00000	-1.5532	-0.50000	0.0	0.0	0.0
	33.00000	-18.00000	0.00000	-1.4934	-0.50000	0.0	0.0	0.0
	34.00000	-18.00000	0.00000	-1.4304	-0.50000	0.0	0.0	0.0
	35.00000	-18.00000	0.00000	-1.3646	-0.50000	0.0	0.0	0.0
	36.00000	-18.00000	0.00000	-1.2965	-0.50000	0.0	0.0	0.0
	37.00000	-18.00000	0.00000	-1.2264	-0.50000	0.0	0.0	0.0
	38.00000	-18.00000	0.00000	-1.1547	-0.50000	0.0	0.0	0.0
	39.00000	-18.00000	0.00000	-1.0820	-0.50000	0.0	0.0	0.0
	40.00000	-18.00000	0.00000	-1.0087	-0.50000	0.0	0.0	0.0
	41.00000	-18.00000	0.00000	-0.93518	-0.50000	0.0	0.0	0.0
	42.00000	-18.00000	0.00000	-0.86186	-0.50000	0.0	0.0	0.0
	43.00000	-18.00000	0.00000	-0.78914	-0.50000	0.0	0.0	0.0
	44.00000	-18.00000	0.00000	-0.71738	-0.50000	0.0	0.0	0.0
	45.00000	-18.00000	0.00000	-0.64690	-0.50000	0.0	0.0	0.0
	46.00000	-18.00000	0.00000	-0.57798	-0.50000	0.0	0.0	0.0
	47.00000	-18.00000	0.00000	-0.51087	-0.50000	0.0	0.0	0.0
	48.00000	-18.00000	0.00000	-0.44578	-0.50000	0.0	0.0	0.0
	49.00000	-18.00000	0.00000	-0.38288	-0.50000	0.0	0.0	0.0
	50.00000	-18.00000	0.00000	-0.32230	-0.50000	0.0	0.0	0.0
	51.00000	-18.00000	0.00000	-0.26415	-0.50000	0.0	0.0	0.0
	52.00000	-18.00000	0.00000	-0.20850	-0.50000	0.0	0.0	0.0
	53.00000	-18.00000	0.00000	-0.15539	-0.50000	0.0	0.0	0.0
	54.00000	-18.00000	0.00000	-0.10485	-0.50000	0.0	0.0	0.0
	55.00000	-18.00000	0.00000	-0.056886	-0.50000	0.0	0.0	0.0
	56.00000	-18.00000	0.00000	-0.011470	-0.50000	0.0	0.0	0.0
	57.00000	-18.00000	0.00000	0.031426	-0.50000	0.0	0.0	0.0
	58.00000	-18.00000	0.00000	0.071847	-0.50000	0.0	0.0	0.0
	59.00000	-18.00000	0.00000	0.10985	-0.50000	0.0	0.0	0.0
	60.00000	-18.00000	0.00000	0.14549	-0.50000	0.0	0.0	0.0
	-20.00000	-17.00000	0.00000	0.10499	-0.50000	0.0	0.0	0.0
	-19.00000	-17.00000	0.00000	0.065907	-0.50000	0.0	0.0	0.0
	-18.00000	-17.00000	0.00000	0.024223	-0.50000	0.0	0.0	0.0
	-17.00000	-17.00000	0.00000	-0.020138	-0.50000	0.0	0.0	0.0
	-16.00000	-17.00000	0.00000	-0.067245	-0.50000	0.0	0.0	0.0
	-15.00000	-17.00000	0.00000	-0.11715	-0.50000	0.0	0.0	0.0
	-14.00000	-17.00000	0.00000	-0.16991	-0.50000	0.0	0.0	0.0
	-13.00000	-17.00000	0.00000	-0.22554	-0.50000	0.0	0.0	0.0
	-12.00000	-17.00000	0.00000	-0.28406	-0.50000	0.0	0.0	0.0
	-11.00000	-17.00000	0.00000	-0.34545	-0.50000	0.0	0.0	0.0
	-10.00000	-17.00000	0.00000	-0.40967	-0.50000	0.0	0.0	0.0
	-9.00000	-17.00000	0.00000	-0.47666	-0.50000	0.0	0.0	0.0
	-8.00000	-17.00000	0.00000	-0.54630	-0.50000	0.0	0.0	0.0
	-7.00000	-17.00000	0.00000	-0.61846	-0.50000	0.0	0.0	0.0
	-6.00000	-17.00000	0.00000	-0.69295	-0.50000	0.0	0.0	0.0
	-5.00000	-17.00000	0.00000	-0.76954	-0.50000	0.0	0.0	0.0
	-4.00000	-17.00000	0.00000	-0.84797	-0.50000	0.0	0.0	0.0
	-3.00000	-17.00000	0.00000	-0.92790	-0.50000	0.0	0.0	0.0
	-2.00000	-17.00000	0.00000	-1.0090	-0.50000	0.0	0.0	0.0
	-1.00000	-17.00000	0.00000	-1.0908	-0.50000	0.0	0.0	0.0
	0.00000	-17.00000	0.00000	-1.1729	-0.50000	0.0	0.0	0.0
	1.00000	-17.00000	0.00000	-1.2548	-0.50000	0.0	0.0	0.0
	2.00000	-17.00000	0.00000	-1.3360	-0.50000	0.0	0.0	0.0
	3.00000	-17.00000	0.00000	-1.4160	-0.50000	0.0	0.0	0.0
	4.00000	-17.00000	0.00000	-1.4943	-0.50000	0.0	0.0	0.0
	5.00000	-17.00000	0.00000	-1.5704	-0.50000	0.0	0.0	0.0
	6.00000	-17.00000	0.00000	-1.6437	-0.50000	0.0	0.0	0.0
	7.00000	-17.00000	0.00000	-1.7138	-0.50000	0.0	0.0	0.0
	8.00000	-17.00000	0.00000	-1.7803	-0.50000	0.0	0.0	0.0
	9.00000	-17.00000	0.00000	-1.8427	-0.50000	0.0	0.0	0.0
	10.00000	-17.00000	0.00000	-1.9007	-0.50000	0.0	0.0	0.0
	11.00000	-17.00000	0.00000	-1.9540	-0.50000	0.0	0.0	0.0
	12.00000	-17.00000	0.00000	-2.0024	-0.50000	0.0	0.0	0.0
	13.00000	-17.00000	0.00000	-2.0455	-0.50000	0.0	0.0	0.0
	14.00000	-17.00000	0.00000	-2.0831	-0.50000	0.0	0.0	0.0
	15.00000	-17.00000	0.00000	-2.1152	-0.50000	0.0	0.0	0.0
	16.00000	-17.00000	0.00000	-2.1415	-0.50000	0.0	0.0	0.0
	17.00000	-17.00000	0.00000	-2.1620	-0.50000	0.0	0.0	0.0
	18.00000	-17.00000	0.00000	-2.1765	-0.50000	0.0	0.0	0.0
	19.00000	-17.00000	0.00000	-2.1851	-0.50000	0.0	0.0	0.0
	20.00000	-17.00000	0.00000	-2.1877	-0.50000	0.0	0.0	0.0
	21.00000	-17.00000	0.00000	-2.1842	-0.50000	0.0	0.0	0.0
	22.00000	-17.00000	0.00000	-2.1748	-0.50000	0.0	0.0	0.0
	23.00000	-17.00000	0.00000	-2.1594	-0.50000	0.0	0.0	0.0
	24.00000	-17.00000	0.00000	-2.1380	-0.50000	0.0	0.0	0.0
	25.00000	-17.00000	0.00000	-2.1109	-0.50000	0.0	0.0	0.0
	26.00000	-17.00000	0.00000	-2.0780	-0.50000	0.0	0.0	0.0
	27.00000	-17.00000	0.00000	-2.0396	-0.50000	0.0	0.0	0.0
	28.00000	-17.00000	0.00000	-1.9957	-0.50000	0.0	0.0	0.0
	29.00000	-17.00000	0.00000	-1.9466	-0.50000	0.0	0.0	0.0
	30.00000	-17.00000	0.00000	-1.8926	-0.50000	0.0	0.0	0.0
	31.00000	-17.00000	0.00000	-1.8339	-0.50000	0.0	0.0	0.0
	32.00000	-17.00000	0.00000	-1.7708	-0.50000	0.0	0.0	0.0
	33.00000	-17.00000	0.00000	-1.7037	-0.50000	0.0	0.0	0.0
	34.00000	-17.00000	0.00000	-1.6330	-0.50000	0.0	0.0	0.0
	35.00000	-17.00000	0.00000	-1.5592	-0.50000	0.0	0.0	0.0
	36.00000	-17.00000	0.00000	-1.4826	-0.50000	0.0	0.0	0.0
	37.00000	-17.00000	0.00000	-1.4039	-0.50000	0.0	0.0	0.0
	38.00000	-17.00000	0.00000	-1.3236	-0.50000	0.0	0.0	0.0
	39.00000	-17.00000	0.00000	-1.2420	-0.50000	0.0	0.0	0.0
	40.00000	-17.00000	0.00000	-1.1598	-0.50000	0.0	0.0	0.0
	41.00000	-17.00000	0.00000	-1.0775	-0.50000	0.0	0.0	0.0
	42.00000	-17.00000	0.00000	-0.99557	-0.50000	0.0	0.0	0.0
	43.00000	-17.00000	0.00000	-0.91439	-0.50000	0.0	0.0	0.0
	44.00000	-17.00000	0.00000	-0.83441	-0.50000	0.0	0.0	0.0
	45.00000	-17.00000	0.00000	-0.75599	-0.50000	0.0	0.0	0.0
	46.00000	-17.00000	0.00000	-0.67945	-0.50000	0.0	0.0	0.0
	47.00000	-17.00000	0.00000	-0.60505	-0.50000	0.0	0.0	0.0
	48.00000	-17.00000	0.00000	-0.53304	-0.50000	0.0	0.0	0.0
	49.00000	-17.00000	0.00000	-0.46358	-0.50000	0.0	0.0	0.0
	50.00000	-17.00000	0.00000	-0.39682	-0.50000	0.0	0.0	0.0
	51.00000	-17.00000	0.00000	-0.33285	-0.50000	0.0	0.0	0.0
	52.00000	-17.00000	0.00000	-0.27174	-0.50000	0.0	0.0	0.0
	53.00000	-17.00000	0.00000	-0.21354	-0.50000	0.0	0.0	0.0
	54.00000	-17.00000	0.00000	-0.15824	-0.50000	0.0	0.0	0.0
	55.00000	-17.00000	0.00000	-0.10584	-0.50000	0.0	0.0	0.0
	56.00000	-17.00000	0.00000	-0.056298	-0.50000	0.0	0.0	0.0
	57.00000	-17.00000	0.00000	-0.0095745	-0.50000	0.0	0.0	0.0
	58.00000	-17.00000	0.00000	0.034394	-0.50000	0.0	0.0	0.0
	59.00000	-17.00000	0.00000	0.075678	-0.50000	0.0	0.0	0.0
	60.00000	-17.00000	0.00000	0.11436	-0.50000	0.0	0.0	0.0
	-20.00000	-16.00000	0.00000	0.071546	-0.50000	0.0	0.0	0.0
	-19.00000	-16.00000	0.00000	0.029190	-0.50000	0.0	0.0	0.0
	-18.00000	-16.00000	0.00000	-0.016037	-0.50000	0.0	0.0	0.0
	-17.00000	-16.00000	0.00000	-0.064232	-0.50000	0.0	0.0	0.0
	-16.00000	-16.00000	0.00000	-0.11548	-0.50000	0.0	0.0	0.0
	-15.00000	-16.00000	0.00000	-0.16987	-0.50000	0.0	0.0	0.0
	-14.00000	-16.00000	0.00000	-0.22745	-0.50000	0.0	0.0	0.0
	-13.00000	-16.00000	0.00000	-0.28827	-0.50000	0.0	0.0	0.0
	-12.00000	-16.00000	0.00000	-0.35237	-0.50000	0.0	0.0	0.0
	-11.00000	-16.00000	0.00000	-0.41974	-0.50000	0.0	0.0	0.0
	-10.00000	-16.00000	0.00000	-0.49036	-0.50000	0.0	0.0	0.0
	-9.00000	-16.00000	0.00000	-0.56417	-0.50000	0.0	0.0	0.0
	-8.00000	-16.00000	0.00000	-0.64107	-0.50000	0.0	0.0	0.0
	-7.00000	-16.00000	0.00000	-0.72092	-0.50000	0.0	0.0	0.0
	-6.00000	-16.00000	0.00000	-0.80353	-0.50000	0.0	0.0	0.0
	-5.00000	-16.00000	0.00000	-0.88865	-0.50000	0.0	0.0	0.0
	-4.00000	-16.00000	0.00000	-0.97598	-0.50000	0.0	0.0	0.0
	-3.00000	-16.00000	0.00000	-1.0652	-0.50000	0.0	0.0	0.0
	-2.00000	-16.00000	0.00000	-1.1558	-0.50000	0.0	0.0	0.0
	-1.00000	-16.00000	0.00000	-1.2474	-0.50000	0.0	0.0	0.0
	0.00000	-16.00000	0.00000	-1.3394	-0.50000	0.0	0.0	0.0
	1.00

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	9.00000	-16.00000	0.00000	-2.0921	-0.50000	0.0	0.0	0.0
	10.00000	-16.00000	0.00000	-2.1572	-0.50000	0.0	0.0	0.0
	11.00000	-16.00000	0.00000	-2.2170	-0.50000	0.0	0.0	0.0
	12.00000	-16.00000	0.00000	-2.2711	-0.50000	0.0	0.0	0.0
	13.00000	-16.00000	0.00000	-2.3193	-0.50000	0.0	0.0	0.0
	14.00000	-16.00000	0.00000	-2.3614	-0.50000	0.0	0.0	0.0
	15.00000	-16.00000	0.00000	-2.3972	-0.50000	0.0	0.0	0.0
	16.00000	-16.00000	0.00000	-2.4266	-0.50000	0.0	0.0	0.0
	17.00000	-16.00000	0.00000	-2.4495	-0.50000	0.0	0.0	0.0
	18.00000	-16.00000	0.00000	-2.4657	-0.50000	0.0	0.0	0.0
	19.00000	-16.00000	0.00000	-2.4753	-0.50000	0.0	0.0	0.0
	20.00000	-16.00000	0.00000	-2.4781	-0.50000	0.0	0.0	0.0
	21.00000	-16.00000	0.00000	-2.4743	-0.50000	0.0	0.0	0.0
	22.00000	-16.00000	0.00000	-2.4638	-0.50000	0.0	0.0	0.0
	23.00000	-16.00000	0.00000	-2.4466	-0.50000	0.0	0.0	0.0
	24.00000	-16.00000	0.00000	-2.4228	-0.50000	0.0	0.0	0.0
	25.00000	-16.00000	0.00000	-2.3925	-0.50000	0.0	0.0	0.0
	26.00000	-16.00000	0.00000	-2.3558	-0.50000	0.0	0.0	0.0
	27.00000	-16.00000	0.00000	-2.3128	-0.50000	0.0	0.0	0.0
	28.00000	-16.00000	0.00000	-2.2637	-0.50000	0.0	0.0	0.0
	29.00000	-16.00000	0.00000	-2.2088	-0.50000	0.0	0.0	0.0
	30.00000	-16.00000	0.00000	-2.1482	-0.50000	0.0	0.0	0.0
	31.00000	-16.00000	0.00000	-2.0823	-0.50000	0.0	0.0	0.0
	32.00000	-16.00000	0.00000	-2.0115	-0.50000	0.0	0.0	0.0
	33.00000	-16.00000	0.00000	-1.9362	-0.50000	0.0	0.0	0.0
	34.00000	-16.00000	0.00000	-1.8567	-0.50000	0.0	0.0	0.0
	35.00000	-16.00000	0.00000	-1.7737	-0.50000	0.0	0.0	0.0
	36.00000	-16.00000	0.00000	-1.6877	-0.50000	0.0	0.0	0.0
	37.00000	-16.00000	0.00000	-1.5992	-0.50000	0.0	0.0	0.0
	38.00000	-16.00000	0.00000	-1.5088	-0.50000	0.0	0.0	0.0
	39.00000	-16.00000	0.00000	-1.4172	-0.50000	0.0	0.0	0.0
	40.00000	-16.00000	0.00000	-1.3250	-0.50000	0.0	0.0	0.0
	41.00000	-16.00000	0.00000	-1.2327	-0.50000	0.0	0.0	0.0
	42.00000	-16.00000	0.00000	-1.1410	-0.50000	0.0	0.0	0.0
	43.00000	-16.00000	0.00000	-1.0503	-0.50000	0.0	0.0	0.0
	44.00000	-16.00000	0.00000	-0.96103	-0.50000	0.0	0.0	0.0
	45.00000	-16.00000	0.00000	-0.87372	-0.50000	0.0	0.0	0.0
	46.00000	-16.00000	0.00000	-0.78867	-0.50000	0.0	0.0	0.0
	47.00000	-16.00000	0.00000	-0.70618	-0.50000	0.0	0.0	0.0
	48.00000	-16.00000	0.00000	-0.62650	-0.50000	0.0	0.0	0.0
	49.00000	-16.00000	0.00000	-0.54981	-0.50000	0.0	0.0	0.0
	50.00000	-16.00000	0.00000	-0.47626	-0.50000	0.0	0.0	0.0
	51.00000	-16.00000	0.00000	-0.40593	-0.50000	0.0	0.0	0.0
	52.00000	-16.00000	0.00000	-0.33888	-0.50000	0.0	0.0	0.0
	53.00000	-16.00000	0.00000	-0.27514	-0.50000	0.0	0.0	0.0
	54.00000	-16.00000	0.00000	-0.21470	-0.50000	0.0	0.0	0.0
	55.00000	-16.00000	0.00000	-0.15752	-0.50000	0.0	0.0	0.0
	56.00000	-16.00000	0.00000	-0.10355	-0.50000	0.0	0.0	0.0
	57.00000	-16.00000	0.00000	-0.052730	-0.50000	0.0	0.0	0.0
	58.00000	-16.00000	0.00000	-0.0049755	-0.50000	0.0	0.0	0.0
	59.00000	-16.00000	0.00000	0.039805	-0.50000	0.0	0.0	0.0
	60.00000	-16.00000	0.00000	0.081711	-0.50000	0.0	0.0	0.0
	-20.00000	-15.00000	0.00000	0.036547	-0.50000	0.0	0.0	0.0
	-19.00000	-15.00000	0.00000	-0.0092764	-0.50000	0.0	0.0	0.0
	-18.00000	-15.00000	0.00000	-0.058270	-0.50000	0.0	0.0	0.0
	-17.00000	-15.00000	0.00000	-0.11055	-0.50000	0.0	0.0	0.0
	-16.00000	-15.00000	0.00000	-0.16623	-0.50000	0.0	0.0	0.0
	-15.00000	-15.00000	0.00000	-0.22542	-0.50000	0.0	0.0	0.0
	-14.00000	-15.00000	0.00000	-0.28819	-0.50000	0.0	0.0	0.0
	-13.00000	-15.00000	0.00000	-0.35462	-0.50000	0.0	0.0	0.0
	-12.00000	-15.00000	0.00000	-0.42477	-0.50000	0.0	0.0	0.0
	-11.00000	-15.00000	0.00000	-0.49865	-0.50000	0.0	0.0	0.0
	-10.00000	-15.00000	0.00000	-0.57627	-0.50000	0.0	0.0	0.0
	-9.00000	-15.00000	0.00000	-0.65758	-0.50000	0.0	0.0	0.0
	-8.00000	-15.00000	0.00000	-0.74249	-0.50000	0.0	0.0	0.0
	-7.00000	-15.00000	0.00000	-0.83086	-0.50000	0.0	0.0	0.0
	-6.00000	-15.00000	0.00000	-0.92250	-0.50000	0.0	0.0	0.0
	-5.00000	-15.00000	0.00000	-1.0171	-0.50000	0.0	0.0	0.0
	-4.00000	-15.00000	0.00000	-1.1145	-0.50000	0.0	0.0	0.0
	-3.00000	-15.00000	0.00000	-1.2141	-0.50000	0.0	0.0	0.0
	-2.00000	-15.00000	0.00000	-1.3155	-0.50000	0.0	0.0	0.0
	-1.00000	-15.00000	0.00000	-1.4182	-0.50000	0.0	0.0	0.0
	0.00000	-15.00000	0.00000	-1.5216	-0.50000	0.0	0.0	0.0
	1.00000	-15.00000	0.00000	-1.6249	-0.50000	0.0	0.0	0.0
	2.00000	-15.00000	0.00000	-1.7276	-0.50000	0.0	0.0	0.0
	3.00000	-15.00000	0.00000	-1.8289	-0.50000	0.0	0.0	0.0
	4.00000	-15.00000	0.00000	-1.9281	-0.50000	0.0	0.0	0.0
	5.00000	-15.00000	0.00000	-2.0245	-0.50000	0.0	0.0	0.0
	6.00000	-15.00000	0.00000	-2.1173	-0.50000	0.0	0.0	0.0
	7.00000	-15.00000	0.00000	-2.2060	-0.50000	0.0	0.0	0.0
	8.00000	-15.00000	0.00000	-2.2900	-0.50000	0.0	0.0	0.0
	9.00000	-15.00000	0.00000	-2.3688	-0.50000	0.0	0.0	0.0
	10.00000	-15.00000	0.00000	-2.4419	-0.50000	0.0	0.0	0.0
	11.00000	-15.00000	0.00000	-2.5090	-0.50000	0.0	0.0	0.0
	12.00000	-15.00000	0.00000	-2.5696	-0.50000	0.0	0.0	0.0
	13.00000	-15.00000	0.00000	-2.6236	-0.50000	0.0	0.0	0.0
	14.00000	-15.00000	0.00000	-2.6707	-0.50000	0.0	0.0	0.0
	15.00000	-15.00000	0.00000	-2.7107	-0.50000	0.0	0.0	0.0
	16.00000	-15.00000	0.00000	-2.7435	-0.50000	0.0	0.0	0.0
	17.00000	-15.00000	0.00000	-2.7690	-0.50000	0.0	0.0	0.0
	18.00000	-15.00000	0.00000	-2.7871	-0.50000	0.0	0.0	0.0
	19.00000	-15.00000	0.00000	-2.7978	-0.50000	0.0	0.0	0.0
	20.00000	-15.00000	0.00000	-2.8010	-0.50000	0.0	0.0	0.0
	21.00000	-15.00000	0.00000	-2.7967	-0.50000	0.0	0.0	0.0
	22.00000	-15.00000	0.00000	-2.7850	-0.50000	0.0	0.0	0.0
	23.00000	-15.00000	0.00000	-2.7658	-0.50000	0.0	0.0	0.0
	24.00000	-15.00000	0.00000	-2.7393	-0.50000	0.0	0.0	0.0
	25.00000	-15.00000	0.00000	-2.7055	-0.50000	0.0	0.0	0.0
	26.00000	-15.00000	0.00000	-2.6644	-0.50000	0.0	0.0	0.0
	27.00000	-15.00000	0.00000	-2.6164	-0.50000	0.0	0.0	0.0
	28.00000	-15.00000	0.00000	-2.5615	-0.50000	0.0	0.0	0.0
	29.00000	-15.00000	0.00000	-2.4999	-0.50000	0.0	0.0	0.0
	30.00000	-15.00000	0.00000	-2.4320	-0.50000	0.0	0.0	0.0
	31.00000	-15.00000	0.00000	-2.3580	-0.50000	0.0	0.0	0.0
	32.00000	-15.00000	0.00000	-2.2784	-0.50000	0.0	0.0	0.0
	33.00000	-15.00000	0.00000	-2.1937	-0.50000	0.0	0.0	0.0
	34.00000	-15.00000	0.00000	-2.1043	-0.50000	0.0	0.0	0.0
	35.00000	-15.00000	0.00000	-2.0108	-0.50000	0.0	0.0	0.0
	36.00000	-15.00000	0.00000	-1.9138	-0.50000	0.0	0.0	0.0
	37.00000	-15.00000	0.00000	-1.8141	-0.50000	0.0	0.0	0.0
	38.00000	-15.00000	0.00000	-1.7124	-0.50000	0.0	0.0	0.0
	39.00000	-15.00000	0.00000	-1.6093	-0.50000	0.0	0.0	0.0
	40.00000	-15.00000	0.00000	-1.5056	-0.50000	0.0	0.0	0.0
	41.00000	-15.00000	0.00000	-1.4020	-0.50000	0.0	0.0	0.0
	42.00000	-15.00000	0.00000	-1.2992	-0.50000	0.0	0.0	0.0
	43.00000	-15.00000	0.00000	-1.1976	-0.50000	0.0	0.0	0.0
	44.00000	-15.00000	0.00000	-1.0980	-0.50000	0.0	0.0	0.0
	45.00000	-15.00000	0.00000	-1.0007	-0.50000	0.0	0.0	0.0
	46.00000	-15.00000	0.00000	-0.90613	-0.50000	0.0	0.0	0.0
	47.00000	-15.00000	0.00000	-0.81464	-0.50000	0.0	0.0	0.0
	48.00000	-15.00000	0.00000	-0.72647	-0.50000	0.0	0.0	0.0
	49.00000	-15.00000	0.00000	-0.64181	-0.50000	0.0	0.0	0.0
	50.00000	-15.00000	0.00000	-0.56080	-0.50000	0.0	0.0	0.0
	51.00000	-15.00000	0.00000	-0.48352	-0.50000	0.0	0.0	0.0
	52.00000	-15.00000	0.00000	-0.41001	-0.50000	0.0	0.0	0.0
	53.00000	-15.00000	0.00000	-0.34027	-0.50000	0.0	0.0	0.0
	54.00000	-15.00000	0.00000	-0.27426	-0.50000	0.0	0.0	0.0
	55.00000	-15.00000	0.00000	-0.21194	-0.50000	0.0	0.0	0.0
	56.00000	-15.00000	0.00000	-0.15323	-0.50000	0.0	0.0	0.0
	57.00000	-15.00000	0.00000	-0.098035	-0.50000	0.0	0.0	0.0
	58.00000	-15.00000	0.00000	-0.046246	-0.50000	0.0	0.0	0.0
	59.00000	-15.00000	0.00000	0.0022484	-0.50000	0.0	0.0	0.0
	60.00000	-15.00000	0.00000	0.047570	-0.50000	0.0	0.0	0.0
	-20.00000	-14.00000	0.00000	28.216E-6	-0.50000	0.0	0.0	0.0
	-19.00000	-14.00000	0.00000	-0.049463	-0.50000	0.0	0.0	0.0
	-18.00000	-14.00000	0.00000	-0.10245	-0.50000	0.0	0.0	0.0
	-17.00000	-14.00000	0.00000	-0.15908	-0.50000	0.0	0.0	0.0
	-16.00000	-14.00000	0.00000	-0.21949	-0.50000	0.0	0.0	0.0
	-15.00000	-14.00000	0.00000	-0.28381	-0.50000	0.0	0.0	0.0
	-14.00000	-14.00000	0.00000	-0.35216	-0.50000	0.0	0.0	0.0
	-13.00000	-14.00000	0.00000	-0.42464	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-12.00000	-14.00000	0.00000	-0.50134	-0.50000	0.0	0.0	0.0
	-11.00000	-14.00000	0.00000	-0.58231	-0.50000	0.0	0.0	0.0
	-10.00000	-14.00000	0.00000	-0.66757	-0.50000	0.0	0.0	0.0
	-9.00000	-14.00000	0.00000	-0.75711	-0.50000	0.0	0.0	0.0
	-8.00000	-14.00000	0.00000	-0.85085	-0.50000	0.0	0.0	0.0
	-7.00000	-14.00000	0.00000	-0.94867	-0.50000	0.0	0.0	0.0
	-6.00000	-14.00000	0.00000	-1.0504	-0.50000	0.0	0.0	0.0
	-5.00000	-14.00000	0.00000	-1.1557	-0.50000	0.0	0.0	0.0
	-4.00000	-14.00000	0.00000	-1.2643	-0.50000	0.0	0.0	0.0
	-3.00000	-14.00000	0.00000	-1.3757	-0.50000	0.0	0.0	0.0
	-2.00000	-14.00000	0.00000	-1.4894	-0.50000	0.0	0.0	0.0
	-1.00000	-14.00000	0.00000	-1.6047	-0.50000	0.0	0.0	0.0
	0.00000	-14.00000	0.00000	-1.7210	-0.50000	0.0	0.0	0.0
	1.00000	-14.00000	0.00000	-1.8375	-0.50000	0.0	0.0	0.0
	2.00000	-14.00000	0.00000	-1.9534	-0.50000	0.0	0.0	0.0
	3.00000	-14.00000	0.00000	-2.0677	-0.50000	0.0	0.0	0.0
	4.00000	-14.00000	0.00000	-2.1797	-0.50000	0.0	0.0	0.0
	5.00000	-14.00000	0.00000	-2.2885	-0.50000	0.0	0.0	0.0
	6.00000	-14.00000	0.00000	-2.3933	-0.50000	0.0	0.0	0.0
	7.00000	-14.00000	0.00000	-2.4933	-0.50000	0.0	0.0	0.0
	8.00000	-14.00000	0.00000	-2.5880	-0.50000	0.0	0.0	0.0
	9.00000	-14.00000	0.00000	-2.6766	-0.50000	0.0	0.0	0.0
	10.00000	-14.00000	0.00000	-2.7588	-0.50000	0.0	0.0	0.0
	11.00000	-14.00000	0.00000	-2.8341	-0.50000	0.0	0.0	0.0
	12.00000	-14.00000	0.00000	-2.9020	-0.50000	0.0	0.0	0.0
	13.00000	-14.00000	0.00000	-2.9625	-0.50000	0.0	0.0	0.0
	14.00000	-14.00000	0.00000	-3.0151	-0.50000	0.0	0.0	0.0
	15.00000	-14.00000	0.00000	-3.0598	-0.50000	0.0	0.0	0.0
	16.00000	-14.00000	0.00000	-3.0964	-0.50000	0.0	0.0	0.0
	17.00000	-14.00000	0.00000	-3.1249	-0.50000	0.0	0.0	0.0
	18.00000	-14.00000	0.00000	-3.1451	-0.50000	0.0	0.0	0.0
	19.00000	-14.00000	0.00000	-3.1570	-0.50000	0.0	0.0	0.0
	20.00000	-14.00000	0.00000	-3.1606	-0.50000	0.0	0.0	0.0
	21.00000	-14.00000	0.00000	-3.1558	-0.50000	0.0	0.0	0.0
	22.00000	-14.00000	0.00000	-3.1428	-0.50000	0.0	0.0	0.0
	23.00000	-14.00000	0.00000	-3.1214	-0.50000	0.0	0.0	0.0
	24.00000	-14.00000	0.00000	-3.0918	-0.50000	0.0	0.0	0.0
	25.00000	-14.00000	0.00000	-3.0541	-0.50000	0.0	0.0	0.0
	26.00000	-14.00000	0.00000	-3.0083	-0.50000	0.0	0.0	0.0
	27.00000	-14.00000	0.00000	-2.9545	-0.50000	0.0	0.0	0.0
	28.00000	-14.00000	0.00000	-2.8930	-0.50000	0.0	0.0	0.0
	29.00000	-14.00000	0.00000	-2.8240	-0.50000	0.0	0.0	0.0
	30.00000	-14.00000	0.00000	-2.7478	-0.50000	0.0	0.0	0.0
	31.00000	-14.00000	0.00000	-2.6647	-0.50000	0.0	0.0	0.0
	32.00000	-14.00000	0.00000	-2.5752	-0.50000	0.0	0.0	0.0
	33.00000	-14.00000	0.00000	-2.4797	-0.50000	0.0	0.0	0.0
	34.00000	-14.00000	0.00000	-2.3788	-0.50000	0.0	0.0	0.0
	35.00000	-14.00000	0.00000	-2.2733	-0.50000	0.0	0.0	0.0
	36.00000	-14.00000	0.00000	-2.1639	-0.50000	0.0	0.0	0.0
	37.00000	-14.00000	0.00000	-2.0514	-0.50000	0.0	0.0	0.0
	38.00000	-14.00000	0.00000	-1.9365	-0.50000	0.0	0.0	0.0
	39.00000	-14.00000	0.00000	-1.8203	-0.50000	0.0	0.0	0.0
	40.00000	-14.00000	0.00000	-1.7034	-0.50000	0.0	0.0	0.0
	41.00000	-14.00000	0.00000	-1.5869	-0.50000	0.0	0.0	0.0
	42.00000	-14.00000	0.00000	-1.4713	-0.50000	0.0	0.0	0.0
	43.00000	-14.00000	0.00000	-1.3575	-0.50000	0.0	0.0	0.0
	44.00000	-14.00000	0.00000	-1.2461	-0.50000	0.0	0.0	0.0
	45.00000	-14.00000	0.00000	-1.1376	-0.50000	0.0	0.0	0.0
	46.00000	-14.00000	0.00000	-1.0323	-0.50000	0.0	0.0	0.0
	47.00000	-14.00000	0.00000	-0.93082	-0.50000	0.0	0.0	0.0
	48.00000	-14.00000	0.00000	-0.83324	-0.50000	0.0	0.0	0.0
	49.00000	-14.00000	0.00000	-0.73979	-0.50000	0.0	0.0	0.0
	50.00000	-14.00000	0.00000	-0.65060	-0.50000	0.0	0.0	0.0
	51.00000	-14.00000	0.00000	-0.56573	-0.50000	0.0	0.0	0.0
	52.00000	-14.00000	0.00000	-0.48519	-0.50000	0.0	0.0	0.0
	53.00000	-14.00000	0.00000	-0.40895	-0.50000	0.0	0.0	0.0
	54.00000	-14.00000	0.00000	-0.33696	-0.50000	0.0	0.0	0.0
	55.00000	-14.00000	0.00000	-0.26912	-0.50000	0.0	0.0	0.0
	56.00000	-14.00000	0.00000	-0.20533	-0.50000	0.0	0.0	0.0
	57.00000	-14.00000	0.00000	-0.14546	-0.50000	0.0	0.0	0.0
	58.00000	-14.00000	0.00000	-0.089388	-0.50000	0.0	0.0	0.0
	59.00000	-14.00000	0.00000	-0.036959	-0.50000	0.0	0.0	0.0
	60.00000	-14.00000	0.00000	0.011973	-0.50000	0.0	0.0	0.0
	-20.00000	-13.00000	0.00000	-0.037964	-0.50000	0.0	0.0	0.0
	-19.00000	-13.00000	0.00000	-0.091325	-0.50000	0.0	0.0	0.0
	-18.00000	-13.00000	0.00000	-0.14854	-0.50000	0.0	0.0	0.0
	-17.00000	-13.00000	0.00000	-0.20978	-0.50000	0.0	0.0	0.0
	-16.00000	-13.00000	0.00000	-0.27522	-0.50000	0.0	0.0	0.0
	-15.00000	-13.00000	0.00000	-0.34503	-0.50000	0.0	0.0	0.0
	-14.00000	-13.00000	0.00000	-0.41936	-0.50000	0.0	0.0	0.0
	-13.00000	-13.00000	0.00000	-0.49836	-0.50000	0.0	0.0	0.0
	-12.00000	-13.00000	0.00000	-0.58214	-0.50000	0.0	0.0	0.0
	-11.00000	-13.00000	0.00000	-0.67081	-0.50000	0.0	0.0	0.0
	-10.00000	-13.00000	0.00000	-0.76441	-0.50000	0.0	0.0	0.0
	-9.00000	-13.00000	0.00000	-0.86298	-0.50000	0.0	0.0	0.0
	-8.00000	-13.00000	0.00000	-0.96646	-0.50000	0.0	0.0	0.0
	-7.00000	-13.00000	0.00000	-1.0748	-0.50000	0.0	0.0	0.0
	-6.00000	-13.00000	0.00000	-1.1877	-0.50000	0.0	0.0	0.0
	-5.00000	-13.00000	0.00000	-1.3050	-0.50000	0.0	0.0	0.0
	-4.00000	-13.00000	0.00000	-1.4263	-0.50000	0.0	0.0	0.0
	-3.00000	-13.00000	0.00000	-1.5510	-0.50000	0.0	0.0	0.0
	-2.00000	-13.00000	0.00000	-1.6787	-0.50000	0.0	0.0	0.0
	-1.00000	-13.00000	0.00000	-1.8086	-0.50000	0.0	0.0	0.0
	0.00000	-13.00000	0.00000	-1.9398	-0.50000	0.0	0.0	0.0
	1.00000	-13.00000	0.00000	-2.0714	-0.50000	0.0	0.0	0.0
	2.00000	-13.00000	0.00000	-2.2024	-0.50000	0.0	0.0	0.0
	3.00000	-13.00000	0.00000	-2.3319	-0.50000	0.0	0.0	0.0
	4.00000	-13.00000	0.00000	-2.4586	-0.50000	0.0	0.0	0.0
	5.00000	-13.00000	0.00000	-2.5818	-0.50000	0.0	0.0	0.0
	6.00000	-13.00000	0.00000	-2.7003	-0.50000	0.0	0.0	0.0
	7.00000	-13.00000	0.00000	-2.8134	-0.50000	0.0	0.0	0.0
	8.00000	-13.00000	0.00000	-2.9202	-0.50000	0.0	0.0	0.0
	9.00000	-13.00000	0.00000	-3.0201	-0.50000	0.0	0.0	0.0
	10.00000	-13.00000	0.00000	-3.1125	-0.50000	0.0	0.0	0.0
	11.00000	-13.00000	0.00000	-3.1970	-0.50000	0.0	0.0	0.0
	12.00000	-13.00000	0.00000	-3.2733	-0.50000	0.0	0.0	0.0
	13.00000	-13.00000	0.00000	-3.3410	-0.50000	0.0	0.0	0.0
	14.00000	-13.00000	0.00000	-3.3998	-0.50000	0.0	0.0	0.0
	15.00000	-13.00000	0.00000	-3.4498	-0.50000	0.0	0.0	0.0
	16.00000	-13.00000	0.00000	-3.4906	-0.50000	0.0	0.0	0.0
	17.00000	-13.00000	0.00000	-3.5223	-0.50000	0.0	0.0	0.0
	18.00000	-13.00000	0.00000	-3.5448	-0.50000	0.0	0.0	0.0
	19.00000	-13.00000	0.00000	-3.5581	-0.50000	0.0	0.0	0.0
	20.00000	-13.00000	0.00000	-3.5621	-0.50000	0.0	0.0	0.0
	21.00000	-13.00000	0.00000	-3.5568	-0.50000	0.0	0.0	0.0
	22.00000	-13.00000	0.00000	-3.5423	-0.50000	0.0	0.0	0.0
	23.00000	-13.00000	0.00000	-3.5185	-0.50000	0.0	0.0	0.0
	24.00000	-13.00000	0.00000	-3.4855	-0.50000	0.0	0.0	0.0
	25.00000	-13.00000	0.00000	-3.4434	-0.50000	0.0	0.0	0.0
	26.00000	-13.00000	0.00000	-3.3923	-0.50000	0.0	0.0	0.0
	27.00000	-13.00000	0.00000	-3.3322	-0.50000	0.0	0.0	0.0
	28.00000	-13.00000	0.00000	-3.2633	-0.50000	0.0	0.0	0.0
	29.00000	-13.00000	0.00000	-3.1860	-0.50000	0.0	0.0	0.0
	30.00000	-13.00000	0.00000	-3.1003	-0.50000	0.0	0.0	0.0
	31.00000	-13.00000	0.00000	-3.0069	-0.50000	0.0	0.0	0.0
	32.00000	-13.00000	0.00000	-2.9060	-0.50000	0.0	0.0	0.0
	33.00000	-13.00000	0.00000	-2.7982	-0.50000	0.0	0.0	0.0
	34.00000	-13.00000	0.00000	-2.6843	-0.50000	0.0	0.0	0.0
	35.00000	-13.00000	0.00000	-2.5650	-0.50000	0.0	0.0	0.0
	36.00000	-13.00000	0.00000	-2.4412	-0.50000	0.0	0.0	0.0
	37.00000	-13.00000	0.00000	-2.3137	-0.50000	0.0	0.0	0.0
	38.00000	-13.00000	0.00000	-2.1838	-0.50000	0.0	0.0	0.0
	39.00000	-13.00000	0.00000	-2.0523	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	48.00000	-13.00000	0.00000	-0.94708	-0.50000	0.0	0.0	0.0
	49.00000	-13.00000	0.00000	-0.84395	-0.50000	0.0	0.0	0.0
	50.00000	-13.00000	0.00000	-0.74579	-0.50000	0.0	0.0	0.0
	51.00000	-13.00000	0.00000	-0.65263	-0.50000	0.0	0.0	0.0
	52.00000	-13.00000	0.00000	-0.56446	-0.50000	0.0	0.0	0.0
	53.00000	-13.00000	0.00000	-0.48120	-0.50000	0.0	0.0	0.0
	54.00000	-13.00000	0.00000	-0.40277	-0.50000	0.0	0.0	0.0
	55.00000	-13.00000	0.00000	-0.32901	-0.50000	0.0	0.0	0.0
	56.00000	-13.00000	0.00000	-0.25981	-0.50000	0.0	0.0	0.0
	57.00000	-13.00000	0.00000	-0.19498	-0.50000	0.0	0.0	0.0
	58.00000	-13.00000	0.00000	-0.13435	-0.50000	0.0	0.0	0.0
	59.00000	-13.00000	0.00000	-0.077766	-0.50000	0.0	0.0	0.0
	60.00000	-13.00000	0.00000	-0.025029	-0.50000	0.0	0.0	0.0
	-20.00000	-12.00000	0.00000	-0.077368	-0.50000	0.0	0.0	0.0
	-19.00000	-12.00000	0.00000	-0.13480	-0.50000	0.0	0.0	0.0
	-18.00000	-12.00000	0.00000	-0.19647	-0.50000	0.0	0.0	0.0
	-17.00000	-12.00000	0.00000	-0.26259	-0.50000	0.0	0.0	0.0
	-16.00000	-12.00000	0.00000	-0.33338	-0.50000	0.0	0.0	0.0
	-15.00000	-12.00000	0.00000	-0.40904	-0.50000	0.0	0.0	0.0
	-14.00000	-12.00000	0.00000	-0.48977	-0.50000	0.0	0.0	0.0
	-13.00000	-12.00000	0.00000	-0.57577	-0.50000	0.0	0.0	0.0
	-12.00000	-12.00000	0.00000	-0.66719	-0.50000	0.0	0.0	0.0
	-11.00000	-12.00000	0.00000	-0.76420	-0.50000	0.0	0.0	0.0
	-10.00000	-12.00000	0.00000	-0.86690	-0.50000	0.0	0.0	0.0
	-9.00000	-12.00000	0.00000	-0.97536	-0.50000	0.0	0.0	0.0
	-8.00000	-12.00000	0.00000	-1.0896	-0.50000	0.0	0.0	0.0
	-7.00000	-12.00000	0.00000	-1.2095	-0.50000	0.0	0.0	0.0
	-6.00000	-12.00000	0.00000	-1.3350	-0.50000	0.0	0.0	0.0
	-5.00000	-12.00000	0.00000	-1.4657	-0.50000	0.0	0.0	0.0
	-4.00000	-12.00000	0.00000	-1.6014	-0.50000	0.0	0.0	0.0
	-3.00000	-12.00000	0.00000	-1.7414	-0.50000	0.0	0.0	0.0
	-2.00000	-12.00000	0.00000	-1.8851	-0.50000	0.0	0.0	0.0
	-1.00000	-12.00000	0.00000	-2.0316	-0.50000	0.0	0.0	0.0
	0.00000	-12.00000	0.00000	-2.1800	-0.50000	0.0	0.0	0.0
	1.00000	-12.00000	0.00000	-2.3292	-0.50000	0.0	0.0	0.0
	2.00000	-12.00000	0.00000	-2.4779	-0.50000	0.0	0.0	0.0
	3.00000	-12.00000	0.00000	-2.6249	-0.50000	0.0	0.0	0.0
	4.00000	-12.00000	0.00000	-2.7688	-0.50000	0.0	0.0	0.0
	5.00000	-12.00000	0.00000	-2.9086	-0.50000	0.0	0.0	0.0
	6.00000	-12.00000	0.00000	-3.0430	-0.50000	0.0	0.0	0.0
	7.00000	-12.00000	0.00000	-3.1711	-0.50000	0.0	0.0	0.0
	8.00000	-12.00000	0.00000	-3.2919	-0.50000	0.0	0.0	0.0
	9.00000	-12.00000	0.00000	-3.4046	-0.50000	0.0	0.0	0.0
	10.00000	-12.00000	0.00000	-3.5087	-0.50000	0.0	0.0	0.0
	11.00000	-12.00000	0.00000	-3.6037	-0.50000	0.0	0.0	0.0
	12.00000	-12.00000	0.00000	-3.6893	-0.50000	0.0	0.0	0.0
	13.00000	-12.00000	0.00000	-3.7651	-0.50000	0.0	0.0	0.0
	14.00000	-12.00000	0.00000	-3.8309	-0.50000	0.0	0.0	0.0
	15.00000	-12.00000	0.00000	-3.8867	-0.50000	0.0	0.0	0.0
	16.00000	-12.00000	0.00000	-3.9322	-0.50000	0.0	0.0	0.0
	17.00000	-12.00000	0.00000	-3.9675	-0.50000	0.0	0.0	0.0
	18.00000	-12.00000	0.00000	-3.9926	-0.50000	0.0	0.0	0.0
	19.00000	-12.00000	0.00000	-4.0073	-0.50000	0.0	0.0	0.0
	20.00000	-12.00000	0.00000	-4.0118	-0.50000	0.0	0.0	0.0
	21.00000	-12.00000	0.00000	-4.0059	-0.50000	0.0	0.0	0.0
	22.00000	-12.00000	0.00000	-3.9898	-0.50000	0.0	0.0	0.0
	23.00000	-12.00000	0.00000	-3.9633	-0.50000	0.0	0.0	0.0
	24.00000	-12.00000	0.00000	-3.9266	-0.50000	0.0	0.0	0.0
	25.00000	-12.00000	0.00000	-3.8796	-0.50000	0.0	0.0	0.0
	26.00000	-12.00000	0.00000	-3.8225	-0.50000	0.0	0.0	0.0
	27.00000	-12.00000	0.00000	-3.7554	-0.50000	0.0	0.0	0.0
	28.00000	-12.00000	0.00000	-3.6783	-0.50000	0.0	0.0	0.0
	29.00000	-12.00000	0.00000	-3.5915	-0.50000	0.0	0.0	0.0
	30.00000	-12.00000	0.00000	-3.4953	-0.50000	0.0	0.0	0.0
	31.00000	-12.00000	0.00000	-3.3900	-0.50000	0.0	0.0	0.0
	32.00000	-12.00000	0.00000	-3.2761	-0.50000	0.0	0.0	0.0
	33.00000	-12.00000	0.00000	-3.1543	-0.50000	0.0	0.0	0.0
	34.00000	-12.00000	0.00000	-3.0253	-0.50000	0.0	0.0	0.0
	35.00000	-12.00000	0.00000	-2.8900	-0.50000	0.0	0.0	0.0
	36.00000	-12.00000	0.00000	-2.7495	-0.50000	0.0	0.0	0.0
	37.00000	-12.00000	0.00000	-2.6048	-0.50000	0.0	0.0	0.0
	38.00000	-12.00000	0.00000	-2.4572	-0.50000	0.0	0.0	0.0
	39.00000	-12.00000	0.00000	-2.3080	-0.50000	0.0	0.0	0.0
	40.00000	-12.00000	0.00000	-2.1584	-0.50000	0.0	0.0	0.0
	41.00000	-12.00000	0.00000	-2.0097	-0.50000	0.0	0.0	0.0
	42.00000	-12.00000	0.00000	-1.8630	-0.50000	0.0	0.0	0.0
	43.00000	-12.00000	0.00000	-1.7192	-0.50000	0.0	0.0	0.0
	44.00000	-12.00000	0.00000	-1.5792	-0.50000	0.0	0.0	0.0
	45.00000	-12.00000	0.00000	-1.4436	-0.50000	0.0	0.0	0.0
	46.00000	-12.00000	0.00000	-1.3131	-0.50000	0.0	0.0	0.0
	47.00000	-12.00000	0.00000	-1.1879	-0.50000	0.0	0.0	0.0
	48.00000	-12.00000	0.00000	-1.0683	-0.50000	0.0	0.0	0.0
	49.00000	-12.00000	0.00000	-0.95445	-0.50000	0.0	0.0	0.0
	50.00000	-12.00000	0.00000	-0.84646	-0.50000	0.0	0.0	0.0
	51.00000	-12.00000	0.00000	-0.74428	-0.50000	0.0	0.0	0.0
	52.00000	-12.00000	0.00000	-0.64784	-0.50000	0.0	0.0	0.0
	53.00000	-12.00000	0.00000	-0.55701	-0.50000	0.0	0.0	0.0
	54.00000	-12.00000	0.00000	-0.47165	-0.50000	0.0	0.0	0.0
	55.00000	-12.00000	0.00000	-0.39158	-0.50000	0.0	0.0	0.0
	56.00000	-12.00000	0.00000	-0.31660	-0.50000	0.0	0.0	0.0
	57.00000	-12.00000	0.00000	-0.24650	-0.50000	0.0	0.0	0.0
	58.00000	-12.00000	0.00000	-0.18108	-0.50000	0.0	0.0	0.0
	59.00000	-12.00000	0.00000	-0.12011	-0.50000	0.0	0.0	0.0
	60.00000	-12.00000	0.00000	-0.063370	-0.50000	0.0	0.0	0.0
	-20.00000	-11.00000	0.00000	-0.11810	-0.50000	0.0	0.0	0.0
	-19.00000	-11.00000	0.00000	-0.17980	-0.50000	0.0	0.0	0.0
	-18.00000	-11.00000	0.00000	-0.24616	-0.50000	0.0	0.0	0.0
	-17.00000	-11.00000	0.00000	-0.31744	-0.50000	0.0	0.0	0.0
	-16.00000	-11.00000	0.00000	-0.39388	-0.50000	0.0	0.0	0.0
	-15.00000	-11.00000	0.00000	-0.47576	-0.50000	0.0	0.0	0.0
	-14.00000	-11.00000	0.00000	-0.56332	-0.50000	0.0	0.0	0.0
	-13.00000	-11.00000	0.00000	-0.65681	-0.50000	0.0	0.0	0.0
	-12.00000	-11.00000	0.00000	-0.75647	-0.50000	0.0	0.0	0.0
	-11.00000	-11.00000	0.00000	-0.86251	-0.50000	0.0	0.0	0.0
	-10.00000	-11.00000	0.00000	-0.97510	-0.50000	0.0	0.0	0.0
	-9.00000	-11.00000	0.00000	-1.0944	-0.50000	0.0	0.0	0.0
	-8.00000	-11.00000	0.00000	-1.2205	-0.50000	0.0	0.0	0.0
	-7.00000	-11.00000	0.00000	-1.3533	-0.50000	0.0	0.0	0.0
	-6.00000	-11.00000	0.00000	-1.4927	-0.50000	0.0	0.0	0.0
	-5.00000	-11.00000	0.00000	-1.6386	-0.50000	0.0	0.0	0.0
	-4.00000	-11.00000	0.00000	-1.7906	-0.50000	0.0	0.0	0.0
	-3.00000	-11.00000	0.00000	-1.9480	-0.50000	0.0	0.0	0.0
	-2.00000	-11.00000	0.00000	-2.1101	-0.50000	0.0	0.0	0.0
	-1.00000	-11.00000	0.00000	-2.2760	-0.50000	0.0	0.0	0.0
	0.00000	-11.00000	0.00000	-2.4444	-0.50000	0.0	0.0	0.0
	1.00000	-11.00000	0.00000	-2.6141	-0.50000	0.0	0.0	0.0
	2.00000	-11.00000	0.00000	-2.7835	-0.50000	0.0	0.0	0.0
	3.00000	-11.00000	0.00000	-2.9510	-0.50000	0.0	0.0	0.0
	4.00000	-11.00000	0.00000	-3.1151	-0.50000	0.0	0.0	0.0
	5.00000	-11.00000	0.00000	-3.2744	-0.50000	0.0	0.0	0.0
	6.00000	-11.00000	0.00000	-3.4273	-0.50000	0.0	0.0	0.0
	7.00000	-11.00000	0.00000	-3.5727	-0.50000	0.0	0.0	0.0
	8.00000	-11.00000	0.00000	-3.7095	-0.50000	0.0	0.0	0.0
	9.00000	-11.00000	0.00000	-3.8370	-0.50000	0.0	0.0	0.0
	10.00000	-11.00000	0.00000	-3.9544	-0.50000	0.0	0.0	0.0
	11.00000	-11.00000	0.00000	-4.0613	-0.50000	0.0	0.0	0.0
	12.00000	-11.00000	0.00000	-4.1572	-0.50000	0.0	0.0	0.0
	13.00000	-11.00000	0.00000	-4.2421	-0.50000	0.0	0.0	0.0
	14.00000	-11.00000	0.00000	-4.3157	-0.50000	0.0	0.0	0.0
	15.00000	-11.00000	0.00000	-4.3779	-0.50000	0.0	0.0	0.0
	16.00000	-11.00000	0.00000	-4.4287	-0.50000	0.0	0.0	0.0
	17.00000	-11.00000	0.00000	-4.4680	-0.50000	0.0	0.0	0.0
	18.00000	-11.00000	0.00000	-4.4958	-0.50000	0.0	0.0	0.0
	19.00000	-11.00000	0.00000	-4.5122	-0.50000	0.0	0.0	0.0
	20.00000	-11.00000	0.00000	-4.5172	-0.50000	0.0	0.0	0.0
	21.00000	-11.00000	0.00000	-4.5107	-0.50000	0.0	0.0	0.0
	22.00000	-11.00000	0.00000	-4.4927	-0.50000	0.0	0.0	0.0
	23.00000	-11.00000	0.00000	-4.4633	-0.50000	0.0	0.0	0.0
	24.00000	-11.00000	0.00000	-4.4224	-0.50000	0.0	0.0	0.0
	25.00000	-11.00000	0.00000	-4.3701	-0.50000	0.0	0.0	0.0
	26.00000	-11.00000	0.00000	-4.3064	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	27.00000	-11.00000	0.00000	-4.2314	-0.50000	0.0	0.0	0.0
	28.00000	-11.00000	0.00000	-4.1451	-0.50000	0.0	0.0	0.0
	29.00000	-11.00000	0.00000	-4.0477	-0.50000	0.0	0.0	0.0
	30.00000	-11.00000	0.00000	-3.9394	-0.50000	0.0	0.0	0.0
	31.00000	-11.00000	0.00000	-3.8207	-0.50000	0.0	0.0	0.0
	32.00000	-11.00000	0.00000	-3.6921	-0.50000	0.0	0.0	0.0
	33.00000	-11.00000	0.00000	-3.5541	-0.50000	0.0	0.0	0.0
	34.00000	-11.00000	0.00000	-3.4076	-0.50000	0.0	0.0	0.0
	35.00000	-11.00000	0.00000	-3.2537	-0.50000	0.0	0.0	0.0
	36.00000	-11.00000	0.00000	-3.0936	-0.50000	0.0	0.0	0.0
	37.00000	-11.00000	0.00000	-2.9287	-0.50000	0.0	0.0	0.0
	38.00000	-11.00000	0.00000	-2.7605	-0.50000	0.0	0.0	0.0
	39.00000	-11.00000	0.00000	-2.5906	-0.50000	0.0	0.0	0.0
	40.00000	-11.00000	0.00000	-2.4205	-0.50000	0.0	0.0	0.0
	41.00000	-11.00000	0.00000	-2.2517	-0.50000	0.0	0.0	0.0
	42.00000	-11.00000	0.00000	-2.0856	-0.50000	0.0	0.0	0.0
	43.00000	-11.00000	0.00000	-1.9234	-0.50000	0.0	0.0	0.0
	44.00000	-11.00000	0.00000	-1.7660	-0.50000	0.0	0.0	0.0
	45.00000	-11.00000	0.00000	-1.6142	-0.50000	0.0	0.0	0.0
	46.00000	-11.00000	0.00000	-1.4686	-0.50000	0.0	0.0	0.0
	47.00000	-11.00000	0.00000	-1.3294	-0.50000	0.0	0.0	0.0
	48.00000	-11.00000	0.00000	-1.1970	-0.50000	0.0	0.0	0.0
	49.00000	-11.00000	0.00000	-1.0714	-0.50000	0.0	0.0	0.0
	50.00000	-11.00000	0.00000	-0.95266	-0.50000	0.0	0.0	0.0
	51.00000	-11.00000	0.00000	-0.84067	-0.50000	0.0	0.0	0.0
	52.00000	-11.00000	0.00000	-0.73528	-0.50000	0.0	0.0	0.0
	53.00000	-11.00000	0.00000	-0.63631	-0.50000	0.0	0.0	0.0
	54.00000	-11.00000	0.00000	-0.54355	-0.50000	0.0	0.0	0.0
	55.00000	-11.00000	0.00000	-0.45674	-0.50000	0.0	0.0	0.0
	56.00000	-11.00000	0.00000	-0.37563	-0.50000	0.0	0.0	0.0
	57.00000	-11.00000	0.00000	-0.29996	-0.50000	0.0	0.0	0.0
	58.00000	-11.00000	0.00000	-0.22947	-0.50000	0.0	0.0	0.0
	59.00000	-11.00000	0.00000	-0.16389	-0.50000	0.0	0.0	0.0
	60.00000	-11.00000	0.00000	-0.10297	-0.50000	0.0	0.0	0.0
	-20.00000	-10.00000	0.00000	-0.16008	-0.50000	0.0	0.0	0.0
	-19.00000	-10.00000	0.00000	-0.22624	-0.50000	0.0	0.0	0.0
	-18.00000	-10.00000	0.00000	-0.29752	-0.50000	0.0	0.0	0.0
	-17.00000	-10.00000	0.00000	-0.37421	-0.50000	0.0	0.0	0.0
	-16.00000	-10.00000	0.00000	-0.45662	-0.50000	0.0	0.0	0.0
	-15.00000	-10.00000	0.00000	-0.54508	-0.50000	0.0	0.0	0.0
	-14.00000	-10.00000	0.00000	-0.63991	-0.50000	0.0	0.0	0.0
	-13.00000	-10.00000	0.00000	-0.74141	-0.50000	0.0	0.0	0.0
	-12.00000	-10.00000	0.00000	-0.84991	-0.50000	0.0	0.0	0.0
	-11.00000	-10.00000	0.00000	-0.96569	-0.50000	0.0	0.0	0.0
	-10.00000	-10.00000	0.00000	-1.0890	-0.50000	0.0	0.0	0.0
	-9.00000	-10.00000	0.00000	-1.2202	-0.50000	0.0	0.0	0.0
	-8.00000	-10.00000	0.00000	-1.3592	-0.50000	0.0	0.0	0.0
	-7.00000	-10.00000	0.00000	-1.5064	-0.50000	0.0	0.0	0.0
	-6.00000	-10.00000	0.00000	-1.6615	-0.50000	0.0	0.0	0.0
	-5.00000	-10.00000	0.00000	-1.8245	-0.50000	0.0	0.0	0.0
	-4.00000	-10.00000	0.00000	-1.9949	-0.50000	0.0	0.0	0.0
	-3.00000	-10.00000	0.00000	-2.1723	-0.50000	0.0	0.0	0.0
	-2.00000	-10.00000	0.00000	-2.3557	-0.50000	0.0	0.0	0.0
	-1.00000	-10.00000	0.00000	-2.5441	-0.50000	0.0	0.0	0.0
	0.00000	-10.00000	0.00000	-2.7360	-0.50000	0.0	0.0	0.0
	1.00000	-10.00000	0.00000	-2.9299	-0.50000	0.0	0.0	0.0
	2.00000	-10.00000	0.00000	-3.1237	-0.50000	0.0	0.0	0.0
	3.00000	-10.00000	0.00000	-3.3156	-0.50000	0.0	0.0	0.0
	4.00000	-10.00000	0.00000	-3.5036	-0.50000	0.0	0.0	0.0
	5.00000	-10.00000	0.00000	-3.6857	-0.50000	0.0	0.0	0.0
	6.00000	-10.00000	0.00000	-3.8602	-0.50000	0.0	0.0	0.0
	7.00000	-10.00000	0.00000	-4.0258	-0.50000	0.0	0.0	0.0
	8.00000	-10.00000	0.00000	-4.1812	-0.50000	0.0	0.0	0.0
	9.00000	-10.00000	0.00000	-4.3255	-0.50000	0.0	0.0	0.0
	10.00000	-10.00000	0.00000	-4.4581	-0.50000	0.0	0.0	0.0
	11.00000	-10.00000	0.00000	-4.5783	-0.50000	0.0	0.0	0.0
	12.00000	-10.00000	0.00000	-4.6861	-0.50000	0.0	0.0	0.0
	13.00000	-10.00000	0.00000	-4.7811	-0.50000	0.0	0.0	0.0
	14.00000	-10.00000	0.00000	-4.8633	-0.50000	0.0	0.0	0.0
	15.00000	-10.00000	0.00000	-4.9327	-0.50000	0.0	0.0	0.0
	16.00000	-10.00000	0.00000	-4.9892	-0.50000	0.0	0.0	0.0
	17.00000	-10.00000	0.00000	-5.0329	-0.50000	0.0	0.0	0.0
	18.00000	-10.00000	0.00000	-5.0638	-0.50000	0.0	0.0	0.0
	19.00000	-10.00000	0.00000	-5.0820	-0.50000	0.0	0.0	0.0
	20.00000	-10.00000	0.00000	-5.0875	-0.50000	0.0	0.0	0.0
	21.00000	-10.00000	0.00000	-5.0803	-0.50000	0.0	0.0	0.0
	22.00000	-10.00000	0.00000	-5.0603	-0.50000	0.0	0.0	0.0
	23.00000	-10.00000	0.00000	-5.0277	-0.50000	0.0	0.0	0.0
	24.00000	-10.00000	0.00000	-4.9823	-0.50000	0.0	0.0	0.0
	25.00000	-10.00000	0.00000	-4.9241	-0.50000	0.0	0.0	0.0
	26.00000	-10.00000	0.00000	-4.8531	-0.50000	0.0	0.0	0.0
	27.00000	-10.00000	0.00000	-4.7692	-0.50000	0.0	0.0	0.0
	28.00000	-10.00000	0.00000	-4.6726	-0.50000	0.0	0.0	0.0
	29.00000	-10.00000	0.00000	-4.5633	-0.50000	0.0	0.0	0.0
	30.00000	-10.00000	0.00000	-4.4415	-0.50000	0.0	0.0	0.0
	31.00000	-10.00000	0.00000	-4.3075	-0.50000	0.0	0.0	0.0
	32.00000	-10.00000	0.00000	-4.1619	-0.50000	0.0	0.0	0.0
	33.00000	-10.00000	0.00000	-4.0052	-0.50000	0.0	0.0	0.0
	34.00000	-10.00000	0.00000	-3.8384	-0.50000	0.0	0.0	0.0
	35.00000	-10.00000	0.00000	-3.6628	-0.50000	0.0	0.0	0.0
	36.00000	-10.00000	0.00000	-3.4797	-0.50000	0.0	0.0	0.0
	37.00000	-10.00000	0.00000	-3.2909	-0.50000	0.0	0.0	0.0
	38.00000	-10.00000	0.00000	-3.0982	-0.50000	0.0	0.0	0.0
	39.00000	-10.00000	0.00000	-2.9038	-0.50000	0.0	0.0	0.0
	40.00000	-10.00000	0.00000	-2.7095	-0.50000	0.0	0.0	0.0
	41.00000	-10.00000	0.00000	-2.5172	-0.50000	0.0	0.0	0.0
	42.00000	-10.00000	0.00000	-2.3286	-0.50000	0.0	0.0	0.0
	43.00000	-10.00000	0.00000	-2.1451	-0.50000	0.0	0.0	0.0
	44.00000	-10.00000	0.00000	-1.9678	-0.50000	0.0	0.0	0.0
	45.00000	-10.00000	0.00000	-1.7975	-0.50000	0.0	0.0	0.0
	46.00000	-10.00000	0.00000	-1.6348	-0.50000	0.0	0.0	0.0
	47.00000	-10.00000	0.00000	-1.4800	-0.50000	0.0	0.0	0.0
	48.00000	-10.00000	0.00000	-1.3334	-0.50000	0.0	0.0	0.0
	49.00000	-10.00000	0.00000	-1.1949	-0.50000	0.0	0.0	0.0
	50.00000	-10.00000	0.00000	-1.0644	-0.50000	0.0	0.0	0.0
	51.00000	-10.00000	0.00000	-0.94174	-0.50000	0.0	0.0	0.0
	52.00000	-10.00000	0.00000	-0.82671	-0.50000	0.0	0.0	0.0
	53.00000	-10.00000	0.00000	-0.71901	-0.50000	0.0	0.0	0.0
	54.00000	-10.00000	0.00000	-0.61833	-0.50000	0.0	0.0	0.0
	55.00000	-10.00000	0.00000	-0.52436	-0.50000	0.0	0.0	0.0
	56.00000	-10.00000	0.00000	-0.43677	-0.50000	0.0	0.0	0.0
	57.00000	-10.00000	0.00000	-0.35523	-0.50000	0.0	0.0	0.0
	58.00000	-10.00000	0.00000	-0.27942	-0.50000	0.0	0.0	0.0
	59.00000	-10.00000	0.00000	-0.20902	-0.50000	0.0	0.0	0.0
	60.00000	-10.00000	0.00000	-0.14372	-0.50000	0.0	0.0	0.0
	-20.00000	-9.00000	0.00000	-0.20317	-0.50000	0.0	0.0	0.0
	-19.00000	-9.00000	0.00000	-0.27398	-0.50000	0.0	0.0	0.0
	-18.00000	-9.00000	0.00000	-0.35039	-0.50000	0.0	0.0	0.0
	-17.00000	-9.00000	0.00000	-0.43276	-0.50000	0.0	0.0	0.0
	-16.00000	-9.00000	0.00000	-0.52146	-0.50000	0.0	0.0	0.0
	-15.00000	-9.00000	0.00000	-0.61687	-0.50000	0.0	0.0	0.0
	-14.00000	-9.00000	0.00000	-0.71939	-0.50000	0.0	0.0	0.0
	-13.00000	-9.00000	0.00000	-0.82942	-0.50000	0.0	0.0	0.0
	-12.00000	-9.00000	0.00000	-0.94737	-0.50000	0.0	0.0	0.0
	-11.00000	-9.00000	0.00000	-1.0736	-0.50000	0.0	0.0	0.0
	-10.00000	-9.00000	0.00000	-1.2086	-0.50000	0.0	0.0	0.0
	-9.00000	-9.00000	0.00000	-1.3526	-0.50000	0.0	0.0	0.0
	-8.00000	-9.00000	0.00000	-1.5060	-0.50000	0.0	0.0	0.0
	-7.00000	-9.00000	0.00000	-1.6690	-0.50000	0.0	0.0	0.0
	-6.00000	-9.00000	0.00000	-1.8416	-0.50000	0.0	0.0	0.0
	-5.00000	-9.00000	0.00000	-2.0238	-0.50000	0.0	0.0	0.0
	-4.00000	-9.00000	0.00000	-2.2154	-0.50000	0.0	0.0	0.0
	-3.00000	-9.00000	0.00000	-2.4157	-0.50000	0.0	0.0

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	6.00000	-9.00000	0.00000	-4.3511	-0.50000	0.0	0.0	0.0
	7.00000	-9.00000	0.00000	-4.5403	-0.50000	0.0	0.0	0.0
	8.00000	-9.00000	0.00000	-4.7172	-0.50000	0.0	0.0	0.0
	9.00000	-9.00000	0.00000	-4.8809	-0.50000	0.0	0.0	0.0
	10.00000	-9.00000	0.00000	-5.0307	-0.50000	0.0	0.0	0.0
	11.00000	-9.00000	0.00000	-5.1661	-0.50000	0.0	0.0	0.0
	12.00000	-9.00000	0.00000	-5.2870	-0.50000	0.0	0.0	0.0
	13.00000	-9.00000	0.00000	-5.3933	-0.50000	0.0	0.0	0.0
	14.00000	-9.00000	0.00000	-5.4851	-0.50000	0.0	0.0	0.0
	15.00000	-9.00000	0.00000	-5.5623	-0.50000	0.0	0.0	0.0
	16.00000	-9.00000	0.00000	-5.6251	-0.50000	0.0	0.0	0.0
	17.00000	-9.00000	0.00000	-5.6736	-0.50000	0.0	0.0	0.0
	18.00000	-9.00000	0.00000	-5.7079	-0.50000	0.0	0.0	0.0
	19.00000	-9.00000	0.00000	-5.7281	-0.50000	0.0	0.0	0.0
	20.00000	-9.00000	0.00000	-5.7341	-0.50000	0.0	0.0	0.0
	21.00000	-9.00000	0.00000	-5.7261	-0.50000	0.0	0.0	0.0
	22.00000	-9.00000	0.00000	-5.7041	-0.50000	0.0	0.0	0.0
	23.00000	-9.00000	0.00000	-5.6679	-0.50000	0.0	0.0	0.0
	24.00000	-9.00000	0.00000	-5.6175	-0.50000	0.0	0.0	0.0
	25.00000	-9.00000	0.00000	-5.5528	-0.50000	0.0	0.0	0.0
	26.00000	-9.00000	0.00000	-5.4738	-0.50000	0.0	0.0	0.0
	27.00000	-9.00000	0.00000	-5.3802	-0.50000	0.0	0.0	0.0
	28.00000	-9.00000	0.00000	-5.2721	-0.50000	0.0	0.0	0.0
	29.00000	-9.00000	0.00000	-5.1495	-0.50000	0.0	0.0	0.0
	30.00000	-9.00000	0.00000	-5.0123	-0.50000	0.0	0.0	0.0
	31.00000	-9.00000	0.00000	-4.8610	-0.50000	0.0	0.0	0.0
	32.00000	-9.00000	0.00000	-4.6957	-0.50000	0.0	0.0	0.0
	33.00000	-9.00000	0.00000	-4.5174	-0.50000	0.0	0.0	0.0
	34.00000	-9.00000	0.00000	-4.3268	-0.50000	0.0	0.0	0.0
	35.00000	-9.00000	0.00000	-4.1255	-0.50000	0.0	0.0	0.0
	36.00000	-9.00000	0.00000	-3.9151	-0.50000	0.0	0.0	0.0
	37.00000	-9.00000	0.00000	-3.6978	-0.50000	0.0	0.0	0.0
	38.00000	-9.00000	0.00000	-3.4760	-0.50000	0.0	0.0	0.0
	39.00000	-9.00000	0.00000	-3.2522	-0.50000	0.0	0.0	0.0
	40.00000	-9.00000	0.00000	-3.0291	-0.50000	0.0	0.0	0.0
	41.00000	-9.00000	0.00000	-2.8089	-0.50000	0.0	0.0	0.0
	42.00000	-9.00000	0.00000	-2.5939	-0.50000	0.0	0.0	0.0
	43.00000	-9.00000	0.00000	-2.3856	-0.50000	0.0	0.0	0.0
	44.00000	-9.00000	0.00000	-2.1853	-0.50000	0.0	0.0	0.0
	45.00000	-9.00000	0.00000	-1.9940	-0.50000	0.0	0.0	0.0
	46.00000	-9.00000	0.00000	-1.8121	-0.50000	0.0	0.0	0.0
	47.00000	-9.00000	0.00000	-1.6399	-0.50000	0.0	0.0	0.0
	48.00000	-9.00000	0.00000	-1.4775	-0.50000	0.0	0.0	0.0
	49.00000	-9.00000	0.00000	-1.3248	-0.50000	0.0	0.0	0.0
	50.00000	-9.00000	0.00000	-1.1815	-0.50000	0.0	0.0	0.0
	51.00000	-9.00000	0.00000	-1.0474	-0.50000	0.0	0.0	0.0
	52.00000	-9.00000	0.00000	-0.92197	-0.50000	0.0	0.0	0.0
	53.00000	-9.00000	0.00000	-0.80493	-0.50000	0.0	0.0	0.0
	54.00000	-9.00000	0.00000	-0.69585	-0.50000	0.0	0.0	0.0
	55.00000	-9.00000	0.00000	-0.59430	-0.50000	0.0	0.0	0.0
	56.00000	-9.00000	0.00000	-0.49987	-0.50000	0.0	0.0	0.0
	57.00000	-9.00000	0.00000	-0.41217	-0.50000	0.0	0.0	0.0
	58.00000	-9.00000	0.00000	-0.33079	-0.50000	0.0	0.0	0.0
	59.00000	-9.00000	0.00000	-0.25536	-0.50000	0.0	0.0	0.0
	60.00000	-9.00000	0.00000	-0.18551	-0.50000	0.0	0.0	0.0
	-20.00000	-8.00000	0.00000	-0.24726	-0.50000	0.0	0.0	0.0
	-19.00000	-8.00000	0.00000	-0.32289	-0.50000	0.0	0.0	0.0
	-18.00000	-8.00000	0.00000	-0.40465	-0.50000	0.0	0.0	0.0
	-17.00000	-8.00000	0.00000	-0.49294	-0.50000	0.0	0.0	0.0
	-16.00000	-8.00000	0.00000	-0.58821	-0.50000	0.0	0.0	0.0
	-15.00000	-8.00000	0.00000	-0.69093	-0.50000	0.0	0.0	0.0
	-14.00000	-8.00000	0.00000	-0.80157	-0.50000	0.0	0.0	0.0
	-13.00000	-8.00000	0.00000	-0.92065	-0.50000	0.0	0.0	0.0
	-12.00000	-8.00000	0.00000	-1.0487	-0.50000	0.0	0.0	0.0
	-11.00000	-8.00000	0.00000	-1.1862	-0.50000	0.0	0.0	0.0
	-10.00000	-8.00000	0.00000	-1.3337	-0.50000	0.0	0.0	0.0
	-9.00000	-8.00000	0.00000	-1.4918	-0.50000	0.0	0.0	0.0
	-8.00000	-8.00000	0.00000	-1.6608	-0.50000	0.0	0.0	0.0
	-7.00000	-8.00000	0.00000	-1.8413	-0.50000	0.0	0.0	0.0
	-6.00000	-8.00000	0.00000	-2.0334	-0.50000	0.0	0.0	0.0
	-5.00000	-8.00000	0.00000	-2.2374	-0.50000	0.0	0.0	0.0
	-4.00000	-8.00000	0.00000	-2.4530	-0.50000	0.0	0.0	0.0
	-3.00000	-8.00000	0.00000	-2.6800	-0.50000	0.0	0.0	0.0
	-2.00000	-8.00000	0.00000	-2.9172	-0.50000	0.0	0.0	0.0
	-1.00000	-8.00000	0.00000	-3.1634	-0.50000	0.0	0.0	0.0
	0.00000	-8.00000	0.00000	-3.4165	-0.50000	0.0	0.0	0.0
	1.00000	-8.00000	0.00000	-3.6739	-0.50000	0.0	0.0	0.0
	2.00000	-8.00000	0.00000	-3.9324	-0.50000	0.0	0.0	0.0
	3.00000	-8.00000	0.00000	-4.1887	-0.50000	0.0	0.0	0.0
	4.00000	-8.00000	0.00000	-4.4394	-0.50000	0.0	0.0	0.0
	5.00000	-8.00000	0.00000	-4.6813	-0.50000	0.0	0.0	0.0
	6.00000	-8.00000	0.00000	-4.9118	-0.50000	0.0	0.0	0.0
	7.00000	-8.00000	0.00000	-5.1288	-0.50000	0.0	0.0	0.0
	8.00000	-8.00000	0.00000	-5.3308	-0.50000	0.0	0.0	0.0
	9.00000	-8.00000	0.00000	-5.5168	-0.50000	0.0	0.0	0.0
	10.00000	-8.00000	0.00000	-5.6862	-0.50000	0.0	0.0	0.0
	11.00000	-8.00000	0.00000	-5.8387	-0.50000	0.0	0.0	0.0
	12.00000	-8.00000	0.00000	-5.9744	-0.50000	0.0	0.0	0.0
	13.00000	-8.00000	0.00000	-6.0932	-0.50000	0.0	0.0	0.0
	14.00000	-8.00000	0.00000	-6.1955	-0.50000	0.0	0.0	0.0
	15.00000	-8.00000	0.00000	-6.2813	-0.50000	0.0	0.0	0.0
	16.00000	-8.00000	0.00000	-6.3510	-0.50000	0.0	0.0	0.0
	17.00000	-8.00000	0.00000	-6.4047	-0.50000	0.0	0.0	0.0
	18.00000	-8.00000	0.00000	-6.4427	-0.50000	0.0	0.0	0.0
	19.00000	-8.00000	0.00000	-6.4650	-0.50000	0.0	0.0	0.0
	20.00000	-8.00000	0.00000	-6.4717	-0.50000	0.0	0.0	0.0
	21.00000	-8.00000	0.00000	-6.4629	-0.50000	0.0	0.0	0.0
	22.00000	-8.00000	0.00000	-6.4385	-0.50000	0.0	0.0	0.0
	23.00000	-8.00000	0.00000	-6.3984	-0.50000	0.0	0.0	0.0
	24.00000	-8.00000	0.00000	-6.3426	-0.50000	0.0	0.0	0.0
	25.00000	-8.00000	0.00000	-6.2709	-0.50000	0.0	0.0	0.0
	26.00000	-8.00000	0.00000	-6.1830	-0.50000	0.0	0.0	0.0
	27.00000	-8.00000	0.00000	-6.0787	-0.50000	0.0	0.0	0.0
	28.00000	-8.00000	0.00000	-5.9579	-0.50000	0.0	0.0	0.0
	29.00000	-8.00000	0.00000	-5.8203	-0.50000	0.0	0.0	0.0
	30.00000	-8.00000	0.00000	-5.6659	-0.50000	0.0	0.0	0.0
	31.00000	-8.00000	0.00000	-5.4947	-0.50000	0.0	0.0	0.0
	32.00000	-8.00000	0.00000	-5.3070	-0.50000	0.0	0.0	0.0
	33.00000	-8.00000	0.00000	-5.1034	-0.50000	0.0	0.0	0.0
	34.00000	-8.00000	0.00000	-4.8849	-0.50000	0.0	0.0	0.0
	35.00000	-8.00000	0.00000	-4.6530	-0.50000	0.0	0.0	0.0
	36.00000	-8.00000	0.00000	-4.4099	-0.50000	0.0	0.0	0.0
	37.00000	-8.00000	0.00000	-4.1581	-0.50000	0.0	0.0	0.0
	38.00000	-8.00000	0.00000	-3.9009	-0.50000	0.0	0.0	0.0
	39.00000	-8.00000	0.00000	-3.6416	-0.50000	0.0	0.0	0.0
	40.00000	-8.00000	0.00000	-3.3837	-0.50000	0.0	0.0	0.0
	41.00000	-8.00000	0.00000	-3.1302	-0.50000	0.0	0.0	0.0
	42.00000	-8.00000	0.00000	-2.8838	-0.50000	0.0	0.0	0.0
	43.00000	-8.00000	0.00000	-2.6465	-0.50000	0.0	0.0	0.0
	44.00000	-8.00000	0.00000	-2.4197	-0.50000	0.0	0.0	0.0
	45.00000	-8.00000	0.00000	-2.2043	-0.50000	0.0	0.0	0.0
	46.00000	-8.00000	0.00000	-2.0008	-0.50000	0.0	0.0	0.0
	47.00000	-8.00000	0.00000	-1.8092	-0.50000	0.0	0.0	0.0
	48.00000	-8.00000	0.00000	-1.6294	-0.50000	0.0	0.0	0.0
	49.00000	-8.00000	0.00000	-1.4611	-0.50000	0.0	0.0	0.0
	50.00000	-8.00000	0.00000	-1.3040	-0.50000	0.0	0.0	0.0
	51.00000	-8.00000	0.00000	-1.1574	-0.50000	0.0	0.0	0.0
	52.00000	-8.00000	0.00000	-1.0209	-0.50000	0.0	0.0	0.0
	53.00000	-8.00000	0.00000	-0.89388	-0.50000	0.0	0.0	0.0
	54.00000	-8.00000	0.00000	-0.77589	-0.50000	0.0	0.0	0.0
	55.00000	-8.00000	0.00000	-0.66635	-0.50000	0.0	0.0	0.0
	56.00000	-8.00000	0.00000	-0.56475	-0.50000	0.0	0.0	0.0
	57.00000	-8.00000	0.00000	-0.47060	-0.50000	0.0	0.0	0.0
	58.00000	-8.00000	0.00000	-0.38342	-0.50000	0.0	0.0	0.0
	59.00000	-8.00000	0.00000	-0.30276	-0.50000	0.0	0.0	0.0
	60.00000	-8.00000	0.00000	-0.22821	-0.50000	0.0	0.0	0.0
	-20.00000	-7.00000	0.00000	-0.29218	-0.50000	0.0	0.0	0.0
	-19.00000	-7.00000	0.00000	-0.37280	-0.50000	0.0	0.0	0.0
	-18.00000	-7.00000	0.00000	-0.46009	-0.50000	0.0	0.0	0.0
	-17.00000	-7.00000	0.00000	-0.55454	-0.50000	0.0	0.0	0.0
	-16.00000	-7.00000	0.00000	-0.65667	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-15.00000	-7.00000	0.00000	-0.76703	-0.50000	0.0	0.0	0.0
	-14.00000	-7.00000	0.00000	-0.88621	-0.50000	0.0	0.0	0.0
	-13.00000	-7.00000	0.00000	-1.0148	-0.50000	0.0	0.0	0.0
	-12.00000	-7.00000	0.00000	-1.1536	-0.50000	0.0	0.0	0.0
	-11.00000	-7.00000	0.00000	-1.3031	-0.50000	0.0	0.0	0.0
	-10.00000	-7.00000	0.00000	-1.4641	-0.50000	0.0	0.0	0.0
	-9.00000	-7.00000	0.00000	-1.6373	-0.50000	0.0	0.0	0.0
	-8.00000	-7.00000	0.00000	-1.8234	-0.50000	0.0	0.0	0.0
	-7.00000	-7.00000	0.00000	-2.0231	-0.50000	0.0	0.0	0.0
	-6.00000	-7.00000	0.00000	-2.2370	-0.50000	0.0	0.0	0.0
	-5.00000	-7.00000	0.00000	-2.4655	-0.50000	0.0	0.0	0.0
	-4.00000	-7.00000	0.00000	-2.7087	-0.50000	0.0	0.0	0.0
	-3.00000	-7.00000	0.00000	-2.9665	-0.50000	0.0	0.0	0.0
	-2.00000	-7.00000	0.00000	-3.2379	-0.50000	0.0	0.0	0.0
	-1.00000	-7.00000	0.00000	-3.5216	-0.50000	0.0	0.0	0.0
	0.00000	-7.00000	0.00000	-3.8151	-0.50000	0.0	0.0	0.0
	1.00000	-7.00000	0.00000	-4.1150	-0.50000	0.0	0.0	0.0
	2.00000	-7.00000	0.00000	-4.4173	-0.50000	0.0	0.0	0.0
	3.00000	-7.00000	0.00000	-4.7171	-0.50000	0.0	0.0	0.0
	4.00000	-7.00000	0.00000	-5.0100	-0.50000	0.0	0.0	0.0
	5.00000	-7.00000	0.00000	-5.2916	-0.50000	0.0	0.0	0.0
	6.00000	-7.00000	0.00000	-5.5585	-0.50000	0.0	0.0	0.0
	7.00000	-7.00000	0.00000	-5.8084	-0.50000	0.0	0.0	0.0
	8.00000	-7.00000	0.00000	-6.0397	-0.50000	0.0	0.0	0.0
	9.00000	-7.00000	0.00000	-6.2513	-0.50000	0.0	0.0	0.0
	10.00000	-7.00000	0.00000	-6.4430	-0.50000	0.0	0.0	0.0
	11.00000	-7.00000	0.00000	-6.6147	-0.50000	0.0	0.0	0.0
	12.00000	-7.00000	0.00000	-6.7668	-0.50000	0.0	0.0	0.0
	13.00000	-7.00000	0.00000	-6.8995	-0.50000	0.0	0.0	0.0
	14.00000	-7.00000	0.00000	-7.0133	-0.50000	0.0	0.0	0.0
	15.00000	-7.00000	0.00000	-7.1085	-0.50000	0.0	0.0	0.0
	16.00000	-7.00000	0.00000	-7.1857	-0.50000	0.0	0.0	0.0
	17.00000	-7.00000	0.00000	-7.2451	-0.50000	0.0	0.0	0.0
	18.00000	-7.00000	0.00000	-7.2869	-0.50000	0.0	0.0	0.0
	19.00000	-7.00000	0.00000	-7.3115	-0.50000	0.0	0.0	0.0
	20.00000	-7.00000	0.00000	-7.3189	-0.50000	0.0	0.0	0.0
	21.00000	-7.00000	0.00000	-7.3092	-0.50000	0.0	0.0	0.0
	22.00000	-7.00000	0.00000	-7.2823	-0.50000	0.0	0.0	0.0
	23.00000	-7.00000	0.00000	-7.2381	-0.50000	0.0	0.0	0.0
	24.00000	-7.00000	0.00000	-7.1765	-0.50000	0.0	0.0	0.0
	25.00000	-7.00000	0.00000	-7.0970	-0.50000	0.0	0.0	0.0
	26.00000	-7.00000	0.00000	-6.9995	-0.50000	0.0	0.0	0.0
	27.00000	-7.00000	0.00000	-6.8835	-0.50000	0.0	0.0	0.0
	28.00000	-7.00000	0.00000	-6.7485	-0.50000	0.0	0.0	0.0
	29.00000	-7.00000	0.00000	-6.5943	-0.50000	0.0	0.0	0.0
	30.00000	-7.00000	0.00000	-6.4205	-0.50000	0.0	0.0	0.0
	31.00000	-7.00000	0.00000	-6.2267	-0.50000	0.0	0.0	0.0
	32.00000	-7.00000	0.00000	-6.0132	-0.50000	0.0	0.0	0.0
	33.00000	-7.00000	0.00000	-5.7801	-0.50000	0.0	0.0	0.0
	34.00000	-7.00000	0.00000	-5.5286	-0.50000	0.0	0.0	0.0
	35.00000	-7.00000	0.00000	-5.2600	-0.50000	0.0	0.0	0.0
	36.00000	-7.00000	0.00000	-4.9770	-0.50000	0.0	0.0	0.0
	37.00000	-7.00000	0.00000	-4.6830	-0.50000	0.0	0.0	0.0
	38.00000	-7.00000	0.00000	-4.3821	-0.50000	0.0	0.0	0.0
	39.00000	-7.00000	0.00000	-4.0790	-0.50000	0.0	0.0	0.0
	40.00000	-7.00000	0.00000	-3.7785	-0.50000	0.0	0.0	0.0
	41.00000	-7.00000	0.00000	-3.4846	-0.50000	0.0	0.0	0.0
	42.00000	-7.00000	0.00000	-3.2007	-0.50000	0.0	0.0	0.0
	43.00000	-7.00000	0.00000	-2.9292	-0.50000	0.0	0.0	0.0
	44.00000	-7.00000	0.00000	-2.6717	-0.50000	0.0	0.0	0.0
	45.00000	-7.00000	0.00000	-2.4288	-0.50000	0.0	0.0	0.0
	46.00000	-7.00000	0.00000	-2.2009	-0.50000	0.0	0.0	0.0
	47.00000	-7.00000	0.00000	-1.9877	-0.50000	0.0	0.0	0.0
	48.00000	-7.00000	0.00000	-1.7887	-0.50000	0.0	0.0	0.0
	49.00000	-7.00000	0.00000	-1.6035	-0.50000	0.0	0.0	0.0
	50.00000	-7.00000	0.00000	-1.4313	-0.50000	0.0	0.0	0.0
	51.00000	-7.00000	0.00000	-1.2714	-0.50000	0.0	0.0	0.0
	52.00000	-7.00000	0.00000	-1.1231	-0.50000	0.0	0.0	0.0
	53.00000	-7.00000	0.00000	-0.98557	-0.50000	0.0	0.0	0.0
	54.00000	-7.00000	0.00000	-0.85819	-0.50000	0.0	0.0	0.0
	55.00000	-7.00000	0.00000	-0.74027	-0.50000	0.0	0.0	0.0
	56.00000	-7.00000	0.00000	-0.63118	-0.50000	0.0	0.0	0.0
	57.00000	-7.00000	0.00000	-0.53031	-0.50000	0.0	0.0	0.0
	58.00000	-7.00000	0.00000	-0.43711	-0.50000	0.0	0.0	0.0
	59.00000	-7.00000	0.00000	-0.35105	-0.50000	0.0	0.0	0.0
	60.00000	-7.00000	0.00000	-0.27164	-0.50000	0.0	0.0	0.0
	-20.00000	-6.00000	0.00000	-0.33777	-0.50000	0.0	0.0	0.0
	-19.00000	-6.00000	0.00000	-0.42351	-0.50000	0.0	0.0	0.0
	-18.00000	-6.00000	0.00000	-0.51651	-0.50000	0.0	0.0	0.0
	-17.00000	-6.00000	0.00000	-0.61733	-0.50000	0.0	0.0	0.0
	-16.00000	-6.00000	0.00000	-0.72657	-0.50000	0.0	0.0	0.0
	-15.00000	-6.00000	0.00000	-0.84489	-0.50000	0.0	0.0	0.0
	-14.00000	-6.00000	0.00000	-0.97299	-0.50000	0.0	0.0	0.0
	-13.00000	-6.00000	0.00000	-1.1116	-0.50000	0.0	0.0	0.0
	-12.00000	-6.00000	0.00000	-1.2616	-0.50000	0.0	0.0	0.0
	-11.00000	-6.00000	0.00000	-1.4239	-0.50000	0.0	0.0	0.0
	-10.00000	-6.00000	0.00000	-1.5993	-0.50000	0.0	0.0	0.0
	-9.00000	-6.00000	0.00000	-1.7888	-0.50000	0.0	0.0	0.0
	-8.00000	-6.00000	0.00000	-1.9935	-0.50000	0.0	0.0	0.0
	-7.00000	-6.00000	0.00000	-2.2144	-0.50000	0.0	0.0	0.0
	-6.00000	-6.00000	0.00000	-2.4524	-0.50000	0.0	0.0	0.0
	-5.00000	-6.00000	0.00000	-2.7084	-0.50000	0.0	0.0	0.0
	-4.00000	-6.00000	0.00000	-2.9831	-0.50000	0.0	0.0	0.0
	-3.00000	-6.00000	0.00000	-3.2767	-0.50000	0.0	0.0	0.0
	-2.00000	-6.00000	0.00000	-3.5887	-0.50000	0.0	0.0	0.0
	-1.00000	-6.00000	0.00000	-3.9176	-0.50000	0.0	0.0	0.0
	0.00000	-6.00000	0.00000	-4.2608	-0.50000	0.0	0.0	0.0
	1.00000	-6.00000	0.00000	-4.6140	-0.50000	0.0	0.0	0.0
	2.00000	-6.00000	0.00000	-4.9713	-0.50000	0.0	0.0	0.0
	3.00000	-6.00000	0.00000	-5.3260	-0.50000	0.0	0.0	0.0
	4.00000	-6.00000	0.00000	-5.6716	-0.50000	0.0	0.0	0.0
	5.00000	-6.00000	0.00000	-6.0022	-0.50000	0.0	0.0	0.0
	6.00000	-6.00000	0.00000	-6.3134	-0.50000	0.0	0.0	0.0
	7.00000	-6.00000	0.00000	-6.6025	-0.50000	0.0	0.0	0.0
	8.00000	-6.00000	0.00000	-6.8679	-0.50000	0.0	0.0	0.0
	9.00000	-6.00000	0.00000	-7.1090	-0.50000	0.0	0.0	0.0
	10.00000	-6.00000	0.00000	-7.3260	-0.50000	0.0	0.0	0.0
	11.00000	-6.00000	0.00000	-7.5192	-0.50000	0.0	0.0	0.0
	12.00000	-6.00000	0.00000	-7.6894	-0.50000	0.0	0.0	0.0
	13.00000	-6.00000	0.00000	-7.8373	-0.50000	0.0	0.0	0.0
	14.00000	-6.00000	0.00000	-7.9637	-0.50000	0.0	0.0	0.0
	15.00000	-6.00000	0.00000	-8.0691	-0.50000	0.0	0.0	0.0
	16.00000	-6.00000	0.00000	-8.1543	-0.50000	0.0	0.0	0.0
	17.00000	-6.00000	0.00000	-8.2197	-0.50000	0.0	0.0	0.0
	18.00000	-6.00000	0.00000	-8.2658	-0.50000	0.0	0.0	0.0
	19.00000	-6.00000	0.00000	-8.2928	-0.50000	0.0	0.0	0.0
	20.00000	-6.00000	0.00000	-8.3010	-0.50000	0.0	0.0	0.0
	21.00000	-6.00000	0.00000	-8.2903	-0.50000	0.0	0.0	0.0
	22.00000	-6.00000	0.00000	-8.2607	-0.50000	0.0	0.0	0.0
	23.00000	-6.00000	0.00000	-8.2121	-0.50000	0.0	0.0	0.0
	24.00000	-6.00000	0.00000	-8.1441	-0.50000	0.0	0.0	0.0
	25.00000	-6.00000	0.00000	-8.0564	-0.50000	0.0	0.0	0.0
	26.00000	-6.00000	0.00000	-7.9484	-0.50000	0.0	0.0	0.0
	27.00000	-6.00000	0.00000	-7.8196	-0.50000	0.0	0.0	0.0
	28.00000	-6.00000	0.00000	-7.6692	-0.50000	0.0	0.0	0.0
	29.00000	-6.00000	0.00000	-7.4966	-0.50000	0.0	0.0	0.0
	30.00000	-6.00000	0.00000	-7.3010	-0.50000	0.0	0.0	0.0
	31.00000	-6.00000	0.00000	-7.0818	-0.50000	0.0	0.0	0.0
	32.00000	-6.00000	0.00000	-6.8384	-0.50000	0.0	0.0	0.0
	33.00000	-6.00000	0.00000	-6.5710	-0.50000	0.0	0.0	0.0
	34.00000	-6.00000	0.00000	-6.2800	-0.50000	0.0	0.0	0.0
	35.00000	-6.00000	0.00000	-5.9670	-0.50000	0.0	0.0	0.0
	36.00000	-6.00000	0.00000	-5.6349	-0.50000	0.0	0.0	0.0
	37.00000	-6.00000	0.00000	-5.2879	-0.50000	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	45.00000	-6.00000	0.00000	-2.6677	-0.50000	0.0	0.0	0.0
	46.00000	-6.00000	0.00000	-2.4123	-0.50000	0.0	0.0	0.0
	47.00000	-6.00000	0.00000	-2.1751	-0.50000	0.0	0.0	0.0
	48.00000	-6.00000	0.00000	-1.9552	-0.50000	0.0	0.0	0.0
	49.00000	-6.00000	0.00000	-1.7516	-0.50000	0.0	0.0	0.0
	50.00000	-6.00000	0.00000	-1.5633	-0.50000	0.0	0.0	0.0
	51.00000	-6.00000	0.00000	-1.3891	-0.50000	0.0	0.0	0.0
	52.00000	-6.00000	0.00000	-1.2283	-0.50000	0.0	0.0	0.0
	53.00000	-6.00000	0.00000	-1.0797	-0.50000	0.0	0.0	0.0
	54.00000	-6.00000	0.00000	-0.94243	-0.50000	0.0	0.0	0.0
	55.00000	-6.00000	0.00000	-0.81577	-0.50000	0.0	0.0	0.0
	56.00000	-6.00000	0.00000	-0.69889	-0.50000	0.0	0.0	0.0
	57.00000	-6.00000	0.00000	-0.59108	-0.50000	0.0	0.0	0.0
	58.00000	-6.00000	0.00000	-0.49167	-0.50000	0.0	0.0	0.0
	59.00000	-6.00000	0.00000	-0.40005	-0.50000	0.0	0.0	0.0
	60.00000	-6.00000	0.00000	-0.31565	-0.50000	0.0	0.0	0.0
	-20.00000	-5.00000	0.00000	-0.38383	-0.50000	0.0	0.0	0.0
	-19.00000	-5.00000	0.00000	-0.47482	-0.50000	0.0	0.0	0.0
	-18.00000	-5.00000	0.00000	-0.57368	-0.50000	0.0	0.0	0.0
	-17.00000	-5.00000	0.00000	-0.68105	-0.50000	0.0	0.0	0.0
	-16.00000	-5.00000	0.00000	-0.79763	-0.50000	0.0	0.0	0.0
	-15.00000	-5.00000	0.00000	-0.92420	-0.50000	0.0	0.0	0.0
	-14.00000	-5.00000	0.00000	-1.0616	-0.50000	0.0	0.0	0.0
	-13.00000	-5.00000	0.00000	-1.2107	-0.50000	0.0	0.0	0.0
	-12.00000	-5.00000	0.00000	-1.3725	-0.50000	0.0	0.0	0.0
	-11.00000	-5.00000	0.00000	-1.5482	-0.50000	0.0	0.0	0.0
	-10.00000	-5.00000	0.00000	-1.7388	-0.50000	0.0	0.0	0.0
	-9.00000	-5.00000	0.00000	-1.9458	-0.50000	0.0	0.0	0.0
	-8.00000	-5.00000	0.00000	-2.1705	-0.50000	0.0	0.0	0.0
	-7.00000	-5.00000	0.00000	-2.4144	-0.50000	0.0	0.0	0.0
	-6.00000	-5.00000	0.00000	-2.6790	-0.50000	0.0	0.0	0.0
	-5.00000	-5.00000	0.00000	-2.9659	-0.50000	0.0	0.0	0.0
	-4.00000	-5.00000	0.00000	-3.2764	-0.50000	0.0	0.0	0.0
	-3.00000	-5.00000	0.00000	-3.6116	-0.50000	0.0	0.0	0.0
	-2.00000	-5.00000	0.00000	-3.9719	-0.50000	0.0	0.0	0.0
	-1.00000	-5.00000	0.00000	-4.3562	-0.50000	0.0	0.0	0.0
	0.00000	-5.00000	0.00000	-4.7617	-0.50000	0.0	0.0	0.0
	1.00000	-5.00000	0.00000	-5.1830	-0.50000	0.0	0.0	0.0
	2.00000	-5.00000	0.00000	-5.6117	-0.50000	0.0	0.0	0.0
	3.00000	-5.00000	0.00000	-6.0377	-0.50000	0.0	0.0	0.0
	4.00000	-5.00000	0.00000	-6.4509	-0.50000	0.0	0.0	0.0
	5.00000	-5.00000	0.00000	-6.8430	-0.50000	0.0	0.0	0.0
	6.00000	-5.00000	0.00000	-7.2085	-0.50000	0.0	0.0	0.0
	7.00000	-5.00000	0.00000	-7.5444	-0.50000	0.0	0.0	0.0
	8.00000	-5.00000	0.00000	-7.8497	-0.50000	0.0	0.0	0.0
	9.00000	-5.00000	0.00000	-8.1246	-0.50000	0.0	0.0	0.0
	10.00000	-5.00000	0.00000	-8.3700	-0.50000	0.0	0.0	0.0
	11.00000	-5.00000	0.00000	-8.5871	-0.50000	0.0	0.0	0.0
	12.00000	-5.00000	0.00000	-8.7772	-0.50000	0.0	0.0	0.0
	13.00000	-5.00000	0.00000	-8.9417	-0.50000	0.0	0.0	0.0
	14.00000	-5.00000	0.00000	-9.0815	-0.50000	0.0	0.0	0.0
	15.00000	-5.00000	0.00000	-9.1979	-0.50000	0.0	0.0	0.0
	16.00000	-5.00000	0.00000	-9.2917	-0.50000	0.0	0.0	0.0
	17.00000	-5.00000	0.00000	-9.3636	-0.50000	0.0	0.0	0.0
	18.00000	-5.00000	0.00000	-9.4141	-0.50000	0.0	0.0	0.0
	19.00000	-5.00000	0.00000	-9.4437	-0.50000	0.0	0.0	0.0
	20.00000	-5.00000	0.00000	-9.4526	-0.50000	0.0	0.0	0.0
	21.00000	-5.00000	0.00000	-9.4409	-0.50000	0.0	0.0	0.0
	22.00000	-5.00000	0.00000	-9.4085	-0.50000	0.0	0.0	0.0
	23.00000	-5.00000	0.00000	-9.3552	-0.50000	0.0	0.0	0.0
	24.00000	-5.00000	0.00000	-9.2805	-0.50000	0.0	0.0	0.0
	25.00000	-5.00000	0.00000	-9.1839	-0.50000	0.0	0.0	0.0
	26.00000	-5.00000	0.00000	-9.0647	-0.50000	0.0	0.0	0.0
	27.00000	-5.00000	0.00000	-8.9221	-0.50000	0.0	0.0	0.0
	28.00000	-5.00000	0.00000	-8.7549	-0.50000	0.0	0.0	0.0
	29.00000	-5.00000	0.00000	-8.5620	-0.50000	0.0	0.0	0.0
	30.00000	-5.00000	0.00000	-8.3423	-0.50000	0.0	0.0	0.0
	31.00000	-5.00000	0.00000	-8.0943	-0.50000	0.0	0.0	0.0
	32.00000	-5.00000	0.00000	-7.8169	-0.50000	0.0	0.0	0.0
	33.00000	-5.00000	0.00000	-7.5093	-0.50000	0.0	0.0	0.0
	34.00000	-5.00000	0.00000	-7.1712	-0.50000	0.0	0.0	0.0
	35.00000	-5.00000	0.00000	-6.8037	-0.50000	0.0	0.0	0.0
	36.00000	-5.00000	0.00000	-6.4098	-0.50000	0.0	0.0	0.0
	37.00000	-5.00000	0.00000	-5.9950	-0.50000	0.0	0.0	0.0
	38.00000	-5.00000	0.00000	-5.5677	-0.50000	0.0	0.0	0.0
	39.00000	-5.00000	0.00000	-5.1380	-0.50000	0.0	0.0	0.0
	40.00000	-5.00000	0.00000	-4.7161	-0.50000	0.0	0.0	0.0
	41.00000	-5.00000	0.00000	-4.3101	-0.50000	0.0	0.0	0.0
	42.00000	-5.00000	0.00000	-3.9256	-0.50000	0.0	0.0	0.0
	43.00000	-5.00000	0.00000	-3.5654	-0.50000	0.0	0.0	0.0
	44.00000	-5.00000	0.00000	-3.2305	-0.50000	0.0	0.0	0.0
	45.00000	-5.00000	0.00000	-2.9206	-0.50000	0.0	0.0	0.0
	46.00000	-5.00000	0.00000	-2.6345	-0.50000	0.0	0.0	0.0
	47.00000	-5.00000	0.00000	-2.3709	-0.50000	0.0	0.0	0.0
	48.00000	-5.00000	0.00000	-2.1281	-0.50000	0.0	0.0	0.0
	49.00000	-5.00000	0.00000	-1.9048	-0.50000	0.0	0.0	0.0
	50.00000	-5.00000	0.00000	-1.6992	-0.50000	0.0	0.0	0.0
	51.00000	-5.00000	0.00000	-1.5100	-0.50000	0.0	0.0	0.0
	52.00000	-5.00000	0.00000	-1.3359	-0.50000	0.0	0.0	0.0
	53.00000	-5.00000	0.00000	-1.1757	-0.50000	0.0	0.0	0.0
	54.00000	-5.00000	0.00000	-1.0282	-0.50000	0.0	0.0	0.0
	55.00000	-5.00000	0.00000	-0.89251	-0.50000	0.0	0.0	0.0
	56.00000	-5.00000	0.00000	-0.76758	-0.50000	0.0	0.0	0.0
	57.00000	-5.00000	0.00000	-0.65262	-0.50000	0.0	0.0	0.0
	58.00000	-5.00000	0.00000	-0.54683	-0.50000	0.0	0.0	0.0
	59.00000	-5.00000	0.00000	-0.44952	-0.50000	0.0	0.0	0.0
	60.00000	-5.00000	0.00000	-0.36003	-0.50000	0.0	0.0	0.0
	-20.00000	-4.00000	0.00000	-0.43017	-0.50000	0.0	0.0	0.0
	-19.00000	-4.00000	0.00000	-0.52650	-0.50000	0.0	0.0	0.0
	-18.00000	-4.00000	0.00000	-0.63133	-0.50000	0.0	0.0	0.0
	-17.00000	-4.00000	0.00000	-0.74541	-0.50000	0.0	0.0	0.0
	-16.00000	-4.00000	0.00000	-0.86953	-0.50000	0.0	0.0	0.0
	-15.00000	-4.00000	0.00000	-1.0046	-0.50000	0.0	0.0	0.0
	-14.00000	-4.00000	0.00000	-1.1515	-0.50000	0.0	0.0	0.0
	-13.00000	-4.00000	0.00000	-1.3115	-0.50000	0.0	0.0	0.0
	-12.00000	-4.00000	0.00000	-1.4856	-0.50000	0.0	0.0	0.0
	-11.00000	-4.00000	0.00000	-1.6753	-0.50000	0.0	0.0	0.0
	-10.00000	-4.00000	0.00000	-1.8820	-0.50000	0.0	0.0	0.0
	-9.00000	-4.00000	0.00000	-2.1075	-0.50000	0.0	0.0	0.0
	-8.00000	-4.00000	0.00000	-2.3536	-0.50000	0.0	0.0	0.0
	-7.00000	-4.00000	0.00000	-2.6223	-0.50000	0.0	0.0	0.0
	-6.00000	-4.00000	0.00000	-2.9160	-0.50000	0.0	0.0	0.0
	-5.00000	-4.00000	0.00000	-3.2372	-0.50000	0.0	0.0	0.0
	-4.00000	-4.00000	0.00000	-3.5883	-0.50000	0.0	0.0	0.0
	-3.00000	-4.00000	0.00000	-3.9717	-0.50000	0.0	0.0	0.0
	-2.00000	-4.00000	0.00000	-4.3895	-0.50000	0.0	0.0	0.0
	-1.00000	-4.00000	0.00000	-4.8421	-0.50000	0.0	0.0	0.0
	0.00000	-4.00000	0.00000	-5.3274	-0.50000	0.0	0.0	0.0
	1.00000	-4.00000	0.00000	-5.8386	-0.50000	0.0	0.0	0.0
	2.00000	-4.00000	0.00000	-6.3636	-0.50000	0.0	0.0	0.0
	3.00000	-4.00000	0.00000	-6.8857	-0.50000	0.0	0.0	0.0
	4.00000	-4.00000	0.00000	-7.3885	-0.50000	0.0	0.0	0.0
	5.00000	-4.00000	0.00000	-7.8594	-0.50000	0.0	0.0	0.0
	6.00000	-4.00000	0.00000	-8.2920	-0.50000	0.0	0.0	0.0
	7.00000	-4.00000	0.00000	-8.6840	-0.50000	0.0	0.0	0.0
	8.00000	-4.00000	0.00000	-9.0357	-0.50000	0.0	0.0	0.0
	9.00000	-4.00000	0.00000	-9.3490	-0.50000	0.0	0.0	0.0
	10.00000	-4.00000	0.00000	-9.6262	-0.50000	0.0	0.0	0.0
	11.00000	-4.00000	0.00000	-9.8695	-0.50000	0.0	0.0	0.0
	12.00000	-4.00000	0.00000	-10.081	-0.50000	0.0	0.0	0.0
	13.00000	-4.00000	0.00000	-10.263	-0.50000	0.0	0.0	0.0
	14.00000	-4.00000	0.00000	-10.418	-0.50000	0.0	0.0	0.0
	15.00000	-4.00000	0.00000	-10.546	-0.50000	0.0	0.0	0.0
	16.00000	-4.00000	0.00000	-10.649	-0.50000	0.0	0.0	0.0
	17.00000	-4.00000	0.00000	-10.727	-0.50000	0.0	0.0	0.0
	18.00000	-4.00000	0.00000	-10.783	-0.50000	0.0	0.0	0.0
	19.00000	-4.00000	0.00000	-10.815	-0.50000	0.0	0.0	0.0
	20.00000	-4.00000	0.00000	-10.825	-0.50000	0.0	0.0	0.0
	21.00000	-4.00000	0.00000	-10.812	-0.50000	0.0	0.0	0.0
	22.00000	-4.00000	0.00000	-10.776	-0.50000	0.0	0.0	0.0
	23.00000	-4.00000	0.00000	-10.718	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	24.00000	-4.00000	0.00000	-10.636	-0.50000	0.0	0.0	0.0
	25.00000	-4.00000	0.00000	-10.530	-0.50000	0.0	0.0	0.0
	26.00000	-4.00000	0.00000	-10.399	-0.50000	0.0	0.0	0.0
	27.00000	-4.00000	0.00000	-10.242	-0.50000	0.0	0.0	0.0
	28.00000	-4.00000	0.00000	-10.057	-0.50000	0.0	0.0	0.0
	29.00000	-4.00000	0.00000	-9.8417	-0.50000	0.0	0.0	0.0
	30.00000	-4.00000	0.00000	-9.5953	-0.50000	0.0	0.0	0.0
	31.00000	-4.00000	0.00000	-9.3153	-0.50000	0.0	0.0	0.0
	32.00000	-4.00000	0.00000	-8.9991	-0.50000	0.0	0.0	0.0
	33.00000	-4.00000	0.00000	-8.6447	-0.50000	0.0	0.0	0.0
	34.00000	-4.00000	0.00000	-8.2503	-0.50000	0.0	0.0	0.0
	35.00000	-4.00000	0.00000	-7.8154	-0.50000	0.0	0.0	0.0
	36.00000	-4.00000	0.00000	-7.3424	-0.50000	0.0	0.0	0.0
	37.00000	-4.00000	0.00000	-6.8380	-0.50000	0.0	0.0	0.0
	38.00000	-4.00000	0.00000	-6.3144	-0.50000	0.0	0.0	0.0
	39.00000	-4.00000	0.00000	-5.7882	-0.50000	0.0	0.0	0.0
	40.00000	-4.00000	0.00000	-5.2762	-0.50000	0.0	0.0	0.0
	41.00000	-4.00000	0.00000	-4.7905	-0.50000	0.0	0.0	0.0
	42.00000	-4.00000	0.00000	-4.3377	-0.50000	0.0	0.0	0.0
	43.00000	-4.00000	0.00000	-3.9201	-0.50000	0.0	0.0	0.0
	44.00000	-4.00000	0.00000	-3.5371	-0.50000	0.0	0.0	0.0
	45.00000	-4.00000	0.00000	-3.1867	-0.50000	0.0	0.0	0.0
	46.00000	-4.00000	0.00000	-2.8666	-0.50000	0.0	0.0	0.0
	47.00000	-4.00000	0.00000	-2.5741	-0.50000	0.0	0.0	0.0
	48.00000	-4.00000	0.00000	-2.3067	-0.50000	0.0	0.0	0.0
	49.00000	-4.00000	0.00000	-2.0622	-0.50000	0.0	0.0	0.0
	50.00000	-4.00000	0.00000	-1.8384	-0.50000	0.0	0.0	0.0
	51.00000	-4.00000	0.00000	-1.6334	-0.50000	0.0	0.0	0.0
	52.00000	-4.00000	0.00000	-1.4455	-0.50000	0.0	0.0	0.0
	53.00000	-4.00000	0.00000	-1.2732	-0.50000	0.0	0.0	0.0
	54.00000	-4.00000	0.00000	-1.1152	-0.50000	0.0	0.0	0.0
	55.00000	-4.00000	0.00000	-0.97010	-0.50000	0.0	0.0	0.0
	56.00000	-4.00000	0.00000	-0.83692	-0.50000	0.0	0.0	0.0
	57.00000	-4.00000	0.00000	-0.71463	-0.50000	0.0	0.0	0.0
	58.00000	-4.00000	0.00000	-0.60234	-0.50000	0.0	0.0	0.0
	59.00000	-4.00000	0.00000	-0.49924	-0.50000	0.0	0.0	0.0
	60.00000	-4.00000	0.00000	-0.40459	-0.50000	0.0	0.0	0.0
	-20.00000	-3.00000	0.00000	-0.47655	-0.50000	0.0	0.0	0.0
	-19.00000	-3.00000	0.00000	-0.57829	-0.50000	0.0	0.0	0.0
	-18.00000	-3.00000	0.00000	-0.68919	-0.50000	0.0	0.0	0.0
	-17.00000	-3.00000	0.00000	-0.81008	-0.50000	0.0	0.0	0.0
	-16.00000	-3.00000	0.00000	-0.94188	-0.50000	0.0	0.0	0.0
	-15.00000	-3.00000	0.00000	-1.0856	-0.50000	0.0	0.0	0.0
	-14.00000	-3.00000	0.00000	-1.2424	-0.50000	0.0	0.0	0.0
	-13.00000	-3.00000	0.00000	-1.4135	-0.50000	0.0	0.0	0.0
	-12.00000	-3.00000	0.00000	-1.6003	-0.50000	0.0	0.0	0.0
	-11.00000	-3.00000	0.00000	-1.8046	-0.50000	0.0	0.0	0.0
	-10.00000	-3.00000	0.00000	-2.0281	-0.50000	0.0	0.0	0.0
	-9.00000	-3.00000	0.00000	-2.2730	-0.50000	0.0	0.0	0.0
	-8.00000	-3.00000	0.00000	-2.5417	-0.50000	0.0	0.0	0.0
	-7.00000	-3.00000	0.00000	-2.8370	-0.50000	0.0	0.0	0.0
	-6.00000	-3.00000	0.00000	-3.1621	-0.50000	0.0	0.0	0.0
	-5.00000	-3.00000	0.00000	-3.5208	-0.50000	0.0	0.0	0.0
	-4.00000	-3.00000	0.00000	-3.9172	-0.50000	0.0	0.0	0.0
	-3.00000	-3.00000	0.00000	-4.3561	-0.50000	0.0	0.0	0.0
	-2.00000	-3.00000	0.00000	-4.8422	-0.50000	0.0	0.0	0.0
	-1.00000	-3.00000	0.00000	-5.3794	-0.50000	0.0	0.0	0.0
	0.00000	-3.00000	0.00000	-5.9687	-0.50000	0.0	0.0	0.0
	1.00000	-3.00000	0.00000	-6.6039	-0.50000	0.0	0.0	0.0
	2.00000	-3.00000	0.00000	-7.2665	-0.50000	0.0	0.0	0.0
	3.00000	-3.00000	0.00000	-7.9261	-0.50000	0.0	0.0	0.0
	4.00000	-3.00000	0.00000	-8.5523	-0.50000	0.0	0.0	0.0
	5.00000	-3.00000	0.00000	-9.1264	-0.50000	0.0	0.0	0.0
	6.00000	-3.00000	0.00000	-9.6424	-0.50000	0.0	0.0	0.0
	7.00000	-3.00000	0.00000	-10.101	-0.50000	0.0	0.0	0.0
	8.00000	-3.00000	0.00000	-10.506	-0.50000	0.0	0.0	0.0
	9.00000	-3.00000	0.00000	-10.863	-0.50000	0.0	0.0	0.0
	10.00000	-3.00000	0.00000	-11.175	-0.50000	0.0	0.0	0.0
	11.00000	-3.00000	0.00000	-11.446	-0.50000	0.0	0.0	0.0
	12.00000	-3.00000	0.00000	-11.681	-0.50000	0.0	0.0	0.0
	13.00000	-3.00000	0.00000	-11.882	-0.50000	0.0	0.0	0.0
	14.00000	-3.00000	0.00000	-12.052	-0.50000	0.0	0.0	0.0
	15.00000	-3.00000	0.00000	-12.192	-0.50000	0.0	0.0	0.0
	16.00000	-3.00000	0.00000	-12.305	-0.50000	0.0	0.0	0.0
	17.00000	-3.00000	0.00000	-12.390	-0.50000	0.0	0.0	0.0
	18.00000	-3.00000	0.00000	-12.450	-0.50000	0.0	0.0	0.0
	19.00000	-3.00000	0.00000	-12.486	-0.50000	0.0	0.0	0.0
	20.00000	-3.00000	0.00000	-12.496	-0.50000	0.0	0.0	0.0
	21.00000	-3.00000	0.00000	-12.482	-0.50000	0.0	0.0	0.0
	22.00000	-3.00000	0.00000	-12.444	-0.50000	0.0	0.0	0.0
	23.00000	-3.00000	0.00000	-12.380	-0.50000	0.0	0.0	0.0
	24.00000	-3.00000	0.00000	-12.291	-0.50000	0.0	0.0	0.0
	25.00000	-3.00000	0.00000	-12.175	-0.50000	0.0	0.0	0.0
	26.00000	-3.00000	0.00000	-12.032	-0.50000	0.0	0.0	0.0
	27.00000	-3.00000	0.00000	-11.859	-0.50000	0.0	0.0	0.0
	28.00000	-3.00000	0.00000	-11.654	-0.50000	0.0	0.0	0.0
	29.00000	-3.00000	0.00000	-11.416	-0.50000	0.0	0.0	0.0
	30.00000	-3.00000	0.00000	-11.140	-0.50000	0.0	0.0	0.0
	31.00000	-3.00000	0.00000	-10.825	-0.50000	0.0	0.0	0.0
	32.00000	-3.00000	0.00000	-10.465	-0.50000	0.0	0.0	0.0
	33.00000	-3.00000	0.00000	-10.057	-0.50000	0.0	0.0	0.0
	34.00000	-3.00000	0.00000	-9.5956	-0.50000	0.0	0.0	0.0
	35.00000	-3.00000	0.00000	-9.0771	-0.50000	0.0	0.0	0.0
	36.00000	-3.00000	0.00000	-8.5006	-0.50000	0.0	0.0	0.0
	37.00000	-3.00000	0.00000	-7.8724	-0.50000	0.0	0.0	0.0
	38.00000	-3.00000	0.00000	-7.2112	-0.50000	0.0	0.0	0.0
	39.00000	-3.00000	0.00000	-6.5473	-0.50000	0.0	0.0	0.0
	40.00000	-3.00000	0.00000	-5.9112	-0.50000	0.0	0.0	0.0
	41.00000	-3.00000	0.00000	-5.3214	-0.50000	0.0	0.0	0.0
	42.00000	-3.00000	0.00000	-4.7841	-0.50000	0.0	0.0	0.0
	43.00000	-3.00000	0.00000	-4.2983	-0.50000	0.0	0.0	0.0
	44.00000	-3.00000	0.00000	-3.8600	-0.50000	0.0	0.0	0.0
	45.00000	-3.00000	0.00000	-3.4645	-0.50000	0.0	0.0	0.0
	46.00000	-3.00000	0.00000	-3.1070	-0.50000	0.0	0.0	0.0
	47.00000	-3.00000	0.00000	-2.7834	-0.50000	0.0	0.0	0.0
	48.00000	-3.00000	0.00000	-2.4897	-0.50000	0.0	0.0	0.0
	49.00000	-3.00000	0.00000	-2.2229	-0.50000	0.0	0.0	0.0
	50.00000	-3.00000	0.00000	-1.9800	-0.50000	0.0	0.0	0.0
	51.00000	-3.00000	0.00000	-1.7585	-0.50000	0.0	0.0	0.0
	52.00000	-3.00000	0.00000	-1.5564	-0.50000	0.0	0.0	0.0
	53.00000	-3.00000	0.00000	-1.3717	-0.50000	0.0	0.0	0.0
	54.00000	-3.00000	0.00000	-1.2027	-0.50000	0.0	0.0	0.0
	55.00000	-3.00000	0.00000	-1.0481	-0.50000	0.0	0.0	0.0
	56.00000	-3.00000	0.00000	-0.90652	-0.50000	0.0	0.0	0.0
	57.00000	-3.00000	0.00000	-0.77680	-0.50000	0.0	0.0	0.0
	58.00000	-3.00000	0.00000	-0.65791	-0.50000	0.0	0.0	0.0
	59.00000	-3.00000	0.00000	-0.54895	-0.50000	0.0	0.0	0.0
	60.00000	-3.00000	0.00000	-0.44908	-0.50000	0.0	0.0	0.0
	-20.00000	-2.00000	0.00000	-0.52274	-0.50000	0.0	0.0	0.0
	-19.00000	-2.00000	0.00000	-0.62992	-0.50000	0.0	0.0	0.0
	-18.00000	-2.00000	0.00000	-0.74695	-0.50000	0.0	0.0	0.0
	-17.00000	-2.00000	0.00000	-0.87473	-0.50000	0.0	0.0	0.0
	-16.00000	-2.00000	0.00000	-1.0143	-0.50000	0.0	0.0	0.0
	-15.00000	-2.00000	0.00000	-1.1668	-0.50000	0.0	0.0	0.0
	-14.00000	-2.00000	0.00000	-1.3336	-0.50000	0.0	0.0	0.0
	-13.00000	-2.00000	0.00000	-1.5161	-0.50000	0.0	0.0	0.0
	-12.00000	-2.00000	0.00000	-1.7160	-0.50000	0.0	0.0	0.0
	-11.00000	-2.00000	0.00000	-1.9352	-0.50000	0.0	0.0	0.0
	-10.00000	-2.00000	0.00000	-2.1761	-0.50000	0.0	0.0	0.0
	-9.00000	-2.00000	0.00000	-2.4411	-0.50000	0.0	0.0	0.0
	-8.00000	-2.00000	0.00000	-2.7334	-0.50000	0.0	0.0	0.0
	-7.00000	-2.00000	0.00000	-3.0566	-0.50000	0.0	0.0	0.0
	-6.00000	-2.00000	0.00000	-3.4152	-0.50000	0.0	0.0	0.0
	-5.00000	-2.00000	0.00000	-3.8144	-0.50000	0.0	0.0	0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	3.00000	-2.00000	0.00000	-9.2644	-0.50000	0.0	0.0	0.0
	4.00000	-2.00000	0.00000	-10.070	-0.50000	0.0	0.0	0.0
	5.00000	-2.00000	0.00000	-10.781	-0.50000	0.0	0.0	0.0
	6.00000	-2.00000	0.00000	-11.400	-0.50000	0.0	0.0	0.0
	7.00000	-2.00000	0.00000	-11.936	-0.50000	0.0	0.0	0.0
	8.00000	-2.00000	0.00000	-12.402	-0.50000	0.0	0.0	0.0
	9.00000	-2.00000	0.00000	-12.806	-0.50000	0.0	0.0	0.0
	10.00000	-2.00000	0.00000	-13.156	-0.50000	0.0	0.0	0.0
	11.00000	-2.00000	0.00000	-13.458	-0.50000	0.0	0.0	0.0
	12.00000	-2.00000	0.00000	-13.717	-0.50000	0.0	0.0	0.0
	13.00000	-2.00000	0.00000	-13.938	-0.50000	0.0	0.0	0.0
	14.00000	-2.00000	0.00000	-14.123	-0.50000	0.0	0.0	0.0
	15.00000	-2.00000	0.00000	-14.276	-0.50000	0.0	0.0	0.0
	16.00000	-2.00000	0.00000	-14.398	-0.50000	0.0	0.0	0.0
	17.00000	-2.00000	0.00000	-14.491	-0.50000	0.0	0.0	0.0
	18.00000	-2.00000	0.00000	-14.556	-0.50000	0.0	0.0	0.0
	19.00000	-2.00000	0.00000	-14.594	-0.50000	0.0	0.0	0.0
	20.00000	-2.00000	0.00000	-14.606	-0.50000	0.0	0.0	0.0
	21.00000	-2.00000	0.00000	-14.591	-0.50000	0.0	0.0	0.0
	22.00000	-2.00000	0.00000	-14.549	-0.50000	0.0	0.0	0.0
	23.00000	-2.00000	0.00000	-14.480	-0.50000	0.0	0.0	0.0
	24.00000	-2.00000	0.00000	-14.383	-0.50000	0.0	0.0	0.0
	25.00000	-2.00000	0.00000	-14.257	-0.50000	0.0	0.0	0.0
	26.00000	-2.00000	0.00000	-14.101	-0.50000	0.0	0.0	0.0
	27.00000	-2.00000	0.00000	-13.911	-0.50000	0.0	0.0	0.0
	28.00000	-2.00000	0.00000	-13.687	-0.50000	0.0	0.0	0.0
	29.00000	-2.00000	0.00000	-13.423	-0.50000	0.0	0.0	0.0
	30.00000	-2.00000	0.00000	-13.117	-0.50000	0.0	0.0	0.0
	31.00000	-2.00000	0.00000	-12.764	-0.50000	0.0	0.0	0.0
	32.00000	-2.00000	0.00000	-12.356	-0.50000	0.0	0.0	0.0
	33.00000	-2.00000	0.00000	-11.887	-0.50000	0.0	0.0	0.0
	34.00000	-2.00000	0.00000	-11.347	-0.50000	0.0	0.0	0.0
	35.00000	-2.00000	0.00000	-10.726	-0.50000	0.0	0.0	0.0
	36.00000	-2.00000	0.00000	-10.012	-0.50000	0.0	0.0	0.0
	37.00000	-2.00000	0.00000	-9.2039	-0.50000	0.0	0.0	0.0
	38.00000	-2.00000	0.00000	-8.3271	-0.50000	0.0	0.0	0.0
	39.00000	-2.00000	0.00000	-7.4476	-0.50000	0.0	0.0	0.0
	40.00000	-2.00000	0.00000	-6.6314	-0.50000	0.0	0.0	0.0
	41.00000	-2.00000	0.00000	-5.9037	-0.50000	0.0	0.0	0.0
	42.00000	-2.00000	0.00000	-5.2624	-0.50000	0.0	0.0	0.0
	43.00000	-2.00000	0.00000	-4.6970	-0.50000	0.0	0.0	0.0
	44.00000	-2.00000	0.00000	-4.1965	-0.50000	0.0	0.0	0.0
	45.00000	-2.00000	0.00000	-3.7514	-0.50000	0.0	0.0	0.0
	46.00000	-2.00000	0.00000	-3.3538	-0.50000	0.0	0.0	0.0
	47.00000	-2.00000	0.00000	-2.9970	-0.50000	0.0	0.0	0.0
	48.00000	-2.00000	0.00000	-2.6758	-0.50000	0.0	0.0	0.0
	49.00000	-2.00000	0.00000	-2.3857	-0.50000	0.0	0.0	0.0
	50.00000	-2.00000	0.00000	-2.1230	-0.50000	0.0	0.0	0.0
	51.00000	-2.00000	0.00000	-1.8846	-0.50000	0.0	0.0	0.0
	52.00000	-2.00000	0.00000	-1.6678	-0.50000	0.0	0.0	0.0
	53.00000	-2.00000	0.00000	-1.4704	-0.50000	0.0	0.0	0.0
	54.00000	-2.00000	0.00000	-1.2904	-0.50000	0.0	0.0	0.0
	55.00000	-2.00000	0.00000	-1.1261	-0.50000	0.0	0.0	0.0
	56.00000	-2.00000	0.00000	-0.97599	-0.50000	0.0	0.0	0.0
	57.00000	-2.00000	0.00000	-0.83876	-0.50000	0.0	0.0	0.0
	58.00000	-2.00000	0.00000	-0.71323	-0.50000	0.0	0.0	0.0
	59.00000	-2.00000	0.00000	-0.59838	-0.50000	0.0	0.0	0.0
	60.00000	-2.00000	0.00000	-0.49328	-0.50000	0.0	0.0	0.0
	-20.00000	-1.00000	0.00000	-0.56849	-0.50000	0.0	0.0	0.0
	-19.00000	-1.00000	0.00000	-0.68112	-0.50000	0.0	0.0	0.0
	-18.00000	-1.00000	0.00000	-0.80428	-0.50000	0.0	0.0	0.0
	-17.00000	-1.00000	0.00000	-0.93898	-0.50000	0.0	0.0	0.0
	-16.00000	-1.00000	0.00000	-1.0864	-0.50000	0.0	0.0	0.0
	-15.00000	-1.00000	0.00000	-1.2478	-0.50000	0.0	0.0	0.0
	-14.00000	-1.00000	0.00000	-1.4246	-0.50000	0.0	0.0	0.0
	-13.00000	-1.00000	0.00000	-1.6187	-0.50000	0.0	0.0	0.0
	-12.00000	-1.00000	0.00000	-1.8318	-0.50000	0.0	0.0	0.0
	-11.00000	-1.00000	0.00000	-2.0663	-0.50000	0.0	0.0	0.0
	-10.00000	-1.00000	0.00000	-2.3248	-0.50000	0.0	0.0	0.0
	-9.00000	-1.00000	0.00000	-2.6105	-0.50000	0.0	0.0	0.0
	-8.00000	-1.00000	0.00000	-2.9271	-0.50000	0.0	0.0	0.0
	-7.00000	-1.00000	0.00000	-3.2793	-0.50000	0.0	0.0	0.0
	-6.00000	-1.00000	0.00000	-3.6727	-0.50000	0.0	0.0	0.0
	-5.00000	-1.00000	0.00000	-4.1146	-0.50000	0.0	0.0	0.0
	-4.00000	-1.00000	0.00000	-4.6142	-0.50000	0.0	0.0	0.0
	-3.00000	-1.00000	0.00000	-5.1837	-0.50000	0.0	0.0	0.0
	-2.00000	-1.00000	0.00000	-5.8396	-0.50000	0.0	0.0	0.0
	-1.00000	-1.00000	0.00000	-6.6049	-0.50000	0.0	0.0	0.0
	0.00000	-1.00000	0.00000	-7.5121	-0.50000	0.0	0.0	0.0
	1.00000	-1.00000	0.00000	-8.6020	-0.50000	0.0	0.0	0.0
	2.00000	-1.00000	0.00000	-9.8765	-0.50000	0.0	0.0	0.0
	3.00000	-1.00000	0.00000	-11.148	-0.50000	0.0	0.0	0.0
	4.00000	-1.00000	0.00000	-12.227	-0.50000	0.0	0.0	0.0
	5.00000	-1.00000	0.00000	-13.117	-0.50000	0.0	0.0	0.0
	6.00000	-1.00000	0.00000	-13.859	-0.50000	0.0	0.0	0.0
	7.00000	-1.00000	0.00000	-14.483	-0.50000	0.0	0.0	0.0
	8.00000	-1.00000	0.00000	-15.015	-0.50000	0.0	0.0	0.0
	9.00000	-1.00000	0.00000	-15.470	-0.50000	0.0	0.0	0.0
	10.00000	-1.00000	0.00000	-15.859	-0.50000	0.0	0.0	0.0
	11.00000	-1.00000	0.00000	-16.193	-0.50000	0.0	0.0	0.0
	12.00000	-1.00000	0.00000	-16.478	-0.50000	0.0	0.0	0.0
	13.00000	-1.00000	0.00000	-16.719	-0.50000	0.0	0.0	0.0
	14.00000	-1.00000	0.00000	-16.921	-0.50000	0.0	0.0	0.0
	15.00000	-1.00000	0.00000	-17.086	-0.50000	0.0	0.0	0.0
	16.00000	-1.00000	0.00000	-17.218	-0.50000	0.0	0.0	0.0
	17.00000	-1.00000	0.00000	-17.319	-0.50000	0.0	0.0	0.0
	18.00000	-1.00000	0.00000	-17.389	-0.50000	0.0	0.0	0.0
	19.00000	-1.00000	0.00000	-17.430	-0.50000	0.0	0.0	0.0
	20.00000	-1.00000	0.00000	-17.442	-0.50000	0.0	0.0	0.0
	21.00000	-1.00000	0.00000	-17.426	-0.50000	0.0	0.0	0.0
	22.00000	-1.00000	0.00000	-17.381	-0.50000	0.0	0.0	0.0
	23.00000	-1.00000	0.00000	-17.307	-0.50000	0.0	0.0	0.0
	24.00000	-1.00000	0.00000	-17.202	-0.50000	0.0	0.0	0.0
	25.00000	-1.00000	0.00000	-17.066	-0.50000	0.0	0.0	0.0
	26.00000	-1.00000	0.00000	-16.896	-0.50000	0.0	0.0	0.0
	27.00000	-1.00000	0.00000	-16.690	-0.50000	0.0	0.0	0.0
	28.00000	-1.00000	0.00000	-16.444	-0.50000	0.0	0.0	0.0
	29.00000	-1.00000	0.00000	-16.155	-0.50000	0.0	0.0	0.0
	30.00000	-1.00000	0.00000	-15.817	-0.50000	0.0	0.0	0.0
	31.00000	-1.00000	0.00000	-15.423	-0.50000	0.0	0.0	0.0
	32.00000	-1.00000	0.00000	-14.964	-0.50000	0.0	0.0	0.0
	33.00000	-1.00000	0.00000	-14.428	-0.50000	0.0	0.0	0.0
	34.00000	-1.00000	0.00000	-13.800	-0.50000	0.0	0.0	0.0
	35.00000	-1.00000	0.00000	-13.055	-0.50000	0.0	0.0	0.0
	36.00000	-1.00000	0.00000	-12.162	-0.50000	0.0	0.0	0.0
	37.00000	-1.00000	0.00000	-11.079	-0.50000	0.0	0.0	0.0
	38.00000	-1.00000	0.00000	-9.8060	-0.50000	0.0	0.0	0.0
	39.00000	-1.00000	0.00000	-8.5299	-0.50000	0.0	0.0	0.0
	40.00000	-1.00000	0.00000	-7.4389	-0.50000	0.0	0.0	0.0
	41.00000	-1.00000	0.00000	-6.5312	-0.50000	0.0	0.0	0.0
	42.00000	-1.00000	0.00000	-5.7660	-0.50000	0.0	0.0	0.0
	43.00000	-1.00000	0.00000	-5.1106	-0.50000	0.0	0.0	0.0
	44.00000	-1.00000	0.00000	-4.5422	-0.50000	0.0	0.0	0.0
	45.00000	-1.00000	0.00000	-4.0441	-0.50000	0.0	0.0	0.0
	46.00000	-1.00000	0.00000	-3.6041	-0.50000	0.0	0.0	0.0
	47.00000	-1.00000	0.00000	-3.2129	-0.50000	0.0	0.0	0.0
	48.00000	-1.00000	0.00000	-2.8631	-0.50000	0.0	0.0	0.0
	49.00000	-1.00000	0.00000	-2.5491	-0.50000	0.0	0.0	0.0
	50.00000	-1.00000	0.00000	-2.2662	-0.50000	0.0	0.0	0.0
	51.00000	-1.00000	0.00000	-2.0106	-0.50000	0.0	0.0	0.0
	52.00000	-1.00000	0.00000	-1.7790	-0.50000	0.0	0.0	0.0
	53.00000	-1.00000	0.00000	-1.5687	-0.50000	0.0	0.0	0.0
	54.00000	-1.00000	0.00000	-1.3776	-0.50000	0.0	0.0	0.0
	55.00000	-1.00000	0.00000	-1.2035	-0.50000	0.0	0.0	0.0
	56.00000	-1.00000	0.00000	-1.0449	-0.50000	0.0	0.0	0.0
	57.00000	-1.00000	0.00000	-0.90013	-0.50000	0.0	0.0	0.0
	58.00000	-1.00000	0.00000	-0.76798	-0.50000	0.0	0.0	0.0
	59.00000	-1.00000	0.00000	-0.64725	-0.50000	0.0	0.0	0.0
	60.00000	-1.00000	0.00000	-0.53694	-0.50000	0.0	0.0	0.0
	-20.00000	0.00000	0.00000	-0.61355	-0.50000	0.0	0.0	0.0
	-19.00000	0.00000	0.00000	-0.73159	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-18.00000	0.00000	0.00000	-0.86085	-0.50000	0.0	0.0	0.0
	-17.00000	0.00000	0.00000	-1.0024	-0.50000	0.0	0.0	0.0
	-16.00000	0.00000	0.00000	-1.1577	-0.50000	0.0	0.0	0.0
	-15.00000	0.00000	0.00000	-1.3279	-0.50000	0.0	0.0	0.0
	-14.00000	0.00000	0.00000	-1.5149	-0.50000	0.0	0.0	0.0
	-13.00000	0.00000	0.00000	-1.7205	-0.50000	0.0	0.0	0.0
	-12.00000	0.00000	0.00000	-1.9469	-0.50000	0.0	0.0	0.0
	-11.00000	0.00000	0.00000	-2.1968	-0.50000	0.0	0.0	0.0
	-10.00000	0.00000	0.00000	-2.4731	-0.50000	0.0	0.0	0.0
	-9.00000	0.00000	0.00000	-2.7797	-0.50000	0.0	0.0	0.0
	-8.00000	0.00000	0.00000	-3.1210	-0.50000	0.0	0.0	0.0
	-7.00000	0.00000	0.00000	-3.5026	-0.50000	0.0	0.0	0.0
	-6.00000	0.00000	0.00000	-3.9317	-0.50000	0.0	0.0	0.0
	-5.00000	0.00000	0.00000	-4.4175	-0.50000	0.0	0.0	0.0
	-4.00000	0.00000	0.00000	-4.9724	-0.50000	0.0	0.0	0.0
	-3.00000	0.00000	0.00000	-5.6134	-0.50000	0.0	0.0	0.0
	-2.00000	0.00000	0.00000	-6.3657	-0.50000	0.0	0.0	0.0
	-1.00000	0.00000	0.00000	-7.2687	-0.50000	0.0	0.0	0.0
	0.00000	0.00000	0.00000	-8.3914	-0.50000	0.0	0.0	0.0
	1.00000	0.00000	0.00000	-9.8777	-0.50000	0.0	0.0	0.0
	2.00000	0.00000	0.00000	-12.553	-0.50000	0.0	0.0	0.0
	3.00000	0.00000	0.00000	-15.225	-0.50000	0.0	0.0	0.0
	4.00000	0.00000	0.00000	-16.701	-0.50000	0.0	0.0	0.0
	5.00000	0.00000	0.00000	-17.805	-0.50000	0.0	0.0	0.0
	6.00000	0.00000	0.00000	-18.682	-0.50000	0.0	0.0	0.0
	7.00000	0.00000	0.00000	-19.402	-0.50000	0.0	0.0	0.0
	8.00000	0.00000	0.00000	-20.002	-0.50000	0.0	0.0	0.0
	9.00000	0.00000	0.00000	-20.509	-0.50000	0.0	0.0	0.0
	10.00000	0.00000	0.00000	-20.940	-0.50000	0.0	0.0	0.0
	11.00000	0.00000	0.00000	-21.306	-0.50000	0.0	0.0	0.0
	12.00000	0.00000	0.00000	-21.616	-0.50000	0.0	0.0	0.0
	13.00000	0.00000	0.00000	-21.878	-0.50000	0.0	0.0	0.0
	14.00000	0.00000	0.00000	-22.096	-0.50000	0.0	0.0	0.0
	15.00000	0.00000	0.00000	-22.274	-0.50000	0.0	0.0	0.0
	16.00000	0.00000	0.00000	-22.416	-0.50000	0.0	0.0	0.0
	17.00000	0.00000	0.00000	-22.524	-0.50000	0.0	0.0	0.0
	18.00000	0.00000	0.00000	-22.599	-0.50000	0.0	0.0	0.0
	19.00000	0.00000	0.00000	-22.643	-0.50000	0.0	0.0	0.0
	20.00000	0.00000	0.00000	-22.656	-0.50000	0.0	0.0	0.0
	21.00000	0.00000	0.00000	-22.639	-0.50000	0.0	0.0	0.0
	22.00000	0.00000	0.00000	-22.591	-0.50000	0.0	0.0	0.0
	23.00000	0.00000	0.00000	-22.511	-0.50000	0.0	0.0	0.0
	24.00000	0.00000	0.00000	-22.399	-0.50000	0.0	0.0	0.0
	25.00000	0.00000	0.00000	-22.252	-0.50000	0.0	0.0	0.0
	26.00000	0.00000	0.00000	-22.069	-0.50000	0.0	0.0	0.0
	27.00000	0.00000	0.00000	-21.846	-0.50000	0.0	0.0	0.0
	28.00000	0.00000	0.00000	-21.579	-0.50000	0.0	0.0	0.0
	29.00000	0.00000	0.00000	-21.263	-0.50000	0.0	0.0	0.0
	30.00000	0.00000	0.00000	-20.892	-0.50000	0.0	0.0	0.0
	31.00000	0.00000	0.00000	-20.457	-0.50000	0.0	0.0	0.0
	32.00000	0.00000	0.00000	-19.945	-0.50000	0.0	0.0	0.0
	33.00000	0.00000	0.00000	-19.340	-0.50000	0.0	0.0	0.0
	34.00000	0.00000	0.00000	-18.616	-0.50000	0.0	0.0	0.0
	35.00000	0.00000	0.00000	-17.734	-0.50000	0.0	0.0	0.0
	36.00000	0.00000	0.00000	-16.626	-0.50000	0.0	0.0	0.0
	37.00000	0.00000	0.00000	-15.148	-0.50000	0.0	0.0	0.0
	38.00000	0.00000	0.00000	-12.473	-0.50000	0.0	0.0	0.0
	39.00000	0.00000	0.00000	-9.7959	-0.50000	0.0	0.0	0.0
	40.00000	0.00000	0.00000	-8.3084	-0.50000	0.0	0.0	0.0
	41.00000	0.00000	0.00000	-7.1852	-0.50000	0.0	0.0	0.0
	42.00000	0.00000	0.00000	-6.2824	-0.50000	0.0	0.0	0.0
	43.00000	0.00000	0.00000	-5.5309	-0.50000	0.0	0.0	0.0
	44.00000	0.00000	0.00000	-4.8913	-0.50000	0.0	0.0	0.0
	45.00000	0.00000	0.00000	-4.3384	-0.50000	0.0	0.0	0.0
	46.00000	0.00000	0.00000	-3.8549	-0.50000	0.0	0.0	0.0
	47.00000	0.00000	0.00000	-3.4285	-0.50000	0.0	0.0	0.0
	48.00000	0.00000	0.00000	-3.0498	-0.50000	0.0	0.0	0.0
	49.00000	0.00000	0.00000	-2.7117	-0.50000	0.0	0.0	0.0
	50.00000	0.00000	0.00000	-2.4084	-0.50000	0.0	0.0	0.0
	51.00000	0.00000	0.00000	-2.1354	-0.50000	0.0	0.0	0.0
	52.00000	0.00000	0.00000	-1.8890	-0.50000	0.0	0.0	0.0
	53.00000	0.00000	0.00000	-1.6659	-0.50000	0.0	0.0	0.0
	54.00000	0.00000	0.00000	-1.4637	-0.50000	0.0	0.0	0.0
	55.00000	0.00000	0.00000	-1.2799	-0.50000	0.0	0.0	0.0
	56.00000	0.00000	0.00000	-1.1128	-0.50000	0.0	0.0	0.0
	57.00000	0.00000	0.00000	-0.96055	-0.50000	0.0	0.0	0.0
	58.00000	0.00000	0.00000	-0.82181	-0.50000	0.0	0.0	0.0
	59.00000	0.00000	0.00000	-0.69527	-0.50000	0.0	0.0	0.0
	60.00000	0.00000	0.00000	-0.57980	-0.50000	0.0	0.0	0.0
	-20.00000	1.00000	0.00000	-0.65764	-0.50000	0.0	0.0	0.0
	-19.00000	1.00000	0.00000	-0.78103	-0.50000	0.0	0.0	0.0
	-18.00000	1.00000	0.00000	-0.91632	-0.50000	0.0	0.0	0.0
	-17.00000	1.00000	0.00000	-1.0647	-0.50000	0.0	0.0	0.0
	-16.00000	1.00000	0.00000	-1.2277	-0.50000	0.0	0.0	0.0
	-15.00000	1.00000	0.00000	-1.4068	-0.50000	0.0	0.0	0.0
	-14.00000	1.00000	0.00000	-1.6038	-0.50000	0.0	0.0	0.0
	-13.00000	1.00000	0.00000	-1.8209	-0.50000	0.0	0.0	0.0
	-12.00000	1.00000	0.00000	-2.0605	-0.50000	0.0	0.0	0.0
	-11.00000	1.00000	0.00000	-2.3257	-0.50000	0.0	0.0	0.0
	-10.00000	1.00000	0.00000	-2.6198	-0.50000	0.0	0.0	0.0
	-9.00000	1.00000	0.00000	-2.9472	-0.50000	0.0	0.0	0.0
	-8.00000	1.00000	0.00000	-3.3131	-0.50000	0.0	0.0	0.0
	-7.00000	1.00000	0.00000	-3.7242	-0.50000	0.0	0.0	0.0
	-6.00000	1.00000	0.00000	-4.1889	-0.50000	0.0	0.0	0.0
	-5.00000	1.00000	0.00000	-4.7185	-0.50000	0.0	0.0	0.0
	-4.00000	1.00000	0.00000	-5.3285	-0.50000	0.0	0.0	0.0
	-3.00000	1.00000	0.00000	-6.0409	-0.50000	0.0	0.0	0.0
	-2.00000	1.00000	0.00000	-6.8895	-0.50000	0.0	0.0	0.0
	-1.00000	1.00000	0.00000	-7.9300	-0.50000	0.0	0.0	0.0
	0.00000	1.00000	0.00000	-9.2681	-0.50000	0.0	0.0	0.0
	1.00000	1.00000	0.00000	-11.151	-0.50000	0.0	0.0	0.0
	2.00000	1.00000	0.00000	-15.227	-0.50000	0.0	0.0	0.0
	3.00000	1.00000	0.00000	-19.299	-0.50000	0.0	0.0	0.0
	4.00000	1.00000	0.00000	-21.170	-0.50000	0.0	0.0	0.0
	5.00000	1.00000	0.00000	-22.489	-0.50000	0.0	0.0	0.0
	6.00000	1.00000	0.00000	-23.502	-0.50000	0.0	0.0	0.0
	7.00000	1.00000	0.00000	-24.315	-0.50000	0.0	0.0	0.0
	8.00000	1.00000	0.00000	-24.984	-0.50000	0.0	0.0	0.0
	9.00000	1.00000	0.00000	-25.544	-0.50000	0.0	0.0	0.0
	10.00000	1.00000	0.00000	-26.014	-0.50000	0.0	0.0	0.0
	11.00000	1.00000	0.00000	-26.412	-0.50000	0.0	0.0	0.0
	12.00000	1.00000	0.00000	-26.748	-0.50000	0.0	0.0	0.0
	13.00000	1.00000	0.00000	-27.030	-0.50000	0.0	0.0	0.0
	14.00000	1.00000	0.00000	-27.264	-0.50000	0.0	0.0	0.0
	15.00000	1.00000	0.00000	-27.456	-0.50000	0.0	0.0	0.0
	16.00000	1.00000	0.00000	-27.607	-0.50000	0.0	0.0	0.0
	17.00000	1.00000	0.00000	-27.723	-0.50000	0.0	0.0	0.0
	18.00000	1.00000	0.00000	-27.803	-0.50000	0.0	0.0	0.0
	19.00000	1.00000	0.00000	-27.850	-0.50000	0.0	0.0	0.0
	20.00000	1.00000	0.00000	-27.863	-0.50000	0.0	0.0	0.0
	21.00000	1.00000	0.00000	-27.845	-0.50000	0.0	0.0	0.0
	22.00000	1.00000	0.00000	-27.793	-0.50000	0.0	0.0	0.0
	23.00000	1.00000	0.00000	-27.708	-0.50000	0.0	0.0	0.0
	24.00000	1.00000	0.00000	-27.588	-0.50000	0.0	0.0	0.0
	25.00000	1.00000	0.00000	-27.431	-0.50000	0.0	0.0	0.0
	26.00000	1.00000	0.00000	-27.235	-0.50000	0.0	0.0	0.0
	27.00000	1.00000	0.00000	-26.995	-0.50000	0.0	0.0	0.0
	28.00000	1.00000	0.00000	-26.707	-0.50000	0.0	0.0	0.0
	29.00000	1.00000	0.00000	-26.365	-0.50000	0.0	0.0	0.0
	30.00000	1.00000	0.00000	-25.962	-0.50000	0.0	0.0	0.0
	31.00000	1.00000	0.00000	-25.485	-0.50000	0.0	0.0	0.0
	32.00000	1.00000	0.00000	-24.920	-0.50000	0.0	0.0	0.0
	33.00000	1.00000	0.00000	-24.245	-0.50000	0.0	0.0	0.0
	34.00000	1.00000	0.00000	-23.427	-0.50000	0.0	0.0	0.0
	35.00000	1.00000	0.00000	-22.409	-0.50000	0.0	0.0	0.0
	36.00000	1.00000	0.00000	-21.086	-0.50000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	42.00000	1.00000	0.00000	-6.7950	-0.50000	0.0	0.0	0.0
	43.00000	1.00000	0.00000	-5.9475	-0.50000	0.0	0.0	0.0
	44.00000	1.00000	0.00000	-5.2369	-0.50000	0.0	0.0	0.0
	45.00000	1.00000	0.00000	-4.6294	-0.50000	0.0	0.0	0.0
	46.00000	1.00000	0.00000	-4.1027	-0.50000	0.0	0.0	0.0
	47.00000	1.00000	0.00000	-3.6413	-0.50000	0.0	0.0	0.0
	48.00000	1.00000	0.00000	-3.2339	-0.50000	0.0	0.0	0.0
	49.00000	1.00000	0.00000	-2.8718	-0.50000	0.0	0.0	0.0
	50.00000	1.00000	0.00000	-2.5483	-0.50000	0.0	0.0	0.0
	51.00000	1.00000	0.00000	-2.2582	-0.50000	0.0	0.0	0.0
	52.00000	1.00000	0.00000	-1.9970	-0.50000	0.0	0.0	0.0
	53.00000	1.00000	0.00000	-1.7613	-0.50000	0.0	0.0	0.0
	54.00000	1.00000	0.00000	-1.5480	-0.50000	0.0	0.0	0.0
	55.00000	1.00000	0.00000	-1.3547	-0.50000	0.0	0.0	0.0
	56.00000	1.00000	0.00000	-1.1792	-0.50000	0.0	0.0	0.0
	57.00000	1.00000	0.00000	-1.0196	-0.50000	0.0	0.0	0.0
	58.00000	1.00000	0.00000	-0.87439	-0.50000	0.0	0.0	0.0
	59.00000	1.00000	0.00000	-0.74213	-0.50000	0.0	0.0	0.0
	60.00000	1.00000	0.00000	-0.62161	-0.50000	0.0	0.0	0.0
	-20.00000	2.00000	0.00000	-0.70050	-0.50000	0.0	0.0	0.0
	-19.00000	2.00000	0.00000	-0.82912	-0.50000	0.0	0.0	0.0
	-18.00000	2.00000	0.00000	-0.97033	-0.50000	0.0	0.0	0.0
	-17.00000	2.00000	0.00000	-1.1255	-0.50000	0.0	0.0	0.0
	-16.00000	2.00000	0.00000	-1.2960	-0.50000	0.0	0.0	0.0
	-15.00000	2.00000	0.00000	-1.4838	-0.50000	0.0	0.0	0.0
	-14.00000	2.00000	0.00000	-1.6907	-0.50000	0.0	0.0	0.0
	-13.00000	2.00000	0.00000	-1.9191	-0.50000	0.0	0.0	0.0
	-12.00000	2.00000	0.00000	-2.1718	-0.50000	0.0	0.0	0.0
	-11.00000	2.00000	0.00000	-2.4520	-0.50000	0.0	0.0	0.0
	-10.00000	2.00000	0.00000	-2.7636	-0.50000	0.0	0.0	0.0
	-9.00000	2.00000	0.00000	-3.1115	-0.50000	0.0	0.0	0.0
	-8.00000	2.00000	0.00000	-3.5016	-0.50000	0.0	0.0	0.0
	-7.00000	2.00000	0.00000	-3.9414	-0.50000	0.0	0.0	0.0
	-6.00000	2.00000	0.00000	-4.4409	-0.50000	0.0	0.0	0.0
	-5.00000	2.00000	0.00000	-5.0130	-0.50000	0.0	0.0	0.0
	-4.00000	2.00000	0.00000	-5.6760	-0.50000	0.0	0.0	0.0
	-3.00000	2.00000	0.00000	-6.4564	-0.50000	0.0	0.0	0.0
	-2.00000	2.00000	0.00000	-7.3947	-0.50000	0.0	0.0	0.0
	-1.00000	2.00000	0.00000	-8.5588	-0.50000	0.0	0.0	0.0
	0.00000	2.00000	0.00000	-10.076	-0.50000	0.0	0.0	0.0
	1.00000	2.00000	0.00000	-12.233	-0.50000	0.0	0.0	0.0
	2.00000	2.00000	0.00000	-16.705	-0.50000	0.0	0.0	0.0
	3.00000	2.00000	0.00000	-21.173	-0.50000	0.0	0.0	0.0
	4.00000	2.00000	0.00000	-23.316	-0.50000	0.0	0.0	0.0
	5.00000	2.00000	0.00000	-24.813	-0.50000	0.0	0.0	0.0
	6.00000	2.00000	0.00000	-25.947	-0.50000	0.0	0.0	0.0
	7.00000	2.00000	0.00000	-26.848	-0.50000	0.0	0.0	0.0
	8.00000	2.00000	0.00000	-27.582	-0.50000	0.0	0.0	0.0
	9.00000	2.00000	0.00000	-28.191	-0.50000	0.0	0.0	0.0
	10.00000	2.00000	0.00000	-28.701	-0.50000	0.0	0.0	0.0
	11.00000	2.00000	0.00000	-29.129	-0.50000	0.0	0.0	0.0
	12.00000	2.00000	0.00000	-29.490	-0.50000	0.0	0.0	0.0
	13.00000	2.00000	0.00000	-29.791	-0.50000	0.0	0.0	0.0
	14.00000	2.00000	0.00000	-30.041	-0.50000	0.0	0.0	0.0
	15.00000	2.00000	0.00000	-30.245	-0.50000	0.0	0.0	0.0
	16.00000	2.00000	0.00000	-30.406	-0.50000	0.0	0.0	0.0
	17.00000	2.00000	0.00000	-30.528	-0.50000	0.0	0.0	0.0
	18.00000	2.00000	0.00000	-30.613	-0.50000	0.0	0.0	0.0
	19.00000	2.00000	0.00000	-30.663	-0.50000	0.0	0.0	0.0
	20.00000	2.00000	0.00000	-30.678	-0.50000	0.0	0.0	0.0
	21.00000	2.00000	0.00000	-30.658	-0.50000	0.0	0.0	0.0
	22.00000	2.00000	0.00000	-30.603	-0.50000	0.0	0.0	0.0
	23.00000	2.00000	0.00000	-30.513	-0.50000	0.0	0.0	0.0
	24.00000	2.00000	0.00000	-30.385	-0.50000	0.0	0.0	0.0
	25.00000	2.00000	0.00000	-30.218	-0.50000	0.0	0.0	0.0
	26.00000	2.00000	0.00000	-30.009	-0.50000	0.0	0.0	0.0
	27.00000	2.00000	0.00000	-29.753	-0.50000	0.0	0.0	0.0
	28.00000	2.00000	0.00000	-29.444	-0.50000	0.0	0.0	0.0
	29.00000	2.00000	0.00000	-29.077	-0.50000	0.0	0.0	0.0
	30.00000	2.00000	0.00000	-28.642	-0.50000	0.0	0.0	0.0
	31.00000	2.00000	0.00000	-28.126	-0.50000	0.0	0.0	0.0
	32.00000	2.00000	0.00000	-27.510	-0.50000	0.0	0.0	0.0
	33.00000	2.00000	0.00000	-26.769	-0.50000	0.0	0.0	0.0
	34.00000	2.00000	0.00000	-25.862	-0.50000	0.0	0.0	0.0
	35.00000	2.00000	0.00000	-24.722	-0.50000	0.0	0.0	0.0
	36.00000	2.00000	0.00000	-23.220	-0.50000	0.0	0.0	0.0
	37.00000	2.00000	0.00000	-21.072	-0.50000	0.0	0.0	0.0
	38.00000	2.00000	0.00000	-16.601	-0.50000	0.0	0.0	0.0
	39.00000	2.00000	0.00000	-12.126	-0.50000	0.0	0.0	0.0
	40.00000	2.00000	0.00000	-9.9683	-0.50000	0.0	0.0	0.0
	41.00000	2.00000	0.00000	-8.4505	-0.50000	0.0	0.0	0.0
	42.00000	2.00000	0.00000	-7.2870	-0.50000	0.0	0.0	0.0
	43.00000	2.00000	0.00000	-6.3503	-0.50000	0.0	0.0	0.0
	44.00000	2.00000	0.00000	-5.5723	-0.50000	0.0	0.0	0.0
	45.00000	2.00000	0.00000	-4.9124	-0.50000	0.0	0.0	0.0
	46.00000	2.00000	0.00000	-4.3439	-0.50000	0.0	0.0	0.0
	47.00000	2.00000	0.00000	-3.8486	-0.50000	0.0	0.0	0.0
	48.00000	2.00000	0.00000	-3.4132	-0.50000	0.0	0.0	0.0
	49.00000	2.00000	0.00000	-3.0277	-0.50000	0.0	0.0	0.0
	50.00000	2.00000	0.00000	-2.6845	-0.50000	0.0	0.0	0.0
	51.00000	2.00000	0.00000	-2.3776	-0.50000	0.0	0.0	0.0
	52.00000	2.00000	0.00000	-2.1021	-0.50000	0.0	0.0	0.0
	53.00000	2.00000	0.00000	-1.8540	-0.50000	0.0	0.0	0.0
	54.00000	2.00000	0.00000	-1.6300	-0.50000	0.0	0.0	0.0
	55.00000	2.00000	0.00000	-1.4273	-0.50000	0.0	0.0	0.0
	56.00000	2.00000	0.00000	-1.2436	-0.50000	0.0	0.0	0.0
	57.00000	2.00000	0.00000	-1.0769	-0.50000	0.0	0.0	0.0
	58.00000	2.00000	0.00000	-0.92536	-0.50000	0.0	0.0	0.0
	59.00000	2.00000	0.00000	-0.78754	-0.50000	0.0	0.0	0.0
	60.00000	2.00000	0.00000	-0.66209	-0.50000	0.0	0.0	0.0
	-20.00000	3.00000	0.00000	-0.74186	-0.50000	0.0	0.0	0.0
	-19.00000	3.00000	0.00000	-0.87558	-0.50000	0.0	0.0	0.0
	-18.00000	3.00000	0.00000	-1.0225	-0.50000	0.0	0.0	0.0
	-17.00000	3.00000	0.00000	-1.1842	-0.50000	0.0	0.0	0.0
	-16.00000	3.00000	0.00000	-1.3622	-0.50000	0.0	0.0	0.0
	-15.00000	3.00000	0.00000	-1.5584	-0.50000	0.0	0.0	0.0
	-14.00000	3.00000	0.00000	-1.7749	-0.50000	0.0	0.0	0.0
	-13.00000	3.00000	0.00000	-2.0144	-0.50000	0.0	0.0	0.0
	-12.00000	3.00000	0.00000	-2.2798	-0.50000	0.0	0.0	0.0
	-11.00000	3.00000	0.00000	-2.5747	-0.50000	0.0	0.0	0.0
	-10.00000	3.00000	0.00000	-2.9033	-0.50000	0.0	0.0	0.0
	-9.00000	3.00000	0.00000	-3.2711	-0.50000	0.0	0.0	0.0
	-8.00000	3.00000	0.00000	-3.6846	-0.50000	0.0	0.0	0.0
	-7.00000	3.00000	0.00000	-4.1521	-0.50000	0.0	0.0	0.0
	-6.00000	3.00000	0.00000	-4.6847	-0.50000	0.0	0.0	0.0
	-5.00000	3.00000	0.00000	-5.2970	-0.50000	0.0	0.0	0.0
	-4.00000	3.00000	0.00000	-6.0095	-0.50000	0.0	0.0	0.0
	-3.00000	3.00000	0.00000	-6.8518	-0.50000	0.0	0.0	0.0
	-2.00000	3.00000	0.00000	-7.8693	-0.50000	0.0	0.0	0.0
	-1.00000	3.00000	0.00000	-9.1367	-0.50000	0.0	0.0	0.0
	0.00000	3.00000	0.00000	-10.791	-0.50000	0.0	0.0	0.0
	1.00000	3.00000	0.00000	-13.127	-0.50000	0.0	0.0	0.0
	2.00000	3.00000	0.00000	-17.813	-0.50000	0.0	0.0	0.0
	3.00000	3.00000	0.00000	-22.494	-0.50000	0.0	0.0	0.0
	4.00000	3.00000	0.00000	-24.816	-0.50000	0.0	0.0	0.0
	5.00000	3.00000	0.00000	-26.447	-0.50000	0.0	0.0	0.0
	6.00000	3.00000	0.00000	-27.683	-0.50000	0.0	0.0	0.0
	7.00000	3.00000	0.00000	-28.659	-0.50000	0.0	0.0	0.0
	8.00000	3.00000	0.00000	-29.452	-0.50000	0.0	0.0	0.0
	9.00000	3.00000	0.00000	-30.107	-0.50000	0.0	0.0	0.0
	10.00000	3.00000	0.00000	-30.653	-0.50000	0.0	0.0	0.0
	11.00000	3.00000	0.00000	-31.110	-0.50000	0.0	0.0	0.0
	12.00000	3.00000	0.00000	-31.493	-0.50000	0.0	0.0	0.0
	13.00000	3.00000	0.00000	-31.814	-0.50000	0.0	0.0	0.0
	14.00000	3.00000	0.00000	-32.078	-0.50000	0.0	0.0	0.0
	15.00000	3.00000	0.00000	-32.294	-0.50000	0.0	0.0	0.0
	16.00000	3.00000	0.00000	-32.464	-0.50000	0.0	0.0	0.0
	17.00000	3.00000	0.00000	-32.593	-0.50000	0.0	0.0	0.0
	18.00000	3.00000	0.00000	-32.683	-0.50000	0.0	0.0	0.0
	19.00000	3.00000	0.00000	-32.735	-0.50000	0.0	0.0	0.0
	20.00000	3.00000	0.00000	-32.751	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	21.00000	3.00000	0.00000	-32.730	-0.50000	0.0	0.0	0.0
	22.00000	3.00000	0.00000	-32.672	-0.50000	0.0	0.0	0.0
	23.00000	3.00000	0.00000	-32.577	-0.50000	0.0	0.0	0.0
	24.00000	3.00000	0.00000	-32.442	-0.50000	0.0	0.0	0.0
	25.00000	3.00000	0.00000	-32.265	-0.50000	0.0	0.0	0.0
	26.00000	3.00000	0.00000	-32.043	-0.50000	0.0	0.0	0.0
	27.00000	3.00000	0.00000	-31.771	-0.50000	0.0	0.0	0.0
	28.00000	3.00000	0.00000	-31.444	-0.50000	0.0	0.0	0.0
	29.00000	3.00000	0.00000	-31.053	-0.50000	0.0	0.0	0.0
	30.00000	3.00000	0.00000	-30.587	-0.50000	0.0	0.0	0.0
	31.00000	3.00000	0.00000	-30.033	-0.50000	0.0	0.0	0.0
	32.00000	3.00000	0.00000	-29.371	-0.50000	0.0	0.0	0.0
	33.00000	3.00000	0.00000	-28.570	-0.50000	0.0	0.0	0.0
	34.00000	3.00000	0.00000	-27.586	-0.50000	0.0	0.0	0.0
	35.00000	3.00000	0.00000	-26.343	-0.50000	0.0	0.0	0.0
	36.00000	3.00000	0.00000	-24.706	-0.50000	0.0	0.0	0.0
	37.00000	3.00000	0.00000	-22.379	-0.50000	0.0	0.0	0.0
	38.00000	3.00000	0.00000	-17.693	-0.50000	0.0	0.0	0.0
	39.00000	3.00000	0.00000	-13.004	-0.50000	0.0	0.0	0.0
	40.00000	3.00000	0.00000	-10.667	-0.50000	0.0	0.0	0.0
	41.00000	3.00000	0.00000	-9.0124	-0.50000	0.0	0.0	0.0
	42.00000	3.00000	0.00000	-7.7460	-0.50000	0.0	0.0	0.0
	43.00000	3.00000	0.00000	-6.7307	-0.50000	0.0	0.0	0.0
	44.00000	3.00000	0.00000	-5.8916	-0.50000	0.0	0.0	0.0
	45.00000	3.00000	0.00000	-5.1831	-0.50000	0.0	0.0	0.0
	46.00000	3.00000	0.00000	-4.5754	-0.50000	0.0	0.0	0.0
	47.00000	3.00000	0.00000	-4.0479	-0.50000	0.0	0.0	0.0
	48.00000	3.00000	0.00000	-3.5858	-0.50000	0.0	0.0	0.0
	49.00000	3.00000	0.00000	-3.1780	-0.50000	0.0	0.0	0.0
	50.00000	3.00000	0.00000	-2.8159	-0.50000	0.0	0.0	0.0
	51.00000	3.00000	0.00000	-2.4928	-0.50000	0.0	0.0	0.0
	52.00000	3.00000	0.00000	-2.2034	-0.50000	0.0	0.0	0.0
	53.00000	3.00000	0.00000	-1.9433	-0.50000	0.0	0.0	0.0
	54.00000	3.00000	0.00000	-1.7090	-0.50000	0.0	0.0	0.0
	55.00000	3.00000	0.00000	-1.4973	-0.50000	0.0	0.0	0.0
	56.00000	3.00000	0.00000	-1.3057	-0.50000	0.0	0.0	0.0
	57.00000	3.00000	0.00000	-1.1320	-0.50000	0.0	0.0	0.0
	58.00000	3.00000	0.00000	-0.97440	-0.50000	0.0	0.0	0.0
	59.00000	3.00000	0.00000	-0.83121	-0.50000	0.0	0.0	0.0
	60.00000	3.00000	0.00000	-0.70100	-0.50000	0.0	0.0	0.0
	-20.00000	4.00000	0.00000	-0.78145	-0.50000	0.0	0.0	0.0
	-19.00000	4.00000	0.00000	-0.92008	-0.50000	0.0	0.0	0.0
	-18.00000	4.00000	0.00000	-1.0726	-0.50000	0.0	0.0	0.0
	-17.00000	4.00000	0.00000	-1.2406	-0.50000	0.0	0.0	0.0
	-16.00000	4.00000	0.00000	-1.4257	-0.50000	0.0	0.0	0.0
	-15.00000	4.00000	0.00000	-1.6301	-0.50000	0.0	0.0	0.0
	-14.00000	4.00000	0.00000	-1.8560	-0.50000	0.0	0.0	0.0
	-13.00000	4.00000	0.00000	-2.1061	-0.50000	0.0	0.0	0.0
	-12.00000	4.00000	0.00000	-2.3838	-0.50000	0.0	0.0	0.0
	-11.00000	4.00000	0.00000	-2.6928	-0.50000	0.0	0.0	0.0
	-10.00000	4.00000	0.00000	-3.0379	-0.50000	0.0	0.0	0.0
	-9.00000	4.00000	0.00000	-3.4247	-0.50000	0.0	0.0	0.0
	-8.00000	4.00000	0.00000	-3.8605	-0.50000	0.0	0.0	0.0
	-7.00000	4.00000	0.00000	-4.3542	-0.50000	0.0	0.0	0.0
	-6.00000	4.00000	0.00000	-4.9179	-0.50000	0.0	0.0	0.0
	-5.00000	4.00000	0.00000	-5.5675	-0.50000	0.0	0.0	0.0
	-4.00000	4.00000	0.00000	-6.3249	-0.50000	0.0	0.0	0.0
	-3.00000	4.00000	0.00000	-7.2220	-0.50000	0.0	0.0	0.0
	-2.00000	4.00000	0.00000	-8.3070	-0.50000	0.0	0.0	0.0
	-1.00000	4.00000	0.00000	-9.6580	-0.50000	0.0	0.0	0.0
	0.00000	4.00000	0.00000	-11.415	-0.50000	0.0	0.0	0.0
	1.00000	4.00000	0.00000	-13.873	-0.50000	0.0	0.0	0.0
	2.00000	4.00000	0.00000	-18.695	-0.50000	0.0	0.0	0.0
	3.00000	4.00000	0.00000	-23.512	-0.50000	0.0	0.0	0.0
	4.00000	4.00000	0.00000	-25.954	-0.50000	0.0	0.0	0.0
	5.00000	4.00000	0.00000	-27.686	-0.50000	0.0	0.0	0.0
	6.00000	4.00000	0.00000	-29.002	-0.50000	0.0	0.0	0.0
	7.00000	4.00000	0.00000	-30.043	-0.50000	0.0	0.0	0.0
	8.00000	4.00000	0.00000	-30.887	-0.50000	0.0	0.0	0.0
	9.00000	4.00000	0.00000	-31.582	-0.50000	0.0	0.0	0.0
	10.00000	4.00000	0.00000	-32.160	-0.50000	0.0	0.0	0.0
	11.00000	4.00000	0.00000	-32.644	-0.50000	0.0	0.0	0.0
	12.00000	4.00000	0.00000	-33.048	-0.50000	0.0	0.0	0.0
	13.00000	4.00000	0.00000	-33.386	-0.50000	0.0	0.0	0.0
	14.00000	4.00000	0.00000	-33.664	-0.50000	0.0	0.0	0.0
	15.00000	4.00000	0.00000	-33.891	-0.50000	0.0	0.0	0.0
	16.00000	4.00000	0.00000	-34.070	-0.50000	0.0	0.0	0.0
	17.00000	4.00000	0.00000	-34.205	-0.50000	0.0	0.0	0.0
	18.00000	4.00000	0.00000	-34.299	-0.50000	0.0	0.0	0.0
	19.00000	4.00000	0.00000	-34.354	-0.50000	0.0	0.0	0.0
	20.00000	4.00000	0.00000	-34.370	-0.50000	0.0	0.0	0.0
	21.00000	4.00000	0.00000	-34.348	-0.50000	0.0	0.0	0.0
	22.00000	4.00000	0.00000	-34.287	-0.50000	0.0	0.0	0.0
	23.00000	4.00000	0.00000	-34.187	-0.50000	0.0	0.0	0.0
	24.00000	4.00000	0.00000	-34.046	-0.50000	0.0	0.0	0.0
	25.00000	4.00000	0.00000	-33.860	-0.50000	0.0	0.0	0.0
	26.00000	4.00000	0.00000	-33.626	-0.50000	0.0	0.0	0.0
	27.00000	4.00000	0.00000	-33.340	-0.50000	0.0	0.0	0.0
	28.00000	4.00000	0.00000	-32.994	-0.50000	0.0	0.0	0.0
	29.00000	4.00000	0.00000	-32.580	-0.50000	0.0	0.0	0.0
	30.00000	4.00000	0.00000	-32.087	-0.50000	0.0	0.0	0.0
	31.00000	4.00000	0.00000	-31.500	-0.50000	0.0	0.0	0.0
	32.00000	4.00000	0.00000	-30.795	-0.50000	0.0	0.0	0.0
	33.00000	4.00000	0.00000	-29.942	-0.50000	0.0	0.0	0.0
	34.00000	4.00000	0.00000	-28.892	-0.50000	0.0	0.0	0.0
	35.00000	4.00000	0.00000	-27.567	-0.50000	0.0	0.0	0.0
	36.00000	4.00000	0.00000	-25.827	-0.50000	0.0	0.0	0.0
	37.00000	4.00000	0.00000	-23.378	-0.50000	0.0	0.0	0.0
	38.00000	4.00000	0.00000	-18.557	-0.50000	0.0	0.0	0.0
	39.00000	4.00000	0.00000	-13.731	-0.50000	0.0	0.0	0.0
	40.00000	4.00000	0.00000	-11.272	-0.50000	0.0	0.0	0.0
	41.00000	4.00000	0.00000	-9.5146	-0.50000	0.0	0.0	0.0
	42.00000	4.00000	0.00000	-8.1652	-0.50000	0.0	0.0	0.0
	43.00000	4.00000	0.00000	-7.0832	-0.50000	0.0	0.0	0.0
	44.00000	4.00000	0.00000	-6.1903	-0.50000	0.0	0.0	0.0
	45.00000	4.00000	0.00000	-5.4380	-0.50000	0.0	0.0	0.0
	46.00000	4.00000	0.00000	-4.7944	-0.50000	0.0	0.0	0.0
	47.00000	4.00000	0.00000	-4.2371	-0.50000	0.0	0.0	0.0
	48.00000	4.00000	0.00000	-3.7500	-0.50000	0.0	0.0	0.0
	49.00000	4.00000	0.00000	-3.3211	-0.50000	0.0	0.0	0.0
	50.00000	4.00000	0.00000	-2.9411	-0.50000	0.0	0.0	0.0
	51.00000	4.00000	0.00000	-2.6027	-0.50000	0.0	0.0	0.0
	52.00000	4.00000	0.00000	-2.3001	-0.50000	0.0	0.0	0.0
	53.00000	4.00000	0.00000	-2.0286	-0.50000	0.0	0.0	0.0
	54.00000	4.00000	0.00000	-1.7844	-0.50000	0.0	0.0	0.0
	55.00000	4.00000	0.00000	-1.5640	-0.50000	0.0	0.0	0.0
	56.00000	4.00000	0.00000	-1.3649	-0.50000	0.0	0.0	0.0
	57.00000	4.00000	0.00000	-1.1846	-0.50000	0.0	0.0	0.0
	58.00000	4.00000	0.00000	-1.0212	-0.50000	0.0	0.0	0.0
	59.00000	4.00000	0.00000	-0.87284	-0.50000	0.0	0.0	0.0
	60.00000	4.00000	0.00000	-0.73809	-0.50000	0.0	0.0	0.0
	-20.00000	5.00000	0.00000	-0.81902	-0.50000	0.0	0.0	0.0
	-19.00000	5.00000	0.00000	-0.96234	-0.50000	0.0	0.0	0.0
	-18.00000	5.00000	0.00000	-1.1202	-0.50000	0.0	0.0	0.0
	-17.00000	5.00000	0.00000	-1.2942	-0.50000	0.0	0.0	0.0
	-16.00000	5.00000	0.00000	-1.4862	-0.50000	0.0	0.0	0.0
	-15.00000	5.00000	0.00000	-1.6984	-0.50000	0.0	0.0	0.0
	-14.00000	5.00000	0.00000	-1.9332	-0.50000	0.0	0.0	0.0
	-13.00000	5.00000	0.00000	-2.1936	-0.50000	0.0	0.0	0.0
	-12.00000	5.00000	0.00000	-2.4830	-0.50000	0.0	0.0	0.0
	-11.00000	5.00000	0.00000	-2.8056	-0.50000	0.0	0.0	0.0
	-10.00000	5.00000	0.00000	-3.1662	-0.50000	0.0	0.0	0.0
	-9.00000	5.00000	0.00000	-3.5711	-0.50000	0.0	0.0	0.0
	-8.00000	5.00000	0.00000	-4.0279	-0.50000	0.0	0.0	0.0
	-7.00000	5.00000	0.00000	-4.5462	-0.50000	0.0	0.0	0.0
	-6.00000	5.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	0.00000	5.00000	0.00000	-11.959	-0.50000	0.0	0.0	0.0
	1.00000	5.00000	0.00000	-14.505	-0.50000	0.0	0.0	0.0
	2.00000	5.00000	0.00000	-19.421	-0.50000	0.0	0.0	0.0
	3.00000	5.00000	0.00000	-24.331	-0.50000	0.0	0.0	0.0
	4.00000	5.00000	0.00000	-26.860	-0.50000	0.0	0.0	0.0
	5.00000	5.00000	0.00000	-28.667	-0.50000	0.0	0.0	0.0
	6.00000	5.00000	0.00000	-30.046	-0.50000	0.0	0.0	0.0
	7.00000	5.00000	0.00000	-31.139	-0.50000	0.0	0.0	0.0
	8.00000	5.00000	0.00000	-32.026	-0.50000	0.0	0.0	0.0
	9.00000	5.00000	0.00000	-32.756	-0.50000	0.0	0.0	0.0
	10.00000	5.00000	0.00000	-33.363	-0.50000	0.0	0.0	0.0
	11.00000	5.00000	0.00000	-33.870	-0.50000	0.0	0.0	0.0
	12.00000	5.00000	0.00000	-34.294	-0.50000	0.0	0.0	0.0
	13.00000	5.00000	0.00000	-34.646	-0.50000	0.0	0.0	0.0
	14.00000	5.00000	0.00000	-34.938	-0.50000	0.0	0.0	0.0
	15.00000	5.00000	0.00000	-35.174	-0.50000	0.0	0.0	0.0
	16.00000	5.00000	0.00000	-35.361	-0.50000	0.0	0.0	0.0
	17.00000	5.00000	0.00000	-35.502	-0.50000	0.0	0.0	0.0
	18.00000	5.00000	0.00000	-35.600	-0.50000	0.0	0.0	0.0
	19.00000	5.00000	0.00000	-35.657	-0.50000	0.0	0.0	0.0
	20.00000	5.00000	0.00000	-35.674	-0.50000	0.0	0.0	0.0
	21.00000	5.00000	0.00000	-35.651	-0.50000	0.0	0.0	0.0
	22.00000	5.00000	0.00000	-35.588	-0.50000	0.0	0.0	0.0
	23.00000	5.00000	0.00000	-35.483	-0.50000	0.0	0.0	0.0
	24.00000	5.00000	0.00000	-35.335	-0.50000	0.0	0.0	0.0
	25.00000	5.00000	0.00000	-35.141	-0.50000	0.0	0.0	0.0
	26.00000	5.00000	0.00000	-34.896	-0.50000	0.0	0.0	0.0
	27.00000	5.00000	0.00000	-34.596	-0.50000	0.0	0.0	0.0
	28.00000	5.00000	0.00000	-34.234	-0.50000	0.0	0.0	0.0
	29.00000	5.00000	0.00000	-33.800	-0.50000	0.0	0.0	0.0
	30.00000	5.00000	0.00000	-33.282	-0.50000	0.0	0.0	0.0
	31.00000	5.00000	0.00000	-32.664	-0.50000	0.0	0.0	0.0
	32.00000	5.00000	0.00000	-31.922	-0.50000	0.0	0.0	0.0
	33.00000	5.00000	0.00000	-31.024	-0.50000	0.0	0.0	0.0
	34.00000	5.00000	0.00000	-29.920	-0.50000	0.0	0.0	0.0
	35.00000	5.00000	0.00000	-28.529	-0.50000	0.0	0.0	0.0
	36.00000	5.00000	0.00000	-26.713	-0.50000	0.0	0.0	0.0
	37.00000	5.00000	0.00000	-24.176	-0.50000	0.0	0.0	0.0
	38.00000	5.00000	0.00000	-19.260	-0.50000	0.0	0.0	0.0
	39.00000	5.00000	0.00000	-14.340	-0.50000	0.0	0.0	0.0
	40.00000	5.00000	0.00000	-11.793	-0.50000	0.0	0.0	0.0
	41.00000	5.00000	0.00000	-9.9578	-0.50000	0.0	0.0	0.0
	42.00000	5.00000	0.00000	-8.5421	-0.50000	0.0	0.0	0.0
	43.00000	5.00000	0.00000	-7.4046	-0.50000	0.0	0.0	0.0
	44.00000	5.00000	0.00000	-6.4654	-0.50000	0.0	0.0	0.0
	45.00000	5.00000	0.00000	-5.6746	-0.50000	0.0	0.0	0.0
	46.00000	5.00000	0.00000	-4.9987	-0.50000	0.0	0.0	0.0
	47.00000	5.00000	0.00000	-4.4143	-0.50000	0.0	0.0	0.0
	48.00000	5.00000	0.00000	-3.9043	-0.50000	0.0	0.0	0.0
	49.00000	5.00000	0.00000	-3.4558	-0.50000	0.0	0.0	0.0
	50.00000	5.00000	0.00000	-3.0591	-0.50000	0.0	0.0	0.0
	51.00000	5.00000	0.00000	-2.7064	-0.50000	0.0	0.0	0.0
	52.00000	5.00000	0.00000	-2.3914	-0.50000	0.0	0.0	0.0
	53.00000	5.00000	0.00000	-2.1092	-0.50000	0.0	0.0	0.0
	54.00000	5.00000	0.00000	-1.8556	-0.50000	0.0	0.0	0.0
	55.00000	5.00000	0.00000	-1.6271	-0.50000	0.0	0.0	0.0
	56.00000	5.00000	0.00000	-1.4209	-0.50000	0.0	0.0	0.0
	57.00000	5.00000	0.00000	-1.2343	-0.50000	0.0	0.0	0.0
	58.00000	5.00000	0.00000	-1.0654	-0.50000	0.0	0.0	0.0
	59.00000	5.00000	0.00000	-0.91215	-0.50000	0.0	0.0	0.0
	60.00000	5.00000	0.00000	-0.77310	-0.50000	0.0	0.0	0.0
	-20.00000	6.00000	0.00000	-0.85431	-0.50000	0.0	0.0	0.0
	-19.00000	6.00000	0.00000	-1.0021	-0.50000	0.0	0.0	0.0
	-18.00000	6.00000	0.00000	-1.1650	-0.50000	0.0	0.0	0.0
	-17.00000	6.00000	0.00000	-1.3447	-0.50000	0.0	0.0	0.0
	-16.00000	6.00000	0.00000	-1.5432	-0.50000	0.0	0.0	0.0
	-15.00000	6.00000	0.00000	-1.7628	-0.50000	0.0	0.0	0.0
	-14.00000	6.00000	0.00000	-2.0061	-0.50000	0.0	0.0	0.0
	-13.00000	6.00000	0.00000	-2.2762	-0.50000	0.0	0.0	0.0
	-12.00000	6.00000	0.00000	-2.5768	-0.50000	0.0	0.0	0.0
	-11.00000	6.00000	0.00000	-2.9121	-0.50000	0.0	0.0	0.0
	-10.00000	6.00000	0.00000	-3.2875	-0.50000	0.0	0.0	0.0
	-9.00000	6.00000	0.00000	-3.7095	-0.50000	0.0	0.0	0.0
	-8.00000	6.00000	0.00000	-4.1859	-0.50000	0.0	0.0	0.0
	-7.00000	6.00000	0.00000	-4.7270	-0.50000	0.0	0.0	0.0
	-6.00000	6.00000	0.00000	-5.3458	-0.50000	0.0	0.0	0.0
	-5.00000	6.00000	0.00000	-6.0599	-0.50000	0.0	0.0	0.0
	-4.00000	6.00000	0.00000	-6.8929	-0.50000	0.0	0.0	0.0
	-3.00000	6.00000	0.00000	-7.8788	-0.50000	0.0	0.0	0.0
	-2.00000	6.00000	0.00000	-9.0679	-0.50000	0.0	0.0	0.0
	-1.00000	6.00000	0.00000	-10.540	-0.50000	0.0	0.0	0.0
	0.00000	6.00000	0.00000	-12.436	-0.50000	0.0	0.0	0.0
	1.00000	6.00000	0.00000	-15.047	-0.50000	0.0	0.0	0.0
	2.00000	6.00000	0.00000	-20.031	-0.50000	0.0	0.0	0.0
	3.00000	6.00000	0.00000	-25.008	-0.50000	0.0	0.0	0.0
	4.00000	6.00000	0.00000	-27.600	-0.50000	0.0	0.0	0.0
	5.00000	6.00000	0.00000	-29.464	-0.50000	0.0	0.0	0.0
	6.00000	6.00000	0.00000	-30.893	-0.50000	0.0	0.0	0.0
	7.00000	6.00000	0.00000	-32.028	-0.50000	0.0	0.0	0.0
	8.00000	6.00000	0.00000	-32.950	-0.50000	0.0	0.0	0.0
	9.00000	6.00000	0.00000	-33.709	-0.50000	0.0	0.0	0.0
	10.00000	6.00000	0.00000	-34.341	-0.50000	0.0	0.0	0.0
	11.00000	6.00000	0.00000	-34.868	-0.50000	0.0	0.0	0.0
	12.00000	6.00000	0.00000	-35.308	-0.50000	0.0	0.0	0.0
	13.00000	6.00000	0.00000	-35.675	-0.50000	0.0	0.0	0.0
	14.00000	6.00000	0.00000	-35.977	-0.50000	0.0	0.0	0.0
	15.00000	6.00000	0.00000	-36.222	-0.50000	0.0	0.0	0.0
	16.00000	6.00000	0.00000	-36.416	-0.50000	0.0	0.0	0.0
	17.00000	6.00000	0.00000	-36.562	-0.50000	0.0	0.0	0.0
	18.00000	6.00000	0.00000	-36.664	-0.50000	0.0	0.0	0.0
	19.00000	6.00000	0.00000	-36.723	-0.50000	0.0	0.0	0.0
	20.00000	6.00000	0.00000	-36.741	-0.50000	0.0	0.0	0.0
	21.00000	6.00000	0.00000	-36.717	-0.50000	0.0	0.0	0.0
	22.00000	6.00000	0.00000	-36.652	-0.50000	0.0	0.0	0.0
	23.00000	6.00000	0.00000	-36.543	-0.50000	0.0	0.0	0.0
	24.00000	6.00000	0.00000	-36.389	-0.50000	0.0	0.0	0.0
	25.00000	6.00000	0.00000	-36.187	-0.50000	0.0	0.0	0.0
	26.00000	6.00000	0.00000	-35.933	-0.50000	0.0	0.0	0.0
	27.00000	6.00000	0.00000	-35.621	-0.50000	0.0	0.0	0.0
	28.00000	6.00000	0.00000	-35.243	-0.50000	0.0	0.0	0.0
	29.00000	6.00000	0.00000	-34.791	-0.50000	0.0	0.0	0.0
	30.00000	6.00000	0.00000	-34.251	-0.50000	0.0	0.0	0.0
	31.00000	6.00000	0.00000	-33.606	-0.50000	0.0	0.0	0.0
	32.00000	6.00000	0.00000	-32.832	-0.50000	0.0	0.0	0.0
	33.00000	6.00000	0.00000	-31.896	-0.50000	0.0	0.0	0.0
	34.00000	6.00000	0.00000	-30.747	-0.50000	0.0	0.0	0.0
	35.00000	6.00000	0.00000	-29.305	-0.50000	0.0	0.0	0.0
	36.00000	6.00000	0.00000	-27.429	-0.50000	0.0	0.0	0.0
	37.00000	6.00000	0.00000	-24.827	-0.50000	0.0	0.0	0.0
	38.00000	6.00000	0.00000	-19.842	-0.50000	0.0	0.0	0.0
	39.00000	6.00000	0.00000	-14.853	-0.50000	0.0	0.0	0.0
	40.00000	6.00000	0.00000	-12.240	-0.50000	0.0	0.0	0.0
	41.00000	6.00000	0.00000	-10.346	-0.50000	0.0	0.0	0.0
	42.00000	6.00000	0.00000	-8.8769	-0.50000	0.0	0.0	0.0
	43.00000	6.00000	0.00000	-7.6937	-0.50000	0.0	0.0	0.0
	44.00000	6.00000	0.00000	-6.7153	-0.50000	0.0	0.0	0.0
	45.00000	6.00000	0.00000	-5.8911	-0.50000	0.0	0.0	0.0
	46.00000	6.00000	0.00000	-5.1868	-0.50000	0.0	0.0	0.0
	47.00000	6.00000	0.00000	-4.5781	-0.50000	0.0	0.0	0.0
	48.00000	6.00000	0.00000	-4.0473	-0.50000	0.0	0.0	0.0
	49.00000	6.00000	0.00000	-3.5811	-0.50000	0.0	0.0	0.0
	50.00000	6.00000	0.00000	-3.1690	-0.50000	0.0	0.0	0.0
	51.00000	6.00000	0.00000	-2.8031	-0.50000	0.0	0.0	0.0
	52.00000	6.00000	0.00000	-2.4766	-0.50000	0.0	0.0	0.0
	53.00000	6.00000	0.00000	-2.1845	-0.50000	0.0	0.0	0.0
	54.00000	6.00000	0.00000	-1.9222	-0.50000	0.0	0.0	0.0
	55.00000	6.00000	0.00000	-1.6861	-0.50000	0.0	0.0	0.0
	56.00000	6.00000	0.00000	-1.4732	-0.50000	0.0	0.0	0.0
	57.00000	6.00000	0.00000	-1.2808	-0.50000	0.0	0.0	0.0
	58.00000	6.00000	0.00000	-1.1066	-0.50000	0.0	0.0	0.0
	59.00000	6.00000	0.00000	-0.94889	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	60.00000	6.00000	0.00000	-0.80582	-0.50000	0.0	0.0	0.0
	-20.00000	7.00000	0.00000	-0.88708	-0.50000	0.0	0.0	0.0
	-19.00000	7.00000	0.00000	-1.0390	-0.50000	0.0	0.0	0.0
	-18.00000	7.00000	0.00000	-1.2066	-0.50000	0.0	0.0	0.0
	-17.00000	7.00000	0.00000	-1.3917	-0.50000	0.0	0.0	0.0
	-16.00000	7.00000	0.00000	-1.5963	-0.50000	0.0	0.0	0.0
	-15.00000	7.00000	0.00000	-1.8229	-0.50000	0.0	0.0	0.0
	-14.00000	7.00000	0.00000	-2.0742	-0.50000	0.0	0.0	0.0
	-13.00000	7.00000	0.00000	-2.3534	-0.50000	0.0	0.0	0.0
	-12.00000	7.00000	0.00000	-2.6645	-0.50000	0.0	0.0	0.0
	-11.00000	7.00000	0.00000	-3.0118	-0.50000	0.0	0.0	0.0
	-10.00000	7.00000	0.00000	-3.4011	-0.50000	0.0	0.0	0.0
	-9.00000	7.00000	0.00000	-3.8389	-0.50000	0.0	0.0	0.0
	-8.00000	7.00000	0.00000	-4.3335	-0.50000	0.0	0.0	0.0
	-7.00000	7.00000	0.00000	-4.8956	-0.50000	0.0	0.0	0.0
	-6.00000	7.00000	0.00000	-5.5386	-0.50000	0.0	0.0	0.0
	-5.00000	7.00000	0.00000	-6.2803	-0.50000	0.0	0.0	0.0
	-4.00000	7.00000	0.00000	-7.1448	-0.50000	0.0	0.0	0.0
	-3.00000	7.00000	0.00000	-8.1663	-0.50000	0.0	0.0	0.0
	-2.00000	7.00000	0.00000	-9.3953	-0.50000	0.0	0.0	0.0
	-1.00000	7.00000	0.00000	-10.911	-0.50000	0.0	0.0	0.0
	0.00000	7.00000	0.00000	-12.855	-0.50000	0.0	0.0	0.0
	1.00000	7.00000	0.00000	-15.516	-0.50000	0.0	0.0	0.0
	2.00000	7.00000	0.00000	-20.551	-0.50000	0.0	0.0	0.0
	3.00000	7.00000	0.00000	-25.578	-0.50000	0.0	0.0	0.0
	4.00000	7.00000	0.00000	-28.217	-0.50000	0.0	0.0	0.0
	5.00000	7.00000	0.00000	-30.124	-0.50000	0.0	0.0	0.0
	6.00000	7.00000	0.00000	-31.591	-0.50000	0.0	0.0	0.0
	7.00000	7.00000	0.00000	-32.759	-0.50000	0.0	0.0	0.0
	8.00000	7.00000	0.00000	-33.709	-0.50000	0.0	0.0	0.0
	9.00000	7.00000	0.00000	-34.492	-0.50000	0.0	0.0	0.0
	10.00000	7.00000	0.00000	-35.144	-0.50000	0.0	0.0	0.0
	11.00000	7.00000	0.00000	-35.688	-0.50000	0.0	0.0	0.0
	12.00000	7.00000	0.00000	-36.142	-0.50000	0.0	0.0	0.0
	13.00000	7.00000	0.00000	-36.520	-0.50000	0.0	0.0	0.0
	14.00000	7.00000	0.00000	-36.832	-0.50000	0.0	0.0	0.0
	15.00000	7.00000	0.00000	-37.085	-0.50000	0.0	0.0	0.0
	16.00000	7.00000	0.00000	-37.285	-0.50000	0.0	0.0	0.0
	17.00000	7.00000	0.00000	-37.436	-0.50000	0.0	0.0	0.0
	18.00000	7.00000	0.00000	-37.542	-0.50000	0.0	0.0	0.0
	19.00000	7.00000	0.00000	-37.603	-0.50000	0.0	0.0	0.0
	20.00000	7.00000	0.00000	-37.621	-0.50000	0.0	0.0	0.0
	21.00000	7.00000	0.00000	-37.596	-0.50000	0.0	0.0	0.0
	22.00000	7.00000	0.00000	-37.529	-0.50000	0.0	0.0	0.0
	23.00000	7.00000	0.00000	-37.417	-0.50000	0.0	0.0	0.0
	24.00000	7.00000	0.00000	-37.258	-0.50000	0.0	0.0	0.0
	25.00000	7.00000	0.00000	-37.049	-0.50000	0.0	0.0	0.0
	26.00000	7.00000	0.00000	-36.786	-0.50000	0.0	0.0	0.0
	27.00000	7.00000	0.00000	-36.463	-0.50000	0.0	0.0	0.0
	28.00000	7.00000	0.00000	-36.072	-0.50000	0.0	0.0	0.0
	29.00000	7.00000	0.00000	-35.603	-0.50000	0.0	0.0	0.0
	30.00000	7.00000	0.00000	-35.044	-0.50000	0.0	0.0	0.0
	31.00000	7.00000	0.00000	-34.376	-0.50000	0.0	0.0	0.0
	32.00000	7.00000	0.00000	-33.576	-0.50000	0.0	0.0	0.0
	33.00000	7.00000	0.00000	-32.608	-0.50000	0.0	0.0	0.0
	34.00000	7.00000	0.00000	-31.423	-0.50000	0.0	0.0	0.0
	35.00000	7.00000	0.00000	-29.939	-0.50000	0.0	0.0	0.0
	36.00000	7.00000	0.00000	-28.017	-0.50000	0.0	0.0	0.0
	37.00000	7.00000	0.00000	-25.365	-0.50000	0.0	0.0	0.0
	38.00000	7.00000	0.00000	-20.328	-0.50000	0.0	0.0	0.0
	39.00000	7.00000	0.00000	-15.287	-0.50000	0.0	0.0	0.0
	40.00000	7.00000	0.00000	-12.624	-0.50000	0.0	0.0	0.0
	41.00000	7.00000	0.00000	-10.682	-0.50000	0.0	0.0	0.0
	42.00000	7.00000	0.00000	-9.1714	-0.50000	0.0	0.0	0.0
	43.00000	7.00000	0.00000	-7.9506	-0.50000	0.0	0.0	0.0
	44.00000	7.00000	0.00000	-6.9393	-0.50000	0.0	0.0	0.0
	45.00000	7.00000	0.00000	-6.0865	-0.50000	0.0	0.0	0.0
	46.00000	7.00000	0.00000	-5.3574	-0.50000	0.0	0.0	0.0
	47.00000	7.00000	0.00000	-4.7273	-0.50000	0.0	0.0	0.0
	48.00000	7.00000	0.00000	-4.1781	-0.50000	0.0	0.0	0.0
	49.00000	7.00000	0.00000	-3.6959	-0.50000	0.0	0.0	0.0
	50.00000	7.00000	0.00000	-3.2700	-0.50000	0.0	0.0	0.0
	51.00000	7.00000	0.00000	-2.8920	-0.50000	0.0	0.0	0.0
	52.00000	7.00000	0.00000	-2.5552	-0.50000	0.0	0.0	0.0
	53.00000	7.00000	0.00000	-2.2539	-0.50000	0.0	0.0	0.0
	54.00000	7.00000	0.00000	-1.9836	-0.50000	0.0	0.0	0.0
	55.00000	7.00000	0.00000	-1.7405	-0.50000	0.0	0.0	0.0
	56.00000	7.00000	0.00000	-1.5214	-0.50000	0.0	0.0	0.0
	57.00000	7.00000	0.00000	-1.3236	-0.50000	0.0	0.0	0.0
	58.00000	7.00000	0.00000	-1.1448	-0.50000	0.0	0.0	0.0
	59.00000	7.00000	0.00000	-0.98281	-0.50000	0.0	0.0	0.0
	60.00000	7.00000	0.00000	-0.83602	-0.50000	0.0	0.0	0.0
	-20.00000	8.00000	0.00000	-0.91709	-0.50000	0.0	0.0	0.0
	-19.00000	8.00000	0.00000	-1.0729	-0.50000	0.0	0.0	0.0
	-18.00000	8.00000	0.00000	-1.2448	-0.50000	0.0	0.0	0.0
	-17.00000	8.00000	0.00000	-1.4349	-0.50000	0.0	0.0	0.0
	-16.00000	8.00000	0.00000	-1.6452	-0.50000	0.0	0.0	0.0
	-15.00000	8.00000	0.00000	-1.8783	-0.50000	0.0	0.0	0.0
	-14.00000	8.00000	0.00000	-2.1370	-0.50000	0.0	0.0	0.0
	-13.00000	8.00000	0.00000	-2.4247	-0.50000	0.0	0.0	0.0
	-12.00000	8.00000	0.00000	-2.7455	-0.50000	0.0	0.0	0.0
	-11.00000	8.00000	0.00000	-3.1041	-0.50000	0.0	0.0	0.0
	-10.00000	8.00000	0.00000	-3.5061	-0.50000	0.0	0.0	0.0
	-9.00000	8.00000	0.00000	-3.9587	-0.50000	0.0	0.0	0.0
	-8.00000	8.00000	0.00000	-4.4703	-0.50000	0.0	0.0	0.0
	-7.00000	8.00000	0.00000	-5.0518	-0.50000	0.0	0.0	0.0
	-6.00000	8.00000	0.00000	-5.7169	-0.50000	0.0	0.0	0.0
	-5.00000	8.00000	0.00000	-6.4836	-0.50000	0.0	0.0	0.0
	-4.00000	8.00000	0.00000	-7.3763	-0.50000	0.0	0.0	0.0
	-3.00000	8.00000	0.00000	-8.4291	-0.50000	0.0	0.0	0.0
	-2.00000	8.00000	0.00000	-9.6922	-0.50000	0.0	0.0	0.0
	-1.00000	8.00000	0.00000	-11.245	-0.50000	0.0	0.0	0.0
	0.00000	8.00000	0.00000	-13.227	-0.50000	0.0	0.0	0.0
	1.00000	8.00000	0.00000	-15.927	-0.50000	0.0	0.0	0.0
	2.00000	8.00000	0.00000	-21.001	-0.50000	0.0	0.0	0.0
	3.00000	8.00000	0.00000	-26.065	-0.50000	0.0	0.0	0.0
	4.00000	8.00000	0.00000	-28.739	-0.50000	0.0	0.0	0.0
	5.00000	8.00000	0.00000	-30.678	-0.50000	0.0	0.0	0.0
	6.00000	8.00000	0.00000	-32.173	-0.50000	0.0	0.0	0.0
	7.00000	8.00000	0.00000	-33.366	-0.50000	0.0	0.0	0.0
	8.00000	8.00000	0.00000	-34.337	-0.50000	0.0	0.0	0.0
	9.00000	8.00000	0.00000	-35.139	-0.50000	0.0	0.0	0.0
	10.00000	8.00000	0.00000	-35.806	-0.50000	0.0	0.0	0.0
	11.00000	8.00000	0.00000	-36.364	-0.50000	0.0	0.0	0.0
	12.00000	8.00000	0.00000	-36.830	-0.50000	0.0	0.0	0.0
	13.00000	8.00000	0.00000	-37.217	-0.50000	0.0	0.0	0.0
	14.00000	8.00000	0.00000	-37.537	-0.50000	0.0	0.0	0.0
	15.00000	8.00000	0.00000	-37.797	-0.50000	0.0	0.0	0.0
	16.00000	8.00000	0.00000	-38.002	-0.50000	0.0	0.0	0.0
	17.00000	8.00000	0.00000	-38.157	-0.50000	0.0	0.0	0.0
	18.00000	8.00000	0.00000	-38.265	-0.50000	0.0	0.0	0.0
	19.00000	8.00000	0.00000	-38.328	-0.50000	0.0	0.0	0.0
	20.00000	8.00000	0.00000	-38.347	-0.50000	0.0	0.0	0.0
	21.00000	8.00000	0.00000	-38.322	-0.50000	0.0	0.0	0.0
	22.00000	8.00000	0.00000	-38.253	-0.50000	0.0	0.0	0.0
	23.00000	8.00000	0.00000	-38.138	-0.50000	0.0	0.0	0.0
	24.00000	8.00000	0.00000	-37.974	-0.50000	0.0	0.0	0.0
	25.00000	8.00000	0.00000	-37.760	-0.50000	0.0	0.0	0.0
	26.00000	8.00000	0.00000	-37.489	-0.50000	0.0	0.0	0.0
	27.00000	8.00000	0.00000	-37.156	-0.50000	0.0	0.0	0.0
	28.00000	8.00000	0.00000	-36.754	-0.50000	0.0	0.0	0.0
	29.00000	8.00000	0.00000	-36.272	-0.50000	0.0	0.0	0.0
	30.00000	8.00000	0.00000	-35.696	-0.50000	0.0	0.0	0.0
	31.00000	8.00000	0.00000	-35.009	-0.50000	0.0	0.0	0.0
	32.00000	8.00000	0.00000	-34.185	-0.50000	0.0	0.0	0.0
	33.00000	8.00000	0.00000	-33.192	-0.50000	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	39.00000	8.00000	0.00000	-15.653	-0.50000	0.0	0.0	0.0
	40.00000	8.00000	0.00000	-12.951	-0.50000	0.0	0.0	0.0
	41.00000	8.00000	0.00000	-10.972	-0.50000	0.0	0.0	0.0
	42.00000	8.00000	0.00000	-9.4275	-0.50000	0.0	0.0	0.0
	43.00000	8.00000	0.00000	-8.1759	-0.50000	0.0	0.0	0.0
	44.00000	8.00000	0.00000	-7.1373	-0.50000	0.0	0.0	0.0
	45.00000	8.00000	0.00000	-6.2603	-0.50000	0.0	0.0	0.0
	46.00000	8.00000	0.00000	-5.5100	-0.50000	0.0	0.0	0.0
	47.00000	8.00000	0.00000	-4.8614	-0.50000	0.0	0.0	0.0
	48.00000	8.00000	0.00000	-4.2959	-0.50000	0.0	0.0	0.0
	49.00000	8.00000	0.00000	-3.7996	-0.50000	0.0	0.0	0.0
	50.00000	8.00000	0.00000	-3.3614	-0.50000	0.0	0.0	0.0
	51.00000	8.00000	0.00000	-2.9727	-0.50000	0.0	0.0	0.0
	52.00000	8.00000	0.00000	-2.6264	-0.50000	0.0	0.0	0.0
	53.00000	8.00000	0.00000	-2.3169	-0.50000	0.0	0.0	0.0
	54.00000	8.00000	0.00000	-2.0394	-0.50000	0.0	0.0	0.0
	55.00000	8.00000	0.00000	-1.7900	-0.50000	0.0	0.0	0.0
	56.00000	8.00000	0.00000	-1.5654	-0.50000	0.0	0.0	0.0
	57.00000	8.00000	0.00000	-1.3627	-0.50000	0.0	0.0	0.0
	58.00000	8.00000	0.00000	-1.1795	-0.50000	0.0	0.0	0.0
	59.00000	8.00000	0.00000	-1.0137	-0.50000	0.0	0.0	0.0
	60.00000	8.00000	0.00000	-0.86350	-0.50000	0.0	0.0	0.0
	-20.00000	9.00000	0.00000	-0.94413	-0.50000	0.0	0.0	0.0
	-19.00000	9.00000	0.00000	-1.1034	-0.50000	0.0	0.0	0.0
	-18.00000	9.00000	0.00000	-1.2794	-0.50000	0.0	0.0	0.0
	-17.00000	9.00000	0.00000	-1.4740	-0.50000	0.0	0.0	0.0
	-16.00000	9.00000	0.00000	-1.6895	-0.50000	0.0	0.0	0.0
	-15.00000	9.00000	0.00000	-1.9285	-0.50000	0.0	0.0	0.0
	-14.00000	9.00000	0.00000	-2.1940	-0.50000	0.0	0.0	0.0
	-13.00000	9.00000	0.00000	-2.4896	-0.50000	0.0	0.0	0.0
	-12.00000	9.00000	0.00000	-2.8194	-0.50000	0.0	0.0	0.0
	-11.00000	9.00000	0.00000	-3.1883	-0.50000	0.0	0.0	0.0
	-10.00000	9.00000	0.00000	-3.6023	-0.50000	0.0	0.0	0.0
	-9.00000	9.00000	0.00000	-4.0685	-0.50000	0.0	0.0	0.0
	-8.00000	9.00000	0.00000	-4.5959	-0.50000	0.0	0.0	0.0
	-7.00000	9.00000	0.00000	-5.1953	-0.50000	0.0	0.0	0.0
	-6.00000	9.00000	0.00000	-5.8809	-0.50000	0.0	0.0	0.0
	-5.00000	9.00000	0.00000	-6.6707	-0.50000	0.0	0.0	0.0
	-4.00000	9.00000	0.00000	-7.5891	-0.50000	0.0	0.0	0.0
	-3.00000	9.00000	0.00000	-8.6700	-0.50000	0.0	0.0	0.0
	-2.00000	9.00000	0.00000	-9.9633	-0.50000	0.0	0.0	0.0
	-1.00000	9.00000	0.00000	-11.547	-0.50000	0.0	0.0	0.0
	0.00000	9.00000	0.00000	-13.561	-0.50000	0.0	0.0	0.0
	1.00000	9.00000	0.00000	-16.292	-0.50000	0.0	0.0	0.0
	2.00000	9.00000	0.00000	-21.395	-0.50000	0.0	0.0	0.0
	3.00000	9.00000	0.00000	-26.486	-0.50000	0.0	0.0	0.0
	4.00000	9.00000	0.00000	-29.185	-0.50000	0.0	0.0	0.0
	5.00000	9.00000	0.00000	-31.145	-0.50000	0.0	0.0	0.0
	6.00000	9.00000	0.00000	-32.660	-0.50000	0.0	0.0	0.0
	7.00000	9.00000	0.00000	-33.870	-0.50000	0.0	0.0	0.0
	8.00000	9.00000	0.00000	-34.857	-0.50000	0.0	0.0	0.0
	9.00000	9.00000	0.00000	-35.672	-0.50000	0.0	0.0	0.0
	10.00000	9.00000	0.00000	-36.351	-0.50000	0.0	0.0	0.0
	11.00000	9.00000	0.00000	-36.919	-0.50000	0.0	0.0	0.0
	12.00000	9.00000	0.00000	-37.394	-0.50000	0.0	0.0	0.0
	13.00000	9.00000	0.00000	-37.789	-0.50000	0.0	0.0	0.0
	14.00000	9.00000	0.00000	-38.116	-0.50000	0.0	0.0	0.0
	15.00000	9.00000	0.00000	-38.381	-0.50000	0.0	0.0	0.0
	16.00000	9.00000	0.00000	-38.591	-0.50000	0.0	0.0	0.0
	17.00000	9.00000	0.00000	-38.749	-0.50000	0.0	0.0	0.0
	18.00000	9.00000	0.00000	-38.860	-0.50000	0.0	0.0	0.0
	19.00000	9.00000	0.00000	-38.924	-0.50000	0.0	0.0	0.0
	20.00000	9.00000	0.00000	-38.943	-0.50000	0.0	0.0	0.0
	21.00000	9.00000	0.00000	-38.918	-0.50000	0.0	0.0	0.0
	22.00000	9.00000	0.00000	-38.847	-0.50000	0.0	0.0	0.0
	23.00000	9.00000	0.00000	-38.730	-0.50000	0.0	0.0	0.0
	24.00000	9.00000	0.00000	-38.563	-0.50000	0.0	0.0	0.0
	25.00000	9.00000	0.00000	-38.343	-0.50000	0.0	0.0	0.0
	26.00000	9.00000	0.00000	-38.066	-0.50000	0.0	0.0	0.0
	27.00000	9.00000	0.00000	-37.726	-0.50000	0.0	0.0	0.0
	28.00000	9.00000	0.00000	-37.314	-0.50000	0.0	0.0	0.0
	29.00000	9.00000	0.00000	-36.820	-0.50000	0.0	0.0	0.0
	30.00000	9.00000	0.00000	-36.230	-0.50000	0.0	0.0	0.0
	31.00000	9.00000	0.00000	-35.527	-0.50000	0.0	0.0	0.0
	32.00000	9.00000	0.00000	-34.685	-0.50000	0.0	0.0	0.0
	33.00000	9.00000	0.00000	-33.670	-0.50000	0.0	0.0	0.0
	34.00000	9.00000	0.00000	-32.431	-0.50000	0.0	0.0	0.0
	35.00000	9.00000	0.00000	-30.888	-0.50000	0.0	0.0	0.0
	36.00000	9.00000	0.00000	-28.901	-0.50000	0.0	0.0	0.0
	37.00000	9.00000	0.00000	-26.180	-0.50000	0.0	0.0	0.0
	38.00000	9.00000	0.00000	-21.072	-0.50000	0.0	0.0	0.0
	39.00000	9.00000	0.00000	-15.960	-0.50000	0.0	0.0	0.0
	40.00000	9.00000	0.00000	-13.227	-0.50000	0.0	0.0	0.0
	41.00000	9.00000	0.00000	-11.219	-0.50000	0.0	0.0	0.0
	42.00000	9.00000	0.00000	-9.6473	-0.50000	0.0	0.0	0.0
	43.00000	9.00000	0.00000	-8.3708	-0.50000	0.0	0.0	0.0
	44.00000	9.00000	0.00000	-7.3096	-0.50000	0.0	0.0	0.0
	45.00000	9.00000	0.00000	-6.4124	-0.50000	0.0	0.0	0.0
	46.00000	9.00000	0.00000	-5.6442	-0.50000	0.0	0.0	0.0
	47.00000	9.00000	0.00000	-4.9797	-0.50000	0.0	0.0	0.0
	48.00000	9.00000	0.00000	-4.4003	-0.50000	0.0	0.0	0.0
	49.00000	9.00000	0.00000	-3.8917	-0.50000	0.0	0.0	0.0
	50.00000	9.00000	0.00000	-3.4427	-0.50000	0.0	0.0	0.0
	51.00000	9.00000	0.00000	-3.0445	-0.50000	0.0	0.0	0.0
	52.00000	9.00000	0.00000	-2.6900	-0.50000	0.0	0.0	0.0
	53.00000	9.00000	0.00000	-2.3732	-0.50000	0.0	0.0	0.0
	54.00000	9.00000	0.00000	-2.0893	-0.50000	0.0	0.0	0.0
	55.00000	9.00000	0.00000	-1.8342	-0.50000	0.0	0.0	0.0
	56.00000	9.00000	0.00000	-1.6046	-0.50000	0.0	0.0	0.0
	57.00000	9.00000	0.00000	-1.3976	-0.50000	0.0	0.0	0.0
	58.00000	9.00000	0.00000	-1.2105	-0.50000	0.0	0.0	0.0
	59.00000	9.00000	0.00000	-1.0413	-0.50000	0.0	0.0	0.0
	60.00000	9.00000	0.00000	-0.88810	-0.50000	0.0	0.0	0.0
	-20.00000	10.00000	0.00000	-0.96799	-0.50000	0.0	0.0	0.0
	-19.00000	10.00000	0.00000	-1.1304	-0.50000	0.0	0.0	0.0
	-18.00000	10.00000	0.00000	-1.3099	-0.50000	0.0	0.0	0.0
	-17.00000	10.00000	0.00000	-1.5086	-0.50000	0.0	0.0	0.0
	-16.00000	10.00000	0.00000	-1.7288	-0.50000	0.0	0.0	0.0
	-15.00000	10.00000	0.00000	-1.9732	-0.50000	0.0	0.0	0.0
	-14.00000	10.00000	0.00000	-2.2449	-0.50000	0.0	0.0	0.0
	-13.00000	10.00000	0.00000	-2.5476	-0.50000	0.0	0.0	0.0
	-12.00000	10.00000	0.00000	-2.8856	-0.50000	0.0	0.0	0.0
	-11.00000	10.00000	0.00000	-3.2640	-0.50000	0.0	0.0	0.0
	-10.00000	10.00000	0.00000	-3.6889	-0.50000	0.0	0.0	0.0
	-9.00000	10.00000	0.00000	-4.1679	-0.50000	0.0	0.0	0.0
	-8.00000	10.00000	0.00000	-4.7098	-0.50000	0.0	0.0	0.0
	-7.00000	10.00000	0.00000	-5.3261	-0.50000	0.0	0.0	0.0
	-6.00000	10.00000	0.00000	-6.0309	-0.50000	0.0	0.0	0.0
	-5.00000	10.00000	0.00000	-6.8425	-0.50000	0.0	0.0	0.0
	-4.00000	10.00000	0.00000	-7.7852	-0.50000	0.0	0.0	0.0
	-3.00000	10.00000	0.00000	-8.8927	-0.50000	0.0	0.0	0.0
	-2.00000	10.00000	0.00000	-10.214	-0.50000	0.0	0.0	0.0
	-1.00000	10.00000	0.00000	-11.827	-0.50000	0.0	0.0	0.0
	0.00000	10.00000	0.00000	-13.867	-0.50000	0.0	0.0	0.0
	1.00000	10.00000	0.00000	-16.624	-0.50000	0.0	0.0	0.0
	2.00000	10.00000	0.00000	-21.748	-0.50000	0.0	0.0	0.0
	3.00000	10.00000	0.00000	-26.857	-0.50000	0.0	0.0	0.0
	4.00000	10.00000	0.00000	-29.571	-0.50000	0.0	0.0	0.0
	5.00000	10.00000	0.00000	-31.544	-0.50000	0.0	0.0	0.0
	6.00000	10.00000	0.00000	-33.070	-0.50000	0.0	0.0	0.0
	7.00000	10.00000	0.00000	-34.290	-0.50000	0.0	0.0	0.0
	8.00000	10.00000	0.00000	-35.286	-0.50000	0.0	0.0	0.0
	9.00000	10.00000	0.00000	-36.110	-0.50000	0.0	0.0	0.0
	10.00000	10.00000	0.00000	-36.796	-0.50000	0.0	0.0	0.0
	11.00000	10.00000	0.00000	-37.371	-0.50000	0.0	0.0	0.0
	12.00000	10.00000	0.00000	-37.852	-0.50000	0.0	0.0	0.0
	13.00000	10.00000	0.00000	-38.253	-0.50000	0.0	0.0	0.0
	14.00000	10.00000	0.00000	-38.585	-0.50000	0.0	0.0	0.0
	15.00000	10.00000	0.00000	-38.854	-0.50000	0.0	0.0	0.0
	16.00000	10.00000	0.00000	-39.067	-0.50000	0.0	0.0	0.0
	17.00000	10.00000	0.00000	-39.228	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	18.00000	10.00000	0.00000	-39.341	-0.50000	0.0	0.0	0.0
	19.00000	10.00000	0.00000	-39.407	-0.50000	0.0	0.0	0.0
	20.00000	10.00000	0.00000	-39.427	-0.50000	0.0	0.0	0.0
	21.00000	10.00000	0.00000	-39.402	-0.50000	0.0	0.0	0.0
	22.00000	10.00000	0.00000	-39.330	-0.50000	0.0	0.0	0.0
	23.00000	10.00000	0.00000	-39.211	-0.50000	0.0	0.0	0.0
	24.00000	10.00000	0.00000	-39.041	-0.50000	0.0	0.0	0.0
	25.00000	10.00000	0.00000	-38.818	-0.50000	0.0	0.0	0.0
	26.00000	10.00000	0.00000	-38.536	-0.50000	0.0	0.0	0.0
	27.00000	10.00000	0.00000	-38.189	-0.50000	0.0	0.0	0.0
	28.00000	10.00000	0.00000	-37.769	-0.50000	0.0	0.0	0.0
	29.00000	10.00000	0.00000	-37.265	-0.50000	0.0	0.0	0.0
	30.00000	10.00000	0.00000	-36.664	-0.50000	0.0	0.0	0.0
	31.00000	10.00000	0.00000	-35.948	-0.50000	0.0	0.0	0.0
	32.00000	10.00000	0.00000	-35.091	-0.50000	0.0	0.0	0.0
	33.00000	10.00000	0.00000	-34.059	-0.50000	0.0	0.0	0.0
	34.00000	10.00000	0.00000	-32.801	-0.50000	0.0	0.0	0.0
	35.00000	10.00000	0.00000	-31.237	-0.50000	0.0	0.0	0.0
	36.00000	10.00000	0.00000	-29.227	-0.50000	0.0	0.0	0.0
	37.00000	10.00000	0.00000	-26.483	-0.50000	0.0	0.0	0.0
	38.00000	10.00000	0.00000	-21.351	-0.50000	0.0	0.0	0.0
	39.00000	10.00000	0.00000	-16.214	-0.50000	0.0	0.0	0.0
	40.00000	10.00000	0.00000	-13.457	-0.50000	0.0	0.0	0.0
	41.00000	10.00000	0.00000	-11.427	-0.50000	0.0	0.0	0.0
	42.00000	10.00000	0.00000	-9.8330	-0.50000	0.0	0.0	0.0
	43.00000	10.00000	0.00000	-8.5364	-0.50000	0.0	0.0	0.0
	44.00000	10.00000	0.00000	-7.4567	-0.50000	0.0	0.0	0.0
	45.00000	10.00000	0.00000	-6.5429	-0.50000	0.0	0.0	0.0
	46.00000	10.00000	0.00000	-5.7597	-0.50000	0.0	0.0	0.0
	47.00000	10.00000	0.00000	-5.0819	-0.50000	0.0	0.0	0.0
	48.00000	10.00000	0.00000	-4.4907	-0.50000	0.0	0.0	0.0
	49.00000	10.00000	0.00000	-3.9717	-0.50000	0.0	0.0	0.0
	50.00000	10.00000	0.00000	-3.5135	-0.50000	0.0	0.0	0.0
	51.00000	10.00000	0.00000	-3.1072	-0.50000	0.0	0.0	0.0
	52.00000	10.00000	0.00000	-2.7454	-0.50000	0.0	0.0	0.0
	53.00000	10.00000	0.00000	-2.4223	-0.50000	0.0	0.0	0.0
	54.00000	10.00000	0.00000	-2.1329	-0.50000	0.0	0.0	0.0
	55.00000	10.00000	0.00000	-1.8729	-0.50000	0.0	0.0	0.0
	56.00000	10.00000	0.00000	-1.6390	-0.50000	0.0	0.0	0.0
	57.00000	10.00000	0.00000	-1.4281	-0.50000	0.0	0.0	0.0
	58.00000	10.00000	0.00000	-1.2377	-0.50000	0.0	0.0	0.0
	59.00000	10.00000	0.00000	-1.0655	-0.50000	0.0	0.0	0.0
	60.00000	10.00000	0.00000	-0.90963	-0.50000	0.0	0.0	0.0
	-20.00000	11.00000	0.00000	-0.98848	-0.50000	0.0	0.0	0.0
	-19.00000	11.00000	0.00000	-1.1536	-0.50000	0.0	0.0	0.0
	-18.00000	11.00000	0.00000	-1.3362	-0.50000	0.0	0.0	0.0
	-17.00000	11.00000	0.00000	-1.5385	-0.50000	0.0	0.0	0.0
	-16.00000	11.00000	0.00000	-1.7628	-0.50000	0.0	0.0	0.0
	-15.00000	11.00000	0.00000	-2.0120	-0.50000	0.0	0.0	0.0
	-14.00000	11.00000	0.00000	-2.2892	-0.50000	0.0	0.0	0.0
	-13.00000	11.00000	0.00000	-2.5983	-0.50000	0.0	0.0	0.0
	-12.00000	11.00000	0.00000	-2.9436	-0.50000	0.0	0.0	0.0
	-11.00000	11.00000	0.00000	-3.3307	-0.50000	0.0	0.0	0.0
	-10.00000	11.00000	0.00000	-3.7657	-0.50000	0.0	0.0	0.0
	-9.00000	11.00000	0.00000	-4.2563	-0.50000	0.0	0.0	0.0
	-8.00000	11.00000	0.00000	-4.8119	-0.50000	0.0	0.0	0.0
	-7.00000	11.00000	0.00000	-5.4441	-0.50000	0.0	0.0	0.0
	-6.00000	11.00000	0.00000	-6.1673	-0.50000	0.0	0.0	0.0
	-5.00000	11.00000	0.00000	-7.0002	-0.50000	0.0	0.0	0.0
	-4.00000	11.00000	0.00000	-7.9671	-0.50000	0.0	0.0	0.0
	-3.00000	11.00000	0.00000	-9.1014	-0.50000	0.0	0.0	0.0
	-2.00000	11.00000	0.00000	-10.451	-0.50000	0.0	0.0	0.0
	-1.00000	11.00000	0.00000	-12.092	-0.50000	0.0	0.0	0.0
	0.00000	11.00000	0.00000	-14.159	-0.50000	0.0	0.0	0.0
	1.00000	11.00000	0.00000	-16.936	-0.50000	0.0	0.0	0.0
	2.00000	11.00000	0.00000	-22.074	-0.50000	0.0	0.0	0.0
	3.00000	11.00000	0.00000	-27.192	-0.50000	0.0	0.0	0.0
	4.00000	11.00000	0.00000	-29.910	-0.50000	0.0	0.0	0.0
	5.00000	11.00000	0.00000	-31.886	-0.50000	0.0	0.0	0.0
	6.00000	11.00000	0.00000	-33.414	-0.50000	0.0	0.0	0.0
	7.00000	11.00000	0.00000	-34.637	-0.50000	0.0	0.0	0.0
	8.00000	11.00000	0.00000	-35.636	-0.50000	0.0	0.0	0.0
	9.00000	11.00000	0.00000	-36.463	-0.50000	0.0	0.0	0.0
	10.00000	11.00000	0.00000	-37.154	-0.50000	0.0	0.0	0.0
	11.00000	11.00000	0.00000	-37.732	-0.50000	0.0	0.0	0.0
	12.00000	11.00000	0.00000	-38.217	-0.50000	0.0	0.0	0.0
	13.00000	11.00000	0.00000	-38.622	-0.50000	0.0	0.0	0.0
	14.00000	11.00000	0.00000	-38.956	-0.50000	0.0	0.0	0.0
	15.00000	11.00000	0.00000	-39.228	-0.50000	0.0	0.0	0.0
	16.00000	11.00000	0.00000	-39.444	-0.50000	0.0	0.0	0.0
	17.00000	11.00000	0.00000	-39.608	-0.50000	0.0	0.0	0.0
	18.00000	11.00000	0.00000	-39.722	-0.50000	0.0	0.0	0.0
	19.00000	11.00000	0.00000	-39.789	-0.50000	0.0	0.0	0.0
	20.00000	11.00000	0.00000	-39.810	-0.50000	0.0	0.0	0.0
	21.00000	11.00000	0.00000	-39.785	-0.50000	0.0	0.0	0.0
	22.00000	11.00000	0.00000	-39.713	-0.50000	0.0	0.0	0.0
	23.00000	11.00000	0.00000	-39.593	-0.50000	0.0	0.0	0.0
	24.00000	11.00000	0.00000	-39.421	-0.50000	0.0	0.0	0.0
	25.00000	11.00000	0.00000	-39.195	-0.50000	0.0	0.0	0.0
	26.00000	11.00000	0.00000	-38.909	-0.50000	0.0	0.0	0.0
	27.00000	11.00000	0.00000	-38.557	-0.50000	0.0	0.0	0.0
	28.00000	11.00000	0.00000	-38.131	-0.50000	0.0	0.0	0.0
	29.00000	11.00000	0.00000	-37.620	-0.50000	0.0	0.0	0.0
	30.00000	11.00000	0.00000	-37.011	-0.50000	0.0	0.0	0.0
	31.00000	11.00000	0.00000	-36.284	-0.50000	0.0	0.0	0.0
	32.00000	11.00000	0.00000	-35.415	-0.50000	0.0	0.0	0.0
	33.00000	11.00000	0.00000	-34.370	-0.50000	0.0	0.0	0.0
	34.00000	11.00000	0.00000	-33.097	-0.50000	0.0	0.0	0.0
	35.00000	11.00000	0.00000	-31.516	-0.50000	0.0	0.0	0.0
	36.00000	11.00000	0.00000	-29.490	-0.50000	0.0	0.0	0.0
	37.00000	11.00000	0.00000	-26.727	-0.50000	0.0	0.0	0.0
	38.00000	11.00000	0.00000	-21.576	-0.50000	0.0	0.0	0.0
	39.00000	11.00000	0.00000	-16.421	-0.50000	0.0	0.0	0.0
	40.00000	11.00000	0.00000	-13.645	-0.50000	0.0	0.0	0.0
	41.00000	11.00000	0.00000	-11.597	-0.50000	0.0	0.0	0.0
	42.00000	11.00000	0.00000	-9.9862	-0.50000	0.0	0.0	0.0
	43.00000	11.00000	0.00000	-8.6736	-0.50000	0.0	0.0	0.0
	44.00000	11.00000	0.00000	-7.5793	-0.50000	0.0	0.0	0.0
	45.00000	11.00000	0.00000	-6.6520	-0.50000	0.0	0.0	0.0
	46.00000	11.00000	0.00000	-5.8567	-0.50000	0.0	0.0	0.0
	47.00000	11.00000	0.00000	-5.1680	-0.50000	0.0	0.0	0.0
	48.00000	11.00000	0.00000	-4.5670	-0.50000	0.0	0.0	0.0
	49.00000	11.00000	0.00000	-4.0393	-0.50000	0.0	0.0	0.0
	50.00000	11.00000	0.00000	-3.5734	-0.50000	0.0	0.0	0.0
	51.00000	11.00000	0.00000	-3.1603	-0.50000	0.0	0.0	0.0
	52.00000	11.00000	0.00000	-2.7926	-0.50000	0.0	0.0	0.0
	53.00000	11.00000	0.00000	-2.4641	-0.50000	0.0	0.0	0.0
	54.00000	11.00000	0.00000	-2.1700	-0.50000	0.0	0.0	0.0
	55.00000	11.00000	0.00000	-1.9059	-0.50000	0.0	0.0	0.0
	56.00000	11.00000	0.00000	-1.6683	-0.50000	0.0	0.0	0.0
	57.00000	11.00000	0.00000	-1.4541	-0.50000	0.0	0.0	0.0
	58.00000	11.00000	0.00000	-1.2608	-0.50000	0.0	0.0	0.0
	59.00000	11.00000	0.00000	-1.0861	-0.50000	0.0	0.0	0.0
	60.00000	11.00000	0.00000	-0.92798	-0.50000	0.0	0.0	0.0
	-20.00000	12.00000	0.00000	-1.0054	-0.50000	0.0	0.0	0.0
	-19.00000	12.00000	0.00000	-1.1729	-0.50000	0.0	0.0	0.0
	-18.00000	12.00000	0.00000	-1.3582	-0.50000	0.0	0.0	0.0
	-17.00000	12.00000	0.00000	-1.5635	-0.50000	0.0	0.0	0.0
	-16.00000	12.00000	0.00000	-1.7914	-0.50000	0.0	0.0	0.0
	-15.00000	12.00000	0.00000	-2.0446	-0.50000	0.0	0.0	0.0
	-14.00000	12.00000	0.00000	-2.3266	-0.50000	0.0	0.0	0.0
	-13.00000	12.00000	0.00000	-2.6412	-0.50000	0.0	0.0	0.0
	-12.00000	12.00000	0.00000	-2.9931	-0.50000	0.0	0.0	0.0
	-11.00000	12.00000	0.00000	-3.3878	-0.50000	0.0	0.0	0.0
	-10.00000	12.00000	0.00000	-3.8319	-0.50000	0.0	0.0	0.0
	-9.00000	12.00

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-3.00000	12.00000	0.00000	-9.3012	-0.50000	0.0	0.0	0.0
	-2.00000	12.00000	0.00000	-10.684	-0.50000	0.0	0.0	0.0
	-1.00000	12.00000	0.00000	-12.358	-0.50000	0.0	0.0	0.0
	0.00000	12.00000	0.00000	-14.453	-0.50000	0.0	0.0	0.0
	1.00000	12.00000	0.00000	-17.249	-0.50000	0.0	0.0	0.0
	2.00000	12.00000	0.00000	-22.394	-0.50000	0.0	0.0	0.0
	3.00000	12.00000	0.00000	-27.508	-0.50000	0.0	0.0	0.0
	4.00000	12.00000	0.00000	-30.216	-0.50000	0.0	0.0	0.0
	5.00000	12.00000	0.00000	-32.183	-0.50000	0.0	0.0	0.0
	6.00000	12.00000	0.00000	-33.703	-0.50000	0.0	0.0	0.0
	7.00000	12.00000	0.00000	-34.920	-0.50000	0.0	0.0	0.0
	8.00000	12.00000	0.00000	-35.915	-0.50000	0.0	0.0	0.0
	9.00000	12.00000	0.00000	-36.741	-0.50000	0.0	0.0	0.0
	10.00000	12.00000	0.00000	-37.431	-0.50000	0.0	0.0	0.0
	11.00000	12.00000	0.00000	-38.010	-0.50000	0.0	0.0	0.0
	12.00000	12.00000	0.00000	-38.496	-0.50000	0.0	0.0	0.0
	13.00000	12.00000	0.00000	-38.902	-0.50000	0.0	0.0	0.0
	14.00000	12.00000	0.00000	-39.239	-0.50000	0.0	0.0	0.0
	15.00000	12.00000	0.00000	-39.513	-0.50000	0.0	0.0	0.0
	16.00000	12.00000	0.00000	-39.731	-0.50000	0.0	0.0	0.0
	17.00000	12.00000	0.00000	-39.896	-0.50000	0.0	0.0	0.0
	18.00000	12.00000	0.00000	-40.012	-0.50000	0.0	0.0	0.0
	19.00000	12.00000	0.00000	-40.081	-0.50000	0.0	0.0	0.0
	20.00000	12.00000	0.00000	-40.103	-0.50000	0.0	0.0	0.0
	21.00000	12.00000	0.00000	-40.078	-0.50000	0.0	0.0	0.0
	22.00000	12.00000	0.00000	-40.006	-0.50000	0.0	0.0	0.0
	23.00000	12.00000	0.00000	-39.886	-0.50000	0.0	0.0	0.0
	24.00000	12.00000	0.00000	-39.713	-0.50000	0.0	0.0	0.0
	25.00000	12.00000	0.00000	-39.485	-0.50000	0.0	0.0	0.0
	26.00000	12.00000	0.00000	-39.197	-0.50000	0.0	0.0	0.0
	27.00000	12.00000	0.00000	-38.842	-0.50000	0.0	0.0	0.0
	28.00000	12.00000	0.00000	-38.411	-0.50000	0.0	0.0	0.0
	29.00000	12.00000	0.00000	-37.895	-0.50000	0.0	0.0	0.0
	30.00000	12.00000	0.00000	-37.279	-0.50000	0.0	0.0	0.0
	31.00000	12.00000	0.00000	-36.544	-0.50000	0.0	0.0	0.0
	32.00000	12.00000	0.00000	-35.666	-0.50000	0.0	0.0	0.0
	33.00000	12.00000	0.00000	-34.611	-0.50000	0.0	0.0	0.0
	34.00000	12.00000	0.00000	-33.327	-0.50000	0.0	0.0	0.0
	35.00000	12.00000	0.00000	-31.734	-0.50000	0.0	0.0	0.0
	36.00000	12.00000	0.00000	-29.695	-0.50000	0.0	0.0	0.0
	37.00000	12.00000	0.00000	-26.918	-0.50000	0.0	0.0	0.0
	38.00000	12.00000	0.00000	-21.753	-0.50000	0.0	0.0	0.0
	39.00000	12.00000	0.00000	-16.584	-0.50000	0.0	0.0	0.0
	40.00000	12.00000	0.00000	-13.794	-0.50000	0.0	0.0	0.0
	41.00000	12.00000	0.00000	-11.732	-0.50000	0.0	0.0	0.0
	42.00000	12.00000	0.00000	-10.108	-0.50000	0.0	0.0	0.0
	43.00000	12.00000	0.00000	-8.7835	-0.50000	0.0	0.0	0.0
	44.00000	12.00000	0.00000	-7.6778	-0.50000	0.0	0.0	0.0
	45.00000	12.00000	0.00000	-6.7400	-0.50000	0.0	0.0	0.0
	46.00000	12.00000	0.00000	-5.9351	-0.50000	0.0	0.0	0.0
	47.00000	12.00000	0.00000	-5.2378	-0.50000	0.0	0.0	0.0
	48.00000	12.00000	0.00000	-4.6290	-0.50000	0.0	0.0	0.0
	49.00000	12.00000	0.00000	-4.0944	-0.50000	0.0	0.0	0.0
	50.00000	12.00000	0.00000	-3.6223	-0.50000	0.0	0.0	0.0
	51.00000	12.00000	0.00000	-3.2037	-0.50000	0.0	0.0	0.0
	52.00000	12.00000	0.00000	-2.8310	-0.50000	0.0	0.0	0.0
	53.00000	12.00000	0.00000	-2.4983	-0.50000	0.0	0.0	0.0
	54.00000	12.00000	0.00000	-2.2003	-0.50000	0.0	0.0	0.0
	55.00000	12.00000	0.00000	-1.9328	-0.50000	0.0	0.0	0.0
	56.00000	12.00000	0.00000	-1.6922	-0.50000	0.0	0.0	0.0
	57.00000	12.00000	0.00000	-1.4754	-0.50000	0.0	0.0	0.0
	58.00000	12.00000	0.00000	-1.2798	-0.50000	0.0	0.0	0.0
	59.00000	12.00000	0.00000	-1.1030	-0.50000	0.0	0.0	0.0
	60.00000	12.00000	0.00000	-0.94301	-0.50000	0.0	0.0	0.0
	-20.00000	13.00000	0.00000	-1.0187	-0.50000	0.0	0.0	0.0
	-19.00000	13.00000	0.00000	-1.1880	-0.50000	0.0	0.0	0.0
	-18.00000	13.00000	0.00000	-1.3754	-0.50000	0.0	0.0	0.0
	-17.00000	13.00000	0.00000	-1.5833	-0.50000	0.0	0.0	0.0
	-16.00000	13.00000	0.00000	-1.8140	-0.50000	0.0	0.0	0.0
	-15.00000	13.00000	0.00000	-2.0707	-0.50000	0.0	0.0	0.0
	-14.00000	13.00000	0.00000	-2.3567	-0.50000	0.0	0.0	0.0
	-13.00000	13.00000	0.00000	-2.6761	-0.50000	0.0	0.0	0.0
	-12.00000	13.00000	0.00000	-3.0336	-0.50000	0.0	0.0	0.0
	-11.00000	13.00000	0.00000	-3.4350	-0.50000	0.0	0.0	0.0
	-10.00000	13.00000	0.00000	-3.8871	-0.50000	0.0	0.0	0.0
	-9.00000	13.00000	0.00000	-4.3983	-0.50000	0.0	0.0	0.0
	-8.00000	13.00000	0.00000	-4.9786	-0.50000	0.0	0.0	0.0
	-7.00000	13.00000	0.00000	-5.6406	-0.50000	0.0	0.0	0.0
	-6.00000	13.00000	0.00000	-6.4001	-0.50000	0.0	0.0	0.0
	-5.00000	13.00000	0.00000	-7.2772	-0.50000	0.0	0.0	0.0
	-4.00000	13.00000	0.00000	-8.2980	-0.50000	0.0	0.0	0.0
	-3.00000	13.00000	0.00000	-9.4971	-0.50000	0.0	0.0	0.0
	-2.00000	13.00000	0.00000	-10.922	-0.50000	0.0	0.0	0.0
	-1.00000	13.00000	0.00000	-12.643	-0.50000	0.0	0.0	0.0
	0.00000	13.00000	0.00000	-14.780	-0.50000	0.0	0.0	0.0
	1.00000	13.00000	0.00000	-17.598	-0.50000	0.0	0.0	0.0
	2.00000	13.00000	0.00000	-22.737	-0.50000	0.0	0.0	0.0
	3.00000	13.00000	0.00000	-27.826	-0.50000	0.0	0.0	0.0
	4.00000	13.00000	0.00000	-30.504	-0.50000	0.0	0.0	0.0
	5.00000	13.00000	0.00000	-32.443	-0.50000	0.0	0.0	0.0
	6.00000	13.00000	0.00000	-33.942	-0.50000	0.0	0.0	0.0
	7.00000	13.00000	0.00000	-35.144	-0.50000	0.0	0.0	0.0
	8.00000	13.00000	0.00000	-36.129	-0.50000	0.0	0.0	0.0
	9.00000	13.00000	0.00000	-36.948	-0.50000	0.0	0.0	0.0
	10.00000	13.00000	0.00000	-37.634	-0.50000	0.0	0.0	0.0
	11.00000	13.00000	0.00000	-38.211	-0.50000	0.0	0.0	0.0
	12.00000	13.00000	0.00000	-38.696	-0.50000	0.0	0.0	0.0
	13.00000	13.00000	0.00000	-39.102	-0.50000	0.0	0.0	0.0
	14.00000	13.00000	0.00000	-39.439	-0.50000	0.0	0.0	0.0
	15.00000	13.00000	0.00000	-39.714	-0.50000	0.0	0.0	0.0
	16.00000	13.00000	0.00000	-39.933	-0.50000	0.0	0.0	0.0
	17.00000	13.00000	0.00000	-40.099	-0.50000	0.0	0.0	0.0
	18.00000	13.00000	0.00000	-40.217	-0.50000	0.0	0.0	0.0
	19.00000	13.00000	0.00000	-40.287	-0.50000	0.0	0.0	0.0
	20.00000	13.00000	0.00000	-40.310	-0.50000	0.0	0.0	0.0
	21.00000	13.00000	0.00000	-40.287	-0.50000	0.0	0.0	0.0
	22.00000	13.00000	0.00000	-40.216	-0.50000	0.0	0.0	0.0
	23.00000	13.00000	0.00000	-40.096	-0.50000	0.0	0.0	0.0
	24.00000	13.00000	0.00000	-39.923	-0.50000	0.0	0.0	0.0
	25.00000	13.00000	0.00000	-39.695	-0.50000	0.0	0.0	0.0
	26.00000	13.00000	0.00000	-39.405	-0.50000	0.0	0.0	0.0
	27.00000	13.00000	0.00000	-39.048	-0.50000	0.0	0.0	0.0
	28.00000	13.00000	0.00000	-38.615	-0.50000	0.0	0.0	0.0
	29.00000	13.00000	0.00000	-38.096	-0.50000	0.0	0.0	0.0
	30.00000	13.00000	0.00000	-37.475	-0.50000	0.0	0.0	0.0
	31.00000	13.00000	0.00000	-36.735	-0.50000	0.0	0.0	0.0
	32.00000	13.00000	0.00000	-35.852	-0.50000	0.0	0.0	0.0
	33.00000	13.00000	0.00000	-34.789	-0.50000	0.0	0.0	0.0
	34.00000	13.00000	0.00000	-33.497	-0.50000	0.0	0.0	0.0
	35.00000	13.00000	0.00000	-31.896	-0.50000	0.0	0.0	0.0
	36.00000	13.00000	0.00000	-29.847	-0.50000	0.0	0.0	0.0
	37.00000	13.00000	0.00000	-27.061	-0.50000	0.0	0.0	0.0
	38.00000	13.00000	0.00000	-21.886	-0.50000	0.0	0.0	0.0
	39.00000	13.00000	0.00000	-16.706	-0.50000	0.0	0.0	0.0
	40.00000	13.00000	0.00000	-13.906	-0.50000	0.0	0.0	0.0
	41.00000	13.00000	0.00000	-11.834	-0.50000	0.0	0.0	0.0
	42.00000	13.00000	0.00000	-10.201	-0.50000	0.0	0.0	0.0
	43.00000	13.00000	0.00000	-8.8670	-0.50000	0.0	0.0	0.0
	44.00000	13.00000	0.00000	-7.7528	-0.50000	0.0	0.0	0.0
	45.00000	13.00000	0.00000	-6.8072	-0.50000	0.0	0.0	0.0
	46.00000	13.00000	0.00000	-5.9951	-0.50000	0.0	0.0	0.0
	47.00000	13.00000	0.00000	-5.2913	-0.50000	0.0	0.0	0.0
	48.00000	13.00000	0.00000	-4.6767	-0.50000	0.0	0.0	0.0
	49.00000	13.00000	0.00000	-4.1367	-0.50000	0.0	0.0	0.0
	50.00000	13.00000	0.00000	-3.6599	-0.50000	0.0	0.0	0.0
	51.00000	13.00000	0.00000	-3.2371	-0.50000	0.0	0.0	0.0
	52.00000	13.00000	0.00000	-2.8607	-0.50000	0.0	0.0	0.0
	53.00000	13.00000	0.00000	-2.5247	-0.50000	0.0	0.0	0.0
	54.00000	13.00000	0.00000	-2.2238	-0.50000	0.0	0.0	0.0
	55.00000	13.00000	0.00000	-1.9537	-0.50000	0.0	0.0	0.0
	56.00000	13.00000	0.00000	-1.7108	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	57.00000	13.00000	0.00000	-1.4919	-0.50000	0.0	0.0	0.0
	58.00000	13.00000	0.00000	-1.2944	-0.50000	0.0	0.0	0.0
	59.00000	13.00000	0.00000	-1.1160	-0.50000	0.0	0.0	0.0
	60.00000	13.00000	0.00000	-0.95464	-0.50000	0.0	0.0	0.0
	-20.00000	14.00000	0.00000	-1.0282	-0.50000	0.0	0.0	0.0
	-19.00000	14.00000	0.00000	-1.1988	-0.50000	0.0	0.0	0.0
	-18.00000	14.00000	0.00000	-1.3879	-0.50000	0.0	0.0	0.0
	-17.00000	14.00000	0.00000	-1.5976	-0.50000	0.0	0.0	0.0
	-16.00000	14.00000	0.00000	-1.8307	-0.50000	0.0	0.0	0.0
	-15.00000	14.00000	0.00000	-2.0900	-0.50000	0.0	0.0	0.0
	-14.00000	14.00000	0.00000	-2.3791	-0.50000	0.0	0.0	0.0
	-13.00000	14.00000	0.00000	-2.7023	-0.50000	0.0	0.0	0.0
	-12.00000	14.00000	0.00000	-3.0645	-0.50000	0.0	0.0	0.0
	-11.00000	14.00000	0.00000	-3.4716	-0.50000	0.0	0.0	0.0
	-10.00000	14.00000	0.00000	-3.9307	-0.50000	0.0	0.0	0.0
	-9.00000	14.00000	0.00000	-4.4505	-0.50000	0.0	0.0	0.0
	-8.00000	14.00000	0.00000	-5.0416	-0.50000	0.0	0.0	0.0
	-7.00000	14.00000	0.00000	-5.7176	-0.50000	0.0	0.0	0.0
	-6.00000	14.00000	0.00000	-6.4952	-0.50000	0.0	0.0	0.0
	-5.00000	14.00000	0.00000	-7.3962	-0.50000	0.0	0.0	0.0
	-4.00000	14.00000	0.00000	-8.4494	-0.50000	0.0	0.0	0.0
	-3.00000	14.00000	0.00000	-9.6932	-0.50000	0.0	0.0	0.0
	-2.00000	14.00000	0.00000	-11.180	-0.50000	0.0	0.0	0.0
	-1.00000	14.00000	0.00000	-12.980	-0.50000	0.0	0.0	0.0
	0.00000	14.00000	0.00000	-15.199	-0.50000	0.0	0.0	0.0
	1.00000	14.00000	0.00000	-18.057	-0.50000	0.0	0.0	0.0
	2.00000	14.00000	0.00000	-23.165	-0.50000	0.0	0.0	0.0
	3.00000	14.00000	0.00000	-28.181	-0.50000	0.0	0.0	0.0
	4.00000	14.00000	0.00000	-30.787	-0.50000	0.0	0.0	0.0
	5.00000	14.00000	0.00000	-32.673	-0.50000	0.0	0.0	0.0
	6.00000	14.00000	0.00000	-34.135	-0.50000	0.0	0.0	0.0
	7.00000	14.00000	0.00000	-35.312	-0.50000	0.0	0.0	0.0
	8.00000	14.00000	0.00000	-36.280	-0.50000	0.0	0.0	0.0
	9.00000	14.00000	0.00000	-37.088	-0.50000	0.0	0.0	0.0
	10.00000	14.00000	0.00000	-37.766	-0.50000	0.0	0.0	0.0
	11.00000	14.00000	0.00000	-38.337	-0.50000	0.0	0.0	0.0
	12.00000	14.00000	0.00000	-38.819	-0.50000	0.0	0.0	0.0
	13.00000	14.00000	0.00000	-39.223	-0.50000	0.0	0.0	0.0
	14.00000	14.00000	0.00000	-39.559	-0.50000	0.0	0.0	0.0
	15.00000	14.00000	0.00000	-39.835	-0.50000	0.0	0.0	0.0
	16.00000	14.00000	0.00000	-40.054	-0.50000	0.0	0.0	0.0
	17.00000	14.00000	0.00000	-40.222	-0.50000	0.0	0.0	0.0
	18.00000	14.00000	0.00000	-40.341	-0.50000	0.0	0.0	0.0
	19.00000	14.00000	0.00000	-40.412	-0.50000	0.0	0.0	0.0
	20.00000	14.00000	0.00000	-40.437	-0.50000	0.0	0.0	0.0
	21.00000	14.00000	0.00000	-40.416	-0.50000	0.0	0.0	0.0
	22.00000	14.00000	0.00000	-40.346	-0.50000	0.0	0.0	0.0
	23.00000	14.00000	0.00000	-40.228	-0.50000	0.0	0.0	0.0
	24.00000	14.00000	0.00000	-40.056	-0.50000	0.0	0.0	0.0
	25.00000	14.00000	0.00000	-39.829	-0.50000	0.0	0.0	0.0
	26.00000	14.00000	0.00000	-39.540	-0.50000	0.0	0.0	0.0
	27.00000	14.00000	0.00000	-39.182	-0.50000	0.0	0.0	0.0
	28.00000	14.00000	0.00000	-38.749	-0.50000	0.0	0.0	0.0
	29.00000	14.00000	0.00000	-38.227	-0.50000	0.0	0.0	0.0
	30.00000	14.00000	0.00000	-37.605	-0.50000	0.0	0.0	0.0
	31.00000	14.00000	0.00000	-36.862	-0.50000	0.0	0.0	0.0
	32.00000	14.00000	0.00000	-35.975	-0.50000	0.0	0.0	0.0
	33.00000	14.00000	0.00000	-34.908	-0.50000	0.0	0.0	0.0
	34.00000	14.00000	0.00000	-33.611	-0.50000	0.0	0.0	0.0
	35.00000	14.00000	0.00000	-32.005	-0.50000	0.0	0.0	0.0
	36.00000	14.00000	0.00000	-29.950	-0.50000	0.0	0.0	0.0
	37.00000	14.00000	0.00000	-27.158	-0.50000	0.0	0.0	0.0
	38.00000	14.00000	0.00000	-21.976	-0.50000	0.0	0.0	0.0
	39.00000	14.00000	0.00000	-16.789	-0.50000	0.0	0.0	0.0
	40.00000	14.00000	0.00000	-13.983	-0.50000	0.0	0.0	0.0
	41.00000	14.00000	0.00000	-11.904	-0.50000	0.0	0.0	0.0
	42.00000	14.00000	0.00000	-10.265	-0.50000	0.0	0.0	0.0
	43.00000	14.00000	0.00000	-8.9246	-0.50000	0.0	0.0	0.0
	44.00000	14.00000	0.00000	-7.8047	-0.50000	0.0	0.0	0.0
	45.00000	14.00000	0.00000	-6.8538	-0.50000	0.0	0.0	0.0
	46.00000	14.00000	0.00000	-6.0368	-0.50000	0.0	0.0	0.0
	47.00000	14.00000	0.00000	-5.3285	-0.50000	0.0	0.0	0.0
	48.00000	14.00000	0.00000	-4.7099	-0.50000	0.0	0.0	0.0
	49.00000	14.00000	0.00000	-4.1663	-0.50000	0.0	0.0	0.0
	50.00000	14.00000	0.00000	-3.6862	-0.50000	0.0	0.0	0.0
	51.00000	14.00000	0.00000	-3.2605	-0.50000	0.0	0.0	0.0
	52.00000	14.00000	0.00000	-2.8815	-0.50000	0.0	0.0	0.0
	53.00000	14.00000	0.00000	-2.5431	-0.50000	0.0	0.0	0.0
	54.00000	14.00000	0.00000	-2.2402	-0.50000	0.0	0.0	0.0
	55.00000	14.00000	0.00000	-1.9683	-0.50000	0.0	0.0	0.0
	56.00000	14.00000	0.00000	-1.7237	-0.50000	0.0	0.0	0.0
	57.00000	14.00000	0.00000	-1.5035	-0.50000	0.0	0.0	0.0
	58.00000	14.00000	0.00000	-1.3047	-0.50000	0.0	0.0	0.0
	59.00000	14.00000	0.00000	-1.1252	-0.50000	0.0	0.0	0.0
	60.00000	14.00000	0.00000	-0.96279	-0.50000	0.0	0.0	0.0
	-20.00000	15.00000	0.00000	-1.0337	-0.50000	0.0	0.0	0.0
	-19.00000	15.00000	0.00000	-1.2053	-0.50000	0.0	0.0	0.0
	-18.00000	15.00000	0.00000	-1.3954	-0.50000	0.0	0.0	0.0
	-17.00000	15.00000	0.00000	-1.6064	-0.50000	0.0	0.0	0.0
	-16.00000	15.00000	0.00000	-1.8410	-0.50000	0.0	0.0	0.0
	-15.00000	15.00000	0.00000	-2.1022	-0.50000	0.0	0.0	0.0
	-14.00000	15.00000	0.00000	-2.3937	-0.50000	0.0	0.0	0.0
	-13.00000	15.00000	0.00000	-2.7197	-0.50000	0.0	0.0	0.0
	-12.00000	15.00000	0.00000	-3.0854	-0.50000	0.0	0.0	0.0
	-11.00000	15.00000	0.00000	-3.4970	-0.50000	0.0	0.0	0.0
	-10.00000	15.00000	0.00000	-3.9618	-0.50000	0.0	0.0	0.0
	-9.00000	15.00000	0.00000	-4.4889	-0.50000	0.0	0.0	0.0
	-8.00000	15.00000	0.00000	-5.0897	-0.50000	0.0	0.0	0.0
	-7.00000	15.00000	0.00000	-5.7786	-0.50000	0.0	0.0	0.0
	-6.00000	15.00000	0.00000	-6.5738	-0.50000	0.0	0.0	0.0
	-5.00000	15.00000	0.00000	-7.4997	-0.50000	0.0	0.0	0.0
	-4.00000	15.00000	0.00000	-8.5891	-0.50000	0.0	0.0	0.0
	-3.00000	15.00000	0.00000	-9.8884	-0.50000	0.0	0.0	0.0
	-2.00000	15.00000	0.00000	-11.465	-0.50000	0.0	0.0	0.0
	-1.00000	15.00000	0.00000	-13.416	-0.50000	0.0	0.0	0.0
	0.00000	15.00000	0.00000	-15.852	-0.50000	0.0	0.0	0.0
	1.00000	15.00000	0.00000	-18.832	-0.50000	0.0	0.0	0.0
	2.00000	15.00000	0.00000	-23.819	-0.50000	0.0	0.0	0.0
	3.00000	15.00000	0.00000	-28.619	-0.50000	0.0	0.0	0.0
	4.00000	15.00000	0.00000	-31.076	-0.50000	0.0	0.0	0.0
	5.00000	15.00000	0.00000	-32.873	-0.50000	0.0	0.0	0.0
	6.00000	15.00000	0.00000	-34.281	-0.50000	0.0	0.0	0.0
	7.00000	15.00000	0.00000	-35.423	-0.50000	0.0	0.0	0.0
	8.00000	15.00000	0.00000	-36.368	-0.50000	0.0	0.0	0.0
	9.00000	15.00000	0.00000	-37.160	-0.50000	0.0	0.0	0.0
	10.00000	15.00000	0.00000	-37.827	-0.50000	0.0	0.0	0.0
	11.00000	15.00000	0.00000	-38.391	-0.50000	0.0	0.0	0.0
	12.00000	15.00000	0.00000	-38.867	-0.50000	0.0	0.0	0.0
	13.00000	15.00000	0.00000	-39.268	-0.50000	0.0	0.0	0.0
	14.00000	15.00000	0.00000	-39.602	-0.50000	0.0	0.0	0.0
	15.00000	15.00000	0.00000	-39.877	-0.50000	0.0	0.0	0.0
	16.00000	15.00000	0.00000	-40.096	-0.50000	0.0	0.0	0.0
	17.00000	15.00000	0.00000	-40.265	-0.50000	0.0	0.0	0.0
	18.00000	15.00000	0.00000	-40.385	-0.50000	0.0	0.0	0.0
	19.00000	15.00000	0.00000	-40.459	-0.50000	0.0	0.0	0.0
	20.00000	15.00000	0.00000	-40.486	-0.50000	0.0	0.0	0.0
	21.00000	15.00000	0.00000	-40.467	-0.50000	0.0	0.0	0.0
	22.00000	15.00000	0.00000	-40.400	-0.50000	0.0	0.0	0.0
	23.00000	15.00000	0.00000	-40.284	-0.50000	0.0	0.0	0.0
	24.00000	15.00000	0.00000	-40.115	-0.50000	0.0	0.0	0.0
	25.00000	15.00000	0.00000	-39.890	-0.50000	0.0	0.0	0.0
	26.00000	15.00000	0.00000	-39.603	-0.50000	0.0	0.0	0.0
	27.00000	15.00000	0.00000	-39.247	-0.50000	0.0	0.0	0.0
	28.00000	15.00000	0.00000	-38.814	-0.50000	0.0	0.0	0.0
	29.00000	15.00000	0.00000	-38.293	-0.50000	0.0	0.0	0.0
	30.00000	15.00000	0.00000	-37.671	-0.50000	0.0	0.0	0.0
	31.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	36.00000	15.00000	0.00000	-30.006	-0.50000	0.0	0.0	0.0
	37.00000	15.00000	0.00000	-27.210	-0.50000	0.0	0.0	0.0
	38.00000	15.00000	0.00000	-22.025	-0.50000	0.0	0.0	0.0
	39.00000	15.00000	0.00000	-16.835	-0.50000	0.0	0.0	0.0
	40.00000	15.00000	0.00000	-14.025	-0.50000	0.0	0.0	0.0
	41.00000	15.00000	0.00000	-11.943	-0.50000	0.0	0.0	0.0
	42.00000	15.00000	0.00000	-10.300	-0.50000	0.0	0.0	0.0
	43.00000	15.00000	0.00000	-8.9569	-0.50000	0.0	0.0	0.0
	44.00000	15.00000	0.00000	-7.8338	-0.50000	0.0	0.0	0.0
	45.00000	15.00000	0.00000	-6.8800	-0.50000	0.0	0.0	0.0
	46.00000	15.00000	0.00000	-6.0603	-0.50000	0.0	0.0	0.0
	47.00000	15.00000	0.00000	-5.3495	-0.50000	0.0	0.0	0.0
	48.00000	15.00000	0.00000	-4.7286	-0.50000	0.0	0.0	0.0
	49.00000	15.00000	0.00000	-4.1830	-0.50000	0.0	0.0	0.0
	50.00000	15.00000	0.00000	-3.7011	-0.50000	0.0	0.0	0.0
	51.00000	15.00000	0.00000	-3.2737	-0.50000	0.0	0.0	0.0
	52.00000	15.00000	0.00000	-2.8933	-0.50000	0.0	0.0	0.0
	53.00000	15.00000	0.00000	-2.5536	-0.50000	0.0	0.0	0.0
	54.00000	15.00000	0.00000	-2.2495	-0.50000	0.0	0.0	0.0
	55.00000	15.00000	0.00000	-1.9765	-0.50000	0.0	0.0	0.0
	56.00000	15.00000	0.00000	-1.7311	-0.50000	0.0	0.0	0.0
	57.00000	15.00000	0.00000	-1.5100	-0.50000	0.0	0.0	0.0
	58.00000	15.00000	0.00000	-1.3105	-0.50000	0.0	0.0	0.0
	59.00000	15.00000	0.00000	-1.1304	-0.50000	0.0	0.0	0.0
	60.00000	15.00000	0.00000	-0.96740	-0.50000	0.0	0.0	0.0
	-20.00000	16.00000	0.00000	-1.0352	-0.50000	0.0	0.0	0.0
	-19.00000	16.00000	0.00000	-1.2072	-0.50000	0.0	0.0	0.0
	-18.00000	16.00000	0.00000	-1.3978	-0.50000	0.0	0.0	0.0
	-17.00000	16.00000	0.00000	-1.6095	-0.50000	0.0	0.0	0.0
	-16.00000	16.00000	0.00000	-1.8449	-0.50000	0.0	0.0	0.0
	-15.00000	16.00000	0.00000	-2.1071	-0.50000	0.0	0.0	0.0
	-14.00000	16.00000	0.00000	-2.4000	-0.50000	0.0	0.0	0.0
	-13.00000	16.00000	0.00000	-2.7278	-0.50000	0.0	0.0	0.0
	-12.00000	16.00000	0.00000	-3.0959	-0.50000	0.0	0.0	0.0
	-11.00000	16.00000	0.00000	-3.5106	-0.50000	0.0	0.0	0.0
	-10.00000	16.00000	0.00000	-3.9796	-0.50000	0.0	0.0	0.0
	-9.00000	16.00000	0.00000	-4.5125	-0.50000	0.0	0.0	0.0
	-8.00000	16.00000	0.00000	-5.1213	-0.50000	0.0	0.0	0.0
	-7.00000	16.00000	0.00000	-5.8214	-0.50000	0.0	0.0	0.0
	-6.00000	16.00000	0.00000	-6.6329	-0.50000	0.0	0.0	0.0
	-5.00000	16.00000	0.00000	-7.5830	-0.50000	0.0	0.0	0.0
	-4.00000	16.00000	0.00000	-8.7101	-0.50000	0.0	0.0	0.0
	-3.00000	16.00000	0.00000	-10.072	-0.50000	0.0	0.0	0.0
	-2.00000	16.00000	0.00000	-11.764	-0.50000	0.0	0.0	0.0
	-1.00000	16.00000	0.00000	-13.971	-0.50000	0.0	0.0	0.0
	0.00000	16.00000	0.00000	-17.589	-0.50000	0.0	0.0	0.0
	1.00000	16.00000	0.00000	-21.570	-0.50000	0.0	0.0	0.0
	2.00000	16.00000	0.00000	-25.550	-0.50000	0.0	0.0	0.0
	3.00000	16.00000	0.00000	-29.161	-0.50000	0.0	0.0	0.0
	4.00000	16.00000	0.00000	-31.357	-0.50000	0.0	0.0	0.0
	5.00000	16.00000	0.00000	-33.032	-0.50000	0.0	0.0	0.0
	6.00000	16.00000	0.00000	-34.373	-0.50000	0.0	0.0	0.0
	7.00000	16.00000	0.00000	-35.473	-0.50000	0.0	0.0	0.0
	8.00000	16.00000	0.00000	-36.390	-0.50000	0.0	0.0	0.0
	9.00000	16.00000	0.00000	-37.162	-0.50000	0.0	0.0	0.0
	10.00000	16.00000	0.00000	-37.815	-0.50000	0.0	0.0	0.0
	11.00000	16.00000	0.00000	-38.370	-0.50000	0.0	0.0	0.0
	12.00000	16.00000	0.00000	-38.840	-0.50000	0.0	0.0	0.0
	13.00000	16.00000	0.00000	-39.236	-0.50000	0.0	0.0	0.0
	14.00000	16.00000	0.00000	-39.567	-0.50000	0.0	0.0	0.0
	15.00000	16.00000	0.00000	-39.840	-0.50000	0.0	0.0	0.0
	16.00000	16.00000	0.00000	-40.060	-0.50000	0.0	0.0	0.0
	17.00000	16.00000	0.00000	-40.229	-0.50000	0.0	0.0	0.0
	18.00000	16.00000	0.00000	-40.351	-0.50000	0.0	0.0	0.0
	19.00000	16.00000	0.00000	-40.427	-0.50000	0.0	0.0	0.0
	20.00000	16.00000	0.00000	-40.458	-0.50000	0.0	0.0	0.0
	21.00000	16.00000	0.00000	-40.442	-0.50000	0.0	0.0	0.0
	22.00000	16.00000	0.00000	-40.379	-0.50000	0.0	0.0	0.0
	23.00000	16.00000	0.00000	-40.266	-0.50000	0.0	0.0	0.0
	24.00000	16.00000	0.00000	-40.101	-0.50000	0.0	0.0	0.0
	25.00000	16.00000	0.00000	-39.880	-0.50000	0.0	0.0	0.0
	26.00000	16.00000	0.00000	-39.596	-0.50000	0.0	0.0	0.0
	27.00000	16.00000	0.00000	-39.244	-0.50000	0.0	0.0	0.0
	28.00000	16.00000	0.00000	-38.814	-0.50000	0.0	0.0	0.0
	29.00000	16.00000	0.00000	-38.296	-0.50000	0.0	0.0	0.0
	30.00000	16.00000	0.00000	-37.675	-0.50000	0.0	0.0	0.0
	31.00000	16.00000	0.00000	-36.934	-0.50000	0.0	0.0	0.0
	32.00000	16.00000	0.00000	-36.047	-0.50000	0.0	0.0	0.0
	33.00000	16.00000	0.00000	-34.980	-0.50000	0.0	0.0	0.0
	34.00000	16.00000	0.00000	-33.682	-0.50000	0.0	0.0	0.0
	35.00000	16.00000	0.00000	-32.074	-0.50000	0.0	0.0	0.0
	36.00000	16.00000	0.00000	-30.016	-0.50000	0.0	0.0	0.0
	37.00000	16.00000	0.00000	-27.221	-0.50000	0.0	0.0	0.0
	38.00000	16.00000	0.00000	-22.035	-0.50000	0.0	0.0	0.0
	39.00000	16.00000	0.00000	-16.845	-0.50000	0.0	0.0	0.0
	40.00000	16.00000	0.00000	-14.035	-0.50000	0.0	0.0	0.0
	41.00000	16.00000	0.00000	-11.952	-0.50000	0.0	0.0	0.0
	42.00000	16.00000	0.00000	-10.308	-0.50000	0.0	0.0	0.0
	43.00000	16.00000	0.00000	-8.9641	-0.50000	0.0	0.0	0.0
	44.00000	16.00000	0.00000	-7.8404	-0.50000	0.0	0.0	0.0
	45.00000	16.00000	0.00000	-6.8859	-0.50000	0.0	0.0	0.0
	46.00000	16.00000	0.00000	-6.0657	-0.50000	0.0	0.0	0.0
	47.00000	16.00000	0.00000	-5.3543	-0.50000	0.0	0.0	0.0
	48.00000	16.00000	0.00000	-4.7329	-0.50000	0.0	0.0	0.0
	49.00000	16.00000	0.00000	-4.1868	-0.50000	0.0	0.0	0.0
	50.00000	16.00000	0.00000	-3.7045	-0.50000	0.0	0.0	0.0
	51.00000	16.00000	0.00000	-3.2768	-0.50000	0.0	0.0	0.0
	52.00000	16.00000	0.00000	-2.8960	-0.50000	0.0	0.0	0.0
	53.00000	16.00000	0.00000	-2.5560	-0.50000	0.0	0.0	0.0
	54.00000	16.00000	0.00000	-2.2516	-0.50000	0.0	0.0	0.0
	55.00000	16.00000	0.00000	-1.9784	-0.50000	0.0	0.0	0.0
	56.00000	16.00000	0.00000	-1.7328	-0.50000	0.0	0.0	0.0
	57.00000	16.00000	0.00000	-1.5115	-0.50000	0.0	0.0	0.0
	58.00000	16.00000	0.00000	-1.3119	-0.50000	0.0	0.0	0.0
	59.00000	16.00000	0.00000	-1.1315	-0.50000	0.0	0.0	0.0
	60.00000	16.00000	0.00000	-0.96846	-0.50000	0.0	0.0	0.0
	-20.00000	17.00000	0.00000	-1.0327	-0.50000	0.0	0.0	0.0
	-19.00000	17.00000	0.00000	-1.2045	-0.50000	0.0	0.0	0.0
	-18.00000	17.00000	0.00000	-1.3951	-0.50000	0.0	0.0	0.0
	-17.00000	17.00000	0.00000	-1.6067	-0.50000	0.0	0.0	0.0
	-16.00000	17.00000	0.00000	-1.8421	-0.50000	0.0	0.0	0.0
	-15.00000	17.00000	0.00000	-2.1045	-0.50000	0.0	0.0	0.0
	-14.00000	17.00000	0.00000	-2.3977	-0.50000	0.0	0.0	0.0
	-13.00000	17.00000	0.00000	-2.7262	-0.50000	0.0	0.0	0.0
	-12.00000	17.00000	0.00000	-3.0954	-0.50000	0.0	0.0	0.0
	-11.00000	17.00000	0.00000	-3.5118	-0.50000	0.0	0.0	0.0
	-10.00000	17.00000	0.00000	-3.9834	-0.50000	0.0	0.0	0.0
	-9.00000	17.00000	0.00000	-4.5202	-0.50000	0.0	0.0	0.0
	-8.00000	17.00000	0.00000	-5.1348	-0.50000	0.0	0.0	0.0
	-7.00000	17.00000	0.00000	-5.8438	-0.50000	0.0	0.0	0.0
	-6.00000	17.00000	0.00000	-6.6688	-0.50000	0.0	0.0	0.0
	-5.00000	17.00000	0.00000	-7.6401	-0.50000	0.0	0.0	0.0
	-4.00000	17.00000	0.00000	-8.8016	-0.50000	0.0	0.0	0.0
	-3.00000	17.00000	0.00000	-10.223	-0.50000	0.0	0.0	0.0
	-2.00000	17.00000	0.00000	-12.027	-0.50000	0.0	0.0	0.0
	-1.00000	17.00000	0.00000	-14.485	-0.50000	0.0	0.0	0.0
	0.00000	17.00000	0.00000	-19.281	-0.50000	0.0	0.0	0.0
	1.00000	17.00000	0.00000	-24.260	-0.50000	0.0	0.0	0.0
	2.00000	17.00000	0.00000	-27.228	-0.50000	0.0	0.0	0.0
	3.00000	17.00000	0.00000	-29.647	-0.50000	0.0	0.0	0.0
	4.00000	17.00000	0.00000	-31.577	-0.50000	0.0	0.0	0.0
	5.00000	17.00000	0.00000	-33.129	-0.50000	0.0	0.0	0.0
	6.00000	17.00000	0.00000	-34.398	-0.50000	0.0	0.0	0.0
	7.00000	17.00000	0.00000	-35.454	-0.50000	0.0	0.0	0.0
	8.00000	17.00000	0.00000	-36.340	-0.50000	0.0	0.0	0.0
	9.00000	17.00000	0.00000	-37.090	-0.50000	0.0	0.0	0.0
	10.00000	17.00000	0.00000	-37.728	-0.50000	0.0	0.0	0.0
	11.00000	17.00000	0.00000	-38.271	-0.50000	0.0	0.0	0.0
	12.00000	17.00000	0.00000	-38.733	-0.50000	0.0	0.0	0.0
	13.00000	17.00000	0.00000	-39.124	-0.50000	0.0	0.0	0.0
	14.00000	17.00000	0.00000	-39.452	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	15.00000	17.00000	0.00000	-39.723	-0.50000	0.0	0.0	0.0
	16.00000	17.00000	0.00000	-39.942	-0.50000	0.0	0.0	0.0
	17.00000	17.00000	0.00000	-40.113	-0.50000	0.0	0.0	0.0
	18.00000	17.00000	0.00000	-40.237	-0.50000	0.0	0.0	0.0
	19.00000	17.00000	0.00000	-40.316	-0.50000	0.0	0.0	0.0
	20.00000	17.00000	0.00000	-40.350	-0.50000	0.0	0.0	0.0
	21.00000	17.00000	0.00000	-40.339	-0.50000	0.0	0.0	0.0
	22.00000	17.00000	0.00000	-40.281	-0.50000	0.0	0.0	0.0
	23.00000	17.00000	0.00000	-40.174	-0.50000	0.0	0.0	0.0
	24.00000	17.00000	0.00000	-40.014	-0.50000	0.0	0.0	0.0
	25.00000	17.00000	0.00000	-39.798	-0.50000	0.0	0.0	0.0
	26.00000	17.00000	0.00000	-39.520	-0.50000	0.0	0.0	0.0
	27.00000	17.00000	0.00000	-39.173	-0.50000	0.0	0.0	0.0
	28.00000	17.00000	0.00000	-38.748	-0.50000	0.0	0.0	0.0
	29.00000	17.00000	0.00000	-38.235	-0.50000	0.0	0.0	0.0
	30.00000	17.00000	0.00000	-37.619	-0.50000	0.0	0.0	0.0
	31.00000	17.00000	0.00000	-36.882	-0.50000	0.0	0.0	0.0
	32.00000	17.00000	0.00000	-35.999	-0.50000	0.0	0.0	0.0
	33.00000	17.00000	0.00000	-34.935	-0.50000	0.0	0.0	0.0
	34.00000	17.00000	0.00000	-33.641	-0.50000	0.0	0.0	0.0
	35.00000	17.00000	0.00000	-32.036	-0.50000	0.0	0.0	0.0
	36.00000	17.00000	0.00000	-29.981	-0.50000	0.0	0.0	0.0
	37.00000	17.00000	0.00000	-27.189	-0.50000	0.0	0.0	0.0
	38.00000	17.00000	0.00000	-22.006	-0.50000	0.0	0.0	0.0
	39.00000	17.00000	0.00000	-16.818	-0.50000	0.0	0.0	0.0
	40.00000	17.00000	0.00000	-14.010	-0.50000	0.0	0.0	0.0
	41.00000	17.00000	0.00000	-11.930	-0.50000	0.0	0.0	0.0
	42.00000	17.00000	0.00000	-10.288	-0.50000	0.0	0.0	0.0
	43.00000	17.00000	0.00000	-8.9464	-0.50000	0.0	0.0	0.0
	44.00000	17.00000	0.00000	-7.8245	-0.50000	0.0	0.0	0.0
	45.00000	17.00000	0.00000	-6.8717	-0.50000	0.0	0.0	0.0
	46.00000	17.00000	0.00000	-6.0530	-0.50000	0.0	0.0	0.0
	47.00000	17.00000	0.00000	-5.3430	-0.50000	0.0	0.0	0.0
	48.00000	17.00000	0.00000	-4.7228	-0.50000	0.0	0.0	0.0
	49.00000	17.00000	0.00000	-4.1778	-0.50000	0.0	0.0	0.0
	50.00000	17.00000	0.00000	-3.6965	-0.50000	0.0	0.0	0.0
	51.00000	17.00000	0.00000	-3.2696	-0.50000	0.0	0.0	0.0
	52.00000	17.00000	0.00000	-2.8896	-0.50000	0.0	0.0	0.0
	53.00000	17.00000	0.00000	-2.5503	-0.50000	0.0	0.0	0.0
	54.00000	17.00000	0.00000	-2.2465	-0.50000	0.0	0.0	0.0
	55.00000	17.00000	0.00000	-1.9739	-0.50000	0.0	0.0	0.0
	56.00000	17.00000	0.00000	-1.7288	-0.50000	0.0	0.0	0.0
	57.00000	17.00000	0.00000	-1.5079	-0.50000	0.0	0.0	0.0
	58.00000	17.00000	0.00000	-1.3087	-0.50000	0.0	0.0	0.0
	59.00000	17.00000	0.00000	-1.1287	-0.50000	0.0	0.0	0.0
	60.00000	17.00000	0.00000	-0.96594	-0.50000	0.0	0.0	0.0
	-20.00000	18.00000	0.00000	-1.0261	-0.50000	0.0	0.0	0.0
	-19.00000	18.00000	0.00000	-1.1973	-0.50000	0.0	0.0	0.0
	-18.00000	18.00000	0.00000	-1.3871	-0.50000	0.0	0.0	0.0
	-17.00000	18.00000	0.00000	-1.5980	-0.50000	0.0	0.0	0.0
	-16.00000	18.00000	0.00000	-1.8327	-0.50000	0.0	0.0	0.0
	-15.00000	18.00000	0.00000	-2.0943	-0.50000	0.0	0.0	0.0
	-14.00000	18.00000	0.00000	-2.3869	-0.50000	0.0	0.0	0.0
	-13.00000	18.00000	0.00000	-2.7148	-0.50000	0.0	0.0	0.0
	-12.00000	18.00000	0.00000	-3.0836	-0.50000	0.0	0.0	0.0
	-11.00000	18.00000	0.00000	-3.5000	-0.50000	0.0	0.0	0.0
	-10.00000	18.00000	0.00000	-3.9723	-0.50000	0.0	0.0	0.0
	-9.00000	18.00000	0.00000	-4.5107	-0.50000	0.0	0.0	0.0
	-8.00000	18.00000	0.00000	-5.1286	-0.50000	0.0	0.0	0.0
	-7.00000	18.00000	0.00000	-5.8431	-0.50000	0.0	0.0	0.0
	-6.00000	18.00000	0.00000	-6.6777	-0.50000	0.0	0.0	0.0
	-5.00000	18.00000	0.00000	-7.6649	-0.50000	0.0	0.0	0.0
	-4.00000	18.00000	0.00000	-8.8529	-0.50000	0.0	0.0	0.0
	-3.00000	18.00000	0.00000	-10.319	-0.50000	0.0	0.0	0.0
	-2.00000	18.00000	0.00000	-12.202	-0.50000	0.0	0.0	0.0
	-1.00000	18.00000	0.00000	-14.799	-0.50000	0.0	0.0	0.0
	0.00000	18.00000	0.00000	-19.800	-0.50000	0.0	0.0	0.0
	1.00000	18.00000	0.00000	-24.890	-0.50000	0.0	0.0	0.0
	2.00000	18.00000	0.00000	-27.724	-0.50000	0.0	0.0	0.0
	3.00000	18.00000	0.00000	-29.915	-0.50000	0.0	0.0	0.0
	4.00000	18.00000	0.00000	-31.685	-0.50000	0.0	0.0	0.0
	5.00000	18.00000	0.00000	-33.138	-0.50000	0.0	0.0	0.0
	6.00000	18.00000	0.00000	-34.344	-0.50000	0.0	0.0	0.0
	7.00000	18.00000	0.00000	-35.356	-0.50000	0.0	0.0	0.0
	8.00000	18.00000	0.00000	-36.211	-0.50000	0.0	0.0	0.0
	9.00000	18.00000	0.00000	-36.939	-0.50000	0.0	0.0	0.0
	10.00000	18.00000	0.00000	-37.560	-0.50000	0.0	0.0	0.0
	11.00000	18.00000	0.00000	-38.091	-0.50000	0.0	0.0	0.0
	12.00000	18.00000	0.00000	-38.543	-0.50000	0.0	0.0	0.0
	13.00000	18.00000	0.00000	-38.928	-0.50000	0.0	0.0	0.0
	14.00000	18.00000	0.00000	-39.252	-0.50000	0.0	0.0	0.0
	15.00000	18.00000	0.00000	-39.521	-0.50000	0.0	0.0	0.0
	16.00000	18.00000	0.00000	-39.740	-0.50000	0.0	0.0	0.0
	17.00000	18.00000	0.00000	-39.912	-0.50000	0.0	0.0	0.0
	18.00000	18.00000	0.00000	-40.039	-0.50000	0.0	0.0	0.0
	19.00000	18.00000	0.00000	-40.122	-0.50000	0.0	0.0	0.0
	20.00000	18.00000	0.00000	-40.161	-0.50000	0.0	0.0	0.0
	21.00000	18.00000	0.00000	-40.156	-0.50000	0.0	0.0	0.0
	22.00000	18.00000	0.00000	-40.105	-0.50000	0.0	0.0	0.0
	23.00000	18.00000	0.00000	-40.005	-0.50000	0.0	0.0	0.0
	24.00000	18.00000	0.00000	-39.853	-0.50000	0.0	0.0	0.0
	25.00000	18.00000	0.00000	-39.644	-0.50000	0.0	0.0	0.0
	26.00000	18.00000	0.00000	-39.373	-0.50000	0.0	0.0	0.0
	27.00000	18.00000	0.00000	-39.033	-0.50000	0.0	0.0	0.0
	28.00000	18.00000	0.00000	-38.616	-0.50000	0.0	0.0	0.0
	29.00000	18.00000	0.00000	-38.109	-0.50000	0.0	0.0	0.0
	30.00000	18.00000	0.00000	-37.500	-0.50000	0.0	0.0	0.0
	31.00000	18.00000	0.00000	-36.770	-0.50000	0.0	0.0	0.0
	32.00000	18.00000	0.00000	-35.893	-0.50000	0.0	0.0	0.0
	33.00000	18.00000	0.00000	-34.836	-0.50000	0.0	0.0	0.0
	34.00000	18.00000	0.00000	-33.548	-0.50000	0.0	0.0	0.0
	35.00000	18.00000	0.00000	-31.949	-0.50000	0.0	0.0	0.0
	36.00000	18.00000	0.00000	-29.901	-0.50000	0.0	0.0	0.0
	37.00000	18.00000	0.00000	-27.114	-0.50000	0.0	0.0	0.0
	38.00000	18.00000	0.00000	-21.937	-0.50000	0.0	0.0	0.0
	39.00000	18.00000	0.00000	-16.755	-0.50000	0.0	0.0	0.0
	40.00000	18.00000	0.00000	-13.953	-0.50000	0.0	0.0	0.0
	41.00000	18.00000	0.00000	-11.878	-0.50000	0.0	0.0	0.0
	42.00000	18.00000	0.00000	-10.241	-0.50000	0.0	0.0	0.0
	43.00000	18.00000	0.00000	-8.9038	-0.50000	0.0	0.0	0.0
	44.00000	18.00000	0.00000	-7.7862	-0.50000	0.0	0.0	0.0
	45.00000	18.00000	0.00000	-6.8374	-0.50000	0.0	0.0	0.0
	46.00000	18.00000	0.00000	-6.0222	-0.50000	0.0	0.0	0.0
	47.00000	18.00000	0.00000	-5.3155	-0.50000	0.0	0.0	0.0
	48.00000	18.00000	0.00000	-4.6983	-0.50000	0.0	0.0	0.0
	49.00000	18.00000	0.00000	-4.1560	-0.50000	0.0	0.0	0.0
	50.00000	18.00000	0.00000	-3.6771	-0.50000	0.0	0.0	0.0
	51.00000	18.00000	0.00000	-3.2523	-0.50000	0.0	0.0	0.0
	52.00000	18.00000	0.00000	-2.8742	-0.50000	0.0	0.0	0.0
	53.00000	18.00000	0.00000	-2.5366	-0.50000	0.0	0.0	0.0
	54.00000	18.00000	0.00000	-2.2344	-0.50000	0.0	0.0	0.0
	55.00000	18.00000	0.00000	-1.9631	-0.50000	0.0	0.0	0.0
	56.00000	18.00000	0.00000	-1.7191	-0.50000	0.0	0.0	0.0
	57.00000	18.00000	0.00000	-1.4993	-0.50000	0.0	0.0	0.0
	58.00000	18.00000	0.00000	-1.3011	-0.50000	0.0	0.0	0.0
	59.00000	18.00000	0.00000	-1.1219	-0.50000	0.0	0.0	0.0
	60.00000	18.00000	0.00000	-0.95988	-0.50000	0.0	0.0	0.0
	-20.00000	19.00000	0.00000	-1.0155	-0.50000	0.0	0.0	0.0
	-19.00000	19.00000	0.00000	-1.1854	-0.50000	0.0	0.0	0.0
	-18.00000	19.00000	0.00000	-1.3739	-0.50000	0.0	0.0	0.0
	-17.00000	19.00000	0.00000	-1.5834	-0.50000	0.0	0.0	0.0
	-16.00000	19.00000	0.00000	-1.8164	-0.50000	0.0	0.0	0.0
	-15.00000	19.00000	0.00000	-2.0764	-0.50000	0.0	0.0	0.0
	-14.00000	19.00000	0.00000	-2.3672	-0.50000	0.0	0.0	0.0
	-13.00000	19.00000	0.00000	-2.6933	-0.50000	0.0	0.0	0.0
	-12.00000	19.00000	0.00000	-3.0602	-0.50000	0.

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-6.00000	19.00000	0.00000	-6.6564	-0.50000	0.0	0.0	0.0
	-5.00000	19.00000	0.00000	-7.6524	-0.50000	0.0	0.0	0.0
	-4.00000	19.00000	0.00000	-8.8562	-0.50000	0.0	0.0	0.0
	-3.00000	19.00000	0.00000	-10.349	-0.50000	0.0	0.0	0.0
	-2.00000	19.00000	0.00000	-12.274	-0.50000	0.0	0.0	0.0
	-1.00000	19.00000	0.00000	-14.931	-0.50000	0.0	0.0	0.0
	0.00000	19.00000	0.00000	-19.993	-0.50000	0.0	0.0	0.0
	1.00000	19.00000	0.00000	-25.102	-0.50000	0.0	0.0	0.0
	2.00000	19.00000	0.00000	-27.884	-0.50000	0.0	0.0	0.0
	3.00000	19.00000	0.00000	-29.983	-0.50000	0.0	0.0	0.0
	4.00000	19.00000	0.00000	-31.662	-0.50000	0.0	0.0	0.0
	5.00000	19.00000	0.00000	-33.044	-0.50000	0.0	0.0	0.0
	6.00000	19.00000	0.00000	-34.197	-0.50000	0.0	0.0	0.0
	7.00000	19.00000	0.00000	-35.169	-0.50000	0.0	0.0	0.0
	8.00000	19.00000	0.00000	-35.995	-0.50000	0.0	0.0	0.0
	9.00000	19.00000	0.00000	-36.699	-0.50000	0.0	0.0	0.0
	10.00000	19.00000	0.00000	-37.303	-0.50000	0.0	0.0	0.0
	11.00000	19.00000	0.00000	-37.820	-0.50000	0.0	0.0	0.0
	12.00000	19.00000	0.00000	-38.263	-0.50000	0.0	0.0	0.0
	13.00000	19.00000	0.00000	-38.641	-0.50000	0.0	0.0	0.0
	14.00000	19.00000	0.00000	-38.961	-0.50000	0.0	0.0	0.0
	15.00000	19.00000	0.00000	-39.228	-0.50000	0.0	0.0	0.0
	16.00000	19.00000	0.00000	-39.447	-0.50000	0.0	0.0	0.0
	17.00000	19.00000	0.00000	-39.621	-0.50000	0.0	0.0	0.0
	18.00000	19.00000	0.00000	-39.752	-0.50000	0.0	0.0	0.0
	19.00000	19.00000	0.00000	-39.840	-0.50000	0.0	0.0	0.0
	20.00000	19.00000	0.00000	-39.886	-0.50000	0.0	0.0	0.0
	21.00000	19.00000	0.00000	-39.889	-0.50000	0.0	0.0	0.0
	22.00000	19.00000	0.00000	-39.846	-0.50000	0.0	0.0	0.0
	23.00000	19.00000	0.00000	-39.755	-0.50000	0.0	0.0	0.0
	24.00000	19.00000	0.00000	-39.613	-0.50000	0.0	0.0	0.0
	25.00000	19.00000	0.00000	-39.414	-0.50000	0.0	0.0	0.0
	26.00000	19.00000	0.00000	-39.153	-0.50000	0.0	0.0	0.0
	27.00000	19.00000	0.00000	-38.823	-0.50000	0.0	0.0	0.0
	28.00000	19.00000	0.00000	-38.415	-0.50000	0.0	0.0	0.0
	29.00000	19.00000	0.00000	-37.918	-0.50000	0.0	0.0	0.0
	30.00000	19.00000	0.00000	-37.318	-0.50000	0.0	0.0	0.0
	31.00000	19.00000	0.00000	-36.597	-0.50000	0.0	0.0	0.0
	32.00000	19.00000	0.00000	-35.729	-0.50000	0.0	0.0	0.0
	33.00000	19.00000	0.00000	-34.681	-0.50000	0.0	0.0	0.0
	34.00000	19.00000	0.00000	-33.402	-0.50000	0.0	0.0	0.0
	35.00000	19.00000	0.00000	-31.812	-0.50000	0.0	0.0	0.0
	36.00000	19.00000	0.00000	-29.773	-0.50000	0.0	0.0	0.0
	37.00000	19.00000	0.00000	-26.996	-0.50000	0.0	0.0	0.0
	38.00000	19.00000	0.00000	-21.829	-0.50000	0.0	0.0	0.0
	39.00000	19.00000	0.00000	-16.655	-0.50000	0.0	0.0	0.0
	40.00000	19.00000	0.00000	-13.862	-0.50000	0.0	0.0	0.0
	41.00000	19.00000	0.00000	-11.795	-0.50000	0.0	0.0	0.0
	42.00000	19.00000	0.00000	-10.166	-0.50000	0.0	0.0	0.0
	43.00000	19.00000	0.00000	-8.8360	-0.50000	0.0	0.0	0.0
	44.00000	19.00000	0.00000	-7.7253	-0.50000	0.0	0.0	0.0
	45.00000	19.00000	0.00000	-6.7827	-0.50000	0.0	0.0	0.0
	46.00000	19.00000	0.00000	-5.9734	-0.50000	0.0	0.0	0.0
	47.00000	19.00000	0.00000	-5.2719	-0.50000	0.0	0.0	0.0
	48.00000	19.00000	0.00000	-4.6595	-0.50000	0.0	0.0	0.0
	49.00000	19.00000	0.00000	-4.1214	-0.50000	0.0	0.0	0.0
	50.00000	19.00000	0.00000	-3.6463	-0.50000	0.0	0.0	0.0
	51.00000	19.00000	0.00000	-3.2249	-0.50000	0.0	0.0	0.0
	52.00000	19.00000	0.00000	-2.8499	-0.50000	0.0	0.0	0.0
	53.00000	19.00000	0.00000	-2.5150	-0.50000	0.0	0.0	0.0
	54.00000	19.00000	0.00000	-2.2151	-0.50000	0.0	0.0	0.0
	55.00000	19.00000	0.00000	-1.9460	-0.50000	0.0	0.0	0.0
	56.00000	19.00000	0.00000	-1.7039	-0.50000	0.0	0.0	0.0
	57.00000	19.00000	0.00000	-1.4858	-0.50000	0.0	0.0	0.0
	58.00000	19.00000	0.00000	-1.2890	-0.50000	0.0	0.0	0.0
	59.00000	19.00000	0.00000	-1.1111	-0.50000	0.0	0.0	0.0
	60.00000	19.00000	0.00000	-0.95030	-0.50000	0.0	0.0	0.0
	-20.00000	20.00000	0.00000	-1.0008	-0.50000	0.0	0.0	0.0
	-19.00000	20.00000	0.00000	-1.1690	-0.50000	0.0	0.0	0.0
	-18.00000	20.00000	0.00000	-1.3556	-0.50000	0.0	0.0	0.0
	-17.00000	20.00000	0.00000	-1.5628	-0.50000	0.0	0.0	0.0
	-16.00000	20.00000	0.00000	-1.7935	-0.50000	0.0	0.0	0.0
	-15.00000	20.00000	0.00000	-2.0509	-0.50000	0.0	0.0	0.0
	-14.00000	20.00000	0.00000	-2.3387	-0.50000	0.0	0.0	0.0
	-13.00000	20.00000	0.00000	-2.6615	-0.50000	0.0	0.0	0.0
	-12.00000	20.00000	0.00000	-3.0251	-0.50000	0.0	0.0	0.0
	-11.00000	20.00000	0.00000	-3.4361	-0.50000	0.0	0.0	0.0
	-10.00000	20.00000	0.00000	-3.9031	-0.50000	0.0	0.0	0.0
	-9.00000	20.00000	0.00000	-4.4369	-0.50000	0.0	0.0	0.0
	-8.00000	20.00000	0.00000	-5.0514	-0.50000	0.0	0.0	0.0
	-7.00000	20.00000	0.00000	-5.7650	-0.50000	0.0	0.0	0.0
	-6.00000	20.00000	0.00000	-6.6026	-0.50000	0.0	0.0	0.0
	-5.00000	20.00000	0.00000	-7.5995	-0.50000	0.0	0.0	0.0
	-4.00000	20.00000	0.00000	-8.8078	-0.50000	0.0	0.0	0.0
	-3.00000	20.00000	0.00000	-10.310	-0.50000	0.0	0.0	0.0
	-2.00000	20.00000	0.00000	-12.249	-0.50000	0.0	0.0	0.0
	-1.00000	20.00000	0.00000	-14.924	-0.50000	0.0	0.0	0.0
	0.00000	20.00000	0.00000	-19.998	-0.50000	0.0	0.0	0.0
	1.00000	20.00000	0.00000	-25.097	-0.50000	0.0	0.0	0.0
	2.00000	20.00000	0.00000	-27.844	-0.50000	0.0	0.0	0.0
	3.00000	20.00000	0.00000	-29.888	-0.50000	0.0	0.0	0.0
	4.00000	20.00000	0.00000	-31.510	-0.50000	0.0	0.0	0.0
	5.00000	20.00000	0.00000	-32.838	-0.50000	0.0	0.0	0.0
	6.00000	20.00000	0.00000	-33.947	-0.50000	0.0	0.0	0.0
	7.00000	20.00000	0.00000	-34.883	-0.50000	0.0	0.0	0.0
	8.00000	20.00000	0.00000	-35.680	-0.50000	0.0	0.0	0.0
	9.00000	20.00000	0.00000	-36.361	-0.50000	0.0	0.0	0.0
	10.00000	20.00000	0.00000	-36.947	-0.50000	0.0	0.0	0.0
	11.00000	20.00000	0.00000	-37.450	-0.50000	0.0	0.0	0.0
	12.00000	20.00000	0.00000	-37.883	-0.50000	0.0	0.0	0.0
	13.00000	20.00000	0.00000	-38.253	-0.50000	0.0	0.0	0.0
	14.00000	20.00000	0.00000	-38.569	-0.50000	0.0	0.0	0.0
	15.00000	20.00000	0.00000	-38.834	-0.50000	0.0	0.0	0.0
	16.00000	20.00000	0.00000	-39.054	-0.50000	0.0	0.0	0.0
	17.00000	20.00000	0.00000	-39.231	-0.50000	0.0	0.0	0.0
	18.00000	20.00000	0.00000	-39.366	-0.50000	0.0	0.0	0.0
	19.00000	20.00000	0.00000	-39.462	-0.50000	0.0	0.0	0.0
	20.00000	20.00000	0.00000	-39.516	-0.50000	0.0	0.0	0.0
	21.00000	20.00000	0.00000	-39.529	-0.50000	0.0	0.0	0.0
	22.00000	20.00000	0.00000	-39.498	-0.50000	0.0	0.0	0.0
	23.00000	20.00000	0.00000	-39.420	-0.50000	0.0	0.0	0.0
	24.00000	20.00000	0.00000	-39.290	-0.50000	0.0	0.0	0.0
	25.00000	20.00000	0.00000	-39.104	-0.50000	0.0	0.0	0.0
	26.00000	20.00000	0.00000	-38.855	-0.50000	0.0	0.0	0.0
	27.00000	20.00000	0.00000	-38.538	-0.50000	0.0	0.0	0.0
	28.00000	20.00000	0.00000	-38.142	-0.50000	0.0	0.0	0.0
	29.00000	20.00000	0.00000	-37.657	-0.50000	0.0	0.0	0.0
	30.00000	20.00000	0.00000	-37.069	-0.50000	0.0	0.0	0.0
	31.00000	20.00000	0.00000	-36.359	-0.50000	0.0	0.0	0.0
	32.00000	20.00000	0.00000	-35.504	-0.50000	0.0	0.0	0.0
	33.00000	20.00000	0.00000	-34.468	-0.50000	0.0	0.0	0.0
	34.00000	20.00000	0.00000	-33.201	-0.50000	0.0	0.0	0.0
	35.00000	20.00000	0.00000	-31.624	-0.50000	0.0	0.0	0.0
	36.00000	20.00000	0.00000	-29.597	-0.50000	0.0	0.0	0.0
	37.00000	20.00000	0.00000	-26.833	-0.50000	0.0	0.0	0.0
	38.00000	20.00000	0.00000	-21.678	-0.50000	0.0	0.0	0.0
	39.00000	20.00000	0.00000	-16.517	-0.50000	0.0	0.0	0.0
	40.00000	20.00000	0.00000	-13.735	-0.50000	0.0	0.0	0.0
	41.00000	20.00000	0.00000	-11.680	-0.50000	0.0	0.0	0.0
	42.00000	20.00000	0.00000	-10.062	-0.50000	0.0	0.0	0.0
	43.00000	20.00000	0.00000	-8.7426	-0.50000	0.0	0.0	0.0
	44.00000	20.00000	0.00000	-7.6414	-0.50000	0.0	0.0	0.0
	45.00000	20.00000	0.00000	-6.7077	-0.50000	0.0	0.0	0.0
	46.00000	20.00000	0.00000	-5.9064	-0.50000	0.0	0.0	0.0
	47.00000	20.00000	0.00000	-5.2122	-0.50000	0.0	0.0	0.0
	48.00000	20.00000	0.00000	-4.6063	-0.50000	0.0	0.0	0.0
	49.00000	20.00000	0.00000	-4.0741	-0.50000	0.0	0.0	0.0
	50.00000	20.00000	0.00000	-3.6042	-0.50000	0.0	0.0	0.0
	51.00000	20.00000	0.00000	-3.1876	-0.50000	0.0	0.0	0.0
	52.00000	20.00000	0.00000	-2.8167	-0.50000	0.0	0.0	0.0
	53.00000	20.00000	0.00000	-2.4855	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	54.00000	20.00000	0.00000	-2.1889	-0.50000	0.0	0.0	0.0
	55.00000	20.00000	0.00000	-1.9226	-0.50000	0.0	0.0	0.0
	56.00000	20.00000	0.00000	-1.6831	-0.50000	0.0	0.0	0.0
	57.00000	20.00000	0.00000	-1.4673	-0.50000	0.0	0.0	0.0
	58.00000	20.00000	0.00000	-1.2725	-0.50000	0.0	0.0	0.0
	59.00000	20.00000	0.00000	-1.0965	-0.50000	0.0	0.0	0.0
	60.00000	20.00000	0.00000	-0.93727	-0.50000	0.0	0.0	0.0
	-20.00000	21.00000	0.00000	-0.98221	-0.50000	0.0	0.0	0.0
	-19.00000	21.00000	0.00000	-1.1481	-0.50000	0.0	0.0	0.0
	-18.00000	21.00000	0.00000	-1.3321	-0.50000	0.0	0.0	0.0
	-17.00000	21.00000	0.00000	-1.5365	-0.50000	0.0	0.0	0.0
	-16.00000	21.00000	0.00000	-1.7639	-0.50000	0.0	0.0	0.0
	-15.00000	21.00000	0.00000	-2.0176	-0.50000	0.0	0.0	0.0
	-14.00000	21.00000	0.00000	-2.3014	-0.50000	0.0	0.0	0.0
	-13.00000	21.00000	0.00000	-2.6197	-0.50000	0.0	0.0	0.0
	-12.00000	21.00000	0.00000	-2.9781	-0.50000	0.0	0.0	0.0
	-11.00000	21.00000	0.00000	-3.3835	-0.50000	0.0	0.0	0.0
	-10.00000	21.00000	0.00000	-3.8444	-0.50000	0.0	0.0	0.0
	-9.00000	21.00000	0.00000	-4.3714	-0.50000	0.0	0.0	0.0
	-8.00000	21.00000	0.00000	-4.9788	-0.50000	0.0	0.0	0.0
	-7.00000	21.00000	0.00000	-5.6849	-0.50000	0.0	0.0	0.0
	-6.00000	21.00000	0.00000	-6.5150	-0.50000	0.0	0.0	0.0
	-5.00000	21.00000	0.00000	-7.5047	-0.50000	0.0	0.0	0.0
	-4.00000	21.00000	0.00000	-8.7063	-0.50000	0.0	0.0	0.0
	-3.00000	21.00000	0.00000	-10.203	-0.50000	0.0	0.0	0.0
	-2.00000	21.00000	0.00000	-12.137	-0.50000	0.0	0.0	0.0
	-1.00000	21.00000	0.00000	-14.804	-0.50000	0.0	0.0	0.0
	0.00000	21.00000	0.00000	-19.865	-0.50000	0.0	0.0	0.0
	1.00000	21.00000	0.00000	-24.942	-0.50000	0.0	0.0	0.0
	2.00000	21.00000	0.00000	-27.654	-0.50000	0.0	0.0	0.0
	3.00000	21.00000	0.00000	-29.654	-0.50000	0.0	0.0	0.0
	4.00000	21.00000	0.00000	-31.229	-0.50000	0.0	0.0	0.0
	5.00000	21.00000	0.00000	-32.513	-0.50000	0.0	0.0	0.0
	6.00000	21.00000	0.00000	-33.582	-0.50000	0.0	0.0	0.0
	7.00000	21.00000	0.00000	-34.484	-0.50000	0.0	0.0	0.0
	8.00000	21.00000	0.00000	-35.253	-0.50000	0.0	0.0	0.0
	9.00000	21.00000	0.00000	-35.912	-0.50000	0.0	0.0	0.0
	10.00000	21.00000	0.00000	-36.479	-0.50000	0.0	0.0	0.0
	11.00000	21.00000	0.00000	-36.968	-0.50000	0.0	0.0	0.0
	12.00000	21.00000	0.00000	-37.390	-0.50000	0.0	0.0	0.0
	13.00000	21.00000	0.00000	-37.753	-0.50000	0.0	0.0	0.0
	14.00000	21.00000	0.00000	-38.064	-0.50000	0.0	0.0	0.0
	15.00000	21.00000	0.00000	-38.327	-0.50000	0.0	0.0	0.0
	16.00000	21.00000	0.00000	-38.548	-0.50000	0.0	0.0	0.0
	17.00000	21.00000	0.00000	-38.729	-0.50000	0.0	0.0	0.0
	18.00000	21.00000	0.00000	-38.872	-0.50000	0.0	0.0	0.0
	19.00000	21.00000	0.00000	-38.976	-0.50000	0.0	0.0	0.0
	20.00000	21.00000	0.00000	-39.043	-0.50000	0.0	0.0	0.0
	21.00000	21.00000	0.00000	-39.069	-0.50000	0.0	0.0	0.0
	22.00000	21.00000	0.00000	-39.053	-0.50000	0.0	0.0	0.0
	23.00000	21.00000	0.00000	-38.990	-0.50000	0.0	0.0	0.0
	24.00000	21.00000	0.00000	-38.877	-0.50000	0.0	0.0	0.0
	25.00000	21.00000	0.00000	-38.707	-0.50000	0.0	0.0	0.0
	26.00000	21.00000	0.00000	-38.475	-0.50000	0.0	0.0	0.0
	27.00000	21.00000	0.00000	-38.172	-0.50000	0.0	0.0	0.0
	28.00000	21.00000	0.00000	-37.792	-0.50000	0.0	0.0	0.0
	29.00000	21.00000	0.00000	-37.321	-0.50000	0.0	0.0	0.0
	30.00000	21.00000	0.00000	-36.748	-0.50000	0.0	0.0	0.0
	31.00000	21.00000	0.00000	-36.053	-0.50000	0.0	0.0	0.0
	32.00000	21.00000	0.00000	-35.213	-0.50000	0.0	0.0	0.0
	33.00000	21.00000	0.00000	-34.192	-0.50000	0.0	0.0	0.0
	34.00000	21.00000	0.00000	-32.941	-0.50000	0.0	0.0	0.0
	35.00000	21.00000	0.00000	-31.379	-0.50000	0.0	0.0	0.0
	36.00000	21.00000	0.00000	-29.369	-0.50000	0.0	0.0	0.0
	37.00000	21.00000	0.00000	-26.621	-0.50000	0.0	0.0	0.0
	38.00000	21.00000	0.00000	-21.483	-0.50000	0.0	0.0	0.0
	39.00000	21.00000	0.00000	-16.338	-0.50000	0.0	0.0	0.0
	40.00000	21.00000	0.00000	-13.572	-0.50000	0.0	0.0	0.0
	41.00000	21.00000	0.00000	-11.532	-0.50000	0.0	0.0	0.0
	42.00000	21.00000	0.00000	-9.9290	-0.50000	0.0	0.0	0.0
	43.00000	21.00000	0.00000	-8.6229	-0.50000	0.0	0.0	0.0
	44.00000	21.00000	0.00000	-7.5343	-0.50000	0.0	0.0	0.0
	45.00000	21.00000	0.00000	-6.6121	-0.50000	0.0	0.0	0.0
	46.00000	21.00000	0.00000	-5.8212	-0.50000	0.0	0.0	0.0
	47.00000	21.00000	0.00000	-5.1364	-0.50000	0.0	0.0	0.0
	48.00000	21.00000	0.00000	-4.5389	-0.50000	0.0	0.0	0.0
	49.00000	21.00000	0.00000	-4.0142	-0.50000	0.0	0.0	0.0
	50.00000	21.00000	0.00000	-3.5511	-0.50000	0.0	0.0	0.0
	51.00000	21.00000	0.00000	-3.1404	-0.50000	0.0	0.0	0.0
	52.00000	21.00000	0.00000	-2.7748	-0.50000	0.0	0.0	0.0
	53.00000	21.00000	0.00000	-2.4483	-0.50000	0.0	0.0	0.0
	54.00000	21.00000	0.00000	-2.1558	-0.50000	0.0	0.0	0.0
	55.00000	21.00000	0.00000	-1.8932	-0.50000	0.0	0.0	0.0
	56.00000	21.00000	0.00000	-1.6570	-0.50000	0.0	0.0	0.0
	57.00000	21.00000	0.00000	-1.4441	-0.50000	0.0	0.0	0.0
	58.00000	21.00000	0.00000	-1.2519	-0.50000	0.0	0.0	0.0
	59.00000	21.00000	0.00000	-1.0781	-0.50000	0.0	0.0	0.0
	60.00000	21.00000	0.00000	-0.92086	-0.50000	0.0	0.0	0.0
	-20.00000	22.00000	0.00000	-0.95978	-0.50000	0.0	0.0	0.0
	-19.00000	22.00000	0.00000	-1.1229	-0.50000	0.0	0.0	0.0
	-18.00000	22.00000	0.00000	-1.3037	-0.50000	0.0	0.0	0.0
	-17.00000	22.00000	0.00000	-1.5045	-0.50000	0.0	0.0	0.0
	-16.00000	22.00000	0.00000	-1.7279	-0.50000	0.0	0.0	0.0
	-15.00000	22.00000	0.00000	-1.9770	-0.50000	0.0	0.0	0.0
	-14.00000	22.00000	0.00000	-2.2555	-0.50000	0.0	0.0	0.0
	-13.00000	22.00000	0.00000	-2.5679	-0.50000	0.0	0.0	0.0
	-12.00000	22.00000	0.00000	-2.9196	-0.50000	0.0	0.0	0.0
	-11.00000	22.00000	0.00000	-3.3173	-0.50000	0.0	0.0	0.0
	-10.00000	22.00000	0.00000	-3.7695	-0.50000	0.0	0.0	0.0
	-9.00000	22.00000	0.00000	-4.2867	-0.50000	0.0	0.0	0.0
	-8.00000	22.00000	0.00000	-4.8830	-0.50000	0.0	0.0	0.0
	-7.00000	22.00000	0.00000	-5.5767	-0.50000	0.0	0.0	0.0
	-6.00000	22.00000	0.00000	-6.3930	-0.50000	0.0	0.0	0.0
	-5.00000	22.00000	0.00000	-7.3673	-0.50000	0.0	0.0	0.0
	-4.00000	22.00000	0.00000	-8.5519	-0.50000	0.0	0.0	0.0
	-3.00000	22.00000	0.00000	-10.029	-0.50000	0.0	0.0	0.0
	-2.00000	22.00000	0.00000	-11.942	-0.50000	0.0	0.0	0.0
	-1.00000	22.00000	0.00000	-14.585	-0.50000	0.0	0.0	0.0
	0.00000	22.00000	0.00000	-19.617	-0.50000	0.0	0.0	0.0
	1.00000	22.00000	0.00000	-24.658	-0.50000	0.0	0.0	0.0
	2.00000	22.00000	0.00000	-27.330	-0.50000	0.0	0.0	0.0
	3.00000	22.00000	0.00000	-29.286	-0.50000	0.0	0.0	0.0
	4.00000	22.00000	0.00000	-30.816	-0.50000	0.0	0.0	0.0
	5.00000	22.00000	0.00000	-32.058	-0.50000	0.0	0.0	0.0
	6.00000	22.00000	0.00000	-33.089	-0.50000	0.0	0.0	0.0
	7.00000	22.00000	0.00000	-33.958	-0.50000	0.0	0.0	0.0
	8.00000	22.00000	0.00000	-34.698	-0.50000	0.0	0.0	0.0
	9.00000	22.00000	0.00000	-35.334	-0.50000	0.0	0.0	0.0
	10.00000	22.00000	0.00000	-35.882	-0.50000	0.0	0.0	0.0
	11.00000	22.00000	0.00000	-36.356	-0.50000	0.0	0.0	0.0
	12.00000	22.00000	0.00000	-36.766	-0.50000	0.0	0.0	0.0
	13.00000	22.00000	0.00000	-37.121	-0.50000	0.0	0.0	0.0
	14.00000	22.00000	0.00000	-37.428	-0.50000	0.0	0.0	0.0
	15.00000	22.00000	0.00000	-37.690	-0.50000	0.0	0.0	0.0
	16.00000	22.00000	0.00000	-37.913	-0.50000	0.0	0.0	0.0
	17.00000	22.00000	0.00000	-38.100	-0.50000	0.0	0.0	0.0
	18.00000	22.00000	0.00000	-38.251	-0.50000	0.0	0.0	0.0
	19.00000	22.00000	0.00000	-38.368	-0.50000	0.0	0.0	0.0
	20.00000	22.00000	0.00000	-38.450	-0.50000	0.0	0.0	0.0
	21.00000	22.00000	0.00000	-38.494	-0.50000	0.0	0.0	0.0
	22.00000	22.00000	0.00000	-38.498	-0.50000	0.0	0.0	0.0
	23.00000	22.00000	0.00000	-38.456	-0.50000	0.0	0.0	0.0
	24.00000	22.00000	0.00000	-38.364	-0.50000	0.0	0.0	0.0
	25.00000	22.00000	0.00000	-38.215	-0.50000	0.0	0.0	0.0
	26.00000	22.00000	0.00000	-38.003	-0.50000	0.0	0.0	0.0
	27.00000	22.00000	0.00000	-37.719	-0.50000	0.0	0.0	0.0
	28.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	33.00000	22.00000	0.00000	-33.847	-0.50000	0.0	0.0	0.0
	34.00000	22.00000	0.00000	-32.615	-0.50000	0.0	0.0	0.0
	35.00000	22.00000	0.00000	-31.074	-0.50000	0.0	0.0	0.0
	36.00000	22.00000	0.00000	-29.084	-0.50000	0.0	0.0	0.0
	37.00000	22.00000	0.00000	-26.357	-0.50000	0.0	0.0	0.0
	38.00000	22.00000	0.00000	-21.240	-0.50000	0.0	0.0	0.0
	39.00000	22.00000	0.00000	-16.116	-0.50000	0.0	0.0	0.0
	40.00000	22.00000	0.00000	-13.371	-0.50000	0.0	0.0	0.0
	41.00000	22.00000	0.00000	-11.350	-0.50000	0.0	0.0	0.0
	42.00000	22.00000	0.00000	-9.7653	-0.50000	0.0	0.0	0.0
	43.00000	22.00000	0.00000	-8.4764	-0.50000	0.0	0.0	0.0
	44.00000	22.00000	0.00000	-7.4035	-0.50000	0.0	0.0	0.0
	45.00000	22.00000	0.00000	-6.4956	-0.50000	0.0	0.0	0.0
	46.00000	22.00000	0.00000	-5.7177	-0.50000	0.0	0.0	0.0
	47.00000	22.00000	0.00000	-5.0445	-0.50000	0.0	0.0	0.0
	48.00000	22.00000	0.00000	-4.4574	-0.50000	0.0	0.0	0.0
	49.00000	22.00000	0.00000	-3.9420	-0.50000	0.0	0.0	0.0
	50.00000	22.00000	0.00000	-3.4870	-0.50000	0.0	0.0	0.0
	51.00000	22.00000	0.00000	-3.0836	-0.50000	0.0	0.0	0.0
	52.00000	22.00000	0.00000	-2.7244	-0.50000	0.0	0.0	0.0
	53.00000	22.00000	0.00000	-2.4035	-0.50000	0.0	0.0	0.0
	54.00000	22.00000	0.00000	-2.1161	-0.50000	0.0	0.0	0.0
	55.00000	22.00000	0.00000	-1.8580	-0.50000	0.0	0.0	0.0
	56.00000	22.00000	0.00000	-1.6257	-0.50000	0.0	0.0	0.0
	57.00000	22.00000	0.00000	-1.4162	-0.50000	0.0	0.0	0.0
	58.00000	22.00000	0.00000	-1.2270	-0.50000	0.0	0.0	0.0
	59.00000	22.00000	0.00000	-1.0560	-0.50000	0.0	0.0	0.0
	60.00000	22.00000	0.00000	-0.90119	-0.50000	0.0	0.0	0.0
	-20.00000	23.00000	0.00000	-0.93369	-0.50000	0.0	0.0	0.0
	-19.00000	23.00000	0.00000	-1.0935	-0.50000	0.0	0.0	0.0
	-18.00000	23.00000	0.00000	-1.2706	-0.50000	0.0	0.0	0.0
	-17.00000	23.00000	0.00000	-1.4671	-0.50000	0.0	0.0	0.0
	-16.00000	23.00000	0.00000	-1.6857	-0.50000	0.0	0.0	0.0
	-15.00000	23.00000	0.00000	-1.9292	-0.50000	0.0	0.0	0.0
	-14.00000	23.00000	0.00000	-2.2014	-0.50000	0.0	0.0	0.0
	-13.00000	23.00000	0.00000	-2.5065	-0.50000	0.0	0.0	0.0
	-12.00000	23.00000	0.00000	-2.8498	-0.50000	0.0	0.0	0.0
	-11.00000	23.00000	0.00000	-3.2378	-0.50000	0.0	0.0	0.0
	-10.00000	23.00000	0.00000	-3.6788	-0.50000	0.0	0.0	0.0
	-9.00000	23.00000	0.00000	-4.1832	-0.50000	0.0	0.0	0.0
	-8.00000	23.00000	0.00000	-4.7645	-0.50000	0.0	0.0	0.0
	-7.00000	23.00000	0.00000	-5.4407	-0.50000	0.0	0.0	0.0
	-6.00000	23.00000	0.00000	-6.2367	-0.50000	0.0	0.0	0.0
	-5.00000	23.00000	0.00000	-7.1874	-0.50000	0.0	0.0	0.0
	-4.00000	23.00000	0.00000	-8.3447	-0.50000	0.0	0.0	0.0
	-3.00000	23.00000	0.00000	-9.7904	-0.50000	0.0	0.0	0.0
	-2.00000	23.00000	0.00000	-11.667	-0.50000	0.0	0.0	0.0
	-1.00000	23.00000	0.00000	-14.269	-0.50000	0.0	0.0	0.0
	0.00000	23.00000	0.00000	-19.255	-0.50000	0.0	0.0	0.0
	1.00000	23.00000	0.00000	-24.248	-0.50000	0.0	0.0	0.0
	2.00000	23.00000	0.00000	-26.869	-0.50000	0.0	0.0	0.0
	3.00000	23.00000	0.00000	-28.775	-0.50000	0.0	0.0	0.0
	4.00000	23.00000	0.00000	-30.257	-0.50000	0.0	0.0	0.0
	5.00000	23.00000	0.00000	-31.454	-0.50000	0.0	0.0	0.0
	6.00000	23.00000	0.00000	-32.446	-0.50000	0.0	0.0	0.0
	7.00000	23.00000	0.00000	-33.280	-0.50000	0.0	0.0	0.0
	8.00000	23.00000	0.00000	-33.992	-0.50000	0.0	0.0	0.0
	9.00000	23.00000	0.00000	-34.603	-0.50000	0.0	0.0	0.0
	10.00000	23.00000	0.00000	-35.131	-0.50000	0.0	0.0	0.0
	11.00000	23.00000	0.00000	-35.589	-0.50000	0.0	0.0	0.0
	12.00000	23.00000	0.00000	-35.988	-0.50000	0.0	0.0	0.0
	13.00000	23.00000	0.00000	-36.335	-0.50000	0.0	0.0	0.0
	14.00000	23.00000	0.00000	-36.637	-0.50000	0.0	0.0	0.0
	15.00000	23.00000	0.00000	-36.899	-0.50000	0.0	0.0	0.0
	16.00000	23.00000	0.00000	-37.125	-0.50000	0.0	0.0	0.0
	17.00000	23.00000	0.00000	-37.319	-0.50000	0.0	0.0	0.0
	18.00000	23.00000	0.00000	-37.482	-0.50000	0.0	0.0	0.0
	19.00000	23.00000	0.00000	-37.615	-0.50000	0.0	0.0	0.0
	20.00000	23.00000	0.00000	-37.717	-0.50000	0.0	0.0	0.0
	21.00000	23.00000	0.00000	-37.786	-0.50000	0.0	0.0	0.0
	22.00000	23.00000	0.00000	-37.817	-0.50000	0.0	0.0	0.0
	23.00000	23.00000	0.00000	-37.803	-0.50000	0.0	0.0	0.0
	24.00000	23.00000	0.00000	-37.739	-0.50000	0.0	0.0	0.0
	25.00000	23.00000	0.00000	-37.617	-0.50000	0.0	0.0	0.0
	26.00000	23.00000	0.00000	-37.429	-0.50000	0.0	0.0	0.0
	27.00000	23.00000	0.00000	-37.169	-0.50000	0.0	0.0	0.0
	28.00000	23.00000	0.00000	-36.829	-0.50000	0.0	0.0	0.0
	29.00000	23.00000	0.00000	-36.397	-0.50000	0.0	0.0	0.0
	30.00000	23.00000	0.00000	-35.862	-0.50000	0.0	0.0	0.0
	31.00000	23.00000	0.00000	-35.206	-0.50000	0.0	0.0	0.0
	32.00000	23.00000	0.00000	-34.405	-0.50000	0.0	0.0	0.0
	33.00000	23.00000	0.00000	-33.426	-0.50000	0.0	0.0	0.0
	34.00000	23.00000	0.00000	-32.217	-0.50000	0.0	0.0	0.0
	35.00000	23.00000	0.00000	-30.700	-0.50000	0.0	0.0	0.0
	36.00000	23.00000	0.00000	-28.736	-0.50000	0.0	0.0	0.0
	37.00000	23.00000	0.00000	-26.035	-0.50000	0.0	0.0	0.0
	38.00000	23.00000	0.00000	-20.945	-0.50000	0.0	0.0	0.0
	39.00000	23.00000	0.00000	-15.848	-0.50000	0.0	0.0	0.0
	40.00000	23.00000	0.00000	-13.128	-0.50000	0.0	0.0	0.0
	41.00000	23.00000	0.00000	-11.132	-0.50000	0.0	0.0	0.0
	42.00000	23.00000	0.00000	-9.5697	-0.50000	0.0	0.0	0.0
	43.00000	23.00000	0.00000	-8.3020	-0.50000	0.0	0.0	0.0
	44.00000	23.00000	0.00000	-7.2485	-0.50000	0.0	0.0	0.0
	45.00000	23.00000	0.00000	-6.3582	-0.50000	0.0	0.0	0.0
	46.00000	23.00000	0.00000	-5.5959	-0.50000	0.0	0.0	0.0
	47.00000	23.00000	0.00000	-4.9367	-0.50000	0.0	0.0	0.0
	48.00000	23.00000	0.00000	-4.3620	-0.50000	0.0	0.0	0.0
	49.00000	23.00000	0.00000	-3.8576	-0.50000	0.0	0.0	0.0
	50.00000	23.00000	0.00000	-3.4123	-0.50000	0.0	0.0	0.0
	51.00000	23.00000	0.00000	-3.0174	-0.50000	0.0	0.0	0.0
	52.00000	23.00000	0.00000	-2.6658	-0.50000	0.0	0.0	0.0
	53.00000	23.00000	0.00000	-2.3515	-0.50000	0.0	0.0	0.0
	54.00000	23.00000	0.00000	-2.0700	-0.50000	0.0	0.0	0.0
	55.00000	23.00000	0.00000	-1.8170	-0.50000	0.0	0.0	0.0
	56.00000	23.00000	0.00000	-1.5893	-0.50000	0.0	0.0	0.0
	57.00000	23.00000	0.00000	-1.3838	-0.50000	0.0	0.0	0.0
	58.00000	23.00000	0.00000	-1.1983	-0.50000	0.0	0.0	0.0
	59.00000	23.00000	0.00000	-1.0304	-0.50000	0.0	0.0	0.0
	60.00000	23.00000	0.00000	-0.87838	-0.50000	0.0	0.0	0.0
	-20.00000	24.00000	0.00000	-0.90412	-0.50000	0.0	0.0	0.0
	-19.00000	24.00000	0.00000	-1.0602	-0.50000	0.0	0.0	0.0
	-18.00000	24.00000	0.00000	-1.2330	-0.50000	0.0	0.0	0.0
	-17.00000	24.00000	0.00000	-1.4246	-0.50000	0.0	0.0	0.0
	-16.00000	24.00000	0.00000	-1.6375	-0.50000	0.0	0.0	0.0
	-15.00000	24.00000	0.00000	-1.8746	-0.50000	0.0	0.0	0.0
	-14.00000	24.00000	0.00000	-2.1393	-0.50000	0.0	0.0	0.0
	-13.00000	24.00000	0.00000	-2.4359	-0.50000	0.0	0.0	0.0
	-12.00000	24.00000	0.00000	-2.7692	-0.50000	0.0	0.0	0.0
	-11.00000	24.00000	0.00000	-3.1457	-0.50000	0.0	0.0	0.0
	-10.00000	24.00000	0.00000	-3.5731	-0.50000	0.0	0.0	0.0
	-9.00000	24.00000	0.00000	-4.0615	-0.50000	0.0	0.0	0.0
	-8.00000	24.00000	0.00000	-4.6239	-0.50000	0.0	0.0	0.0
	-7.00000	24.00000	0.00000	-5.2777	-0.50000	0.0	0.0	0.0
	-6.00000	24.00000	0.00000	-6.0469	-0.50000	0.0	0.0	0.0
	-5.00000	24.00000	0.00000	-6.9657	-0.50000	0.0	0.0	0.0
	-4.00000	24.00000	0.00000	-8.0849	-0.50000	0.0	0.0	0.0
	-3.00000	24.00000	0.00000	-9.4854	-0.50000	0.0	0.0	0.0
	-2.00000	24.00000	0.00000	-11.310	-0.50000	0.0	0.0	0.0
	-1.00000	24.00000	0.00000	-13.852	-0.50000	0.0	0.0	0.0
	0.00000	24.00000	0.00000	-18.774	-0.50000	0.0	0.0	0.0
	1.00000	24.00000	0.00000	-23.700	-0.50000	0.0	0.0	0.0
	2.00000	24.00000	0.00000	-26.256	-0.50000	0.0	0.0	0.0
	3.00000	24.00000	0.00000	-28.100	-0.50000	0.0	0.0	0.0
	4.00000	24.00000	0.00000	-29.526	-0.50000	0.0	0.0	0.0
	5.00000	24.00000	0.00000	-30.674	-0.50000	0.0	0.0	0.0
	6.00000	24.00000	0.00000	-31.622	-0.50000	0.0	0.0	0.0
	7.00000	24.00000	0.00000	-32.420	-0.50000	0.0	0.0	0.0
	8.00000	24.00000	0.00000	-33.100	-0.50000	0.0	0.0	0.0
	9.00000	24.00000	0.00000	-33.685	-0.50000	0.0	0.0	0.0
	10.00000	24.00000	0.00000	-34.192	-0.50000	0.0	0.0	0.0
	11.00000	24.00000	0.00000	-34.634	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	12.00000	24.00000	0.00000	-35.020	-0.50000	0.0	0.0	0.0
	13.00000	24.00000	0.00000	-35.359	-0.50000	0.0	0.0	0.0
	14.00000	24.00000	0.00000	-35.656	-0.50000	0.0	0.0	0.0
	15.00000	24.00000	0.00000	-35.918	-0.50000	0.0	0.0	0.0
	16.00000	24.00000	0.00000	-36.149	-0.50000	0.0	0.0	0.0
	17.00000	24.00000	0.00000	-36.352	-0.50000	0.0	0.0	0.0
	18.00000	24.00000	0.00000	-36.530	-0.50000	0.0	0.0	0.0
	19.00000	24.00000	0.00000	-36.685	-0.50000	0.0	0.0	0.0
	20.00000	24.00000	0.00000	-36.815	-0.50000	0.0	0.0	0.0
	21.00000	24.00000	0.00000	-36.917	-0.50000	0.0	0.0	0.0
	22.00000	24.00000	0.00000	-36.986	-0.50000	0.0	0.0	0.0
	23.00000	24.00000	0.00000	-37.011	-0.50000	0.0	0.0	0.0
	24.00000	24.00000	0.00000	-36.985	-0.50000	0.0	0.0	0.0
	25.00000	24.00000	0.00000	-36.897	-0.50000	0.0	0.0	0.0
	26.00000	24.00000	0.00000	-36.741	-0.50000	0.0	0.0	0.0
	27.00000	24.00000	0.00000	-36.509	-0.50000	0.0	0.0	0.0
	28.00000	24.00000	0.00000	-36.195	-0.50000	0.0	0.0	0.0
	29.00000	24.00000	0.00000	-35.788	-0.50000	0.0	0.0	0.0
	30.00000	24.00000	0.00000	-35.277	-0.50000	0.0	0.0	0.0
	31.00000	24.00000	0.00000	-34.645	-0.50000	0.0	0.0	0.0
	32.00000	24.00000	0.00000	-33.869	-0.50000	0.0	0.0	0.0
	33.00000	24.00000	0.00000	-32.916	-0.50000	0.0	0.0	0.0
	34.00000	24.00000	0.00000	-31.736	-0.50000	0.0	0.0	0.0
	35.00000	24.00000	0.00000	-30.249	-0.50000	0.0	0.0	0.0
	36.00000	24.00000	0.00000	-28.317	-0.50000	0.0	0.0	0.0
	37.00000	24.00000	0.00000	-25.649	-0.50000	0.0	0.0	0.0
	38.00000	24.00000	0.00000	-20.591	-0.50000	0.0	0.0	0.0
	39.00000	24.00000	0.00000	-15.527	-0.50000	0.0	0.0	0.0
	40.00000	24.00000	0.00000	-12.840	-0.50000	0.0	0.0	0.0
	41.00000	24.00000	0.00000	-10.874	-0.50000	0.0	0.0	0.0
	42.00000	24.00000	0.00000	-9.3405	-0.50000	0.0	0.0	0.0
	43.00000	24.00000	0.00000	-8.0988	-0.50000	0.0	0.0	0.0
	44.00000	24.00000	0.00000	-7.0688	-0.50000	0.0	0.0	0.0
	45.00000	24.00000	0.00000	-6.1995	-0.50000	0.0	0.0	0.0
	46.00000	24.00000	0.00000	-5.4559	-0.50000	0.0	0.0	0.0
	47.00000	24.00000	0.00000	-4.8132	-0.50000	0.0	0.0	0.0
	48.00000	24.00000	0.00000	-4.2530	-0.50000	0.0	0.0	0.0
	49.00000	24.00000	0.00000	-3.7613	-0.50000	0.0	0.0	0.0
	50.00000	24.00000	0.00000	-3.3273	-0.50000	0.0	0.0	0.0
	51.00000	24.00000	0.00000	-2.9422	-0.50000	0.0	0.0	0.0
	52.00000	24.00000	0.00000	-2.5992	-0.50000	0.0	0.0	0.0
	53.00000	24.00000	0.00000	-2.2926	-0.50000	0.0	0.0	0.0
	54.00000	24.00000	0.00000	-2.0177	-0.50000	0.0	0.0	0.0
	55.00000	24.00000	0.00000	-1.7706	-0.50000	0.0	0.0	0.0
	56.00000	24.00000	0.00000	-1.5481	-0.50000	0.0	0.0	0.0
	57.00000	24.00000	0.00000	-1.3472	-0.50000	0.0	0.0	0.0
	58.00000	24.00000	0.00000	-1.1657	-0.50000	0.0	0.0	0.0
	59.00000	24.00000	0.00000	-1.0014	-0.50000	0.0	0.0	0.0
	60.00000	24.00000	0.00000	-0.85257	-0.50000	0.0	0.0	0.0
	-20.00000	25.00000	0.00000	-0.87131	-0.50000	0.0	0.0	0.0
	-19.00000	25.00000	0.00000	-1.0231	-0.50000	0.0	0.0	0.0
	-18.00000	25.00000	0.00000	-1.1911	-0.50000	0.0	0.0	0.0
	-17.00000	25.00000	0.00000	-1.3773	-0.50000	0.0	0.0	0.0
	-16.00000	25.00000	0.00000	-1.5839	-0.50000	0.0	0.0	0.0
	-15.00000	25.00000	0.00000	-1.8137	-0.50000	0.0	0.0	0.0
	-14.00000	25.00000	0.00000	-2.0700	-0.50000	0.0	0.0	0.0
	-13.00000	25.00000	0.00000	-2.3568	-0.50000	0.0	0.0	0.0
	-12.00000	25.00000	0.00000	-2.6787	-0.50000	0.0	0.0	0.0
	-11.00000	25.00000	0.00000	-3.0417	-0.50000	0.0	0.0	0.0
	-10.00000	25.00000	0.00000	-3.4533	-0.50000	0.0	0.0	0.0
	-9.00000	25.00000	0.00000	-3.9228	-0.50000	0.0	0.0	0.0
	-8.00000	25.00000	0.00000	-4.4626	-0.50000	0.0	0.0	0.0
	-7.00000	25.00000	0.00000	-5.0891	-0.50000	0.0	0.0	0.0
	-6.00000	25.00000	0.00000	-5.8251	-0.50000	0.0	0.0	0.0
	-5.00000	25.00000	0.00000	-6.7033	-0.50000	0.0	0.0	0.0
	-4.00000	25.00000	0.00000	-7.7728	-0.50000	0.0	0.0	0.0
	-3.00000	25.00000	0.00000	-9.1128	-0.50000	0.0	0.0	0.0
	-2.00000	25.00000	0.00000	-10.865	-0.50000	0.0	0.0	0.0
	-1.00000	25.00000	0.00000	-13.324	-0.50000	0.0	0.0	0.0
	0.00000	25.00000	0.00000	-18.154	-0.50000	0.0	0.0	0.0
	1.00000	25.00000	0.00000	-22.988	-0.50000	0.0	0.0	0.0
	2.00000	25.00000	0.00000	-25.456	-0.50000	0.0	0.0	0.0
	3.00000	25.00000	0.00000	-27.222	-0.50000	0.0	0.0	0.0
	4.00000	25.00000	0.00000	-28.580	-0.50000	0.0	0.0	0.0
	5.00000	25.00000	0.00000	-29.670	-0.50000	0.0	0.0	0.0
	6.00000	25.00000	0.00000	-30.570	-0.50000	0.0	0.0	0.0
	7.00000	25.00000	0.00000	-31.327	-0.50000	0.0	0.0	0.0
	8.00000	25.00000	0.00000	-31.974	-0.50000	0.0	0.0	0.0
	9.00000	25.00000	0.00000	-32.531	-0.50000	0.0	0.0	0.0
	10.00000	25.00000	0.00000	-33.016	-0.50000	0.0	0.0	0.0
	11.00000	25.00000	0.00000	-33.440	-0.50000	0.0	0.0	0.0
	12.00000	25.00000	0.00000	-33.813	-0.50000	0.0	0.0	0.0
	13.00000	25.00000	0.00000	-34.143	-0.50000	0.0	0.0	0.0
	14.00000	25.00000	0.00000	-34.436	-0.50000	0.0	0.0	0.0
	15.00000	25.00000	0.00000	-34.698	-0.50000	0.0	0.0	0.0
	16.00000	25.00000	0.00000	-34.934	-0.50000	0.0	0.0	0.0
	17.00000	25.00000	0.00000	-35.149	-0.50000	0.0	0.0	0.0
	18.00000	25.00000	0.00000	-35.347	-0.50000	0.0	0.0	0.0
	19.00000	25.00000	0.00000	-35.530	-0.50000	0.0	0.0	0.0
	20.00000	25.00000	0.00000	-35.698	-0.50000	0.0	0.0	0.0
	21.00000	25.00000	0.00000	-35.849	-0.50000	0.0	0.0	0.0
	22.00000	25.00000	0.00000	-35.972	-0.50000	0.0	0.0	0.0
	23.00000	25.00000	0.00000	-36.053	-0.50000	0.0	0.0	0.0
	24.00000	25.00000	0.00000	-36.079	-0.50000	0.0	0.0	0.0
	25.00000	25.00000	0.00000	-36.038	-0.50000	0.0	0.0	0.0
	26.00000	25.00000	0.00000	-35.921	-0.50000	0.0	0.0	0.0
	27.00000	25.00000	0.00000	-35.723	-0.50000	0.0	0.0	0.0
	28.00000	25.00000	0.00000	-35.438	-0.50000	0.0	0.0	0.0
	29.00000	25.00000	0.00000	-35.059	-0.50000	0.0	0.0	0.0
	30.00000	25.00000	0.00000	-34.576	-0.50000	0.0	0.0	0.0
	31.00000	25.00000	0.00000	-33.972	-0.50000	0.0	0.0	0.0
	32.00000	25.00000	0.00000	-33.225	-0.50000	0.0	0.0	0.0
	33.00000	25.00000	0.00000	-32.303	-0.50000	0.0	0.0	0.0
	34.00000	25.00000	0.00000	-31.157	-0.50000	0.0	0.0	0.0
	35.00000	25.00000	0.00000	-29.707	-0.50000	0.0	0.0	0.0
	36.00000	25.00000	0.00000	-27.813	-0.50000	0.0	0.0	0.0
	37.00000	25.00000	0.00000	-25.186	-0.50000	0.0	0.0	0.0
	38.00000	25.00000	0.00000	-20.171	-0.50000	0.0	0.0	0.0
	39.00000	25.00000	0.00000	-15.149	-0.50000	0.0	0.0	0.0
	40.00000	25.00000	0.00000	-12.502	-0.50000	0.0	0.0	0.0
	41.00000	25.00000	0.00000	-10.574	-0.50000	0.0	0.0	0.0
	42.00000	25.00000	0.00000	-9.0757	-0.50000	0.0	0.0	0.0
	43.00000	25.00000	0.00000	-7.8657	-0.50000	0.0	0.0	0.0
	44.00000	25.00000	0.00000	-6.8639	-0.50000	0.0	0.0	0.0
	45.00000	25.00000	0.00000	-6.0195	-0.50000	0.0	0.0	0.0
	46.00000	25.00000	0.00000	-5.2978	-0.50000	0.0	0.0	0.0
	47.00000	25.00000	0.00000	-4.6743	-0.50000	0.0	0.0	0.0
	48.00000	25.00000	0.00000	-4.1308	-0.50000	0.0	0.0	0.0
	49.00000	25.00000	0.00000	-3.6537	-0.50000	0.0	0.0	0.0
	50.00000	25.00000	0.00000	-3.2324	-0.50000	0.0	0.0	0.0
	51.00000	25.00000	0.00000	-2.8584	-0.50000	0.0	0.0	0.0
	52.00000	25.00000	0.00000	-2.5251	-0.50000	0.0	0.0	0.0
	53.00000	25.00000	0.00000	-2.2271	-0.50000	0.0	0.0	0.0
	54.00000	25.00000	0.00000	-1.9596	-0.50000	0.0	0.0	0.0
	55.00000	25.00000	0.00000	-1.7191	-0.50000	0.0	0.0	0.0
	56.00000	25.00000	0.00000	-1.5023	-0.50000	0.0	0.0	0.0
	57.00000	25.00000	0.00000	-1.3066	-0.50000	0.0	0.0	0.0
	58.00000	25.00000	0.00000	-1.1296	-0.50000	0.0	0.0	0.0
	59.00000	25.00000	0.00000	-0.96925	-0.50000	0.0	0.0	0.0
	60.00000	25.00000	0.00000	-0.82393	-0.50000	0.0	0.0	0.0
	-20.00000	26.00000	0.00000	-0.83550	-0.50000	0.0	0.0	0.0
	-19.00000	26.00000	0.00000	-0.98272	-0.50000	0.0	0.0	0.0
	-18.00000	26.00000	0.00000	-1.1454	-0.50000	0.0	0.0	0.0
	-17.00000	26.00000	0.00000	-1.3255	-0.50000	0.0	0.0	0.0
	-16.00000	26.00000	0.00000	-1.5252	-0.50000	0.0	0.0	0.0
	-15.00000	26.00000	0.00000	-1.7470	-0.50000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-9.00000	26.00000	0.00000	-3.7687	-0.50000	0.0	0.0	0.0
	-8.00000	26.00000	0.00000	-4.2824	-0.50000	0.0	0.0	0.0
	-7.00000	26.00000	0.00000	-4.8771	-0.50000	0.0	0.0	0.0
	-6.00000	26.00000	0.00000	-5.5737	-0.50000	0.0	0.0	0.0
	-5.00000	26.00000	0.00000	-6.4025	-0.50000	0.0	0.0	0.0
	-4.00000	26.00000	0.00000	-7.4098	-0.50000	0.0	0.0	0.0
	-3.00000	26.00000	0.00000	-8.6710	-0.50000	0.0	0.0	0.0
	-2.00000	26.00000	0.00000	-10.324	-0.50000	0.0	0.0	0.0
	-1.00000	26.00000	0.00000	-12.664	-0.50000	0.0	0.0	0.0
	0.00000	26.00000	0.00000	-17.361	-0.50000	0.0	0.0	0.0
	1.00000	26.00000	0.00000	-22.060	-0.50000	0.0	0.0	0.0
	2.00000	26.00000	0.00000	-24.406	-0.50000	0.0	0.0	0.0
	3.00000	26.00000	0.00000	-26.069	-0.50000	0.0	0.0	0.0
	4.00000	26.00000	0.00000	-27.344	-0.50000	0.0	0.0	0.0
	5.00000	26.00000	0.00000	-28.366	-0.50000	0.0	0.0	0.0
	6.00000	26.00000	0.00000	-29.211	-0.50000	0.0	0.0	0.0
	7.00000	26.00000	0.00000	-29.923	-0.50000	0.0	0.0	0.0
	8.00000	26.00000	0.00000	-30.533	-0.50000	0.0	0.0	0.0
	9.00000	26.00000	0.00000	-31.062	-0.50000	0.0	0.0	0.0
	10.00000	26.00000	0.00000	-31.523	-0.50000	0.0	0.0	0.0
	11.00000	26.00000	0.00000	-31.928	-0.50000	0.0	0.0	0.0
	12.00000	26.00000	0.00000	-32.287	-0.50000	0.0	0.0	0.0
	13.00000	26.00000	0.00000	-32.608	-0.50000	0.0	0.0	0.0
	14.00000	26.00000	0.00000	-32.896	-0.50000	0.0	0.0	0.0
	15.00000	26.00000	0.00000	-33.158	-0.50000	0.0	0.0	0.0
	16.00000	26.00000	0.00000	-33.400	-0.50000	0.0	0.0	0.0
	17.00000	26.00000	0.00000	-33.629	-0.50000	0.0	0.0	0.0
	18.00000	26.00000	0.00000	-33.851	-0.50000	0.0	0.0	0.0
	19.00000	26.00000	0.00000	-34.071	-0.50000	0.0	0.0	0.0
	20.00000	26.00000	0.00000	-34.293	-0.50000	0.0	0.0	0.0
	21.00000	26.00000	0.00000	-34.515	-0.50000	0.0	0.0	0.0
	22.00000	26.00000	0.00000	-34.723	-0.50000	0.0	0.0	0.0
	23.00000	26.00000	0.00000	-34.892	-0.50000	0.0	0.0	0.0
	24.00000	26.00000	0.00000	-34.994	-0.50000	0.0	0.0	0.0
	25.00000	26.00000	0.00000	-35.015	-0.50000	0.0	0.0	0.0
	26.00000	26.00000	0.00000	-34.947	-0.50000	0.0	0.0	0.0
	27.00000	26.00000	0.00000	-34.789	-0.50000	0.0	0.0	0.0
	28.00000	26.00000	0.00000	-34.538	-0.50000	0.0	0.0	0.0
	29.00000	26.00000	0.00000	-34.190	-0.50000	0.0	0.0	0.0
	30.00000	26.00000	0.00000	-33.736	-0.50000	0.0	0.0	0.0
	31.00000	26.00000	0.00000	-33.163	-0.50000	0.0	0.0	0.0
	32.00000	26.00000	0.00000	-32.450	-0.50000	0.0	0.0	0.0
	33.00000	26.00000	0.00000	-31.565	-0.50000	0.0	0.0	0.0
	34.00000	26.00000	0.00000	-30.459	-0.50000	0.0	0.0	0.0
	35.00000	26.00000	0.00000	-29.053	-0.50000	0.0	0.0	0.0
	36.00000	26.00000	0.00000	-27.209	-0.50000	0.0	0.0	0.0
	37.00000	26.00000	0.00000	-24.634	-0.50000	0.0	0.0	0.0
	38.00000	26.00000	0.00000	-19.672	-0.50000	0.0	0.0	0.0
	39.00000	26.00000	0.00000	-14.704	-0.50000	0.0	0.0	0.0
	40.00000	26.00000	0.00000	-12.108	-0.50000	0.0	0.0	0.0
	41.00000	26.00000	0.00000	-10.229	-0.50000	0.0	0.0	0.0
	42.00000	26.00000	0.00000	-8.7733	-0.50000	0.0	0.0	0.0
	43.00000	26.00000	0.00000	-7.6017	-0.50000	0.0	0.0	0.0
	44.00000	26.00000	0.00000	-6.6336	-0.50000	0.0	0.0	0.0
	45.00000	26.00000	0.00000	-5.8184	-0.50000	0.0	0.0	0.0
	46.00000	26.00000	0.00000	-5.1221	-0.50000	0.0	0.0	0.0
	47.00000	26.00000	0.00000	-4.5205	-0.50000	0.0	0.0	0.0
	48.00000	26.00000	0.00000	-3.9959	-0.50000	0.0	0.0	0.0
	49.00000	26.00000	0.00000	-3.5352	-0.50000	0.0	0.0	0.0
	50.00000	26.00000	0.00000	-3.1281	-0.50000	0.0	0.0	0.0
	51.00000	26.00000	0.00000	-2.7665	-0.50000	0.0	0.0	0.0
	52.00000	26.00000	0.00000	-2.4440	-0.50000	0.0	0.0	0.0
	53.00000	26.00000	0.00000	-2.1553	-0.50000	0.0	0.0	0.0
	54.00000	26.00000	0.00000	-1.8961	-0.50000	0.0	0.0	0.0
	55.00000	26.00000	0.00000	-1.6628	-0.50000	0.0	0.0	0.0
	56.00000	26.00000	0.00000	-1.4524	-0.50000	0.0	0.0	0.0
	57.00000	26.00000	0.00000	-1.2622	-0.50000	0.0	0.0	0.0
	58.00000	26.00000	0.00000	-1.0901	-0.50000	0.0	0.0	0.0
	59.00000	26.00000	0.00000	-0.93412	-0.50000	0.0	0.0	0.0
	60.00000	26.00000	0.00000	-0.79265	-0.50000	0.0	0.0	0.0
	-20.00000	27.00000	0.00000	-0.79698	-0.50000	0.0	0.0	0.0
	-19.00000	27.00000	0.00000	-0.93924	-0.50000	0.0	0.0	0.0
	-18.00000	27.00000	0.00000	-1.0963	-0.50000	0.0	0.0	0.0
	-17.00000	27.00000	0.00000	-1.2699	-0.50000	0.0	0.0	0.0
	-16.00000	27.00000	0.00000	-1.4620	-0.50000	0.0	0.0	0.0
	-15.00000	27.00000	0.00000	-1.6752	-0.50000	0.0	0.0	0.0
	-14.00000	27.00000	0.00000	-1.9121	-0.50000	0.0	0.0	0.0
	-13.00000	27.00000	0.00000	-2.1762	-0.50000	0.0	0.0	0.0
	-12.00000	27.00000	0.00000	-2.4715	-0.50000	0.0	0.0	0.0
	-11.00000	27.00000	0.00000	-2.8031	-0.50000	0.0	0.0	0.0
	-10.00000	27.00000	0.00000	-3.1770	-0.50000	0.0	0.0	0.0
	-9.00000	27.00000	0.00000	-3.6013	-0.50000	0.0	0.0	0.0
	-8.00000	27.00000	0.00000	-4.0860	-0.50000	0.0	0.0	0.0
	-7.00000	27.00000	0.00000	-4.6448	-0.50000	0.0	0.0	0.0
	-6.00000	27.00000	0.00000	-5.2963	-0.50000	0.0	0.0	0.0
	-5.00000	27.00000	0.00000	-6.0675	-0.50000	0.0	0.0	0.0
	-4.00000	27.00000	0.00000	-6.9996	-0.50000	0.0	0.0	0.0
	-3.00000	27.00000	0.00000	-8.1612	-0.50000	0.0	0.0	0.0
	-2.00000	27.00000	0.00000	-9.6805	-0.50000	0.0	0.0	0.0
	-1.00000	27.00000	0.00000	-11.844	-0.50000	0.0	0.0	0.0
	0.00000	27.00000	0.00000	-16.328	-0.50000	0.0	0.0	0.0
	1.00000	27.00000	0.00000	-20.814	-0.50000	0.0	0.0	0.0
	2.00000	27.00000	0.00000	-22.982	-0.50000	0.0	0.0	0.0
	3.00000	27.00000	0.00000	-24.508	-0.50000	0.0	0.0	0.0
	4.00000	27.00000	0.00000	-25.679	-0.50000	0.0	0.0	0.0
	5.00000	27.00000	0.00000	-26.622	-0.50000	0.0	0.0	0.0
	6.00000	27.00000	0.00000	-27.406	-0.50000	0.0	0.0	0.0
	7.00000	27.00000	0.00000	-28.069	-0.50000	0.0	0.0	0.0
	8.00000	27.00000	0.00000	-28.641	-0.50000	0.0	0.0	0.0
	9.00000	27.00000	0.00000	-29.137	-0.50000	0.0	0.0	0.0
	10.00000	27.00000	0.00000	-29.574	-0.50000	0.0	0.0	0.0
	11.00000	27.00000	0.00000	-29.959	-0.50000	0.0	0.0	0.0
	12.00000	27.00000	0.00000	-30.304	-0.50000	0.0	0.0	0.0
	13.00000	27.00000	0.00000	-30.614	-0.50000	0.0	0.0	0.0
	14.00000	27.00000	0.00000	-30.896	-0.50000	0.0	0.0	0.0
	15.00000	27.00000	0.00000	-31.158	-0.50000	0.0	0.0	0.0
	16.00000	27.00000	0.00000	-31.407	-0.50000	0.0	0.0	0.0
	17.00000	27.00000	0.00000	-31.651	-0.50000	0.0	0.0	0.0
	18.00000	27.00000	0.00000	-31.900	-0.50000	0.0	0.0	0.0
	19.00000	27.00000	0.00000	-32.166	-0.50000	0.0	0.0	0.0
	20.00000	27.00000	0.00000	-32.464	-0.50000	0.0	0.0	0.0
	21.00000	27.00000	0.00000	-32.799	-0.50000	0.0	0.0	0.0
	22.00000	27.00000	0.00000	-33.155	-0.50000	0.0	0.0	0.0
	23.00000	27.00000	0.00000	-33.472	-0.50000	0.0	0.0	0.0
	24.00000	27.00000	0.00000	-33.693	-0.50000	0.0	0.0	0.0
	25.00000	27.00000	0.00000	-33.798	-0.50000	0.0	0.0	0.0
	26.00000	27.00000	0.00000	-33.789	-0.50000	0.0	0.0	0.0
	27.00000	27.00000	0.00000	-33.676	-0.50000	0.0	0.0	0.0
	28.00000	27.00000	0.00000	-33.461	-0.50000	0.0	0.0	0.0
	29.00000	27.00000	0.00000	-33.147	-0.50000	0.0	0.0	0.0
	30.00000	27.00000	0.00000	-32.726	-0.50000	0.0	0.0	0.0
	31.00000	27.00000	0.00000	-32.187	-0.50000	0.0	0.0	0.0
	32.00000	27.00000	0.00000	-31.512	-0.50000	0.0	0.0	0.0
	33.00000	27.00000	0.00000	-30.669	-0.50000	0.0	0.0	0.0
	34.00000	27.00000	0.00000	-29.611	-0.50000	0.0	0.0	0.0
	35.00000	27.00000	0.00000	-28.260	-0.50000	0.0	0.0	0.0
	36.00000	27.00000	0.00000	-26.477	-0.50000	0.0	0.0	0.0
	37.00000	27.00000	0.00000	-23.969	-0.50000	0.0	0.0	0.0
	38.00000	27.00000	0.00000	-19.078	-0.50000	0.0	0.0	0.0
	39.00000	27.00000	0.00000	-14.180	-0.50000	0.0	0.0	0.0
	40.00000	27.00000	0.00000	-11.651	-0.50000	0.0	0.0	0.0
	41.00000	27.00000	0.00000	-9.8327	-0.50000	0.0	0.0	0.0
	42.00000	27.00000	0.00000	-8.4312	-0.50000	0.0	0.0	0.0
	43.00000	27.00000	0.00000	-7.3062	-0.50000	0.0	0.0	0.0
	44.00000	27.00000	0.00000	-6.3780	-0.50000	0.0	0.0	0.0
	45.00000	27.00000	0.00000	-5.5968	-0.50000	0.0	0.0	0.0
	46.00000	27.00000	0.00000	-4.9295	-0.50000	0.0	0.0	0.0
	47.00000	27.00000	0.00000	-4.3526	-0.50000	0.0	0.0	0.0
	48.00000	27.00000	0.00000	-3.8492	-0.50000	0.0	0.0	0.0
	49.00000	27.00000	0.00000	-3.4067	-0.50000	0.0	0.0	0.0
	50.00000	27.00000	0.00000	-3.0152	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	51.00000	27.00000	0.00000	-2.6672	-0.50000	0.0	0.0	0.0
	52.00000	27.00000	0.00000	-2.3564	-0.50000	0.0	0.0	0.0
	53.00000	27.00000	0.00000	-2.0779	-0.50000	0.0	0.0	0.0
	54.00000	27.00000	0.00000	-1.8276	-0.50000	0.0	0.0	0.0
	55.00000	27.00000	0.00000	-1.6021	-0.50000	0.0	0.0	0.0
	56.00000	27.00000	0.00000	-1.3985	-0.50000	0.0	0.0	0.0
	57.00000	27.00000	0.00000	-1.2144	-0.50000	0.0	0.0	0.0
	58.00000	27.00000	0.00000	-1.0475	-0.50000	0.0	0.0	0.0
	59.00000	27.00000	0.00000	-0.89626	-0.50000	0.0	0.0	0.0
	60.00000	27.00000	0.00000	-0.75894	-0.50000	0.0	0.0	0.0
	-20.00000	28.00000	0.00000	-0.75605	-0.50000	0.0	0.0	0.0
	-19.00000	28.00000	0.00000	-0.89306	-0.50000	0.0	0.0	0.0
	-18.00000	28.00000	0.00000	-1.0441	-0.50000	0.0	0.0	0.0
	-17.00000	28.00000	0.00000	-1.2108	-0.50000	0.0	0.0	0.0
	-16.00000	28.00000	0.00000	-1.3950	-0.50000	0.0	0.0	0.0
	-15.00000	28.00000	0.00000	-1.5989	-0.50000	0.0	0.0	0.0
	-14.00000	28.00000	0.00000	-1.8251	-0.50000	0.0	0.0	0.0
	-13.00000	28.00000	0.00000	-2.0767	-0.50000	0.0	0.0	0.0
	-12.00000	28.00000	0.00000	-2.3572	-0.50000	0.0	0.0	0.0
	-11.00000	28.00000	0.00000	-2.6712	-0.50000	0.0	0.0	0.0
	-10.00000	28.00000	0.00000	-3.0242	-0.50000	0.0	0.0	0.0
	-9.00000	28.00000	0.00000	-3.4229	-0.50000	0.0	0.0	0.0
	-8.00000	28.00000	0.00000	-3.8763	-0.50000	0.0	0.0	0.0
	-7.00000	28.00000	0.00000	-4.3961	-0.50000	0.0	0.0	0.0
	-6.00000	28.00000	0.00000	-4.9979	-0.50000	0.0	0.0	0.0
	-5.00000	28.00000	0.00000	-5.7046	-0.50000	0.0	0.0	0.0
	-4.00000	28.00000	0.00000	-6.5502	-0.50000	0.0	0.0	0.0
	-3.00000	28.00000	0.00000	-7.5911	-0.50000	0.0	0.0	0.0
	-2.00000	28.00000	0.00000	-8.9332	-0.50000	0.0	0.0	0.0
	-1.00000	28.00000	0.00000	-10.824	-0.50000	0.0	0.0	0.0
	0.00000	28.00000	0.00000	-14.914	-0.50000	0.0	0.0	0.0
	1.00000	28.00000	0.00000	-19.004	-0.50000	0.0	0.0	0.0
	2.00000	28.00000	0.00000	-20.899	-0.50000	0.0	0.0	0.0
	3.00000	28.00000	0.00000	-22.246	-0.50000	0.0	0.0	0.0
	4.00000	28.00000	0.00000	-23.294	-0.50000	0.0	0.0	0.0
	5.00000	28.00000	0.00000	-24.148	-0.50000	0.0	0.0	0.0
	6.00000	28.00000	0.00000	-24.864	-0.50000	0.0	0.0	0.0
	7.00000	28.00000	0.00000	-25.476	-0.50000	0.0	0.0	0.0
	8.00000	28.00000	0.00000	-26.006	-0.50000	0.0	0.0	0.0
	9.00000	28.00000	0.00000	-26.469	-0.50000	0.0	0.0	0.0
	10.00000	28.00000	0.00000	-26.879	-0.50000	0.0	0.0	0.0
	11.00000	28.00000	0.00000	-27.245	-0.50000	0.0	0.0	0.0
	12.00000	28.00000	0.00000	-27.573	-0.50000	0.0	0.0	0.0
	13.00000	28.00000	0.00000	-27.872	-0.50000	0.0	0.0	0.0
	14.00000	28.00000	0.00000	-28.148	-0.50000	0.0	0.0	0.0
	15.00000	28.00000	0.00000	-28.408	-0.50000	0.0	0.0	0.0
	16.00000	28.00000	0.00000	-28.662	-0.50000	0.0	0.0	0.0
	17.00000	28.00000	0.00000	-28.920	-0.50000	0.0	0.0	0.0
	18.00000	28.00000	0.00000	-29.198	-0.50000	0.0	0.0	0.0
	19.00000	28.00000	0.00000	-29.518	-0.50000	0.0	0.0	0.0
	20.00000	28.00000	0.00000	-29.916	-0.50000	0.0	0.0	0.0
	21.00000	28.00000	0.00000	-30.438	-0.50000	0.0	0.0	0.0
	22.00000	28.00000	0.00000	-31.097	-0.50000	0.0	0.0	0.0
	23.00000	28.00000	0.00000	-31.720	-0.50000	0.0	0.0	0.0
	24.00000	28.00000	0.00000	-32.133	-0.50000	0.0	0.0	0.0
	25.00000	28.00000	0.00000	-32.347	-0.50000	0.0	0.0	0.0
	26.00000	28.00000	0.00000	-32.406	-0.50000	0.0	0.0	0.0
	27.00000	28.00000	0.00000	-32.340	-0.50000	0.0	0.0	0.0
	28.00000	28.00000	0.00000	-32.163	-0.50000	0.0	0.0	0.0
	29.00000	28.00000	0.00000	-31.882	-0.50000	0.0	0.0	0.0
	30.00000	28.00000	0.00000	-31.496	-0.50000	0.0	0.0	0.0
	31.00000	28.00000	0.00000	-30.994	-0.50000	0.0	0.0	0.0
	32.00000	28.00000	0.00000	-30.361	-0.50000	0.0	0.0	0.0
	33.00000	28.00000	0.00000	-29.566	-0.50000	0.0	0.0	0.0
	34.00000	28.00000	0.00000	-28.566	-0.50000	0.0	0.0	0.0
	35.00000	28.00000	0.00000	-27.283	-0.50000	0.0	0.0	0.0
	36.00000	28.00000	0.00000	-25.579	-0.50000	0.0	0.0	0.0
	37.00000	28.00000	0.00000	-23.160	-0.50000	0.0	0.0	0.0
	38.00000	28.00000	0.00000	-18.365	-0.50000	0.0	0.0	0.0
	39.00000	28.00000	0.00000	-13.562	-0.50000	0.0	0.0	0.0
	40.00000	28.00000	0.00000	-11.122	-0.50000	0.0	0.0	0.0
	41.00000	28.00000	0.00000	-9.3825	-0.50000	0.0	0.0	0.0
	42.00000	28.00000	0.00000	-8.0480	-0.50000	0.0	0.0	0.0
	43.00000	28.00000	0.00000	-6.9791	-0.50000	0.0	0.0	0.0
	44.00000	28.00000	0.00000	-6.0978	-0.50000	0.0	0.0	0.0
	45.00000	28.00000	0.00000	-5.3557	-0.50000	0.0	0.0	0.0
	46.00000	28.00000	0.00000	-4.7210	-0.50000	0.0	0.0	0.0
	47.00000	28.00000	0.00000	-4.1717	-0.50000	0.0	0.0	0.0
	48.00000	28.00000	0.00000	-3.6916	-0.50000	0.0	0.0	0.0
	49.00000	28.00000	0.00000	-3.2690	-0.50000	0.0	0.0	0.0
	50.00000	28.00000	0.00000	-2.8945	-0.50000	0.0	0.0	0.0
	51.00000	28.00000	0.00000	-2.5611	-0.50000	0.0	0.0	0.0
	52.00000	28.00000	0.00000	-2.2629	-0.50000	0.0	0.0	0.0
	53.00000	28.00000	0.00000	-1.9954	-0.50000	0.0	0.0	0.0
	54.00000	28.00000	0.00000	-1.7546	-0.50000	0.0	0.0	0.0
	55.00000	28.00000	0.00000	-1.5374	-0.50000	0.0	0.0	0.0
	56.00000	28.00000	0.00000	-1.3411	-0.50000	0.0	0.0	0.0
	57.00000	28.00000	0.00000	-1.1634	-0.50000	0.0	0.0	0.0
	58.00000	28.00000	0.00000	-1.0022	-0.50000	0.0	0.0	0.0
	59.00000	28.00000	0.00000	-0.85592	-0.50000	0.0	0.0	0.0
	60.00000	28.00000	0.00000	-0.72300	-0.50000	0.0	0.0	0.0
	-20.00000	29.00000	0.00000	-0.71304	-0.50000	0.0	0.0	0.0
	-19.00000	29.00000	0.00000	-0.84454	-0.50000	0.0	0.0	0.0
	-18.00000	29.00000	0.00000	-0.98928	-0.50000	0.0	0.0	0.0
	-17.00000	29.00000	0.00000	-1.1487	-0.50000	0.0	0.0	0.0
	-16.00000	29.00000	0.00000	-1.3246	-0.50000	0.0	0.0	0.0
	-15.00000	29.00000	0.00000	-1.5190	-0.50000	0.0	0.0	0.0
	-14.00000	29.00000	0.00000	-1.7340	-0.50000	0.0	0.0	0.0
	-13.00000	29.00000	0.00000	-1.9725	-0.50000	0.0	0.0	0.0
	-12.00000	29.00000	0.00000	-2.2376	-0.50000	0.0	0.0	0.0
	-11.00000	29.00000	0.00000	-2.5333	-0.50000	0.0	0.0	0.0
	-10.00000	29.00000	0.00000	-2.8642	-0.50000	0.0	0.0	0.0
	-9.00000	29.00000	0.00000	-3.2363	-0.50000	0.0	0.0	0.0
	-8.00000	29.00000	0.00000	-3.6570	-0.50000	0.0	0.0	0.0
	-7.00000	29.00000	0.00000	-4.1357	-0.50000	0.0	0.0	0.0
	-6.00000	29.00000	0.00000	-4.6852	-0.50000	0.0	0.0	0.0
	-5.00000	29.00000	0.00000	-5.3231	-0.50000	0.0	0.0	0.0
	-4.00000	29.00000	0.00000	-6.0749	-0.50000	0.0	0.0	0.0
	-3.00000	29.00000	0.00000	-6.9804	-0.50000	0.0	0.0	0.0
	-2.00000	29.00000	0.00000	-8.1090	-0.50000	0.0	0.0	0.0
	-1.00000	29.00000	0.00000	-9.6051	-0.50000	0.0	0.0	0.0
	0.00000	29.00000	0.00000	-12.295	-0.50000	0.0	0.0	0.0
	1.00000	29.00000	0.00000	-14.985	-0.50000	0.0	0.0	0.0
	2.00000	29.00000	0.00000	-16.484	-0.50000	0.0	0.0	0.0
	3.00000	29.00000	0.00000	-17.616	-0.50000	0.0	0.0	0.0
	4.00000	29.00000	0.00000	-18.527	-0.50000	0.0	0.0	0.0
	5.00000	29.00000	0.00000	-19.285	-0.50000	0.0	0.0	0.0
	6.00000	29.00000	0.00000	-19.930	-0.50000	0.0	0.0	0.0
	7.00000	29.00000	0.00000	-20.488	-0.50000	0.0	0.0	0.0
	8.00000	29.00000	0.00000	-20.975	-0.50000	0.0	0.0	0.0
	9.00000	29.00000	0.00000	-21.405	-0.50000	0.0	0.0	0.0
	10.00000	29.00000	0.00000	-21.788	-0.50000	0.0	0.0	0.0
	11.00000	29.00000	0.00000	-22.131	-0.50000	0.0	0.0	0.0
	12.00000	29.00000	0.00000	-22.443	-0.50000	0.0	0.0	0.0
	13.00000	29.00000	0.00000	-22.729	-0.50000	0.0	0.0	0.0
	14.00000	29.00000	0.00000	-22.997	-0.50000	0.0	0.0	0.0
	15.00000	29.00000	0.00000	-23.254	-0.50000	0.0	0.0	0.0
	16.00000	29.00000	0.00000	-23.510	-0.50000	0.0	0.0	0.0
	17.00000	29.00000	0.00000	-23.779	-0.50000	0.0	0.0	0.0
	18.00000	29.00000	0.00000	-24.081	-0.50000	0.0	0.0	0.0
	19.00000	29.00000	0.00000	-24.453	-0.50000	0.0	0.0	0.0
	20.00000	29.00000	0.00000	-24.963	-0.50000	0.0	0.0	0.0
	21.00000	29.00000	0.00000	-25.759	-0.50000	0.0	0.0	0.0
	22.00000	29.00000	0.00000	-27.685	-0.50000	0.0	0.0	0.0
	23.00000	29.00000	0.00000	-29.577	-0.50000	0.0	0.0	0.0
	24.00000	29.00000	0.00000	-30.271	-0.50000	0.0	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	30.00000	29.00000	0.00000	-29.968	-0.50000	0.0	0.0	0.0
	31.00000	29.00000	0.00000	-29.506	-0.50000	0.0	0.0	0.0
	32.00000	29.00000	0.00000	-28.918	-0.50000	0.0	0.0	0.0
	33.00000	29.00000	0.00000	-28.179	-0.50000	0.0	0.0	0.0
	34.00000	29.00000	0.00000	-27.246	-0.50000	0.0	0.0	0.0
	35.00000	29.00000	0.00000	-26.047	-0.50000	0.0	0.0	0.0
	36.00000	29.00000	0.00000	-24.447	-0.50000	0.0	0.0	0.0
	37.00000	29.00000	0.00000	-22.151	-0.50000	0.0	0.0	0.0
	38.00000	29.00000	0.00000	-17.493	-0.50000	0.0	0.0	0.0
	39.00000	29.00000	0.00000	-12.828	-0.50000	0.0	0.0	0.0
	40.00000	29.00000	0.00000	-10.511	-0.50000	0.0	0.0	0.0
	41.00000	29.00000	0.00000	-8.8742	-0.50000	0.0	0.0	0.0
	42.00000	29.00000	0.00000	-7.6234	-0.50000	0.0	0.0	0.0
	43.00000	29.00000	0.00000	-6.6218	-0.50000	0.0	0.0	0.0
	44.00000	29.00000	0.00000	-5.7947	-0.50000	0.0	0.0	0.0
	45.00000	29.00000	0.00000	-5.0967	-0.50000	0.0	0.0	0.0
	46.00000	29.00000	0.00000	-4.4984	-0.50000	0.0	0.0	0.0
	47.00000	29.00000	0.00000	-3.9792	-0.50000	0.0	0.0	0.0
	48.00000	29.00000	0.00000	-3.5245	-0.50000	0.0	0.0	0.0
	49.00000	29.00000	0.00000	-3.1232	-0.50000	0.0	0.0	0.0
	50.00000	29.00000	0.00000	-2.7669	-0.50000	0.0	0.0	0.0
	51.00000	29.00000	0.00000	-2.4490	-0.50000	0.0	0.0	0.0
	52.00000	29.00000	0.00000	-2.1642	-0.50000	0.0	0.0	0.0
	53.00000	29.00000	0.00000	-1.9083	-0.50000	0.0	0.0	0.0
	54.00000	29.00000	0.00000	-1.6776	-0.50000	0.0	0.0	0.0
	55.00000	29.00000	0.00000	-1.4692	-0.50000	0.0	0.0	0.0
	56.00000	29.00000	0.00000	-1.2806	-0.50000	0.0	0.0	0.0
	57.00000	29.00000	0.00000	-1.1096	-0.50000	0.0	0.0	0.0
	58.00000	29.00000	0.00000	-0.95440	-0.50000	0.0	0.0	0.0
	59.00000	29.00000	0.00000	-0.81336	-0.50000	0.0	0.0	0.0
	60.00000	29.00000	0.00000	-0.68509	-0.50000	0.0	0.0	0.0
	-20.00000	30.00000	0.00000	-0.66828	-0.50000	0.0	0.0	0.0
	-19.00000	30.00000	0.00000	-0.79408	-0.50000	0.0	0.0	0.0
	-18.00000	30.00000	0.00000	-0.93232	-0.50000	0.0	0.0	0.0
	-17.00000	30.00000	0.00000	-1.0843	-0.50000	0.0	0.0	0.0
	-16.00000	30.00000	0.00000	-1.2517	-0.50000	0.0	0.0	0.0
	-15.00000	30.00000	0.00000	-1.4361	-0.50000	0.0	0.0	0.0
	-14.00000	30.00000	0.00000	-1.6396	-0.50000	0.0	0.0	0.0
	-13.00000	30.00000	0.00000	-1.8646	-0.50000	0.0	0.0	0.0
	-12.00000	30.00000	0.00000	-2.1140	-0.50000	0.0	0.0	0.0
	-11.00000	30.00000	0.00000	-2.3909	-0.50000	0.0	0.0	0.0
	-10.00000	30.00000	0.00000	-2.6994	-0.50000	0.0	0.0	0.0
	-9.00000	30.00000	0.00000	-3.0443	-0.50000	0.0	0.0	0.0
	-8.00000	30.00000	0.00000	-3.4316	-0.50000	0.0	0.0	0.0
	-7.00000	30.00000	0.00000	-3.8688	-0.50000	0.0	0.0	0.0
	-6.00000	30.00000	0.00000	-4.3653	-0.50000	0.0	0.0	0.0
	-5.00000	30.00000	0.00000	-4.9338	-0.50000	0.0	0.0	0.0
	-4.00000	30.00000	0.00000	-5.5911	-0.50000	0.0	0.0	0.0
	-3.00000	30.00000	0.00000	-6.3606	-0.50000	0.0	0.0	0.0
	-2.00000	30.00000	0.00000	-7.2750	-0.50000	0.0	0.0	0.0
	-1.00000	30.00000	0.00000	-8.3756	-0.50000	0.0	0.0	0.0
	0.00000	30.00000	0.00000	-9.6646	-0.50000	0.0	0.0	0.0
	1.00000	30.00000	0.00000	-10.954	-0.50000	0.0	0.0	0.0
	2.00000	30.00000	0.00000	-12.057	-0.50000	0.0	0.0	0.0
	3.00000	30.00000	0.00000	-12.974	-0.50000	0.0	0.0	0.0
	4.00000	30.00000	0.00000	-13.748	-0.50000	0.0	0.0	0.0
	5.00000	30.00000	0.00000	-14.410	-0.50000	0.0	0.0	0.0
	6.00000	30.00000	0.00000	-14.984	-0.50000	0.0	0.0	0.0
	7.00000	30.00000	0.00000	-15.487	-0.50000	0.0	0.0	0.0
	8.00000	30.00000	0.00000	-15.932	-0.50000	0.0	0.0	0.0
	9.00000	30.00000	0.00000	-16.328	-0.50000	0.0	0.0	0.0
	10.00000	30.00000	0.00000	-16.683	-0.50000	0.0	0.0	0.0
	11.00000	30.00000	0.00000	-17.004	-0.50000	0.0	0.0	0.0
	12.00000	30.00000	0.00000	-17.298	-0.50000	0.0	0.0	0.0
	13.00000	30.00000	0.00000	-17.571	-0.50000	0.0	0.0	0.0
	14.00000	30.00000	0.00000	-17.828	-0.50000	0.0	0.0	0.0
	15.00000	30.00000	0.00000	-18.079	-0.50000	0.0	0.0	0.0
	16.00000	30.00000	0.00000	-18.333	-0.50000	0.0	0.0	0.0
	17.00000	30.00000	0.00000	-18.605	-0.50000	0.0	0.0	0.0
	18.00000	30.00000	0.00000	-18.921	-0.50000	0.0	0.0	0.0
	19.00000	30.00000	0.00000	-19.325	-0.50000	0.0	0.0	0.0
	20.00000	30.00000	0.00000	-19.912	-0.50000	0.0	0.0	0.0
	21.00000	30.00000	0.00000	-20.927	-0.50000	0.0	0.0	0.0
	22.00000	30.00000	0.00000	-24.043	-0.50000	0.0	0.0	0.0
	23.00000	30.00000	0.00000	-27.127	-0.50000	0.0	0.0	0.0
	24.00000	30.00000	0.00000	-28.045	-0.50000	0.0	0.0	0.0
	25.00000	30.00000	0.00000	-28.469	-0.50000	0.0	0.0	0.0
	26.00000	30.00000	0.00000	-28.641	-0.50000	0.0	0.0	0.0
	27.00000	30.00000	0.00000	-28.651	-0.50000	0.0	0.0	0.0
	28.00000	30.00000	0.00000	-28.539	-0.50000	0.0	0.0	0.0
	29.00000	30.00000	0.00000	-28.322	-0.50000	0.0	0.0	0.0
	30.00000	30.00000	0.00000	-28.004	-0.50000	0.0	0.0	0.0
	31.00000	30.00000	0.00000	-27.582	-0.50000	0.0	0.0	0.0
	32.00000	30.00000	0.00000	-27.043	-0.50000	0.0	0.0	0.0
	33.00000	30.00000	0.00000	-26.366	-0.50000	0.0	0.0	0.0
	34.00000	30.00000	0.00000	-25.512	-0.50000	0.0	0.0	0.0
	35.00000	30.00000	0.00000	-24.417	-0.50000	0.0	0.0	0.0
	36.00000	30.00000	0.00000	-22.953	-0.50000	0.0	0.0	0.0
	37.00000	30.00000	0.00000	-20.837	-0.50000	0.0	0.0	0.0
	38.00000	30.00000	0.00000	-16.394	-0.50000	0.0	0.0	0.0
	39.00000	30.00000	0.00000	-11.944	-0.50000	0.0	0.0	0.0
	40.00000	30.00000	0.00000	-9.8068	-0.50000	0.0	0.0	0.0
	41.00000	30.00000	0.00000	-8.3073	-0.50000	0.0	0.0	0.0
	42.00000	30.00000	0.00000	-7.1599	-0.50000	0.0	0.0	0.0
	43.00000	30.00000	0.00000	-6.2372	-0.50000	0.0	0.0	0.0
	44.00000	30.00000	0.00000	-5.4716	-0.50000	0.0	0.0	0.0
	45.00000	30.00000	0.00000	-4.8226	-0.50000	0.0	0.0	0.0
	46.00000	30.00000	0.00000	-4.2638	-0.50000	0.0	0.0	0.0
	47.00000	30.00000	0.00000	-3.7771	-0.50000	0.0	0.0	0.0
	48.00000	30.00000	0.00000	-3.3493	-0.50000	0.0	0.0	0.0
	49.00000	30.00000	0.00000	-2.9706	-0.50000	0.0	0.0	0.0
	50.00000	30.00000	0.00000	-2.6335	-0.50000	0.0	0.0	0.0
	51.00000	30.00000	0.00000	-2.3319	-0.50000	0.0	0.0	0.0
	52.00000	30.00000	0.00000	-2.0612	-0.50000	0.0	0.0	0.0
	53.00000	30.00000	0.00000	-1.8174	-0.50000	0.0	0.0	0.0
	54.00000	30.00000	0.00000	-1.5972	-0.50000	0.0	0.0	0.0
	55.00000	30.00000	0.00000	-1.3980	-0.50000	0.0	0.0	0.0
	56.00000	30.00000	0.00000	-1.2174	-0.50000	0.0	0.0	0.0
	57.00000	30.00000	0.00000	-1.0535	-0.50000	0.0	0.0	0.0
	58.00000	30.00000	0.00000	-0.90444	-0.50000	0.0	0.0	0.0
	59.00000	30.00000	0.00000	-0.76886	-0.50000	0.0	0.0	0.0
	60.00000	30.00000	0.00000	-0.64543	-0.50000	0.0	0.0	0.0
	-20.00000	31.00000	0.00000	-0.62211	-0.50000	0.0	0.0	0.0
	-19.00000	31.00000	0.00000	-0.74207	-0.50000	0.0	0.0	0.0
	-18.00000	31.00000	0.00000	-0.87366	-0.50000	0.0	0.0	0.0
	-17.00000	31.00000	0.00000	-1.0181	-0.50000	0.0	0.0	0.0
	-16.00000	31.00000	0.00000	-1.1767	-0.50000	0.0	0.0	0.0
	-15.00000	31.00000	0.00000	-1.3510	-0.50000	0.0	0.0	0.0
	-14.00000	31.00000	0.00000	-1.5429	-0.50000	0.0	0.0	0.0
	-13.00000	31.00000	0.00000	-1.7544	-0.50000	0.0	0.0	0.0
	-12.00000	31.00000	0.00000	-1.9878	-0.50000	0.0	0.0	0.0
	-11.00000	31.00000	0.00000	-2.2458	-0.50000	0.0	0.0	0.0
	-10.00000	31.00000	0.00000	-2.5319	-0.50000	0.0	0.0	0.0
	-9.00000	31.00000	0.00000	-2.8498	-0.50000	0.0	0.0	0.0
	-8.00000	31.00000	0.00000	-3.2041	-0.50000	0.0	0.0	0.0
	-7.00000	31.00000	0.00000	-3.6004	-0.50000	0.0	0.0	0.0
	-6.00000	31.00000	0.00000	-4.0455	-0.50000	0.0	0.0	0.0
	-5.00000	31.00000	0.00000	-4.5475	-0.50000	0.0	0.0	0.0
	-4.00000	31.00000	0.00000	-5.1162	-0.50000	0.0	0.0	0.0
	-3.00000	31.00000	0.00000	-5.7629	-0.50000	0.0	0.0	0.0
	-2.00000	31.00000	0.00000	-6.4983	-0.50000	0.0	0.0	0.0
	-1.00000	31.00000	0.00000	-7.3249	-0.50000	0.0	0.0	0.0
	0.00000	31.00000	0.00000	-8.2179	-0.50000	0.0	0.0	0.0
	1.00000	31.00000	0.00000	-9.1113	-0.50000	0.0	0.0	0.0
	2.00000	31.00000	0.00000	-9.9393	-0.50000	0.0	0.0	0.0
	3.00000	31.00000	0.00000	-10.677	-0.50000	0.0	0.0	0.0
	4.00000	31.00000	0.00000	-11.327	-0.50000	0.0	0.0	0.0
	5.00000	31.00000	0.00000	-11.899	-0.50000	0.0	0.0	0.0
	6.00000	31.00000	0.00000	-12.406	-0.50000	0.0	0.0	0.0
	7.00000	31.00000	0.00000	-12.857	-0.50000	0.0	0.0	0.0
	8.00000	31.00000	0.00000	-13.259	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	9.00000	31.00000	0.00000	-13.622	-0.50000	0.0	0.0	0.0
	10.00000	31.00000	0.00000	-13.949	-0.50000	0.0	0.0	0.0
	11.00000	31.00000	0.00000	-14.248	-0.50000	0.0	0.0	0.0
	12.00000	31.00000	0.00000	-14.524	-0.50000	0.0	0.0	0.0
	13.00000	31.00000	0.00000	-14.781	-0.50000	0.0	0.0	0.0
	14.00000	31.00000	0.00000	-15.026	-0.50000	0.0	0.0	0.0
	15.00000	31.00000	0.00000	-15.267	-0.50000	0.0	0.0	0.0
	16.00000	31.00000	0.00000	-15.513	-0.50000	0.0	0.0	0.0
	17.00000	31.00000	0.00000	-15.780	-0.50000	0.0	0.0	0.0
	18.00000	31.00000	0.00000	-16.093	-0.50000	0.0	0.0	0.0
	19.00000	31.00000	0.00000	-16.495	-0.50000	0.0	0.0	0.0
	20.00000	31.00000	0.00000	-17.083	-0.50000	0.0	0.0	0.0
	21.00000	31.00000	0.00000	-18.100	-0.50000	0.0	0.0	0.0
	22.00000	31.00000	0.00000	-21.220	-0.50000	0.0	0.0	0.0
	23.00000	31.00000	0.00000	-24.309	-0.50000	0.0	0.0	0.0
	24.00000	31.00000	0.00000	-25.236	-0.50000	0.0	0.0	0.0
	25.00000	31.00000	0.00000	-25.671	-0.50000	0.0	0.0	0.0
	26.00000	31.00000	0.00000	-25.856	-0.50000	0.0	0.0	0.0
	27.00000	31.00000	0.00000	-25.883	-0.50000	0.0	0.0	0.0
	28.00000	31.00000	0.00000	-25.792	-0.50000	0.0	0.0	0.0
	29.00000	31.00000	0.00000	-25.601	-0.50000	0.0	0.0	0.0
	30.00000	31.00000	0.00000	-25.315	-0.50000	0.0	0.0	0.0
	31.00000	31.00000	0.00000	-24.934	-0.50000	0.0	0.0	0.0
	32.00000	31.00000	0.00000	-24.446	-0.50000	0.0	0.0	0.0
	33.00000	31.00000	0.00000	-23.835	-0.50000	0.0	0.0	0.0
	34.00000	31.00000	0.00000	-23.070	-0.50000	0.0	0.0	0.0
	35.00000	31.00000	0.00000	-22.097	-0.50000	0.0	0.0	0.0
	36.00000	31.00000	0.00000	-20.813	-0.50000	0.0	0.0	0.0
	37.00000	31.00000	0.00000	-18.971	-0.50000	0.0	0.0	0.0
	38.00000	31.00000	0.00000	-14.924	-0.50000	0.0	0.0	0.0
	39.00000	31.00000	0.00000	-10.870	-0.50000	0.0	0.0	0.0
	40.00000	31.00000	0.00000	-9.0079	-0.50000	0.0	0.0	0.0
	41.00000	31.00000	0.00000	-7.6881	-0.50000	0.0	0.0	0.0
	42.00000	31.00000	0.00000	-6.6642	-0.50000	0.0	0.0	0.0
	43.00000	31.00000	0.00000	-5.8312	-0.50000	0.0	0.0	0.0
	44.00000	31.00000	0.00000	-5.1332	-0.50000	0.0	0.0	0.0
	45.00000	31.00000	0.00000	-4.5368	-0.50000	0.0	0.0	0.0
	46.00000	31.00000	0.00000	-4.0200	-0.50000	0.0	0.0	0.0
	47.00000	31.00000	0.00000	-3.5675	-0.50000	0.0	0.0	0.0
	48.00000	31.00000	0.00000	-3.1678	-0.50000	0.0	0.0	0.0
	49.00000	31.00000	0.00000	-2.8127	-0.50000	0.0	0.0	0.0
	50.00000	31.00000	0.00000	-2.4954	-0.50000	0.0	0.0	0.0
	51.00000	31.00000	0.00000	-2.2108	-0.50000	0.0	0.0	0.0
	52.00000	31.00000	0.00000	-1.9546	-0.50000	0.0	0.0	0.0
	53.00000	31.00000	0.00000	-1.7233	-0.50000	0.0	0.0	0.0
	54.00000	31.00000	0.00000	-1.5140	-0.50000	0.0	0.0	0.0
	55.00000	31.00000	0.00000	-1.3243	-0.50000	0.0	0.0	0.0
	56.00000	31.00000	0.00000	-1.1520	-0.50000	0.0	0.0	0.0
	57.00000	31.00000	0.00000	-0.99527	-0.50000	0.0	0.0	0.0
	58.00000	31.00000	0.00000	-0.85265	-0.50000	0.0	0.0	0.0
	59.00000	31.00000	0.00000	-0.72272	-0.50000	0.0	0.0	0.0
	60.00000	31.00000	0.00000	-0.60429	-0.50000	0.0	0.0	0.0
	-20.00000	32.00000	0.00000	-0.57485	-0.50000	0.0	0.0	0.0
	-19.00000	32.00000	0.00000	-0.68891	-0.50000	0.0	0.0	0.0
	-18.00000	32.00000	0.00000	-0.81378	-0.50000	0.0	0.0	0.0
	-17.00000	32.00000	0.00000	-0.95053	-0.50000	0.0	0.0	0.0
	-16.00000	32.00000	0.00000	-1.1004	-0.50000	0.0	0.0	0.0
	-15.00000	32.00000	0.00000	-1.2646	-0.50000	0.0	0.0	0.0
	-14.00000	32.00000	0.00000	-1.4448	-0.50000	0.0	0.0	0.0
	-13.00000	32.00000	0.00000	-1.6427	-0.50000	0.0	0.0	0.0
	-12.00000	32.00000	0.00000	-1.8603	-0.50000	0.0	0.0	0.0
	-11.00000	32.00000	0.00000	-2.0998	-0.50000	0.0	0.0	0.0
	-10.00000	32.00000	0.00000	-2.3638	-0.50000	0.0	0.0	0.0
	-9.00000	32.00000	0.00000	-2.6554	-0.50000	0.0	0.0	0.0
	-8.00000	32.00000	0.00000	-2.9778	-0.50000	0.0	0.0	0.0
	-7.00000	32.00000	0.00000	-3.3352	-0.50000	0.0	0.0	0.0
	-6.00000	32.00000	0.00000	-3.7319	-0.50000	0.0	0.0	0.0
	-5.00000	32.00000	0.00000	-4.1728	-0.50000	0.0	0.0	0.0
	-4.00000	32.00000	0.00000	-4.6630	-0.50000	0.0	0.0	0.0
	-3.00000	32.00000	0.00000	-5.2066	-0.50000	0.0	0.0	0.0
	-2.00000	32.00000	0.00000	-5.8049	-0.50000	0.0	0.0	0.0
	-1.00000	32.00000	0.00000	-6.4520	-0.50000	0.0	0.0	0.0
	0.00000	32.00000	0.00000	-7.1296	-0.50000	0.0	0.0	0.0
	1.00000	32.00000	0.00000	-7.8076	-0.50000	0.0	0.0	0.0
	2.00000	32.00000	0.00000	-8.4557	-0.50000	0.0	0.0	0.0
	3.00000	32.00000	0.00000	-9.0558	-0.50000	0.0	0.0	0.0
	4.00000	32.00000	0.00000	-9.6018	-0.50000	0.0	0.0	0.0
	5.00000	32.00000	0.00000	-10.095	-0.50000	0.0	0.0	0.0
	6.00000	32.00000	0.00000	-10.540	-0.50000	0.0	0.0	0.0
	7.00000	32.00000	0.00000	-10.941	-0.50000	0.0	0.0	0.0
	8.00000	32.00000	0.00000	-11.304	-0.50000	0.0	0.0	0.0
	9.00000	32.00000	0.00000	-11.634	-0.50000	0.0	0.0	0.0
	10.00000	32.00000	0.00000	-11.935	-0.50000	0.0	0.0	0.0
	11.00000	32.00000	0.00000	-12.211	-0.50000	0.0	0.0	0.0
	12.00000	32.00000	0.00000	-12.467	-0.50000	0.0	0.0	0.0
	13.00000	32.00000	0.00000	-12.708	-0.50000	0.0	0.0	0.0
	14.00000	32.00000	0.00000	-12.939	-0.50000	0.0	0.0	0.0
	15.00000	32.00000	0.00000	-13.167	-0.50000	0.0	0.0	0.0
	16.00000	32.00000	0.00000	-13.401	-0.50000	0.0	0.0	0.0
	17.00000	32.00000	0.00000	-13.653	-0.50000	0.0	0.0	0.0
	18.00000	32.00000	0.00000	-13.945	-0.50000	0.0	0.0	0.0
	19.00000	32.00000	0.00000	-14.312	-0.50000	0.0	0.0	0.0
	20.00000	32.00000	0.00000	-14.822	-0.50000	0.0	0.0	0.0
	21.00000	32.00000	0.00000	-15.625	-0.50000	0.0	0.0	0.0
	22.00000	32.00000	0.00000	-17.563	-0.50000	0.0	0.0	0.0
	23.00000	32.00000	0.00000	-19.473	-0.50000	0.0	0.0	0.0
	24.00000	32.00000	0.00000	-20.191	-0.50000	0.0	0.0	0.0
	25.00000	32.00000	0.00000	-20.559	-0.50000	0.0	0.0	0.0
	26.00000	32.00000	0.00000	-20.724	-0.50000	0.0	0.0	0.0
	27.00000	32.00000	0.00000	-20.752	-0.50000	0.0	0.0	0.0
	28.00000	32.00000	0.00000	-20.673	-0.50000	0.0	0.0	0.0
	29.00000	32.00000	0.00000	-20.503	-0.50000	0.0	0.0	0.0
	30.00000	32.00000	0.00000	-20.247	-0.50000	0.0	0.0	0.0
	31.00000	32.00000	0.00000	-19.905	-0.50000	0.0	0.0	0.0
	32.00000	32.00000	0.00000	-19.469	-0.50000	0.0	0.0	0.0
	33.00000	32.00000	0.00000	-18.927	-0.50000	0.0	0.0	0.0
	34.00000	32.00000	0.00000	-18.256	-0.50000	0.0	0.0	0.0
	35.00000	32.00000	0.00000	-17.420	-0.50000	0.0	0.0	0.0
	36.00000	32.00000	0.00000	-16.350	-0.50000	0.0	0.0	0.0
	37.00000	32.00000	0.00000	-14.904	-0.50000	0.0	0.0	0.0
	38.00000	32.00000	0.00000	-12.258	-0.50000	0.0	0.0	0.0
	39.00000	32.00000	0.00000	-9.6057	-0.50000	0.0	0.0	0.0
	40.00000	32.00000	0.00000	-8.1397	-0.50000	0.0	0.0	0.0
	41.00000	32.00000	0.00000	-7.0353	-0.50000	0.0	0.0	0.0
	42.00000	32.00000	0.00000	-6.1490	-0.50000	0.0	0.0	0.0
	43.00000	32.00000	0.00000	-5.4120	-0.50000	0.0	0.0	0.0
	44.00000	32.00000	0.00000	-4.7852	-0.50000	0.0	0.0	0.0
	45.00000	32.00000	0.00000	-4.2436	-0.50000	0.0	0.0	0.0
	46.00000	32.00000	0.00000	-3.7703	-0.50000	0.0	0.0	0.0
	47.00000	32.00000	0.00000	-3.3528	-0.50000	0.0	0.0	0.0
	48.00000	32.00000	0.00000	-2.9821	-0.50000	0.0	0.0	0.0
	49.00000	32.00000	0.00000	-2.6510	-0.50000	0.0	0.0	0.0
	50.00000	32.00000	0.00000	-2.3541	-0.50000	0.0	0.0	0.0
	51.00000	32.00000	0.00000	-2.0868	-0.50000	0.0	0.0	0.0
	52.00000	32.00000	0.00000	-1.8454	-0.50000	0.0	0.0	0.0
	53.00000	32.00000	0.00000	-1.6269	-0.50000	0.0	0.0	0.0
	54.00000	32.00000	0.00000	-1.4287	-0.50000	0.0	0.0	0.0
	55.00000	32.00000	0.00000	-1.2486	-0.50000	0.0	0.0	0.0
	56.00000	32.00000	0.00000	-1.0847	-0.50000	0.0	0.0	0.0
	57.00000	32.00000	0.00000	-0.93545	-0.50000	0.0	0.0	0.0
	58.00000	32.00000	0.00000	-0.79937	-0.50000	0.0	0.0	0.0
	59.00000	32.00000	0.00000	-0.67523	-0.50000	0.0	0.0	0.0
	60.00000	32.00000	0.00000	-0.56192	-0.50000	0.0	0.0	0.0
	-20.00000	33.00000	0.00000	-0.52685	-0.50000	0.0	0.0	0.0
	-19.00000	33.00000	0.00000	-0.63498	-0.50000	0.0	0.0	0.0
	-18.00000	33.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-12.00000	33.00000	0.00000	-1.7329	-0.50000	0.0	0.0	0.0
	-11.00000	33.00000	0.00000	-1.9543	-0.50000	0.0	0.0	0.0
	-10.00000	33.00000	0.00000	-2.1970	-0.50000	0.0	0.0	0.0
	-9.00000	33.00000	0.00000	-2.4633	-0.50000	0.0	0.0	0.0
	-8.00000	33.00000	0.00000	-2.7557	-0.50000	0.0	0.0	0.0
	-7.00000	33.00000	0.00000	-3.0767	-0.50000	0.0	0.0	0.0
	-6.00000	33.00000	0.00000	-3.4292	-0.50000	0.0	0.0	0.0
	-5.00000	33.00000	0.00000	-3.8158	-0.50000	0.0	0.0	0.0
	-4.00000	33.00000	0.00000	-4.2386	-0.50000	0.0	0.0	0.0
	-3.00000	33.00000	0.00000	-4.6984	-0.50000	0.0	0.0	0.0
	-2.00000	33.00000	0.00000	-5.1932	-0.50000	0.0	0.0	0.0
	-1.00000	33.00000	0.00000	-5.7166	-0.50000	0.0	0.0	0.0
	0.00000	33.00000	0.00000	-6.2566	-0.50000	0.0	0.0	0.0
	1.00000	33.00000	0.00000	-6.7969	-0.50000	0.0	0.0	0.0
	2.00000	33.00000	0.00000	-7.3211	-0.50000	0.0	0.0	0.0
	3.00000	33.00000	0.00000	-7.8172	-0.50000	0.0	0.0	0.0
	4.00000	33.00000	0.00000	-8.2788	-0.50000	0.0	0.0	0.0
	5.00000	33.00000	0.00000	-8.7040	-0.50000	0.0	0.0	0.0
	6.00000	33.00000	0.00000	-9.0937	-0.50000	0.0	0.0	0.0
	7.00000	33.00000	0.00000	-9.4500	-0.50000	0.0	0.0	0.0
	8.00000	33.00000	0.00000	-9.7760	-0.50000	0.0	0.0	0.0
	9.00000	33.00000	0.00000	-10.075	-0.50000	0.0	0.0	0.0
	10.00000	33.00000	0.00000	-10.349	-0.50000	0.0	0.0	0.0
	11.00000	33.00000	0.00000	-10.604	-0.50000	0.0	0.0	0.0
	12.00000	33.00000	0.00000	-10.841	-0.50000	0.0	0.0	0.0
	13.00000	33.00000	0.00000	-11.064	-0.50000	0.0	0.0	0.0
	14.00000	33.00000	0.00000	-11.280	-0.50000	0.0	0.0	0.0
	15.00000	33.00000	0.00000	-11.492	-0.50000	0.0	0.0	0.0
	16.00000	33.00000	0.00000	-11.709	-0.50000	0.0	0.0	0.0
	17.00000	33.00000	0.00000	-11.940	-0.50000	0.0	0.0	0.0
	18.00000	33.00000	0.00000	-12.200	-0.50000	0.0	0.0	0.0
	19.00000	33.00000	0.00000	-12.513	-0.50000	0.0	0.0	0.0
	20.00000	33.00000	0.00000	-12.911	-0.50000	0.0	0.0	0.0
	21.00000	33.00000	0.00000	-13.443	-0.50000	0.0	0.0	0.0
	22.00000	33.00000	0.00000	-14.121	-0.50000	0.0	0.0	0.0
	23.00000	33.00000	0.00000	-14.774	-0.50000	0.0	0.0	0.0
	24.00000	33.00000	0.00000	-15.228	-0.50000	0.0	0.0	0.0
	25.00000	33.00000	0.00000	-15.495	-0.50000	0.0	0.0	0.0
	26.00000	33.00000	0.00000	-15.621	-0.50000	0.0	0.0	0.0
	27.00000	33.00000	0.00000	-15.637	-0.50000	0.0	0.0	0.0
	28.00000	33.00000	0.00000	-15.564	-0.50000	0.0	0.0	0.0
	29.00000	33.00000	0.00000	-15.411	-0.50000	0.0	0.0	0.0
	30.00000	33.00000	0.00000	-15.182	-0.50000	0.0	0.0	0.0
	31.00000	33.00000	0.00000	-14.877	-0.50000	0.0	0.0	0.0
	32.00000	33.00000	0.00000	-14.491	-0.50000	0.0	0.0	0.0
	33.00000	33.00000	0.00000	-14.017	-0.50000	0.0	0.0	0.0
	34.00000	33.00000	0.00000	-13.440	-0.50000	0.0	0.0	0.0
	35.00000	33.00000	0.00000	-12.740	-0.50000	0.0	0.0	0.0
	36.00000	33.00000	0.00000	-11.884	-0.50000	0.0	0.0	0.0
	37.00000	33.00000	0.00000	-10.835	-0.50000	0.0	0.0	0.0
	38.00000	33.00000	0.00000	-9.5896	-0.50000	0.0	0.0	0.0
	39.00000	33.00000	0.00000	-8.3380	-0.50000	0.0	0.0	0.0
	40.00000	33.00000	0.00000	-7.2684	-0.50000	0.0	0.0	0.0
	41.00000	33.00000	0.00000	-6.3795	-0.50000	0.0	0.0	0.0
	42.00000	33.00000	0.00000	-5.6308	-0.50000	0.0	0.0	0.0
	43.00000	33.00000	0.00000	-4.9900	-0.50000	0.0	0.0	0.0
	44.00000	33.00000	0.00000	-4.4345	-0.50000	0.0	0.0	0.0
	45.00000	33.00000	0.00000	-3.9478	-0.50000	0.0	0.0	0.0
	46.00000	33.00000	0.00000	-3.5179	-0.50000	0.0	0.0	0.0
	47.00000	33.00000	0.00000	-3.1357	-0.50000	0.0	0.0	0.0
	48.00000	33.00000	0.00000	-2.7940	-0.50000	0.0	0.0	0.0
	49.00000	33.00000	0.00000	-2.4872	-0.50000	0.0	0.0	0.0
	50.00000	33.00000	0.00000	-2.2107	-0.50000	0.0	0.0	0.0
	51.00000	33.00000	0.00000	-1.9608	-0.50000	0.0	0.0	0.0
	52.00000	33.00000	0.00000	-1.7344	-0.50000	0.0	0.0	0.0
	53.00000	33.00000	0.00000	-1.5288	-0.50000	0.0	0.0	0.0
	54.00000	33.00000	0.00000	-1.3418	-0.50000	0.0	0.0	0.0
	55.00000	33.00000	0.00000	-1.1714	-0.50000	0.0	0.0	0.0
	56.00000	33.00000	0.00000	-1.0161	-0.50000	0.0	0.0	0.0
	57.00000	33.00000	0.00000	-0.87440	-0.50000	0.0	0.0	0.0
	58.00000	33.00000	0.00000	-0.74496	-0.50000	0.0	0.0	0.0
	59.00000	33.00000	0.00000	-0.62669	-0.50000	0.0	0.0	0.0
	60.00000	33.00000	0.00000	-0.51859	-0.50000	0.0	0.0	0.0
	-20.00000	34.00000	0.00000	-0.47842	-0.50000	0.0	0.0	0.0
	-19.00000	34.00000	0.00000	-0.58064	-0.50000	0.0	0.0	0.0
	-18.00000	34.00000	0.00000	-0.69209	-0.50000	0.0	0.0	0.0
	-17.00000	34.00000	0.00000	-0.81360	-0.50000	0.0	0.0	0.0
	-16.00000	34.00000	0.00000	-0.94605	-0.50000	0.0	0.0	0.0
	-15.00000	34.00000	0.00000	-1.0904	-0.50000	0.0	0.0	0.0
	-14.00000	34.00000	0.00000	-1.2478	-0.50000	0.0	0.0	0.0
	-13.00000	34.00000	0.00000	-1.4195	-0.50000	0.0	0.0	0.0
	-12.00000	34.00000	0.00000	-1.6066	-0.50000	0.0	0.0	0.0
	-11.00000	34.00000	0.00000	-1.8106	-0.50000	0.0	0.0	0.0
	-10.00000	34.00000	0.00000	-2.0331	-0.50000	0.0	0.0	0.0
	-9.00000	34.00000	0.00000	-2.2756	-0.50000	0.0	0.0	0.0
	-8.00000	34.00000	0.00000	-2.5400	-0.50000	0.0	0.0	0.0
	-7.00000	34.00000	0.00000	-2.8278	-0.50000	0.0	0.0	0.0
	-6.00000	34.00000	0.00000	-3.1407	-0.50000	0.0	0.0	0.0
	-5.00000	34.00000	0.00000	-3.4798	-0.50000	0.0	0.0	0.0
	-4.00000	34.00000	0.00000	-3.8458	-0.50000	0.0	0.0	0.0
	-3.00000	34.00000	0.00000	-4.2378	-0.50000	0.0	0.0	0.0
	-2.00000	34.00000	0.00000	-4.6532	-0.50000	0.0	0.0	0.0
	-1.00000	34.00000	0.00000	-5.0868	-0.50000	0.0	0.0	0.0
	0.00000	34.00000	0.00000	-5.5304	-0.50000	0.0	0.0	0.0
	1.00000	34.00000	0.00000	-5.9743	-0.50000	0.0	0.0	0.0
	2.00000	34.00000	0.00000	-6.4084	-0.50000	0.0	0.0	0.0
	3.00000	34.00000	0.00000	-6.8248	-0.50000	0.0	0.0	0.0
	4.00000	34.00000	0.00000	-7.2182	-0.50000	0.0	0.0	0.0
	5.00000	34.00000	0.00000	-7.5860	-0.50000	0.0	0.0	0.0
	6.00000	34.00000	0.00000	-7.9276	-0.50000	0.0	0.0	0.0
	7.00000	34.00000	0.00000	-8.2436	-0.50000	0.0	0.0	0.0
	8.00000	34.00000	0.00000	-8.5355	-0.50000	0.0	0.0	0.0
	9.00000	34.00000	0.00000	-8.8053	-0.50000	0.0	0.0	0.0
	10.00000	34.00000	0.00000	-9.0552	-0.50000	0.0	0.0	0.0
	11.00000	34.00000	0.00000	-9.2877	-0.50000	0.0	0.0	0.0
	12.00000	34.00000	0.00000	-9.5056	-0.50000	0.0	0.0	0.0
	13.00000	34.00000	0.00000	-9.7120	-0.50000	0.0	0.0	0.0
	14.00000	34.00000	0.00000	-9.9105	-0.50000	0.0	0.0	0.0
	15.00000	34.00000	0.00000	-10.106	-0.50000	0.0	0.0	0.0
	16.00000	34.00000	0.00000	-10.303	-0.50000	0.0	0.0	0.0
	17.00000	34.00000	0.00000	-10.509	-0.50000	0.0	0.0	0.0
	18.00000	34.00000	0.00000	-10.734	-0.50000	0.0	0.0	0.0
	19.00000	34.00000	0.00000	-10.989	-0.50000	0.0	0.0	0.0
	20.00000	34.00000	0.00000	-11.288	-0.50000	0.0	0.0	0.0
	21.00000	34.00000	0.00000	-11.637	-0.50000	0.0	0.0	0.0
	22.00000	34.00000	0.00000	-12.019	-0.50000	0.0	0.0	0.0
	23.00000	34.00000	0.00000	-12.377	-0.50000	0.0	0.0	0.0
	24.00000	34.00000	0.00000	-12.654	-0.50000	0.0	0.0	0.0
	25.00000	34.00000	0.00000	-12.832	-0.50000	0.0	0.0	0.0
	26.00000	34.00000	0.00000	-12.916	-0.50000	0.0	0.0	0.0
	27.00000	34.00000	0.00000	-12.917	-0.50000	0.0	0.0	0.0
	28.00000	34.00000	0.00000	-12.845	-0.50000	0.0	0.0	0.0
	29.00000	34.00000	0.00000	-12.705	-0.50000	0.0	0.0	0.0
	30.00000	34.00000	0.00000	-12.500	-0.50000	0.0	0.0	0.0
	31.00000	34.00000	0.00000	-12.230	-0.50000	0.0	0.0	0.0
	32.00000	34.00000	0.00000	-11.892	-0.50000	0.0	0.0	0.0
	33.00000	34.00000	0.00000	-11.482	-0.50000	0.0	0.0	0.0
	34.00000	34.00000	0.00000	-10.992	-0.50000	0.0	0.0	0.0
	35.00000	34.00000	0.00000	-10.413	-0.50000	0.0	0.0	0.0
	36.00000	34.00000	0.00000	-9.7359	-0.50000	0.0	0.0	0.0
	37.00000	34.00000	0.00000	-8.9599	-0.50000	0.0	0.0	0.0
	38.00000	34.00000	0.00000	-8.1107	-0.50000	0.0	0.0	0.0
	39.00000	34.00000	0.00000	-7.2553	-0.50000	0.0	0.0	0.0
	40.00000	34.00000	0.00000	-6.4603	-0.50000	0.0	0.0	0.0
	41.00000	34.00000	0.00000	-5.7512	-0.50000	0.0	0.0	0.0
	42.00000	34.00000	0.00000	-5.1263	-0.50000	0.0	0.0	0.0
	43.00000	34.00000	0.00000	-4.5754	-0.50000	0.0	0.0	0.0
	44.00000	34.00000	0.00000	-4.0878	-0.50000	0.0	0.0	0.0
	45.00000	34.00000	0.00000	-3.6541	-0.50000	0.0	0.0	0.0
	46.00000	34.00000	0.00000	-3.2666	-0.50000	0.0	0.0	0.0
	47.00000	34.00000	0.00000	-2.9189	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	48.00000	34.00000	0.00000	-2.6057	-0.50000	0.0	0.0	0.0
	49.00000	34.00000	0.00000	-2.3228	-0.50000	0.0	0.0	0.0
	50.00000	34.00000	0.00000	-2.0666	-0.50000	0.0	0.0	0.0
	51.00000	34.00000	0.00000	-1.8340	-0.50000	0.0	0.0	0.0
	52.00000	34.00000	0.00000	-1.6224	-0.50000	0.0	0.0	0.0
	53.00000	34.00000	0.00000	-1.4297	-0.50000	0.0	0.0	0.0
	54.00000	34.00000	0.00000	-1.2539	-0.50000	0.0	0.0	0.0
	55.00000	34.00000	0.00000	-1.0934	-0.50000	0.0	0.0	0.0
	56.00000	34.00000	0.00000	-0.94669	-0.50000	0.0	0.0	0.0
	57.00000	34.00000	0.00000	-0.81252	-0.50000	0.0	0.0	0.0
	58.00000	34.00000	0.00000	-0.68976	-0.50000	0.0	0.0	0.0
	59.00000	34.00000	0.00000	-0.57741	-0.50000	0.0	0.0	0.0
	60.00000	34.00000	0.00000	-0.47456	-0.50000	0.0	0.0	0.0
	-20.00000	35.00000	0.00000	-0.42985	-0.50000	0.0	0.0	0.0
	-19.00000	35.00000	0.00000	-0.52624	-0.50000	0.0	0.0	0.0
	-18.00000	35.00000	0.00000	-0.63110	-0.50000	0.0	0.0	0.0
	-17.00000	35.00000	0.00000	-0.74516	-0.50000	0.0	0.0	0.0
	-16.00000	35.00000	0.00000	-0.86918	-0.50000	0.0	0.0	0.0
	-15.00000	35.00000	0.00000	-1.0040	-0.50000	0.0	0.0	0.0
	-14.00000	35.00000	0.00000	-1.1504	-0.50000	0.0	0.0	0.0
	-13.00000	35.00000	0.00000	-1.3096	-0.50000	0.0	0.0	0.0
	-12.00000	35.00000	0.00000	-1.4823	-0.50000	0.0	0.0	0.0
	-11.00000	35.00000	0.00000	-1.6699	-0.50000	0.0	0.0	0.0
	-10.00000	35.00000	0.00000	-1.8733	-0.50000	0.0	0.0	0.0
	-9.00000	35.00000	0.00000	-2.0937	-0.50000	0.0	0.0	0.0
	-8.00000	35.00000	0.00000	-2.3323	-0.50000	0.0	0.0	0.0
	-7.00000	35.00000	0.00000	-2.5901	-0.50000	0.0	0.0	0.0
	-6.00000	35.00000	0.00000	-2.8679	-0.50000	0.0	0.0	0.0
	-5.00000	35.00000	0.00000	-3.1660	-0.50000	0.0	0.0	0.0
	-4.00000	35.00000	0.00000	-3.4842	-0.50000	0.0	0.0	0.0
	-3.00000	35.00000	0.00000	-3.8213	-0.50000	0.0	0.0	0.0
	-2.00000	35.00000	0.00000	-4.1746	-0.50000	0.0	0.0	0.0
	-1.00000	35.00000	0.00000	-4.5401	-0.50000	0.0	0.0	0.0
	0.00000	35.00000	0.00000	-4.9121	-0.50000	0.0	0.0	0.0
	1.00000	35.00000	0.00000	-5.2843	-0.50000	0.0	0.0	0.0
	2.00000	35.00000	0.00000	-5.6502	-0.50000	0.0	0.0	0.0
	3.00000	35.00000	0.00000	-6.0042	-0.50000	0.0	0.0	0.0
	4.00000	35.00000	0.00000	-6.3422	-0.50000	0.0	0.0	0.0
	5.00000	35.00000	0.00000	-6.6618	-0.50000	0.0	0.0	0.0
	6.00000	35.00000	0.00000	-6.9617	-0.50000	0.0	0.0	0.0
	7.00000	35.00000	0.00000	-7.2419	-0.50000	0.0	0.0	0.0
	8.00000	35.00000	0.00000	-7.5029	-0.50000	0.0	0.0	0.0
	9.00000	35.00000	0.00000	-7.7460	-0.50000	0.0	0.0	0.0
	10.00000	35.00000	0.00000	-7.9725	-0.50000	0.0	0.0	0.0
	11.00000	35.00000	0.00000	-8.1844	-0.50000	0.0	0.0	0.0
	12.00000	35.00000	0.00000	-8.3836	-0.50000	0.0	0.0	0.0
	13.00000	35.00000	0.00000	-8.5725	-0.50000	0.0	0.0	0.0
	14.00000	35.00000	0.00000	-8.7539	-0.50000	0.0	0.0	0.0
	15.00000	35.00000	0.00000	-8.9311	-0.50000	0.0	0.0	0.0
	16.00000	35.00000	0.00000	-9.1079	-0.50000	0.0	0.0	0.0
	17.00000	35.00000	0.00000	-9.2890	-0.50000	0.0	0.0	0.0
	18.00000	35.00000	0.00000	-9.4795	-0.50000	0.0	0.0	0.0
	19.00000	35.00000	0.00000	-9.6848	-0.50000	0.0	0.0	0.0
	20.00000	35.00000	0.00000	-9.9084	-0.50000	0.0	0.0	0.0
	21.00000	35.00000	0.00000	-10.148	-0.50000	0.0	0.0	0.0
	22.00000	35.00000	0.00000	-10.390	-0.50000	0.0	0.0	0.0
	23.00000	35.00000	0.00000	-10.610	-0.50000	0.0	0.0	0.0
	24.00000	35.00000	0.00000	-10.783	-0.50000	0.0	0.0	0.0
	25.00000	35.00000	0.00000	-10.896	-0.50000	0.0	0.0	0.0
	26.00000	35.00000	0.00000	-10.945	-0.50000	0.0	0.0	0.0
	27.00000	35.00000	0.00000	-10.931	-0.50000	0.0	0.0	0.0
	28.00000	35.00000	0.00000	-10.859	-0.50000	0.0	0.0	0.0
	29.00000	35.00000	0.00000	-10.730	-0.50000	0.0	0.0	0.0
	30.00000	35.00000	0.00000	-10.546	-0.50000	0.0	0.0	0.0
	31.00000	35.00000	0.00000	-10.308	-0.50000	0.0	0.0	0.0
	32.00000	35.00000	0.00000	-10.013	-0.50000	0.0	0.0	0.0
	33.00000	35.00000	0.00000	-9.6607	-0.50000	0.0	0.0	0.0
	34.00000	35.00000	0.00000	-9.2467	-0.50000	0.0	0.0	0.0
	35.00000	35.00000	0.00000	-8.7691	-0.50000	0.0	0.0	0.0
	36.00000	35.00000	0.00000	-8.2280	-0.50000	0.0	0.0	0.0
	37.00000	35.00000	0.00000	-7.6306	-0.50000	0.0	0.0	0.0
	38.00000	35.00000	0.00000	-6.9963	-0.50000	0.0	0.0	0.0
	39.00000	35.00000	0.00000	-6.3560	-0.50000	0.0	0.0	0.0
	40.00000	35.00000	0.00000	-5.7406	-0.50000	0.0	0.0	0.0
	41.00000	35.00000	0.00000	-5.1691	-0.50000	0.0	0.0	0.0
	42.00000	35.00000	0.00000	-4.6479	-0.50000	0.0	0.0	0.0
	43.00000	35.00000	0.00000	-4.1764	-0.50000	0.0	0.0	0.0
	44.00000	35.00000	0.00000	-3.7509	-0.50000	0.0	0.0	0.0
	45.00000	35.00000	0.00000	-3.3667	-0.50000	0.0	0.0	0.0
	46.00000	35.00000	0.00000	-3.0193	-0.50000	0.0	0.0	0.0
	47.00000	35.00000	0.00000	-2.7047	-0.50000	0.0	0.0	0.0
	48.00000	35.00000	0.00000	-2.4191	-0.50000	0.0	0.0	0.0
	49.00000	35.00000	0.00000	-2.1595	-0.50000	0.0	0.0	0.0
	50.00000	35.00000	0.00000	-1.9231	-0.50000	0.0	0.0	0.0
	51.00000	35.00000	0.00000	-1.7074	-0.50000	0.0	0.0	0.0
	52.00000	35.00000	0.00000	-1.5105	-0.50000	0.0	0.0	0.0
	53.00000	35.00000	0.00000	-1.3305	-0.50000	0.0	0.0	0.0
	54.00000	35.00000	0.00000	-1.1658	-0.50000	0.0	0.0	0.0
	55.00000	35.00000	0.00000	-1.0150	-0.50000	0.0	0.0	0.0
	56.00000	35.00000	0.00000	-0.87681	-0.50000	0.0	0.0	0.0
	57.00000	35.00000	0.00000	-0.75018	-0.50000	0.0	0.0	0.0
	58.00000	35.00000	0.00000	-0.63410	-0.50000	0.0	0.0	0.0
	59.00000	35.00000	0.00000	-0.52766	-0.50000	0.0	0.0	0.0
	60.00000	35.00000	0.00000	-0.43007	-0.50000	0.0	0.0	0.0
	-20.00000	36.00000	0.00000	-0.38144	-0.50000	0.0	0.0	0.0
	-19.00000	36.00000	0.00000	-0.47209	-0.50000	0.0	0.0	0.0
	-18.00000	36.00000	0.00000	-0.57052	-0.50000	0.0	0.0	0.0
	-17.00000	36.00000	0.00000	-0.67732	-0.50000	0.0	0.0	0.0
	-16.00000	36.00000	0.00000	-0.79314	-0.50000	0.0	0.0	0.0
	-15.00000	36.00000	0.00000	-0.91867	-0.50000	0.0	0.0	0.0
	-14.00000	36.00000	0.00000	-1.0546	-0.50000	0.0	0.0	0.0
	-13.00000	36.00000	0.00000	-1.2018	-0.50000	0.0	0.0	0.0
	-12.00000	36.00000	0.00000	-1.3610	-0.50000	0.0	0.0	0.0
	-11.00000	36.00000	0.00000	-1.5330	-0.50000	0.0	0.0	0.0
	-10.00000	36.00000	0.00000	-1.7186	-0.50000	0.0	0.0	0.0
	-9.00000	36.00000	0.00000	-1.9187	-0.50000	0.0	0.0	0.0
	-8.00000	36.00000	0.00000	-2.1339	-0.50000	0.0	0.0	0.0
	-7.00000	36.00000	0.00000	-2.3648	-0.50000	0.0	0.0	0.0
	-6.00000	36.00000	0.00000	-2.6116	-0.50000	0.0	0.0	0.0
	-5.00000	36.00000	0.00000	-2.8744	-0.50000	0.0	0.0	0.0
	-4.00000	36.00000	0.00000	-3.1524	-0.50000	0.0	0.0	0.0
	-3.00000	36.00000	0.00000	-3.4444	-0.50000	0.0	0.0	0.0
	-2.00000	36.00000	0.00000	-3.7481	-0.50000	0.0	0.0	0.0
	-1.00000	36.00000	0.00000	-4.0603	-0.50000	0.0	0.0	0.0
	0.00000	36.00000	0.00000	-4.3770	-0.50000	0.0	0.0	0.0
	1.00000	36.00000	0.00000	-4.6939	-0.50000	0.0	0.0	0.0
	2.00000	36.00000	0.00000	-5.0063	-0.50000	0.0	0.0	0.0
	3.00000	36.00000	0.00000	-5.3104	-0.50000	0.0	0.0	0.0
	4.00000	36.00000	0.00000	-5.6030	-0.50000	0.0	0.0	0.0
	5.00000	36.00000	0.00000	-5.8819	-0.50000	0.0	0.0	0.0
	6.00000	36.00000	0.00000	-6.1459	-0.50000	0.0	0.0	0.0
	7.00000	36.00000	0.00000	-6.3945	-0.50000	0.0	0.0	0.0
	8.00000	36.00000	0.00000	-6.6278	-0.50000	0.0	0.0	0.0
	9.00000	36.00000	0.00000	-6.8463	-0.50000	0.0	0.0	0.0
	10.00000	36.00000	0.00000	-7.0511	-0.50000	0.0	0.0	0.0
	11.00000	36.00000	0.00000	-7.2434	-0.50000	0.0	0.0	0.0
	12.00000	36.00000	0.00000	-7.4246	-0.50000	0.0	0.0	0.0
	13.00000	36.00000	0.00000	-7.5965	-0.50000	0.0	0.0	0.0
	14.00000	36.00000	0.00000	-7.7611	-0.50000	0.0	0.0	0.0
	15.00000	36.00000	0.00000	-7.9206	-0.50000	0.0	0.0	0.0
	16.00000	36.00000	0.00000	-8.0777	-0.50000	0.0	0.0	0.0
	17.00000	36.00000	0.00000	-8.2350	-0.50000	0.0	0.0	0.0
	18.00000	36.00000	0.00000	-8.3953	-0.50000	0.0	0.0	0.0
	19.00000	36.00000	0.00000	-8.5603	-0.50000	0.0	0.0	0.0
	20.00000	36.00

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	27.00000	36.00000	0.00000	-9.3844	-0.50000	0.0	0.0	0.0
	28.00000	36.00000	0.00000	-9.3121	-0.50000	0.0	0.0	0.0
	29.00000	36.00000	0.00000	-9.1934	-0.50000	0.0	0.0	0.0
	30.00000	36.00000	0.00000	-9.0290	-0.50000	0.0	0.0	0.0
	31.00000	36.00000	0.00000	-8.8189	-0.50000	0.0	0.0	0.0
	32.00000	36.00000	0.00000	-8.5628	-0.50000	0.0	0.0	0.0
	33.00000	36.00000	0.00000	-8.2600	-0.50000	0.0	0.0	0.0
	34.00000	36.00000	0.00000	-7.9103	-0.50000	0.0	0.0	0.0
	35.00000	36.00000	0.00000	-7.5142	-0.50000	0.0	0.0	0.0
	36.00000	36.00000	0.00000	-7.0749	-0.50000	0.0	0.0	0.0
	37.00000	36.00000	0.00000	-6.6000	-0.50000	0.0	0.0	0.0
	38.00000	36.00000	0.00000	-6.1023	-0.50000	0.0	0.0	0.0
	39.00000	36.00000	0.00000	-5.5990	-0.50000	0.0	0.0	0.0
	40.00000	36.00000	0.00000	-5.1071	-0.50000	0.0	0.0	0.0
	41.00000	36.00000	0.00000	-4.6392	-0.50000	0.0	0.0	0.0
	42.00000	36.00000	0.00000	-4.2023	-0.50000	0.0	0.0	0.0
	43.00000	36.00000	0.00000	-3.7987	-0.50000	0.0	0.0	0.0
	44.00000	36.00000	0.00000	-3.4282	-0.50000	0.0	0.0	0.0
	45.00000	36.00000	0.00000	-3.0890	-0.50000	0.0	0.0	0.0
	46.00000	36.00000	0.00000	-2.7788	-0.50000	0.0	0.0	0.0
	47.00000	36.00000	0.00000	-2.4952	-0.50000	0.0	0.0	0.0
	48.00000	36.00000	0.00000	-2.2359	-0.50000	0.0	0.0	0.0
	49.00000	36.00000	0.00000	-1.9985	-0.50000	0.0	0.0	0.0
	50.00000	36.00000	0.00000	-1.7812	-0.50000	0.0	0.0	0.0
	51.00000	36.00000	0.00000	-1.5820	-0.50000	0.0	0.0	0.0
	52.00000	36.00000	0.00000	-1.3993	-0.50000	0.0	0.0	0.0
	53.00000	36.00000	0.00000	-1.2318	-0.50000	0.0	0.0	0.0
	54.00000	36.00000	0.00000	-1.0779	-0.50000	0.0	0.0	0.0
	55.00000	36.00000	0.00000	-0.93668	-0.50000	0.0	0.0	0.0
	56.00000	36.00000	0.00000	-0.80695	-0.50000	0.0	0.0	0.0
	57.00000	36.00000	0.00000	-0.68777	-0.50000	0.0	0.0	0.0
	58.00000	36.00000	0.00000	-0.57830	-0.50000	0.0	0.0	0.0
	59.00000	36.00000	0.00000	-0.47773	-0.50000	0.0	0.0	0.0
	60.00000	36.00000	0.00000	-0.38538	-0.50000	0.0	0.0	0.0
	-20.00000	37.00000	0.00000	-0.33343	-0.50000	0.0	0.0	0.0
	-19.00000	37.00000	0.00000	-0.41849	-0.50000	0.0	0.0	0.0
	-18.00000	37.00000	0.00000	-0.51066	-0.50000	0.0	0.0	0.0
	-17.00000	37.00000	0.00000	-0.61043	-0.50000	0.0	0.0	0.0
	-16.00000	37.00000	0.00000	-0.71835	-0.50000	0.0	0.0	0.0
	-15.00000	37.00000	0.00000	-0.83499	-0.50000	0.0	0.0	0.0
	-14.00000	37.00000	0.00000	-0.96094	-0.50000	0.0	0.0	0.0
	-13.00000	37.00000	0.00000	-1.0968	-0.50000	0.0	0.0	0.0
	-12.00000	37.00000	0.00000	-1.2432	-0.50000	0.0	0.0	0.0
	-11.00000	37.00000	0.00000	-1.4007	-0.50000	0.0	0.0	0.0
	-10.00000	37.00000	0.00000	-1.5698	-0.50000	0.0	0.0	0.0
	-9.00000	37.00000	0.00000	-1.7512	-0.50000	0.0	0.0	0.0
	-8.00000	37.00000	0.00000	-1.9453	-0.50000	0.0	0.0	0.0
	-7.00000	37.00000	0.00000	-2.1521	-0.50000	0.0	0.0	0.0
	-6.00000	37.00000	0.00000	-2.3719	-0.50000	0.0	0.0	0.0
	-5.00000	37.00000	0.00000	-2.6042	-0.50000	0.0	0.0	0.0
	-4.00000	37.00000	0.00000	-2.8483	-0.50000	0.0	0.0	0.0
	-3.00000	37.00000	0.00000	-3.1029	-0.50000	0.0	0.0	0.0
	-2.00000	37.00000	0.00000	-3.3661	-0.50000	0.0	0.0	0.0
	-1.00000	37.00000	0.00000	-3.6356	-0.50000	0.0	0.0	0.0
	0.00000	37.00000	0.00000	-3.9083	-0.50000	0.0	0.0	0.0
	1.00000	37.00000	0.00000	-4.1810	-0.50000	0.0	0.0	0.0
	2.00000	37.00000	0.00000	-4.4505	-0.50000	0.0	0.0	0.0
	3.00000	37.00000	0.00000	-4.7140	-0.50000	0.0	0.0	0.0
	4.00000	37.00000	0.00000	-4.9689	-0.50000	0.0	0.0	0.0
	5.00000	37.00000	0.00000	-5.2134	-0.50000	0.0	0.0	0.0
	6.00000	37.00000	0.00000	-5.4464	-0.50000	0.0	0.0	0.0
	7.00000	37.00000	0.00000	-5.6672	-0.50000	0.0	0.0	0.0
	8.00000	37.00000	0.00000	-5.8756	-0.50000	0.0	0.0	0.0
	9.00000	37.00000	0.00000	-6.0719	-0.50000	0.0	0.0	0.0
	10.00000	37.00000	0.00000	-6.2566	-0.50000	0.0	0.0	0.0
	11.00000	37.00000	0.00000	-6.4305	-0.50000	0.0	0.0	0.0
	12.00000	37.00000	0.00000	-6.5947	-0.50000	0.0	0.0	0.0
	13.00000	37.00000	0.00000	-6.7503	-0.50000	0.0	0.0	0.0
	14.00000	37.00000	0.00000	-6.8988	-0.50000	0.0	0.0	0.0
	15.00000	37.00000	0.00000	-7.0415	-0.50000	0.0	0.0	0.0
	16.00000	37.00000	0.00000	-7.1802	-0.50000	0.0	0.0	0.0
	17.00000	37.00000	0.00000	-7.3163	-0.50000	0.0	0.0	0.0
	18.00000	37.00000	0.00000	-7.4509	-0.50000	0.0	0.0	0.0
	19.00000	37.00000	0.00000	-7.5844	-0.50000	0.0	0.0	0.0
	20.00000	37.00000	0.00000	-7.7157	-0.50000	0.0	0.0	0.0
	21.00000	37.00000	0.00000	-7.8416	-0.50000	0.0	0.0	0.0
	22.00000	37.00000	0.00000	-7.9565	-0.50000	0.0	0.0	0.0
	23.00000	37.00000	0.00000	-8.0531	-0.50000	0.0	0.0	0.0
	24.00000	37.00000	0.00000	-8.1241	-0.50000	0.0	0.0	0.0
	25.00000	37.00000	0.00000	-8.1634	-0.50000	0.0	0.0	0.0
	26.00000	37.00000	0.00000	-8.1674	-0.50000	0.0	0.0	0.0
	27.00000	37.00000	0.00000	-8.1341	-0.50000	0.0	0.0	0.0
	28.00000	37.00000	0.00000	-8.0628	-0.50000	0.0	0.0	0.0
	29.00000	37.00000	0.00000	-7.9535	-0.50000	0.0	0.0	0.0
	30.00000	37.00000	0.00000	-7.8062	-0.50000	0.0	0.0	0.0
	31.00000	37.00000	0.00000	-7.6212	-0.50000	0.0	0.0	0.0
	32.00000	37.00000	0.00000	-7.3985	-0.50000	0.0	0.0	0.0
	33.00000	37.00000	0.00000	-7.1385	-0.50000	0.0	0.0	0.0
	34.00000	37.00000	0.00000	-6.8420	-0.50000	0.0	0.0	0.0
	35.00000	37.00000	0.00000	-6.5109	-0.50000	0.0	0.0	0.0
	36.00000	37.00000	0.00000	-6.1489	-0.50000	0.0	0.0	0.0
	37.00000	37.00000	0.00000	-5.7623	-0.50000	0.0	0.0	0.0
	38.00000	37.00000	0.00000	-5.3597	-0.50000	0.0	0.0	0.0
	39.00000	37.00000	0.00000	-4.9520	-0.50000	0.0	0.0	0.0
	40.00000	37.00000	0.00000	-4.5494	-0.50000	0.0	0.0	0.0
	41.00000	37.00000	0.00000	-4.1607	-0.50000	0.0	0.0	0.0
	42.00000	37.00000	0.00000	-3.7915	-0.50000	0.0	0.0	0.0
	43.00000	37.00000	0.00000	-3.4451	-0.50000	0.0	0.0	0.0
	44.00000	37.00000	0.00000	-3.1224	-0.50000	0.0	0.0	0.0
	45.00000	37.00000	0.00000	-2.8234	-0.50000	0.0	0.0	0.0
	46.00000	37.00000	0.00000	-2.5471	-0.50000	0.0	0.0	0.0
	47.00000	37.00000	0.00000	-2.2923	-0.50000	0.0	0.0	0.0
	48.00000	37.00000	0.00000	-2.0575	-0.50000	0.0	0.0	0.0
	49.00000	37.00000	0.00000	-1.8412	-0.50000	0.0	0.0	0.0
	50.00000	37.00000	0.00000	-1.6420	-0.50000	0.0	0.0	0.0
	51.00000	37.00000	0.00000	-1.4586	-0.50000	0.0	0.0	0.0
	52.00000	37.00000	0.00000	-1.2897	-0.50000	0.0	0.0	0.0
	53.00000	37.00000	0.00000	-1.1341	-0.50000	0.0	0.0	0.0
	54.00000	37.00000	0.00000	-0.99088	-0.50000	0.0	0.0	0.0
	55.00000	37.00000	0.00000	-0.85896	-0.50000	0.0	0.0	0.0
	56.00000	37.00000	0.00000	-0.73748	-0.50000	0.0	0.0	0.0
	57.00000	37.00000	0.00000	-0.62563	-0.50000	0.0	0.0	0.0
	58.00000	37.00000	0.00000	-0.52266	-0.50000	0.0	0.0	0.0
	59.00000	37.00000	0.00000	-0.42790	-0.50000	0.0	0.0	0.0
	60.00000	37.00000	0.00000	-0.34072	-0.50000	0.0	0.0	0.0
	-20.00000	38.00000	0.00000	-0.28607	-0.50000	0.0	0.0	0.0
	-19.00000	38.00000	0.00000	-0.36571	-0.50000	0.0	0.0	0.0
	-18.00000	38.00000	0.00000	-0.45182	-0.50000	0.0	0.0	0.0
	-17.00000	38.00000	0.00000	-0.54482	-0.50000	0.0	0.0	0.0
	-16.00000	38.00000	0.00000	-0.64518	-0.50000	0.0	0.0	0.0
	-15.00000	38.00000	0.00000	-0.75334	-0.50000	0.0	0.0	0.0
	-14.00000	38.00000	0.00000	-0.86978	-0.50000	0.0	0.0	0.0
	-13.00000	38.00000	0.00000	-0.99496	-0.50000	0.0	0.0	0.0
	-12.00000	38.00000	0.00000	-1.1294	-0.50000	0.0	0.0	0.0
	-11.00000	38.00000	0.00000	-1.2734	-0.50000	0.0	0.0	0.0
	-10.00000	38.00000	0.00000	-1.4274	-0.50000	0.0	0.0	0.0
	-9.00000	38.00000	0.00000	-1.5918	-0.50000	0.0	0.0	0.0
	-8.00000	38.00000	0.00000	-1.7668	-0.50000	0.0	0.0	0.0
	-7.00000	38.00000	0.00000	-1.9523	-0.50000	0.0	0.0	0.0
	-6.00000	38.00000	0.00000	-2.1483	-0.50000	0.0	0.0	0.0
	-5.00000	38.00000	0.00000	-2.3542	-0.50000	0.0	0.0	0.0
	-4.00000	38.00000	0.00000	-2.5694	-0.50000	0.0	0.0	0.0
	-3.00000	38.00000	0.00000	-2.7927	-0.50000	0.0	0.0	0.0
	-2.00000	38.00000	0.00000	-3.0226	-0.50000	0.0	0.0	0.0
	-1.00000	38.00000	0.00000	-3.2570	-0.50000	0.0	0.0	0.0
	0.00000	38.00000	0.00000	-3.4938	-0.50000	0.0	0.0	0.0
	1.00000	38.00000	0.00000	-3.7307	-0.50000	0.0	0.0	0.0
	2.00000	38.00000	0.00000	-3.9651	-0.50000	0.0	0.0	0.0
	3.00000	38.00000	0.00000	-4.1949	-0.50000	0.0	0.0	0.0
	4.00000	38.00000	0.00000	-4.4181	-0.50000	0.0	0.0	0.0
	5.00000	38.00000	0.00000	-4.6334	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	6.00000	38.00000	0.00000	-4.8395	-0.50000	0.0	0.0	0.0
	7.00000	38.00000	0.00000	-5.0358	-0.50000	0.0	0.0	0.0
	8.00000	38.00000	0.00000	-5.2221	-0.50000	0.0	0.0	0.0
	9.00000	38.00000	0.00000	-5.3982	-0.50000	0.0	0.0	0.0
	10.00000	38.00000	0.00000	-5.5645	-0.50000	0.0	0.0	0.0
	11.00000	38.00000	0.00000	-5.7214	-0.50000	0.0	0.0	0.0
	12.00000	38.00000	0.00000	-5.8697	-0.50000	0.0	0.0	0.0
	13.00000	38.00000	0.00000	-6.0100	-0.50000	0.0	0.0	0.0
	14.00000	38.00000	0.00000	-6.1433	-0.50000	0.0	0.0	0.0
	15.00000	38.00000	0.00000	-6.2705	-0.50000	0.0	0.0	0.0
	16.00000	38.00000	0.00000	-6.3925	-0.50000	0.0	0.0	0.0
	17.00000	38.00000	0.00000	-6.5101	-0.50000	0.0	0.0	0.0
	18.00000	38.00000	0.00000	-6.6234	-0.50000	0.0	0.0	0.0
	19.00000	38.00000	0.00000	-6.7324	-0.50000	0.0	0.0	0.0
	20.00000	38.00000	0.00000	-6.8355	-0.50000	0.0	0.0	0.0
	21.00000	38.00000	0.00000	-6.9304	-0.50000	0.0	0.0	0.0
	22.00000	38.00000	0.00000	-7.0133	-0.50000	0.0	0.0	0.0
	23.00000	38.00000	0.00000	-7.0796	-0.50000	0.0	0.0	0.0
	24.00000	38.00000	0.00000	-7.1246	-0.50000	0.0	0.0	0.0
	25.00000	38.00000	0.00000	-7.1445	-0.50000	0.0	0.0	0.0
	26.00000	38.00000	0.00000	-7.1362	-0.50000	0.0	0.0	0.0
	27.00000	38.00000	0.00000	-7.0980	-0.50000	0.0	0.0	0.0
	28.00000	38.00000	0.00000	-7.0289	-0.50000	0.0	0.0	0.0
	29.00000	38.00000	0.00000	-6.9284	-0.50000	0.0	0.0	0.0
	30.00000	38.00000	0.00000	-6.7966	-0.50000	0.0	0.0	0.0
	31.00000	38.00000	0.00000	-6.6335	-0.50000	0.0	0.0	0.0
	32.00000	38.00000	0.00000	-6.4397	-0.50000	0.0	0.0	0.0
	33.00000	38.00000	0.00000	-6.2158	-0.50000	0.0	0.0	0.0
	34.00000	38.00000	0.00000	-5.9632	-0.50000	0.0	0.0	0.0
	35.00000	38.00000	0.00000	-5.6841	-0.50000	0.0	0.0	0.0
	36.00000	38.00000	0.00000	-5.3819	-0.50000	0.0	0.0	0.0
	37.00000	38.00000	0.00000	-5.0614	-0.50000	0.0	0.0	0.0
	38.00000	38.00000	0.00000	-4.7291	-0.50000	0.0	0.0	0.0
	39.00000	38.00000	0.00000	-4.3918	-0.50000	0.0	0.0	0.0
	40.00000	38.00000	0.00000	-4.0566	-0.50000	0.0	0.0	0.0
	41.00000	38.00000	0.00000	-3.7295	-0.50000	0.0	0.0	0.0
	42.00000	38.00000	0.00000	-3.4152	-0.50000	0.0	0.0	0.0
	43.00000	38.00000	0.00000	-3.1165	-0.50000	0.0	0.0	0.0
	44.00000	38.00000	0.00000	-2.8351	-0.50000	0.0	0.0	0.0
	45.00000	38.00000	0.00000	-2.5715	-0.50000	0.0	0.0	0.0
	46.00000	38.00000	0.00000	-2.3257	-0.50000	0.0	0.0	0.0
	47.00000	38.00000	0.00000	-2.0971	-0.50000	0.0	0.0	0.0
	48.00000	38.00000	0.00000	-1.8850	-0.50000	0.0	0.0	0.0
	49.00000	38.00000	0.00000	-1.6884	-0.50000	0.0	0.0	0.0
	50.00000	38.00000	0.00000	-1.5063	-0.50000	0.0	0.0	0.0
	51.00000	38.00000	0.00000	-1.3379	-0.50000	0.0	0.0	0.0
	52.00000	38.00000	0.00000	-1.1821	-0.50000	0.0	0.0	0.0
	53.00000	38.00000	0.00000	-1.0382	-0.50000	0.0	0.0	0.0
	54.00000	38.00000	0.00000	-0.90512	-0.50000	0.0	0.0	0.0
	55.00000	38.00000	0.00000	-0.78225	-0.50000	0.0	0.0	0.0
	56.00000	38.00000	0.00000	-0.66879	-0.50000	0.0	0.0	0.0
	57.00000	38.00000	0.00000	-0.56408	-0.50000	0.0	0.0	0.0
	58.00000	38.00000	0.00000	-0.46748	-0.50000	0.0	0.0	0.0
	59.00000	38.00000	0.00000	-0.37841	-0.50000	0.0	0.0	0.0
	60.00000	38.00000	0.00000	-0.29632	-0.50000	0.0	0.0	0.0
	-20.00000	39.00000	0.00000	-0.23955	-0.50000	0.0	0.0	0.0
	-19.00000	39.00000	0.00000	-0.31396	-0.50000	0.0	0.0	0.0
	-18.00000	39.00000	0.00000	-0.39425	-0.50000	0.0	0.0	0.0
	-17.00000	39.00000	0.00000	-0.48078	-0.50000	0.0	0.0	0.0
	-16.00000	39.00000	0.00000	-0.57392	-0.50000	0.0	0.0	0.0
	-15.00000	39.00000	0.00000	-0.67404	-0.50000	0.0	0.0	0.0
	-14.00000	39.00000	0.00000	-0.78151	-0.50000	0.0	0.0	0.0
	-13.00000	39.00000	0.00000	-0.89670	-0.50000	0.0	0.0	0.0
	-12.00000	39.00000	0.00000	-1.0199	-0.50000	0.0	0.0	0.0
	-11.00000	39.00000	0.00000	-1.1515	-0.50000	0.0	0.0	0.0
	-10.00000	39.00000	0.00000	-1.2917	-0.50000	0.0	0.0	0.0
	-9.00000	39.00000	0.00000	-1.4406	-0.50000	0.0	0.0	0.0
	-8.00000	39.00000	0.00000	-1.5984	-0.50000	0.0	0.0	0.0
	-7.00000	39.00000	0.00000	-1.7650	-0.50000	0.0	0.0	0.0
	-6.00000	39.00000	0.00000	-1.9401	-0.50000	0.0	0.0	0.0
	-5.00000	39.00000	0.00000	-2.1232	-0.50000	0.0	0.0	0.0
	-4.00000	39.00000	0.00000	-2.3136	-0.50000	0.0	0.0	0.0
	-3.00000	39.00000	0.00000	-2.5104	-0.50000	0.0	0.0	0.0
	-2.00000	39.00000	0.00000	-2.7122	-0.50000	0.0	0.0	0.0
	-1.00000	39.00000	0.00000	-2.9176	-0.50000	0.0	0.0	0.0
	0.00000	39.00000	0.00000	-3.1247	-0.50000	0.0	0.0	0.0
	1.00000	39.00000	0.00000	-3.3318	-0.50000	0.0	0.0	0.0
	2.00000	39.00000	0.00000	-3.5369	-0.50000	0.0	0.0	0.0
	3.00000	39.00000	0.00000	-3.7385	-0.50000	0.0	0.0	0.0
	4.00000	39.00000	0.00000	-3.9350	-0.50000	0.0	0.0	0.0
	5.00000	39.00000	0.00000	-4.1251	-0.50000	0.0	0.0	0.0
	6.00000	39.00000	0.00000	-4.3079	-0.50000	0.0	0.0	0.0
	7.00000	39.00000	0.00000	-4.4827	-0.50000	0.0	0.0	0.0
	8.00000	39.00000	0.00000	-4.6492	-0.50000	0.0	0.0	0.0
	9.00000	39.00000	0.00000	-4.8071	-0.50000	0.0	0.0	0.0
	10.00000	39.00000	0.00000	-4.9566	-0.50000	0.0	0.0	0.0
	11.00000	39.00000	0.00000	-5.0980	-0.50000	0.0	0.0	0.0
	12.00000	39.00000	0.00000	-5.2315	-0.50000	0.0	0.0	0.0
	13.00000	39.00000	0.00000	-5.3577	-0.50000	0.0	0.0	0.0
	14.00000	39.00000	0.00000	-5.4770	-0.50000	0.0	0.0	0.0
	15.00000	39.00000	0.00000	-5.5900	-0.50000	0.0	0.0	0.0
	16.00000	39.00000	0.00000	-5.6972	-0.50000	0.0	0.0	0.0
	17.00000	39.00000	0.00000	-5.7988	-0.50000	0.0	0.0	0.0
	18.00000	39.00000	0.00000	-5.8947	-0.50000	0.0	0.0	0.0
	19.00000	39.00000	0.00000	-5.9843	-0.50000	0.0	0.0	0.0
	20.00000	39.00000	0.00000	-6.0665	-0.50000	0.0	0.0	0.0
	21.00000	39.00000	0.00000	-6.1393	-0.50000	0.0	0.0	0.0
	22.00000	39.00000	0.00000	-6.2002	-0.50000	0.0	0.0	0.0
	23.00000	39.00000	0.00000	-6.2460	-0.50000	0.0	0.0	0.0
	24.00000	39.00000	0.00000	-6.2738	-0.50000	0.0	0.0	0.0
	25.00000	39.00000	0.00000	-6.2807	-0.50000	0.0	0.0	0.0
	26.00000	39.00000	0.00000	-6.2647	-0.50000	0.0	0.0	0.0
	27.00000	39.00000	0.00000	-6.2241	-0.50000	0.0	0.0	0.0
	28.00000	39.00000	0.00000	-6.1580	-0.50000	0.0	0.0	0.0
	29.00000	39.00000	0.00000	-6.0660	-0.50000	0.0	0.0	0.0
	30.00000	39.00000	0.00000	-5.9479	-0.50000	0.0	0.0	0.0
	31.00000	39.00000	0.00000	-5.8041	-0.50000	0.0	0.0	0.0
	32.00000	39.00000	0.00000	-5.6350	-0.50000	0.0	0.0	0.0
	33.00000	39.00000	0.00000	-5.4415	-0.50000	0.0	0.0	0.0
	34.00000	39.00000	0.00000	-5.2252	-0.50000	0.0	0.0	0.0
	35.00000	39.00000	0.00000	-4.9880	-0.50000	0.0	0.0	0.0
	36.00000	39.00000	0.00000	-4.7329	-0.50000	0.0	0.0	0.0
	37.00000	39.00000	0.00000	-4.4637	-0.50000	0.0	0.0	0.0
	38.00000	39.00000	0.00000	-4.1850	-0.50000	0.0	0.0	0.0
	39.00000	39.00000	0.00000	-3.9018	-0.50000	0.0	0.0	0.0
	40.00000	39.00000	0.00000	-3.6190	-0.50000	0.0	0.0	0.0
	41.00000	39.00000	0.00000	-3.3410	-0.50000	0.0	0.0	0.0
	42.00000	39.00000	0.00000	-3.0713	-0.50000	0.0	0.0	0.0
	43.00000	39.00000	0.00000	-2.8127	-0.50000	0.0	0.0	0.0
	44.00000	39.00000	0.00000	-2.5666	-0.50000	0.0	0.0	0.0
	45.00000	39.00000	0.00000	-2.3341	-0.50000	0.0	0.0	0.0
	46.00000	39.00000	0.00000	-2.1155	-0.50000	0.0	0.0	0.0
	47.00000	39.00000	0.00000	-1.9106	-0.50000	0.0	0.0	0.0
	48.00000	39.00000	0.00000	-1.7193	-0.50000	0.0	0.0	0.0
	49.00000	39.00000	0.00000	-1.5409	-0.50000	0.0	0.0	0.0
	50.00000	39.00000	0.00000	-1.3749	-0.50000	0.0	0.0	0.0
	51.00000	39.00000	0.00000	-1.2206	-0.50000	0.0	0.0	0.0
	52.00000	39.00000	0.00000	-1.0773	-0.50000	0.0	0.0	0.0
	53.00000	39.00000	0.00000	-0.94433	-0.50000	0.0	0.0	0.0
	54.00000	39.00000	0.00000	-0.82108	-0.50000	0.0	0.0	0.0
	55.00000	39.00000	0.00000	-0.70691	-0.50000	0.0	0.0	0.0
	56.00000	39.00000	0.00000	-0.60121	-0.50000	0.0	0.0	0.0
	57.00000	39.00000	0.00000	-0.50343	-0.50000	0.0	0.0	0.0
	58.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-15.00000	40.00000	0.00000	-0.59735	-0.50000	0.0	0.0	0.0
	-14.00000	40.00000	0.00000	-0.69640	-0.50000	0.0	0.0	0.0
	-13.00000	40.00000	0.00000	-0.80225	-0.50000	0.0	0.0	0.0
	-12.00000	40.00000	0.00000	-0.91512	-0.50000	0.0	0.0	0.0
	-11.00000	40.00000	0.00000	-1.0352	-0.50000	0.0	0.0	0.0
	-10.00000	40.00000	0.00000	-1.1627	-0.50000	0.0	0.0	0.0
	-9.00000	40.00000	0.00000	-1.2977	-0.50000	0.0	0.0	0.0
	-8.00000	40.00000	0.00000	-1.4401	-0.50000	0.0	0.0	0.0
	-7.00000	40.00000	0.00000	-1.5898	-0.50000	0.0	0.0	0.0
	-6.00000	40.00000	0.00000	-1.7465	-0.50000	0.0	0.0	0.0
	-5.00000	40.00000	0.00000	-1.9097	-0.50000	0.0	0.0	0.0
	-4.00000	40.00000	0.00000	-2.0788	-0.50000	0.0	0.0	0.0
	-3.00000	40.00000	0.00000	-2.2530	-0.50000	0.0	0.0	0.0
	-2.00000	40.00000	0.00000	-2.4310	-0.50000	0.0	0.0	0.0
	-1.00000	40.00000	0.00000	-2.6118	-0.50000	0.0	0.0	0.0
	0.00000	40.00000	0.00000	-2.7940	-0.50000	0.0	0.0	0.0
	1.00000	40.00000	0.00000	-2.9760	-0.50000	0.0	0.0	0.0
	2.00000	40.00000	0.00000	-3.1566	-0.50000	0.0	0.0	0.0
	3.00000	40.00000	0.00000	-3.3342	-0.50000	0.0	0.0	0.0
	4.00000	40.00000	0.00000	-3.5078	-0.50000	0.0	0.0	0.0
	5.00000	40.00000	0.00000	-3.6762	-0.50000	0.0	0.0	0.0
	6.00000	40.00000	0.00000	-3.8387	-0.50000	0.0	0.0	0.0
	7.00000	40.00000	0.00000	-3.9945	-0.50000	0.0	0.0	0.0
	8.00000	40.00000	0.00000	-4.1433	-0.50000	0.0	0.0	0.0
	9.00000	40.00000	0.00000	-4.2849	-0.50000	0.0	0.0	0.0
	10.00000	40.00000	0.00000	-4.4192	-0.50000	0.0	0.0	0.0
	11.00000	40.00000	0.00000	-4.5463	-0.50000	0.0	0.0	0.0
	12.00000	40.00000	0.00000	-4.6663	-0.50000	0.0	0.0	0.0
	13.00000	40.00000	0.00000	-4.7795	-0.50000	0.0	0.0	0.0
	14.00000	40.00000	0.00000	-4.8861	-0.50000	0.0	0.0	0.0
	15.00000	40.00000	0.00000	-4.9864	-0.50000	0.0	0.0	0.0
	16.00000	40.00000	0.00000	-5.0805	-0.50000	0.0	0.0	0.0
	17.00000	40.00000	0.00000	-5.1684	-0.50000	0.0	0.0	0.0
	18.00000	40.00000	0.00000	-5.2499	-0.50000	0.0	0.0	0.0
	19.00000	40.00000	0.00000	-5.3243	-0.50000	0.0	0.0	0.0
	20.00000	40.00000	0.00000	-5.3906	-0.50000	0.0	0.0	0.0
	21.00000	40.00000	0.00000	-5.4473	-0.50000	0.0	0.0	0.0
	22.00000	40.00000	0.00000	-5.4926	-0.50000	0.0	0.0	0.0
	23.00000	40.00000	0.00000	-5.5243	-0.50000	0.0	0.0	0.0
	24.00000	40.00000	0.00000	-5.5404	-0.50000	0.0	0.0	0.0
	25.00000	40.00000	0.00000	-5.5388	-0.50000	0.0	0.0	0.0
	26.00000	40.00000	0.00000	-5.5180	-0.50000	0.0	0.0	0.0
	27.00000	40.00000	0.00000	-5.4768	-0.50000	0.0	0.0	0.0
	28.00000	40.00000	0.00000	-5.4145	-0.50000	0.0	0.0	0.0
	29.00000	40.00000	0.00000	-5.3305	-0.50000	0.0	0.0	0.0
	30.00000	40.00000	0.00000	-5.2248	-0.50000	0.0	0.0	0.0
	31.00000	40.00000	0.00000	-5.0978	-0.50000	0.0	0.0	0.0
	32.00000	40.00000	0.00000	-4.9499	-0.50000	0.0	0.0	0.0
	33.00000	40.00000	0.00000	-4.7820	-0.50000	0.0	0.0	0.0
	34.00000	40.00000	0.00000	-4.5957	-0.50000	0.0	0.0	0.0
	35.00000	40.00000	0.00000	-4.3926	-0.50000	0.0	0.0	0.0
	36.00000	40.00000	0.00000	-4.1753	-0.50000	0.0	0.0	0.0
	37.00000	40.00000	0.00000	-3.9468	-0.50000	0.0	0.0	0.0
	38.00000	40.00000	0.00000	-3.7104	-0.50000	0.0	0.0	0.0
	39.00000	40.00000	0.00000	-3.4698	-0.50000	0.0	0.0	0.0
	40.00000	40.00000	0.00000	-3.2287	-0.50000	0.0	0.0	0.0
	41.00000	40.00000	0.00000	-2.9903	-0.50000	0.0	0.0	0.0
	42.00000	40.00000	0.00000	-2.7575	-0.50000	0.0	0.0	0.0
	43.00000	40.00000	0.00000	-2.5325	-0.50000	0.0	0.0	0.0
	44.00000	40.00000	0.00000	-2.3168	-0.50000	0.0	0.0	0.0
	45.00000	40.00000	0.00000	-2.1114	-0.50000	0.0	0.0	0.0
	46.00000	40.00000	0.00000	-1.9168	-0.50000	0.0	0.0	0.0
	47.00000	40.00000	0.00000	-1.7334	-0.50000	0.0	0.0	0.0
	48.00000	40.00000	0.00000	-1.5610	-0.50000	0.0	0.0	0.0
	49.00000	40.00000	0.00000	-1.3994	-0.50000	0.0	0.0	0.0
	50.00000	40.00000	0.00000	-1.2482	-0.50000	0.0	0.0	0.0
	51.00000	40.00000	0.00000	-1.1071	-0.50000	0.0	0.0	0.0
	52.00000	40.00000	0.00000	-0.97555	-0.50000	0.0	0.0	0.0
	53.00000	40.00000	0.00000	-0.85306	-0.50000	0.0	0.0	0.0
	54.00000	40.00000	0.00000	-0.73913	-0.50000	0.0	0.0	0.0
	55.00000	40.00000	0.00000	-0.63329	-0.50000	0.0	0.0	0.0
	56.00000	40.00000	0.00000	-0.53504	-0.50000	0.0	0.0	0.0
	57.00000	40.00000	0.00000	-0.44392	-0.50000	0.0	0.0	0.0
	58.00000	40.00000	0.00000	-0.35950	-0.50000	0.0	0.0	0.0
	59.00000	40.00000	0.00000	-0.28135	-0.50000	0.0	0.0	0.0
	60.00000	40.00000	0.00000	-0.20907	-0.50000	0.0	0.0	0.0
	-20.00000	41.00000	0.00000	-0.14976	-0.50000	0.0	0.0	0.0
	-19.00000	41.00000	0.00000	-0.21434	-0.50000	0.0	0.0	0.0
	-18.00000	41.00000	0.00000	-0.28375	-0.50000	0.0	0.0	0.0
	-17.00000	41.00000	0.00000	-0.35825	-0.50000	0.0	0.0	0.0
	-16.00000	41.00000	0.00000	-0.43808	-0.50000	0.0	0.0	0.0
	-15.00000	41.00000	0.00000	-0.52347	-0.50000	0.0	0.0	0.0
	-14.00000	41.00000	0.00000	-0.61464	-0.50000	0.0	0.0	0.0
	-13.00000	41.00000	0.00000	-0.71179	-0.50000	0.0	0.0	0.0
	-12.00000	41.00000	0.00000	-0.81510	-0.50000	0.0	0.0	0.0
	-11.00000	41.00000	0.00000	-0.92468	-0.50000	0.0	0.0	0.0
	-10.00000	41.00000	0.00000	-1.0406	-0.50000	0.0	0.0	0.0
	-9.00000	41.00000	0.00000	-1.1629	-0.50000	0.0	0.0	0.0
	-8.00000	41.00000	0.00000	-1.2915	-0.50000	0.0	0.0	0.0
	-7.00000	41.00000	0.00000	-1.4262	-0.50000	0.0	0.0	0.0
	-6.00000	41.00000	0.00000	-1.5667	-0.50000	0.0	0.0	0.0
	-5.00000	41.00000	0.00000	-1.7125	-0.50000	0.0	0.0	0.0
	-4.00000	41.00000	0.00000	-1.8631	-0.50000	0.0	0.0	0.0
	-3.00000	41.00000	0.00000	-2.0177	-0.50000	0.0	0.0	0.0
	-2.00000	41.00000	0.00000	-2.1755	-0.50000	0.0	0.0	0.0
	-1.00000	41.00000	0.00000	-2.3354	-0.50000	0.0	0.0	0.0
	0.00000	41.00000	0.00000	-2.4963	-0.50000	0.0	0.0	0.0
	1.00000	41.00000	0.00000	-2.6571	-0.50000	0.0	0.0	0.0
	2.00000	41.00000	0.00000	-2.8166	-0.50000	0.0	0.0	0.0
	3.00000	41.00000	0.00000	-2.9738	-0.50000	0.0	0.0	0.0
	4.00000	41.00000	0.00000	-3.1276	-0.50000	0.0	0.0	0.0
	5.00000	41.00000	0.00000	-3.2772	-0.50000	0.0	0.0	0.0
	6.00000	41.00000	0.00000	-3.4218	-0.50000	0.0	0.0	0.0
	7.00000	41.00000	0.00000	-3.5609	-0.50000	0.0	0.0	0.0
	8.00000	41.00000	0.00000	-3.6941	-0.50000	0.0	0.0	0.0
	9.00000	41.00000	0.00000	-3.8210	-0.50000	0.0	0.0	0.0
	10.00000	41.00000	0.00000	-3.9415	-0.50000	0.0	0.0	0.0
	11.00000	41.00000	0.00000	-4.0556	-0.50000	0.0	0.0	0.0
	12.00000	41.00000	0.00000	-4.1633	-0.50000	0.0	0.0	0.0
	13.00000	41.00000	0.00000	-4.2647	-0.50000	0.0	0.0	0.0
	14.00000	41.00000	0.00000	-4.3598	-0.50000	0.0	0.0	0.0
	15.00000	41.00000	0.00000	-4.4487	-0.50000	0.0	0.0	0.0
	16.00000	41.00000	0.00000	-4.5314	-0.50000	0.0	0.0	0.0
	17.00000	41.00000	0.00000	-4.6077	-0.50000	0.0	0.0	0.0
	18.00000	41.00000	0.00000	-4.6772	-0.50000	0.0	0.0	0.0
	19.00000	41.00000	0.00000	-4.7394	-0.50000	0.0	0.0	0.0
	20.00000	41.00000	0.00000	-4.7934	-0.50000	0.0	0.0	0.0
	21.00000	41.00000	0.00000	-4.8381	-0.50000	0.0	0.0	0.0
	22.00000	41.00000	0.00000	-4.8721	-0.50000	0.0	0.0	0.0
	23.00000	41.00000	0.00000	-4.8939	-0.50000	0.0	0.0	0.0
	24.00000	41.00000	0.00000	-4.9020	-0.50000	0.0	0.0	0.0
	25.00000	41.00000	0.00000	-4.8950	-0.50000	0.0	0.0	0.0
	26.00000	41.00000	0.00000	-4.8717	-0.50000	0.0	0.0	0.0
	27.00000	41.00000	0.00000	-4.8312	-0.50000	0.0	0.0	0.0
	28.00000	41.00000	0.00000	-4.7728	-0.50000	0.0	0.0	0.0
	29.00000	41.00000	0.00000	-4.6964	-0.50000	0.0	0.0	0.0
	30.00000	41.00000	0.00000	-4.6018	-0.50000	0.0	0.0	0.0
	31.00000	41.00000	0.00000	-4.4894	-0.50000	0.0	0.0	0.0
	32.00000	41.00000	0.00000	-4.3597	-0.50000	0.0	0.0	0.0
	33.00000	41.00000	0.00000	-4.2136	-0.50000	0.0	0.0	0.0
	34.00000	41.00000	0.00000	-4.0522	-0.50000	0.0	0.0	0.0
	35.00000	41.00000	0.00000	-3.8773	-0.50000	0.0	0.0	0.0
	36.00000	41.00000	0.00000	-3.6907	-0.50000	0.0	0.0	0.0
	37.00000	41.00000	0.00000	-3.4950	-0.50000	0.0	0.0	0.0
	38.00000	41.00000	0.00000	-3.2926	-0.50000	0.0	0.0	0.0
	39.00000	41.00000	0.00000	-3.0864	-0.50000	0.0	0.0	0.0
	40.00000	41.00000	0.00000	-2.8791	-0.50000	0.0	0.0	0.0
	41.00000	41.00000	0.00000	-2.6733	-0.50000	0.0	0.0	0.0
	42.00000	41.00000	0.00000	-2.4712	-0.50000	0.0	0.0	0.0
	43.00000	41.00000	0.00000	-2.2746	-0.50000	0.0	0.0	0.0
	44.00000	41.00000	0.00000	-2.0849	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	45.00000	41.00000	0.00000	-1.9032	-0.50000	0.0	0.0	0.0
	46.00000	41.00000	0.00000	-1.7300	-0.50000	0.0	0.0	0.0
	47.00000	41.00000	0.00000	-1.5657	-0.50000	0.0	0.0	0.0
	48.00000	41.00000	0.00000	-1.4104	-0.50000	0.0	0.0	0.0
	49.00000	41.00000	0.00000	-1.2642	-0.50000	0.0	0.0	0.0
	50.00000	41.00000	0.00000	-1.1267	-0.50000	0.0	0.0	0.0
	51.00000	41.00000	0.00000	-0.99790	-0.50000	0.0	0.0	0.0
	52.00000	41.00000	0.00000	-0.87733	-0.50000	0.0	0.0	0.0
	53.00000	41.00000	0.00000	-0.76468	-0.50000	0.0	0.0	0.0
	54.00000	41.00000	0.00000	-0.65958	-0.50000	0.0	0.0	0.0
	55.00000	41.00000	0.00000	-0.56166	-0.50000	0.0	0.0	0.0
	56.00000	41.00000	0.00000	-0.47052	-0.50000	0.0	0.0	0.0
	57.00000	41.00000	0.00000	-0.38581	-0.50000	0.0	0.0	0.0
	58.00000	41.00000	0.00000	-0.30715	-0.50000	0.0	0.0	0.0
	59.00000	41.00000	0.00000	-0.23419	-0.50000	0.0	0.0	0.0
	60.00000	41.00000	0.00000	-0.16659	-0.50000	0.0	0.0	0.0
	-20.00000	42.00000	0.00000	-0.10678	-0.50000	0.0	0.0	0.0
	-19.00000	42.00000	0.00000	-0.16678	-0.50000	0.0	0.0	0.0
	-18.00000	42.00000	0.00000	-0.23115	-0.50000	0.0	0.0	0.0
	-17.00000	42.00000	0.00000	-0.30011	-0.50000	0.0	0.0	0.0
	-16.00000	42.00000	0.00000	-0.37385	-0.50000	0.0	0.0	0.0
	-15.00000	42.00000	0.00000	-0.45254	-0.50000	0.0	0.0	0.0
	-14.00000	42.00000	0.00000	-0.53636	-0.50000	0.0	0.0	0.0
	-13.00000	42.00000	0.00000	-0.62545	-0.50000	0.0	0.0	0.0
	-12.00000	42.00000	0.00000	-0.71992	-0.50000	0.0	0.0	0.0
	-11.00000	42.00000	0.00000	-0.81986	-0.50000	0.0	0.0	0.0
	-10.00000	42.00000	0.00000	-0.92527	-0.50000	0.0	0.0	0.0
	-9.00000	42.00000	0.00000	-1.0361	-0.50000	0.0	0.0	0.0
	-8.00000	42.00000	0.00000	-1.1523	-0.50000	0.0	0.0	0.0
	-7.00000	42.00000	0.00000	-1.2736	-0.50000	0.0	0.0	0.0
	-6.00000	42.00000	0.00000	-1.3997	-0.50000	0.0	0.0	0.0
	-5.00000	42.00000	0.00000	-1.5303	-0.50000	0.0	0.0	0.0
	-4.00000	42.00000	0.00000	-1.6647	-0.50000	0.0	0.0	0.0
	-3.00000	42.00000	0.00000	-1.8024	-0.50000	0.0	0.0	0.0
	-2.00000	42.00000	0.00000	-1.9426	-0.50000	0.0	0.0	0.0
	-1.00000	42.00000	0.00000	-2.0845	-0.50000	0.0	0.0	0.0
	0.00000	42.00000	0.00000	-2.2272	-0.50000	0.0	0.0	0.0
	1.00000	42.00000	0.00000	-2.3698	-0.50000	0.0	0.0	0.0
	2.00000	42.00000	0.00000	-2.5113	-0.50000	0.0	0.0	0.0
	3.00000	42.00000	0.00000	-2.6508	-0.50000	0.0	0.0	0.0
	4.00000	42.00000	0.00000	-2.7875	-0.50000	0.0	0.0	0.0
	5.00000	42.00000	0.00000	-2.9206	-0.50000	0.0	0.0	0.0
	6.00000	42.00000	0.00000	-3.0496	-0.50000	0.0	0.0	0.0
	7.00000	42.00000	0.00000	-3.1739	-0.50000	0.0	0.0	0.0
	8.00000	42.00000	0.00000	-3.2930	-0.50000	0.0	0.0	0.0
	9.00000	42.00000	0.00000	-3.4068	-0.50000	0.0	0.0	0.0
	10.00000	42.00000	0.00000	-3.5149	-0.50000	0.0	0.0	0.0
	11.00000	42.00000	0.00000	-3.6173	-0.50000	0.0	0.0	0.0
	12.00000	42.00000	0.00000	-3.7138	-0.50000	0.0	0.0	0.0
	13.00000	42.00000	0.00000	-3.8045	-0.50000	0.0	0.0	0.0
	14.00000	42.00000	0.00000	-3.8893	-0.50000	0.0	0.0	0.0
	15.00000	42.00000	0.00000	-3.9681	-0.50000	0.0	0.0	0.0
	16.00000	42.00000	0.00000	-4.0408	-0.50000	0.0	0.0	0.0
	17.00000	42.00000	0.00000	-4.1072	-0.50000	0.0	0.0	0.0
	18.00000	42.00000	0.00000	-4.1668	-0.50000	0.0	0.0	0.0
	19.00000	42.00000	0.00000	-4.2192	-0.50000	0.0	0.0	0.0
	20.00000	42.00000	0.00000	-4.2636	-0.50000	0.0	0.0	0.0
	21.00000	42.00000	0.00000	-4.2992	-0.50000	0.0	0.0	0.0
	22.00000	42.00000	0.00000	-4.3249	-0.50000	0.0	0.0	0.0
	23.00000	42.00000	0.00000	-4.3396	-0.50000	0.0	0.0	0.0
	24.00000	42.00000	0.00000	-4.3423	-0.50000	0.0	0.0	0.0
	25.00000	42.00000	0.00000	-4.3318	-0.50000	0.0	0.0	0.0
	26.00000	42.00000	0.00000	-4.3074	-0.50000	0.0	0.0	0.0
	27.00000	42.00000	0.00000	-4.2684	-0.50000	0.0	0.0	0.0
	28.00000	42.00000	0.00000	-4.2143	-0.50000	0.0	0.0	0.0
	29.00000	42.00000	0.00000	-4.1449	-0.50000	0.0	0.0	0.0
	30.00000	42.00000	0.00000	-4.0603	-0.50000	0.0	0.0	0.0
	31.00000	42.00000	0.00000	-3.9607	-0.50000	0.0	0.0	0.0
	32.00000	42.00000	0.00000	-3.8466	-0.50000	0.0	0.0	0.0
	33.00000	42.00000	0.00000	-3.7189	-0.50000	0.0	0.0	0.0
	34.00000	42.00000	0.00000	-3.5785	-0.50000	0.0	0.0	0.0
	35.00000	42.00000	0.00000	-3.4269	-0.50000	0.0	0.0	0.0
	36.00000	42.00000	0.00000	-3.2658	-0.50000	0.0	0.0	0.0
	37.00000	42.00000	0.00000	-3.0969	-0.50000	0.0	0.0	0.0
	38.00000	42.00000	0.00000	-2.9223	-0.50000	0.0	0.0	0.0
	39.00000	42.00000	0.00000	-2.7443	-0.50000	0.0	0.0	0.0
	40.00000	42.00000	0.00000	-2.5649	-0.50000	0.0	0.0	0.0
	41.00000	42.00000	0.00000	-2.3861	-0.50000	0.0	0.0	0.0
	42.00000	42.00000	0.00000	-2.2098	-0.50000	0.0	0.0	0.0
	43.00000	42.00000	0.00000	-2.0374	-0.50000	0.0	0.0	0.0
	44.00000	42.00000	0.00000	-1.8702	-0.50000	0.0	0.0	0.0
	45.00000	42.00000	0.00000	-1.7091	-0.50000	0.0	0.0	0.0
	46.00000	42.00000	0.00000	-1.5547	-0.50000	0.0	0.0	0.0
	47.00000	42.00000	0.00000	-1.4075	-0.50000	0.0	0.0	0.0
	48.00000	42.00000	0.00000	-1.2678	-0.50000	0.0	0.0	0.0
	49.00000	42.00000	0.00000	-1.1355	-0.50000	0.0	0.0	0.0
	50.00000	42.00000	0.00000	-1.0107	-0.50000	0.0	0.0	0.0
	51.00000	42.00000	0.00000	-0.89322	-0.50000	0.0	0.0	0.0
	52.00000	42.00000	0.00000	-0.78289	-0.50000	0.0	0.0	0.0
	53.00000	42.00000	0.00000	-0.67946	-0.50000	0.0	0.0	0.0
	54.00000	42.00000	0.00000	-0.58268	-0.50000	0.0	0.0	0.0
	55.00000	42.00000	0.00000	-0.49225	-0.50000	0.0	0.0	0.0
	56.00000	42.00000	0.00000	-0.40789	-0.50000	0.0	0.0	0.0
	57.00000	42.00000	0.00000	-0.32928	-0.50000	0.0	0.0	0.0
	58.00000	42.00000	0.00000	-0.25614	-0.50000	0.0	0.0	0.0
	59.00000	42.00000	0.00000	-0.18817	-0.50000	0.0	0.0	0.0
	60.00000	42.00000	0.00000	-0.12508	-0.50000	0.0	0.0	0.0
	-20.00000	43.00000	0.00000	-0.065221	-0.50000	0.0	0.0	0.0
	-19.00000	43.00000	0.00000	-0.12087	-0.50000	0.0	0.0	0.0
	-18.00000	43.00000	0.00000	-0.18048	-0.50000	0.0	0.0	0.0
	-17.00000	43.00000	0.00000	-0.24421	-0.50000	0.0	0.0	0.0
	-16.00000	43.00000	0.00000	-0.31223	-0.50000	0.0	0.0	0.0
	-15.00000	43.00000	0.00000	-0.38466	-0.50000	0.0	0.0	0.0
	-14.00000	43.00000	0.00000	-0.46164	-0.50000	0.0	0.0	0.0
	-13.00000	43.00000	0.00000	-0.54327	-0.50000	0.0	0.0	0.0
	-12.00000	43.00000	0.00000	-0.62961	-0.50000	0.0	0.0	0.0
	-11.00000	43.00000	0.00000	-0.72070	-0.50000	0.0	0.0	0.0
	-10.00000	43.00000	0.00000	-0.81653	-0.50000	0.0	0.0	0.0
	-9.00000	43.00000	0.00000	-0.91702	-0.50000	0.0	0.0	0.0
	-8.00000	43.00000	0.00000	-1.0220	-0.50000	0.0	0.0	0.0
	-7.00000	43.00000	0.00000	-1.1314	-0.50000	0.0	0.0	0.0
	-6.00000	43.00000	0.00000	-1.2448	-0.50000	0.0	0.0	0.0
	-5.00000	43.00000	0.00000	-1.3619	-0.50000	0.0	0.0	0.0
	-4.00000	43.00000	0.00000	-1.4822	-0.50000	0.0	0.0	0.0
	-3.00000	43.00000	0.00000	-1.6051	-0.50000	0.0	0.0	0.0
	-2.00000	43.00000	0.00000	-1.7301	-0.50000	0.0	0.0	0.0
	-1.00000	43.00000	0.00000	-1.8564	-0.50000	0.0	0.0	0.0
	0.00000	43.00000	0.00000	-1.9833	-0.50000	0.0	0.0	0.0
	1.00000	43.00000	0.00000	-2.1101	-0.50000	0.0	0.0	0.0
	2.00000	43.00000	0.00000	-2.2359	-0.50000	0.0	0.0	0.0
	3.00000	43.00000	0.00000	-2.3600	-0.50000	0.0	0.0	0.0
	4.00000	43.00000	0.00000	-2.4818	-0.50000	0.0	0.0	0.0
	5.00000	43.00000	0.00000	-2.6005	-0.50000	0.0	0.0	0.0
	6.00000	43.00000	0.00000	-2.7157	-0.50000	0.0	0.0	0.0
	7.00000	43.00000	0.00000	-2.8269	-0.50000	0.0	0.0	0.0
	8.00000	43.00000	0.00000	-2.9336	-0.50000	0.0	0.0	0.0
	9.00000	43.00000	0.00000	-3.0355	-0.50000	0.0	0.0	0.0
	10.00000	43.00000	0.00000	-3.1325	-0.50000	0.0	0.0	0.0
	11.00000	43.00000	0.00000	-3.2243	-0.50000	0.0	0.0	0.0
	12.00000	43.00000	0.00000	-3.3108	-0.50000	0.0	0.0	0.0
	13.00000	43.00000	0.00000	-3.3919	-0.50000	0.0	0.0	0.0
	14.00000	43.00000	0.00000	-3.4674	-0.50000	0.0	0.0	0.0
	15.00000	43.00000	0.00000	-3.5373	-0.50000	0.0	0.0	0.0
	16.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	24.00000	43.00000	0.00000	-3.8484	-0.50000	0.0	0.0	0.0
	25.00000	43.00000	0.00000	-3.8360	-0.50000	0.0	0.0	0.0
	26.00000	43.00000	0.00000	-3.8115	-0.50000	0.0	0.0	0.0
	27.00000	43.00000	0.00000	-3.7745	-0.50000	0.0	0.0	0.0
	28.00000	43.00000	0.00000	-3.7247	-0.50000	0.0	0.0	0.0
	29.00000	43.00000	0.00000	-3.6618	-0.50000	0.0	0.0	0.0
	30.00000	43.00000	0.00000	-3.5860	-0.50000	0.0	0.0	0.0
	31.00000	43.00000	0.00000	-3.4976	-0.50000	0.0	0.0	0.0
	32.00000	43.00000	0.00000	-3.3970	-0.50000	0.0	0.0	0.0
	33.00000	43.00000	0.00000	-3.2850	-0.50000	0.0	0.0	0.0
	34.00000	43.00000	0.00000	-3.1624	-0.50000	0.0	0.0	0.0
	35.00000	43.00000	0.00000	-3.0304	-0.50000	0.0	0.0	0.0
	36.00000	43.00000	0.00000	-2.8904	-0.50000	0.0	0.0	0.0
	37.00000	43.00000	0.00000	-2.7438	-0.50000	0.0	0.0	0.0
	38.00000	43.00000	0.00000	-2.5924	-0.50000	0.0	0.0	0.0
	39.00000	43.00000	0.00000	-2.4377	-0.50000	0.0	0.0	0.0
	40.00000	43.00000	0.00000	-2.2815	-0.50000	0.0	0.0	0.0
	41.00000	43.00000	0.00000	-2.1255	-0.50000	0.0	0.0	0.0
	42.00000	43.00000	0.00000	-1.9710	-0.50000	0.0	0.0	0.0
	43.00000	43.00000	0.00000	-1.8193	-0.50000	0.0	0.0	0.0
	44.00000	43.00000	0.00000	-1.6715	-0.50000	0.0	0.0	0.0
	45.00000	43.00000	0.00000	-1.5285	-0.50000	0.0	0.0	0.0
	46.00000	43.00000	0.00000	-1.3908	-0.50000	0.0	0.0	0.0
	47.00000	43.00000	0.00000	-1.2589	-0.50000	0.0	0.0	0.0
	48.00000	43.00000	0.00000	-1.1330	-0.50000	0.0	0.0	0.0
	49.00000	43.00000	0.00000	-1.0135	-0.50000	0.0	0.0	0.0
	50.00000	43.00000	0.00000	-0.90024	-0.50000	0.0	0.0	0.0
	51.00000	43.00000	0.00000	-0.79325	-0.50000	0.0	0.0	0.0
	52.00000	43.00000	0.00000	-0.69242	-0.50000	0.0	0.0	0.0
	53.00000	43.00000	0.00000	-0.59761	-0.50000	0.0	0.0	0.0
	54.00000	43.00000	0.00000	-0.50863	-0.50000	0.0	0.0	0.0
	55.00000	43.00000	0.00000	-0.42527	-0.50000	0.0	0.0	0.0
	56.00000	43.00000	0.00000	-0.34731	-0.50000	0.0	0.0	0.0
	57.00000	43.00000	0.00000	-0.27451	-0.50000	0.0	0.0	0.0
	58.00000	43.00000	0.00000	-0.20663	-0.50000	0.0	0.0	0.0
	59.00000	43.00000	0.00000	-0.14343	-0.50000	0.0	0.0	0.0
	60.00000	43.00000	0.00000	-0.084675	-0.50000	0.0	0.0	0.0
	-20.00000	44.00000	0.00000	-0.025176	-0.50000	0.0	0.0	0.0
	-19.00000	44.00000	0.00000	-0.076705	-0.50000	0.0	0.0	0.0
	-18.00000	44.00000	0.00000	-0.13182	-0.50000	0.0	0.0	0.0
	-17.00000	44.00000	0.00000	-0.19064	-0.50000	0.0	0.0	0.0
	-16.00000	44.00000	0.00000	-0.25329	-0.50000	0.0	0.0	0.0
	-15.00000	44.00000	0.00000	-0.31989	-0.50000	0.0	0.0	0.0
	-14.00000	44.00000	0.00000	-0.39052	-0.50000	0.0	0.0	0.0
	-13.00000	44.00000	0.00000	-0.46525	-0.50000	0.0	0.0	0.0
	-12.00000	44.00000	0.00000	-0.54411	-0.50000	0.0	0.0	0.0
	-11.00000	44.00000	0.00000	-0.62711	-0.50000	0.0	0.0	0.0
	-10.00000	44.00000	0.00000	-0.71422	-0.50000	0.0	0.0	0.0
	-9.00000	44.00000	0.00000	-0.80534	-0.50000	0.0	0.0	0.0
	-8.00000	44.00000	0.00000	-0.90033	-0.50000	0.0	0.0	0.0
	-7.00000	44.00000	0.00000	-0.99900	-0.50000	0.0	0.0	0.0
	-6.00000	44.00000	0.00000	-1.1011	-0.50000	0.0	0.0	0.0
	-5.00000	44.00000	0.00000	-1.2062	-0.50000	0.0	0.0	0.0
	-4.00000	44.00000	0.00000	-1.3140	-0.50000	0.0	0.0	0.0
	-3.00000	44.00000	0.00000	-1.4240	-0.50000	0.0	0.0	0.0
	-2.00000	44.00000	0.00000	-1.5357	-0.50000	0.0	0.0	0.0
	-1.00000	44.00000	0.00000	-1.6484	-0.50000	0.0	0.0	0.0
	0.00000	44.00000	0.00000	-1.7616	-0.50000	0.0	0.0	0.0
	1.00000	44.00000	0.00000	-1.8746	-0.50000	0.0	0.0	0.0
	2.00000	44.00000	0.00000	-1.9868	-0.50000	0.0	0.0	0.0
	3.00000	44.00000	0.00000	-2.0975	-0.50000	0.0	0.0	0.0
	4.00000	44.00000	0.00000	-2.2061	-0.50000	0.0	0.0	0.0
	5.00000	44.00000	0.00000	-2.3122	-0.50000	0.0	0.0	0.0
	6.00000	44.00000	0.00000	-2.4152	-0.50000	0.0	0.0	0.0
	7.00000	44.00000	0.00000	-2.5147	-0.50000	0.0	0.0	0.0
	8.00000	44.00000	0.00000	-2.6103	-0.50000	0.0	0.0	0.0
	9.00000	44.00000	0.00000	-2.7017	-0.50000	0.0	0.0	0.0
	10.00000	44.00000	0.00000	-2.7886	-0.50000	0.0	0.0	0.0
	11.00000	44.00000	0.00000	-2.8709	-0.50000	0.0	0.0	0.0
	12.00000	44.00000	0.00000	-2.9484	-0.50000	0.0	0.0	0.0
	13.00000	44.00000	0.00000	-3.0209	-0.50000	0.0	0.0	0.0
	14.00000	44.00000	0.00000	-3.0882	-0.50000	0.0	0.0	0.0
	15.00000	44.00000	0.00000	-3.1501	-0.50000	0.0	0.0	0.0
	16.00000	44.00000	0.00000	-3.2065	-0.50000	0.0	0.0	0.0
	17.00000	44.00000	0.00000	-3.2571	-0.50000	0.0	0.0	0.0
	18.00000	44.00000	0.00000	-3.3014	-0.50000	0.0	0.0	0.0
	19.00000	44.00000	0.00000	-3.3392	-0.50000	0.0	0.0	0.0
	20.00000	44.00000	0.00000	-3.3700	-0.50000	0.0	0.0	0.0
	21.00000	44.00000	0.00000	-3.3931	-0.50000	0.0	0.0	0.0
	22.00000	44.00000	0.00000	-3.4079	-0.50000	0.0	0.0	0.0
	23.00000	44.00000	0.00000	-3.4140	-0.50000	0.0	0.0	0.0
	24.00000	44.00000	0.00000	-3.4105	-0.50000	0.0	0.0	0.0
	25.00000	44.00000	0.00000	-3.3971	-0.50000	0.0	0.0	0.0
	26.00000	44.00000	0.00000	-3.3732	-0.50000	0.0	0.0	0.0
	27.00000	44.00000	0.00000	-3.3385	-0.50000	0.0	0.0	0.0
	28.00000	44.00000	0.00000	-3.2928	-0.50000	0.0	0.0	0.0
	29.00000	44.00000	0.00000	-3.2359	-0.50000	0.0	0.0	0.0
	30.00000	44.00000	0.00000	-3.1681	-0.50000	0.0	0.0	0.0
	31.00000	44.00000	0.00000	-3.0895	-0.50000	0.0	0.0	0.0
	32.00000	44.00000	0.00000	-3.0006	-0.50000	0.0	0.0	0.0
	33.00000	44.00000	0.00000	-2.9020	-0.50000	0.0	0.0	0.0
	34.00000	44.00000	0.00000	-2.7946	-0.50000	0.0	0.0	0.0
	35.00000	44.00000	0.00000	-2.6791	-0.50000	0.0	0.0	0.0
	36.00000	44.00000	0.00000	-2.5569	-0.50000	0.0	0.0	0.0
	37.00000	44.00000	0.00000	-2.4291	-0.50000	0.0	0.0	0.0
	38.00000	44.00000	0.00000	-2.2970	-0.50000	0.0	0.0	0.0
	39.00000	44.00000	0.00000	-2.1619	-0.50000	0.0	0.0	0.0
	40.00000	44.00000	0.00000	-2.0254	-0.50000	0.0	0.0	0.0
	41.00000	44.00000	0.00000	-1.8886	-0.50000	0.0	0.0	0.0
	42.00000	44.00000	0.00000	-1.7527	-0.50000	0.0	0.0	0.0
	43.00000	44.00000	0.00000	-1.6189	-0.50000	0.0	0.0	0.0
	44.00000	44.00000	0.00000	-1.4879	-0.50000	0.0	0.0	0.0
	45.00000	44.00000	0.00000	-1.3607	-0.50000	0.0	0.0	0.0
	46.00000	44.00000	0.00000	-1.2377	-0.50000	0.0	0.0	0.0
	47.00000	44.00000	0.00000	-1.1194	-0.50000	0.0	0.0	0.0
	48.00000	44.00000	0.00000	-1.0062	-0.50000	0.0	0.0	0.0
	49.00000	44.00000	0.00000	-0.89815	-0.50000	0.0	0.0	0.0
	50.00000	44.00000	0.00000	-0.79545	-0.50000	0.0	0.0	0.0
	51.00000	44.00000	0.00000	-0.69809	-0.50000	0.0	0.0	0.0
	52.00000	44.00000	0.00000	-0.60605	-0.50000	0.0	0.0	0.0
	53.00000	44.00000	0.00000	-0.51925	-0.50000	0.0	0.0	0.0
	54.00000	44.00000	0.00000	-0.43757	-0.50000	0.0	0.0	0.0
	55.00000	44.00000	0.00000	-0.36085	-0.50000	0.0	0.0	0.0
	56.00000	44.00000	0.00000	-0.28893	-0.50000	0.0	0.0	0.0
	57.00000	44.00000	0.00000	-0.22162	-0.50000	0.0	0.0	0.0
	58.00000	44.00000	0.00000	-0.15875	-0.50000	0.0	0.0	0.0
	59.00000	44.00000	0.00000	-0.10010	-0.50000	0.0	0.0	0.0
	60.00000	44.00000	0.00000	-0.045483	-0.50000	0.0	0.0	0.0
	-20.00000	45.00000	0.00000	0.013290	-0.50000	0.0	0.0	0.0
	-19.00000	45.00000	0.00000	-0.034351	-0.50000	0.0	0.0	0.0
	-18.00000	45.00000	0.00000	-0.085226	-0.50000	0.0	0.0	0.0
	-17.00000	45.00000	0.00000	-0.13944	-0.50000	0.0	0.0	0.0
	-16.00000	45.00000	0.00000	-0.19709	-0.50000	0.0	0.0	0.0
	-15.00000	45.00000	0.00000	-0.25825	-0.50000	0.0	0.0	0.0
	-14.00000	45.00000	0.00000	-0.32300	-0.50000	0.0	0.0	0.0
	-13.00000	45.00000	0.00000	-0.39136	-0.50000	0.0	0.0	0.0
	-12.00000	45.00000	0.00000	-0.46335	-0.50000	0.0	0.0	0.0
	-11.00000	45.00000	0.00000	-0.53896	-0.50000	0.0	0.0	0.0
	-10.00000	45.00000	0.00000	-0.61813	-0.50000	0.0	0.0	0.0
	-9.00000	45.00000	0.00000	-0.70076	-0.50000	0.0	0.0	0.0
	-8.00000	45.00000	0.00000	-0.78672	-0.50000	0.0	0.0	0.0
	-7.00000	45.00000	0.00000	-0.87581	-0.50000	0.0	0.0	0.0
	-6.00000	45.00000	0.00000	-0.96778	-0.50000	0.0	0.0	0.0
	-5.00000	45.00000	0.00000	-1.0623	-0.50000	0.0	0.0	0.0
	-4.00000	45.00000	0.00000	-1.1591	-0.50000	0.0	0.0	0.0
	-3.00000	45.00000	0.00000	-1.2577	-0.50000	0.0	0.0	0.0
	-2.00000	45.00000	0.00000	-1.3577	-0.50000	0.0	0.0	0.0
	-1.00000	45.00000	0.00000	-1.4585	-0.50000	0.0	0.0	0.0
	0.00000	45.00000	0.00000	-1.5596	-0.50000	0.0	0.0	0.0
	1.00000	45.00000	0.00000	-1.6606	-0.50000	0.0	0.0	0.0
	2.00000	45.00000	0.00000	-1.7607	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	3.00000	45.00000	0.00000	-1.8597	-0.50000	0.0	0.0	0.0
	4.00000	45.00000	0.00000	-1.9568	-0.50000	0.0	0.0	0.0
	5.00000	45.00000	0.00000	-2.0517	-0.50000	0.0	0.0	0.0
	6.00000	45.00000	0.00000	-2.1439	-0.50000	0.0	0.0	0.0
	7.00000	45.00000	0.00000	-2.2330	-0.50000	0.0	0.0	0.0
	8.00000	45.00000	0.00000	-2.3186	-0.50000	0.0	0.0	0.0
	9.00000	45.00000	0.00000	-2.4006	-0.50000	0.0	0.0	0.0
	10.00000	45.00000	0.00000	-2.4786	-0.50000	0.0	0.0	0.0
	11.00000	45.00000	0.00000	-2.5523	-0.50000	0.0	0.0	0.0
	12.00000	45.00000	0.00000	-2.6217	-0.50000	0.0	0.0	0.0
	13.00000	45.00000	0.00000	-2.6864	-0.50000	0.0	0.0	0.0
	14.00000	45.00000	0.00000	-2.7464	-0.50000	0.0	0.0	0.0
	15.00000	45.00000	0.00000	-2.8014	-0.50000	0.0	0.0	0.0
	16.00000	45.00000	0.00000	-2.8511	-0.50000	0.0	0.0	0.0
	17.00000	45.00000	0.00000	-2.8954	-0.50000	0.0	0.0	0.0
	18.00000	45.00000	0.00000	-2.9339	-0.50000	0.0	0.0	0.0
	19.00000	45.00000	0.00000	-2.9663	-0.50000	0.0	0.0	0.0
	20.00000	45.00000	0.00000	-2.9921	-0.50000	0.0	0.0	0.0
	21.00000	45.00000	0.00000	-3.0109	-0.50000	0.0	0.0	0.0
	22.00000	45.00000	0.00000	-3.0222	-0.50000	0.0	0.0	0.0
	23.00000	45.00000	0.00000	-3.0256	-0.50000	0.0	0.0	0.0
	24.00000	45.00000	0.00000	-3.0207	-0.50000	0.0	0.0	0.0
	25.00000	45.00000	0.00000	-3.0069	-0.50000	0.0	0.0	0.0
	26.00000	45.00000	0.00000	-2.9840	-0.50000	0.0	0.0	0.0
	27.00000	45.00000	0.00000	-2.9517	-0.50000	0.0	0.0	0.0
	28.00000	45.00000	0.00000	-2.9099	-0.50000	0.0	0.0	0.0
	29.00000	45.00000	0.00000	-2.8586	-0.50000	0.0	0.0	0.0
	30.00000	45.00000	0.00000	-2.7978	-0.50000	0.0	0.0	0.0
	31.00000	45.00000	0.00000	-2.7278	-0.50000	0.0	0.0	0.0
	32.00000	45.00000	0.00000	-2.6491	-0.50000	0.0	0.0	0.0
	33.00000	45.00000	0.00000	-2.5622	-0.50000	0.0	0.0	0.0
	34.00000	45.00000	0.00000	-2.4676	-0.50000	0.0	0.0	0.0
	35.00000	45.00000	0.00000	-2.3663	-0.50000	0.0	0.0	0.0
	36.00000	45.00000	0.00000	-2.2592	-0.50000	0.0	0.0	0.0
	37.00000	45.00000	0.00000	-2.1472	-0.50000	0.0	0.0	0.0
	38.00000	45.00000	0.00000	-2.0315	-0.50000	0.0	0.0	0.0
	39.00000	45.00000	0.00000	-1.9131	-0.50000	0.0	0.0	0.0
	40.00000	45.00000	0.00000	-1.7932	-0.50000	0.0	0.0	0.0
	41.00000	45.00000	0.00000	-1.6729	-0.50000	0.0	0.0	0.0
	42.00000	45.00000	0.00000	-1.5530	-0.50000	0.0	0.0	0.0
	43.00000	45.00000	0.00000	-1.4346	-0.50000	0.0	0.0	0.0
	44.00000	45.00000	0.00000	-1.3184	-0.50000	0.0	0.0	0.0
	45.00000	45.00000	0.00000	-1.2050	-0.50000	0.0	0.0	0.0
	46.00000	45.00000	0.00000	-1.0951	-0.50000	0.0	0.0	0.0
	47.00000	45.00000	0.00000	-0.98898	-0.50000	0.0	0.0	0.0
	48.00000	45.00000	0.00000	-0.88701	-0.50000	0.0	0.0	0.0
	49.00000	45.00000	0.00000	-0.78941	-0.50000	0.0	0.0	0.0
	50.00000	45.00000	0.00000	-0.69631	-0.50000	0.0	0.0	0.0
	51.00000	45.00000	0.00000	-0.60779	-0.50000	0.0	0.0	0.0
	52.00000	45.00000	0.00000	-0.52387	-0.50000	0.0	0.0	0.0
	53.00000	45.00000	0.00000	-0.44449	-0.50000	0.0	0.0	0.0
	54.00000	45.00000	0.00000	-0.36960	-0.50000	0.0	0.0	0.0
	55.00000	45.00000	0.00000	-0.29910	-0.50000	0.0	0.0	0.0
	56.00000	45.00000	0.00000	-0.23286	-0.50000	0.0	0.0	0.0
	57.00000	45.00000	0.00000	-0.17074	-0.50000	0.0	0.0	0.0
	58.00000	45.00000	0.00000	-0.11260	-0.50000	0.0	0.0	0.0
	59.00000	45.00000	0.00000	-0.058272	-0.50000	0.0	0.0	0.0
	60.00000	45.00000	0.00000	-0.0076026	-0.50000	0.0	0.0	0.0
	-20.00000	46.00000	0.00000	0.050127	-0.50000	0.0	0.0	0.0
	-19.00000	46.00000	0.00000	0.0061499	-0.50000	0.0	0.0	0.0
	-18.00000	46.00000	0.00000	-0.040748	-0.50000	0.0	0.0	0.0
	-17.00000	46.00000	0.00000	-0.090650	-0.50000	0.0	0.0	0.0
	-16.00000	46.00000	0.00000	-0.14363	-0.50000	0.0	0.0	0.0
	-15.00000	46.00000	0.00000	-0.19974	-0.50000	0.0	0.0	0.0
	-14.00000	46.00000	0.00000	-0.25904	-0.50000	0.0	0.0	0.0
	-13.00000	46.00000	0.00000	-0.32153	-0.50000	0.0	0.0	0.0
	-12.00000	46.00000	0.00000	-0.38721	-0.50000	0.0	0.0	0.0
	-11.00000	46.00000	0.00000	-0.45606	-0.50000	0.0	0.0	0.0
	-10.00000	46.00000	0.00000	-0.52801	-0.50000	0.0	0.0	0.0
	-9.00000	46.00000	0.00000	-0.60296	-0.50000	0.0	0.0	0.0
	-8.00000	46.00000	0.00000	-0.68077	-0.50000	0.0	0.0	0.0
	-7.00000	46.00000	0.00000	-0.76125	-0.50000	0.0	0.0	0.0
	-6.00000	46.00000	0.00000	-0.84420	-0.50000	0.0	0.0	0.0
	-5.00000	46.00000	0.00000	-0.92932	-0.50000	0.0	0.0	0.0
	-4.00000	46.00000	0.00000	-1.0163	-0.50000	0.0	0.0	0.0
	-3.00000	46.00000	0.00000	-1.1048	-0.50000	0.0	0.0	0.0
	-2.00000	46.00000	0.00000	-1.1944	-0.50000	0.0	0.0	0.0
	-1.00000	46.00000	0.00000	-1.2847	-0.50000	0.0	0.0	0.0
	0.00000	46.00000	0.00000	-1.3753	-0.50000	0.0	0.0	0.0
	1.00000	46.00000	0.00000	-1.4656	-0.50000	0.0	0.0	0.0
	2.00000	46.00000	0.00000	-1.5552	-0.50000	0.0	0.0	0.0
	3.00000	46.00000	0.00000	-1.6438	-0.50000	0.0	0.0	0.0
	4.00000	46.00000	0.00000	-1.7307	-0.50000	0.0	0.0	0.0
	5.00000	46.00000	0.00000	-1.8157	-0.50000	0.0	0.0	0.0
	6.00000	46.00000	0.00000	-1.8982	-0.50000	0.0	0.0	0.0
	7.00000	46.00000	0.00000	-1.9781	-0.50000	0.0	0.0	0.0
	8.00000	46.00000	0.00000	-2.0549	-0.50000	0.0	0.0	0.0
	9.00000	46.00000	0.00000	-2.1284	-0.50000	0.0	0.0	0.0
	10.00000	46.00000	0.00000	-2.1983	-0.50000	0.0	0.0	0.0
	11.00000	46.00000	0.00000	-2.2644	-0.50000	0.0	0.0	0.0
	12.00000	46.00000	0.00000	-2.3265	-0.50000	0.0	0.0	0.0
	13.00000	46.00000	0.00000	-2.3844	-0.50000	0.0	0.0	0.0
	14.00000	46.00000	0.00000	-2.4378	-0.50000	0.0	0.0	0.0
	15.00000	46.00000	0.00000	-2.4867	-0.50000	0.0	0.0	0.0
	16.00000	46.00000	0.00000	-2.5306	-0.50000	0.0	0.0	0.0
	17.00000	46.00000	0.00000	-2.5695	-0.50000	0.0	0.0	0.0
	18.00000	46.00000	0.00000	-2.6030	-0.50000	0.0	0.0	0.0
	19.00000	46.00000	0.00000	-2.6308	-0.50000	0.0	0.0	0.0
	20.00000	46.00000	0.00000	-2.6526	-0.50000	0.0	0.0	0.0
	21.00000	46.00000	0.00000	-2.6680	-0.50000	0.0	0.0	0.0
	22.00000	46.00000	0.00000	-2.6767	-0.50000	0.0	0.0	0.0
	23.00000	46.00000	0.00000	-2.6782	-0.50000	0.0	0.0	0.0
	24.00000	46.00000	0.00000	-2.6723	-0.50000	0.0	0.0	0.0
	25.00000	46.00000	0.00000	-2.6586	-0.50000	0.0	0.0	0.0
	26.00000	46.00000	0.00000	-2.6370	-0.50000	0.0	0.0	0.0
	27.00000	46.00000	0.00000	-2.6071	-0.50000	0.0	0.0	0.0
	28.00000	46.00000	0.00000	-2.5690	-0.50000	0.0	0.0	0.0
	29.00000	46.00000	0.00000	-2.5227	-0.50000	0.0	0.0	0.0
	30.00000	46.00000	0.00000	-2.4683	-0.50000	0.0	0.0	0.0
	31.00000	46.00000	0.00000	-2.4059	-0.50000	0.0	0.0	0.0
	32.00000	46.00000	0.00000	-2.3361	-0.50000	0.0	0.0	0.0
	33.00000	46.00000	0.00000	-2.2592	-0.50000	0.0	0.0	0.0
	34.00000	46.00000	0.00000	-2.1758	-0.50000	0.0	0.0	0.0
	35.00000	46.00000	0.00000	-2.0866	-0.50000	0.0	0.0	0.0
	36.00000	46.00000	0.00000	-1.9924	-0.50000	0.0	0.0	0.0
	37.00000	46.00000	0.00000	-1.8940	-0.50000	0.0	0.0	0.0
	38.00000	46.00000	0.00000	-1.7922	-0.50000	0.0	0.0	0.0
	39.00000	46.00000	0.00000	-1.6881	-0.50000	0.0	0.0	0.0
	40.00000	46.00000	0.00000	-1.5825	-0.50000	0.0	0.0	0.0
	41.00000	46.00000	0.00000	-1.4762	-0.50000	0.0	0.0	0.0
	42.00000	46.00000	0.00000	-1.3702	-0.50000	0.0	0.0	0.0
	43.00000	46.00000	0.00000	-1.2652	-0.50000	0.0	0.0	0.0
	44.00000	46.00000	0.00000	-1.1619	-0.50000	0.0	0.0	0.0
	45.00000	46.00000	0.00000	-1.0607	-0.50000	0.0	0.0	0.0
	46.00000	46.00000	0.00000	-0.96236	-0.50000	0.0	0.0	0.0
	47.00000	46.00000	0.00000	-0.86710	-0.50000	0.0	0.0	0.0
	48.00000	46.00000	0.00000	-0.77528	-0.50000	0.0	0.0	0.0
	49.00000	46.00000	0.00000	-0.68711	-0.50000	0.0	0.0	0.0
	50.00000	46.00000	0.00000	-0.60277	-0.50000	0.0	0.0	0.0
	51.00000	46.00000	0.00000	-0.52234	-0.50000	0.0	0.0	0.0
	52.00000	46.00000	0.00000	-0.44587	-0.50000	0.0	0.0	0.0
	53.00000	46.00000	0.00000	-0.37337	-0.50000	0.0	0.0	0.0
	54.00000	46.00000	0.00000	-0.30480	-0.50000	0.0	0.0	0.0
	55.

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-18.00000	47.00000	0.00000	0.0016007	-0.50000	0.0	0.0	0.0
	-17.00000	47.00000	0.00000	-0.044272	-0.50000	0.0	0.0	0.0
	-16.00000	47.00000	0.00000	-0.092902	-0.50000	0.0	0.0	0.0
	-15.00000	47.00000	0.00000	-0.14433	-0.50000	0.0	0.0	0.0
	-14.00000	47.00000	0.00000	-0.19858	-0.50000	0.0	0.0	0.0
	-13.00000	47.00000	0.00000	-0.25567	-0.50000	0.0	0.0	0.0
	-12.00000	47.00000	0.00000	-0.31557	-0.50000	0.0	0.0	0.0
	-11.00000	47.00000	0.00000	-0.37824	-0.50000	0.0	0.0	0.0
	-10.00000	47.00000	0.00000	-0.44361	-0.50000	0.0	0.0	0.0
	-9.00000	47.00000	0.00000	-0.51159	-0.50000	0.0	0.0	0.0
	-8.00000	47.00000	0.00000	-0.58204	-0.50000	0.0	0.0	0.0
	-7.00000	47.00000	0.00000	-0.65480	-0.50000	0.0	0.0	0.0
	-6.00000	47.00000	0.00000	-0.72964	-0.50000	0.0	0.0	0.0
	-5.00000	47.00000	0.00000	-0.80634	-0.50000	0.0	0.0	0.0
	-4.00000	47.00000	0.00000	-0.88461	-0.50000	0.0	0.0	0.0
	-3.00000	47.00000	0.00000	-0.96414	-0.50000	0.0	0.0	0.0
	-2.00000	47.00000	0.00000	-1.0446	-0.50000	0.0	0.0	0.0
	-1.00000	47.00000	0.00000	-1.1256	-0.50000	0.0	0.0	0.0
	0.00000	47.00000	0.00000	-1.2068	-0.50000	0.0	0.0	0.0
	1.00000	47.00000	0.00000	-1.2877	-0.50000	0.0	0.0	0.0
	2.00000	47.00000	0.00000	-1.3680	-0.50000	0.0	0.0	0.0
	3.00000	47.00000	0.00000	-1.4473	-0.50000	0.0	0.0	0.0
	4.00000	47.00000	0.00000	-1.5253	-0.50000	0.0	0.0	0.0
	5.00000	47.00000	0.00000	-1.6014	-0.50000	0.0	0.0	0.0
	6.00000	47.00000	0.00000	-1.6755	-0.50000	0.0	0.0	0.0
	7.00000	47.00000	0.00000	-1.7471	-0.50000	0.0	0.0	0.0
	8.00000	47.00000	0.00000	-1.8160	-0.50000	0.0	0.0	0.0
	9.00000	47.00000	0.00000	-1.8819	-0.50000	0.0	0.0	0.0
	10.00000	47.00000	0.00000	-1.9446	-0.50000	0.0	0.0	0.0
	11.00000	47.00000	0.00000	-2.0039	-0.50000	0.0	0.0	0.0
	12.00000	47.00000	0.00000	-2.0594	-0.50000	0.0	0.0	0.0
	13.00000	47.00000	0.00000	-2.1111	-0.50000	0.0	0.0	0.0
	14.00000	47.00000	0.00000	-2.1588	-0.50000	0.0	0.0	0.0
	15.00000	47.00000	0.00000	-2.2022	-0.50000	0.0	0.0	0.0
	16.00000	47.00000	0.00000	-2.2411	-0.50000	0.0	0.0	0.0
	17.00000	47.00000	0.00000	-2.2753	-0.50000	0.0	0.0	0.0
	18.00000	47.00000	0.00000	-2.3045	-0.50000	0.0	0.0	0.0
	19.00000	47.00000	0.00000	-2.3285	-0.50000	0.0	0.0	0.0
	20.00000	47.00000	0.00000	-2.3470	-0.50000	0.0	0.0	0.0
	21.00000	47.00000	0.00000	-2.3597	-0.50000	0.0	0.0	0.0
	22.00000	47.00000	0.00000	-2.3663	-0.50000	0.0	0.0	0.0
	23.00000	47.00000	0.00000	-2.3665	-0.50000	0.0	0.0	0.0
	24.00000	47.00000	0.00000	-2.3601	-0.50000	0.0	0.0	0.0
	25.00000	47.00000	0.00000	-2.3468	-0.50000	0.0	0.0	0.0
	26.00000	47.00000	0.00000	-2.3265	-0.50000	0.0	0.0	0.0
	27.00000	47.00000	0.00000	-2.2991	-0.50000	0.0	0.0	0.0
	28.00000	47.00000	0.00000	-2.2645	-0.50000	0.0	0.0	0.0
	29.00000	47.00000	0.00000	-2.2227	-0.50000	0.0	0.0	0.0
	30.00000	47.00000	0.00000	-2.1739	-0.50000	0.0	0.0	0.0
	31.00000	47.00000	0.00000	-2.1183	-0.50000	0.0	0.0	0.0
	32.00000	47.00000	0.00000	-2.0563	-0.50000	0.0	0.0	0.0
	33.00000	47.00000	0.00000	-1.9881	-0.50000	0.0	0.0	0.0
	34.00000	47.00000	0.00000	-1.9144	-0.50000	0.0	0.0	0.0
	35.00000	47.00000	0.00000	-1.8356	-0.50000	0.0	0.0	0.0
	36.00000	47.00000	0.00000	-1.7525	-0.50000	0.0	0.0	0.0
	37.00000	47.00000	0.00000	-1.6657	-0.50000	0.0	0.0	0.0
	38.00000	47.00000	0.00000	-1.5760	-0.50000	0.0	0.0	0.0
	39.00000	47.00000	0.00000	-1.4841	-0.50000	0.0	0.0	0.0
	40.00000	47.00000	0.00000	-1.3908	-0.50000	0.0	0.0	0.0
	41.00000	47.00000	0.00000	-1.2968	-0.50000	0.0	0.0	0.0
	42.00000	47.00000	0.00000	-1.2028	-0.50000	0.0	0.0	0.0
	43.00000	47.00000	0.00000	-1.1095	-0.50000	0.0	0.0	0.0
	44.00000	47.00000	0.00000	-1.0174	-0.50000	0.0	0.0	0.0
	45.00000	47.00000	0.00000	-0.92709	-0.50000	0.0	0.0	0.0
	46.00000	47.00000	0.00000	-0.83898	-0.50000	0.0	0.0	0.0
	47.00000	47.00000	0.00000	-0.75342	-0.50000	0.0	0.0	0.0
	48.00000	47.00000	0.00000	-0.67072	-0.50000	0.0	0.0	0.0
	49.00000	47.00000	0.00000	-0.59109	-0.50000	0.0	0.0	0.0
	50.00000	47.00000	0.00000	-0.51470	-0.50000	0.0	0.0	0.0
	51.00000	47.00000	0.00000	-0.44166	-0.50000	0.0	0.0	0.0
	52.00000	47.00000	0.00000	-0.37205	-0.50000	0.0	0.0	0.0
	53.00000	47.00000	0.00000	-0.30589	-0.50000	0.0	0.0	0.0
	54.00000	47.00000	0.00000	-0.24318	-0.50000	0.0	0.0	0.0
	55.00000	47.00000	0.00000	-0.18388	-0.50000	0.0	0.0	0.0
	56.00000	47.00000	0.00000	-0.12793	-0.50000	0.0	0.0	0.0
	57.00000	47.00000	0.00000	-0.075271	-0.50000	0.0	0.0	0.0
	58.00000	47.00000	0.00000	-0.025806	-0.50000	0.0	0.0	0.0
	59.00000	47.00000	0.00000	0.020560	-0.50000	0.0	0.0	0.0
	60.00000	47.00000	0.00000	0.063933	-0.50000	0.0	0.0	0.0
	-20.00000	48.00000	0.00000	0.11880	-0.50000	0.0	0.0	0.0
	-19.00000	48.00000	0.00000	0.081498	-0.50000	0.0	0.0	0.0
	-18.00000	48.00000	0.00000	0.041817	-0.50000	0.0	0.0	0.0
	-17.00000	48.00000	0.00000	-296.37E-6	-0.50000	0.0	0.0	0.0
	-16.00000	48.00000	0.00000	-0.044882	-0.50000	0.0	0.0	0.0
	-15.00000	48.00000	0.00000	-0.091968	-0.50000	0.0	0.0	0.0
	-14.00000	48.00000	0.00000	-0.14157	-0.50000	0.0	0.0	0.0
	-13.00000	48.00000	0.00000	-0.19367	-0.50000	0.0	0.0	0.0
	-12.00000	48.00000	0.00000	-0.24826	-0.50000	0.0	0.0	0.0
	-11.00000	48.00000	0.00000	-0.30529	-0.50000	0.0	0.0	0.0
	-10.00000	48.00000	0.00000	-0.36468	-0.50000	0.0	0.0	0.0
	-9.00000	48.00000	0.00000	-0.42634	-0.50000	0.0	0.0	0.0
	-8.00000	48.00000	0.00000	-0.49014	-0.50000	0.0	0.0	0.0
	-7.00000	48.00000	0.00000	-0.55592	-0.50000	0.0	0.0	0.0
	-6.00000	48.00000	0.00000	-0.62349	-0.50000	0.0	0.0	0.0
	-5.00000	48.00000	0.00000	-0.69265	-0.50000	0.0	0.0	0.0
	-4.00000	48.00000	0.00000	-0.76314	-0.50000	0.0	0.0	0.0
	-3.00000	48.00000	0.00000	-0.83468	-0.50000	0.0	0.0	0.0
	-2.00000	48.00000	0.00000	-0.90698	-0.50000	0.0	0.0	0.0
	-1.00000	48.00000	0.00000	-0.97973	-0.50000	0.0	0.0	0.0
	0.00000	48.00000	0.00000	-1.0526	-0.50000	0.0	0.0	0.0
	1.00000	48.00000	0.00000	-1.1252	-0.50000	0.0	0.0	0.0
	2.00000	48.00000	0.00000	-1.1973	-0.50000	0.0	0.0	0.0
	3.00000	48.00000	0.00000	-1.2684	-0.50000	0.0	0.0	0.0
	4.00000	48.00000	0.00000	-1.3383	-0.50000	0.0	0.0	0.0
	5.00000	48.00000	0.00000	-1.4066	-0.50000	0.0	0.0	0.0
	6.00000	48.00000	0.00000	-1.4730	-0.50000	0.0	0.0	0.0
	7.00000	48.00000	0.00000	-1.5373	-0.50000	0.0	0.0	0.0
	8.00000	48.00000	0.00000	-1.5991	-0.50000	0.0	0.0	0.0
	9.00000	48.00000	0.00000	-1.6583	-0.50000	0.0	0.0	0.0
	10.00000	48.00000	0.00000	-1.7145	-0.50000	0.0	0.0	0.0
	11.00000	48.00000	0.00000	-1.7676	-0.50000	0.0	0.0	0.0
	12.00000	48.00000	0.00000	-1.8173	-0.50000	0.0	0.0	0.0
	13.00000	48.00000	0.00000	-1.8636	-0.50000	0.0	0.0	0.0
	14.00000	48.00000	0.00000	-1.9061	-0.50000	0.0	0.0	0.0
	15.00000	48.00000	0.00000	-1.9447	-0.50000	0.0	0.0	0.0
	16.00000	48.00000	0.00000	-1.9791	-0.50000	0.0	0.0	0.0
	17.00000	48.00000	0.00000	-2.0092	-0.50000	0.0	0.0	0.0
	18.00000	48.00000	0.00000	-2.0348	-0.50000	0.0	0.0	0.0
	19.00000	48.00000	0.00000	-2.0556	-0.50000	0.0	0.0	0.0
	20.00000	48.00000	0.00000	-2.0713	-0.50000	0.0	0.0	0.0
	21.00000	48.00000	0.00000	-2.0818	-0.50000	0.0	0.0	0.0
	22.00000	48.00000	0.00000	-2.0869	-0.50000	0.0	0.0	0.0
	23.00000	48.00000	0.00000	-2.0862	-0.50000	0.0	0.0	0.0
	24.00000	48.00000	0.00000	-2.0796	-0.50000	0.0	0.0	0.0
	25.00000	48.00000	0.00000	-2.0669	-0.50000	0.0	0.0	0.0
	26.00000	48.00000	0.00000	-2.0481	-0.50000	0.0	0.0	0.0
	27.00000	48.00000	0.00000	-2.0229	-0.50000	0.0	0.0	0.0
	28.00000	48.00000	0.00000	-1.9915	-0.50000	0.0	0.0	0.0
	29.00000	48.00000	0.00000	-1.9539	-0.50000	0.0	0.0	0.0
	30.00000	48.00000	0.00000	-1.9101	-0.50000	0.0	0.0	0.0
	31.00000	48.00000	0.00000	-1.8605	-0.50000	0.0	0.0	0.0
	32.00000	48.00000	0.00000	-1.8053	-0.50000	0.0	0.0	0.0
	33.00000	48.00000	0.00000	-1.7447	-0.50000	0.0	0.0	0.0
	34.00000	48.00000	0.00000	-1.6794	-0.50000	0.0	0.0	0.0
	35.00000	48.00000	0.00000	-1.6097	-0.50000	0.0	0.0	0.0
	36.00000	48.00000	0.00000	-1.5362	-0.50000	0.0	0.0	0.0
	37.00000	48.00000	0.00000	-1.4595	-0.50000	0.0	0.0	0.0
	38.00000	48.00000	0.00000	-1.3801	-0.50000	0.0	0.0	0.0
	39.00000	48.00000	0.00000	-1.2988	-0.50000	0.0	0.0	0.0
	40.00000	48.00000	0.00000	-1.2162	-0.50000	0.0	0.0	0.0
	41.00000	48.00000	0.00000	-1.1328	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	42.00000	48.00000	0.00000	-1.0493	-0.50000	0.0	0.0	0.0
	43.00000	48.00000	0.00000	-0.96626	-0.50000	0.0	0.0	0.0
	44.00000	48.00000	0.00000	-0.88414	-0.50000	0.0	0.0	0.0
	45.00000	48.00000	0.00000	-0.80339	-0.50000	0.0	0.0	0.0
	46.00000	48.00000	0.00000	-0.72441	-0.50000	0.0	0.0	0.0
	47.00000	48.00000	0.00000	-0.64753	-0.50000	0.0	0.0	0.0
	48.00000	48.00000	0.00000	-0.57303	-0.50000	0.0	0.0	0.0
	49.00000	48.00000	0.00000	-0.50111	-0.50000	0.0	0.0	0.0
	50.00000	48.00000	0.00000	-0.43195	-0.50000	0.0	0.0	0.0
	51.00000	48.00000	0.00000	-0.36567	-0.50000	0.0	0.0	0.0
	52.00000	48.00000	0.00000	-0.30235	-0.50000	0.0	0.0	0.0
	53.00000	48.00000	0.00000	-0.24204	-0.50000	0.0	0.0	0.0
	54.00000	48.00000	0.00000	-0.18474	-0.50000	0.0	0.0	0.0
	55.00000	48.00000	0.00000	-0.13046	-0.50000	0.0	0.0	0.0
	56.00000	48.00000	0.00000	-0.079157	-0.50000	0.0	0.0	0.0
	57.00000	48.00000	0.00000	-0.030779	-0.50000	0.0	0.0	0.0
	58.00000	48.00000	0.00000	0.014734	-0.50000	0.0	0.0	0.0
	59.00000	48.00000	0.00000	0.057460	-0.50000	0.0	0.0	0.0
	60.00000	48.00000	0.00000	0.097481	-0.50000	0.0	0.0	0.0
	-20.00000	49.00000	0.00000	0.15061	-0.50000	0.0	0.0	0.0
	-19.00000	49.00000	0.00000	0.11634	-0.50000	0.0	0.0	0.0
	-18.00000	49.00000	0.00000	0.079914	-0.50000	0.0	0.0	0.0
	-17.00000	49.00000	0.00000	0.041302	-0.50000	0.0	0.0	0.0
	-16.00000	49.00000	0.00000	472.06E-6	-0.50000	0.0	0.0	0.0
	-15.00000	49.00000	0.00000	-0.042593	-0.50000	0.0	0.0	0.0
	-14.00000	49.00000	0.00000	-0.087895	-0.50000	0.0	0.0	0.0
	-13.00000	49.00000	0.00000	-0.13542	-0.50000	0.0	0.0	0.0
	-12.00000	49.00000	0.00000	-0.18515	-0.50000	0.0	0.0	0.0
	-11.00000	49.00000	0.00000	-0.23701	-0.50000	0.0	0.0	0.0
	-10.00000	49.00000	0.00000	-0.29095	-0.50000	0.0	0.0	0.0
	-9.00000	49.00000	0.00000	-0.34687	-0.50000	0.0	0.0	0.0
	-8.00000	49.00000	0.00000	-0.40465	-0.50000	0.0	0.0	0.0
	-7.00000	49.00000	0.00000	-0.46414	-0.50000	0.0	0.0	0.0
	-6.00000	49.00000	0.00000	-0.52517	-0.50000	0.0	0.0	0.0
	-5.00000	49.00000	0.00000	-0.58756	-0.50000	0.0	0.0	0.0
	-4.00000	49.00000	0.00000	-0.65108	-0.50000	0.0	0.0	0.0
	-3.00000	49.00000	0.00000	-0.71549	-0.50000	0.0	0.0	0.0
	-2.00000	49.00000	0.00000	-0.78052	-0.50000	0.0	0.0	0.0
	-1.00000	49.00000	0.00000	-0.84591	-0.50000	0.0	0.0	0.0
	0.00000	49.00000	0.00000	-0.91137	-0.50000	0.0	0.0	0.0
	1.00000	49.00000	0.00000	-0.97659	-0.50000	0.0	0.0	0.0
	2.00000	49.00000	0.00000	-1.0413	-0.50000	0.0	0.0	0.0
	3.00000	49.00000	0.00000	-1.1051	-0.50000	0.0	0.0	0.0
	4.00000	49.00000	0.00000	-1.1679	-0.50000	0.0	0.0	0.0
	5.00000	49.00000	0.00000	-1.2292	-0.50000	0.0	0.0	0.0
	6.00000	49.00000	0.00000	-1.2888	-0.50000	0.0	0.0	0.0
	7.00000	49.00000	0.00000	-1.3465	-0.50000	0.0	0.0	0.0
	8.00000	49.00000	0.00000	-1.4020	-0.50000	0.0	0.0	0.0
	9.00000	49.00000	0.00000	-1.4551	-0.50000	0.0	0.0	0.0
	10.00000	49.00000	0.00000	-1.5055	-0.50000	0.0	0.0	0.0
	11.00000	49.00000	0.00000	-1.5531	-0.50000	0.0	0.0	0.0
	12.00000	49.00000	0.00000	-1.5977	-0.50000	0.0	0.0	0.0
	13.00000	49.00000	0.00000	-1.6390	-0.50000	0.0	0.0	0.0
	14.00000	49.00000	0.00000	-1.6769	-0.50000	0.0	0.0	0.0
	15.00000	49.00000	0.00000	-1.7112	-0.50000	0.0	0.0	0.0
	16.00000	49.00000	0.00000	-1.7418	-0.50000	0.0	0.0	0.0
	17.00000	49.00000	0.00000	-1.7684	-0.50000	0.0	0.0	0.0
	18.00000	49.00000	0.00000	-1.7908	-0.50000	0.0	0.0	0.0
	19.00000	49.00000	0.00000	-1.8088	-0.50000	0.0	0.0	0.0
	20.00000	49.00000	0.00000	-1.8223	-0.50000	0.0	0.0	0.0
	21.00000	49.00000	0.00000	-1.8311	-0.50000	0.0	0.0	0.0
	22.00000	49.00000	0.00000	-1.8349	-0.50000	0.0	0.0	0.0
	23.00000	49.00000	0.00000	-1.8336	-0.50000	0.0	0.0	0.0
	24.00000	49.00000	0.00000	-1.8270	-0.50000	0.0	0.0	0.0
	25.00000	49.00000	0.00000	-1.8150	-0.50000	0.0	0.0	0.0
	26.00000	49.00000	0.00000	-1.7976	-0.50000	0.0	0.0	0.0
	27.00000	49.00000	0.00000	-1.7746	-0.50000	0.0	0.0	0.0
	28.00000	49.00000	0.00000	-1.7462	-0.50000	0.0	0.0	0.0
	29.00000	49.00000	0.00000	-1.7123	-0.50000	0.0	0.0	0.0
	30.00000	49.00000	0.00000	-1.6731	-0.50000	0.0	0.0	0.0
	31.00000	49.00000	0.00000	-1.6287	-0.50000	0.0	0.0	0.0
	32.00000	49.00000	0.00000	-1.5795	-0.50000	0.0	0.0	0.0
	33.00000	49.00000	0.00000	-1.5257	-0.50000	0.0	0.0	0.0
	34.00000	49.00000	0.00000	-1.4677	-0.50000	0.0	0.0	0.0
	35.00000	49.00000	0.00000	-1.4059	-0.50000	0.0	0.0	0.0
	36.00000	49.00000	0.00000	-1.3407	-0.50000	0.0	0.0	0.0
	37.00000	49.00000	0.00000	-1.2727	-0.50000	0.0	0.0	0.0
	38.00000	49.00000	0.00000	-1.2024	-0.50000	0.0	0.0	0.0
	39.00000	49.00000	0.00000	-1.1303	-0.50000	0.0	0.0	0.0
	40.00000	49.00000	0.00000	-1.0570	-0.50000	0.0	0.0	0.0
	41.00000	49.00000	0.00000	-0.98291	-0.50000	0.0	0.0	0.0
	42.00000	49.00000	0.00000	-0.90862	-0.50000	0.0	0.0	0.0
	43.00000	49.00000	0.00000	-0.83458	-0.50000	0.0	0.0	0.0
	44.00000	49.00000	0.00000	-0.76123	-0.50000	0.0	0.0	0.0
	45.00000	49.00000	0.00000	-0.68897	-0.50000	0.0	0.0	0.0
	46.00000	49.00000	0.00000	-0.61813	-0.50000	0.0	0.0	0.0
	47.00000	49.00000	0.00000	-0.54902	-0.50000	0.0	0.0	0.0
	48.00000	49.00000	0.00000	-0.48190	-0.50000	0.0	0.0	0.0
	49.00000	49.00000	0.00000	-0.41695	-0.50000	0.0	0.0	0.0
	50.00000	49.00000	0.00000	-0.35436	-0.50000	0.0	0.0	0.0
	51.00000	49.00000	0.00000	-0.29424	-0.50000	0.0	0.0	0.0
	52.00000	49.00000	0.00000	-0.23669	-0.50000	0.0	0.0	0.0
	53.00000	49.00000	0.00000	-0.18175	-0.50000	0.0	0.0	0.0
	54.00000	49.00000	0.00000	-0.12947	-0.50000	0.0	0.0	0.0
	55.00000	49.00000	0.00000	-0.079841	-0.50000	0.0	0.0	0.0
	56.00000	49.00000	0.00000	-0.032854	-0.50000	0.0	0.0	0.0
	57.00000	49.00000	0.00000	0.011523	-0.50000	0.0	0.0	0.0
	58.00000	49.00000	0.00000	0.053335	-0.50000	0.0	0.0	0.0
	59.00000	49.00000	0.00000	0.092639	-0.50000	0.0	0.0	0.0
	60.00000	49.00000	0.00000	0.12950	-0.50000	0.0	0.0	0.0
	-20.00000	50.00000	0.00000	0.18074	-0.50000	0.0	0.0	0.0
	-19.00000	50.00000	0.00000	0.14930	-0.50000	0.0	0.0	0.0
	-18.00000	50.00000	0.00000	0.11592	-0.50000	0.0	0.0	0.0
	-17.00000	50.00000	0.00000	0.080562	-0.50000	0.0	0.0	0.0
	-16.00000	50.00000	0.00000	0.043216	-0.50000	0.0	0.0	0.0
	-15.00000	50.00000	0.00000	0.0038718	-0.50000	0.0	0.0	0.0
	-14.00000	50.00000	0.00000	-0.037468	-0.50000	0.0	0.0	0.0
	-13.00000	50.00000	0.00000	-0.080785	-0.50000	0.0	0.0	0.0
	-12.00000	50.00000	0.00000	-0.12604	-0.50000	0.0	0.0	0.0
	-11.00000	50.00000	0.00000	-0.17319	-0.50000	0.0	0.0	0.0
	-10.00000	50.00000	0.00000	-0.22217	-0.50000	0.0	0.0	0.0
	-9.00000	50.00000	0.00000	-0.27287	-0.50000	0.0	0.0	0.0
	-8.00000	50.00000	0.00000	-0.32519	-0.50000	0.0	0.0	0.0
	-7.00000	50.00000	0.00000	-0.37900	-0.50000	0.0	0.0	0.0
	-6.00000	50.00000	0.00000	-0.43414	-0.50000	0.0	0.0	0.0
	-5.00000	50.00000	0.00000	-0.49044	-0.50000	0.0	0.0	0.0
	-4.00000	50.00000	0.00000	-0.54771	-0.50000	0.0	0.0	0.0
	-3.00000	50.00000	0.00000	-0.60573	-0.50000	0.0	0.0	0.0
	-2.00000	50.00000	0.00000	-0.66427	-0.50000	0.0	0.0	0.0
	-1.00000	50.00000	0.00000	-0.72308	-0.50000	0.0	0.0	0.0
	0.00000	50.00000	0.00000	-0.78193	-0.50000	0.0	0.0	0.0
	1.00000	50.00000	0.00000	-0.84054	-0.50000	0.0	0.0	0.0
	2.00000	50.00000	0.00000	-0.89866	-0.50000	0.0	0.0	0.0
	3.00000	50.00000	0.00000	-0.95601	-0.50000	0.0	0.0	0.0
	4.00000	50.00000	0.00000	-1.0124	-0.50000	0.0	0.0	0.0
	5.00000	50.00000	0.00000	-1.0674	-0.50000	0.0	0.0	0.0
	6.00000	50.00000	0.00000	-1.1210	-0.50000	0.0	0.0	0.0
	7.00000	50.00000	0.00000	-1.1728	-0.50000	0.0	0.0	0.0
	8.00000	50.00000	0.00000	-1.2226	-0.50000	0.0	0.0	0.0
	9.00000	50.00000	0.00000	-1.2702	-0.50000	0.0	0.0	0.0
	10.00000	50.00000	0.00000	-1.3155	-0.50000	0.0	0.0	0.0
	11.00000	50.00000	0.00000	-1.3581	-0.50000	0.0	0.0	0.0
	12.00000	50.00000	0.00000	-1.3981	-0.50000	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	21.00000	50.00000	0.00000	-1.6044	-0.50000	0.0	0.0	0.0
	22.00000	50.00000	0.00000	-1.6072	-0.50000	0.0	0.0	0.0
	23.00000	50.00000	0.00000	-1.6055	-0.50000	0.0	0.0	0.0
	24.00000	50.00000	0.00000	-1.5991	-0.50000	0.0	0.0	0.0
	25.00000	50.00000	0.00000	-1.5879	-0.50000	0.0	0.0	0.0
	26.00000	50.00000	0.00000	-1.5719	-0.50000	0.0	0.0	0.0
	27.00000	50.00000	0.00000	-1.5510	-0.50000	0.0	0.0	0.0
	28.00000	50.00000	0.00000	-1.5252	-0.50000	0.0	0.0	0.0
	29.00000	50.00000	0.00000	-1.4947	-0.50000	0.0	0.0	0.0
	30.00000	50.00000	0.00000	-1.4596	-0.50000	0.0	0.0	0.0
	31.00000	50.00000	0.00000	-1.4199	-0.50000	0.0	0.0	0.0
	32.00000	50.00000	0.00000	-1.3760	-0.50000	0.0	0.0	0.0
	33.00000	50.00000	0.00000	-1.3281	-0.50000	0.0	0.0	0.0
	34.00000	50.00000	0.00000	-1.2765	-0.50000	0.0	0.0	0.0
	35.00000	50.00000	0.00000	-1.2216	-0.50000	0.0	0.0	0.0
	36.00000	50.00000	0.00000	-1.1637	-0.50000	0.0	0.0	0.0
	37.00000	50.00000	0.00000	-1.1034	-0.50000	0.0	0.0	0.0
	38.00000	50.00000	0.00000	-1.0409	-0.50000	0.0	0.0	0.0
	39.00000	50.00000	0.00000	-0.97689	-0.50000	0.0	0.0	0.0
	40.00000	50.00000	0.00000	-0.91169	-0.50000	0.0	0.0	0.0
	41.00000	50.00000	0.00000	-0.84577	-0.50000	0.0	0.0	0.0
	42.00000	50.00000	0.00000	-0.77957	-0.50000	0.0	0.0	0.0
	43.00000	50.00000	0.00000	-0.71349	-0.50000	0.0	0.0	0.0
	44.00000	50.00000	0.00000	-0.64792	-0.50000	0.0	0.0	0.0
	45.00000	50.00000	0.00000	-0.58319	-0.50000	0.0	0.0	0.0
	46.00000	50.00000	0.00000	-0.51962	-0.50000	0.0	0.0	0.0
	47.00000	50.00000	0.00000	-0.45748	-0.50000	0.0	0.0	0.0
	48.00000	50.00000	0.00000	-0.39700	-0.50000	0.0	0.0	0.0
	49.00000	50.00000	0.00000	-0.33836	-0.50000	0.0	0.0	0.0
	50.00000	50.00000	0.00000	-0.28173	-0.50000	0.0	0.0	0.0
	51.00000	50.00000	0.00000	-0.22723	-0.50000	0.0	0.0	0.0
	52.00000	50.00000	0.00000	-0.17496	-0.50000	0.0	0.0	0.0
	53.00000	50.00000	0.00000	-0.12497	-0.50000	0.0	0.0	0.0
	54.00000	50.00000	0.00000	-0.077304	-0.50000	0.0	0.0	0.0
	55.00000	50.00000	0.00000	-0.031986	-0.50000	0.0	0.0	0.0
	56.00000	50.00000	0.00000	0.010988	-0.50000	0.0	0.0	0.0
	57.00000	50.00000	0.00000	0.051636	-0.50000	0.0	0.0	0.0
	58.00000	50.00000	0.00000	0.089987	-0.50000	0.0	0.0	0.0
	59.00000	50.00000	0.00000	0.12608	-0.50000	0.0	0.0	0.0
	60.00000	50.00000	0.00000	0.15998	-0.50000	0.0	0.0	0.0
Grid 2	-20.00000	-20.00000	-8.50000	0.19586	-8.9310	-26.234E-6	-0.29011	3.3457E-6
	-19.00000	-20.00000	-8.50000	0.16546	-8.9310	-28.548E-6	-0.30401	3.5060E-6
	-18.00000	-20.00000	-8.50000	0.13314	-8.9310	-31.081E-6	-0.31863	3.6746E-6
	-17.00000	-20.00000	-8.50000	0.098854	-8.9310	-33.855E-6	-0.33402	3.8520E-6
	-16.00000	-20.00000	-8.50000	0.062578	-8.9310	-36.889E-6	-0.35019	4.0384E-6
	-15.00000	-20.00000	-8.50000	0.024292	-8.9310	-40.206E-6	-0.36716	4.2341E-6
	-14.00000	-20.00000	-8.50000	-0.016008	-8.9310	-43.827E-6	-0.38497	4.4394E-6
	-13.00000	-20.00000	-8.50000	-0.058319	-8.9310	-47.774E-6	-0.40362	4.6544E-6
	-12.00000	-20.00000	-8.50000	-0.10262	-8.9310	-52.069E-6	-0.42314	4.8794E-6
	-11.00000	-20.00000	-8.50000	-0.14887	-8.9310	-56.733E-6	-0.44351	5.1143E-6
	-10.00000	-20.00000	-8.50000	-0.19701	-8.9310	-61.782E-6	-0.46475	5.3591E-6
	-9.00000	-20.00000	-8.50000	-0.24696	-8.9310	-67.231E-6	-0.48684	5.6137E-6
	-8.00000	-20.00000	-8.50000	-0.29863	-8.9310	-73.090E-6	-0.50974	5.8777E-6
	-7.00000	-20.00000	-8.50000	-0.35188	-8.9310	-79.363E-6	-0.53343	6.1508E-6
	-6.00000	-20.00000	-8.50000	-0.40657	-8.9310	-86.047E-6	-0.55786	6.4323E-6
	-5.00000	-20.00000	-8.50000	-0.46252	-8.9310	-93.128E-6	-0.58294	6.7215E-6
	-4.00000	-20.00000	-8.50000	-0.51953	-8.9310	-100.58E-6	-0.60861	7.0173E-6
	-3.00000	-20.00000	-8.50000	-0.57736	-8.9310	-108.38E-6	-0.63476	7.3187E-6
	-2.00000	-20.00000	-8.50000	-0.63577	-8.9310	-116.48E-6	-0.66127	7.6242E-6
	-1.00000	-20.00000	-8.50000	-0.69448	-8.9310	-124.82E-6	-0.68801	7.9324E-6
	0.00000	-20.00000	-8.50000	-0.75319	-8.9310	-133.34E-6	-0.71483	8.2415E-6
	1.00000	-20.00000	-8.50000	-0.81160	-8.9310	-141.96E-6	-0.74158	8.5498E-6
	2.00000	-20.00000	-8.50000	-0.86938	-8.9310	-150.61E-6	-0.76809	8.8553E-6
	3.00000	-20.00000	-8.50000	-0.92620	-8.9310	-159.20E-6	-0.79419	9.1561E-6
	4.00000	-20.00000	-8.50000	-0.98173	-8.9310	-167.64E-6	-0.81972	9.4500E-6
	5.00000	-20.00000	-8.50000	-1.0356	-8.9310	-175.86E-6	-0.84449	9.7357E-6
	6.00000	-20.00000	-8.50000	-1.0876	-8.9310	-183.78E-6	-0.86835	10.011E-6
	7.00000	-20.00000	-8.50000	-1.1373	-8.9310	-191.33E-6	-0.89114	10.273E-6
	8.00000	-20.00000	-8.50000	-1.1845	-8.9310	-198.45E-6	-0.91273	10.522E-6
	9.00000	-20.00000	-8.50000	-1.2289	-8.9310	-205.09E-6	-0.93298	10.756E-6
	10.00000	-20.00000	-8.50000	-1.2702	-8.9310	-211.21E-6	-0.95178	10.972E-6
	11.00000	-20.00000	-8.50000	-1.3082	-8.9310	-216.79E-6	-0.96903	11.171E-6
	12.00000	-20.00000	-8.50000	-1.3426	-8.9310	-221.79E-6	-0.98464	11.351E-6
	13.00000	-20.00000	-8.50000	-1.3734	-8.9310	-226.21E-6	-0.99855	11.511E-6
	14.00000	-20.00000	-8.50000	-1.4004	-8.9310	-230.04E-6	-1.0107	11.651E-6
	15.00000	-20.00000	-8.50000	-1.4234	-8.9310	-233.27E-6	-1.0210	11.770E-6
	16.00000	-20.00000	-8.50000	-1.4423	-8.9310	-235.91E-6	-1.0295	11.868E-6
	17.00000	-20.00000	-8.50000	-1.4570	-8.9310	-237.95E-6	-1.0361	11.944E-6
	18.00000	-20.00000	-8.50000	-1.4675	-8.9310	-239.40E-6	-1.0408	11.998E-6
	19.00000	-20.00000	-8.50000	-1.4736	-8.9310	-240.26E-6	-1.0435	12.030E-6
	20.00000	-20.00000	-8.50000	-1.4755	-8.9310	-240.53E-6	-1.0444	12.039E-6
	21.00000	-20.00000	-8.50000	-1.4730	-8.9310	-240.21E-6	-1.0433	12.027E-6
	22.00000	-20.00000	-8.50000	-1.4662	-8.9310	-239.31E-6	-1.0403	11.992E-6
	23.00000	-20.00000	-8.50000	-1.4551	-8.9310	-237.81E-6	-1.0354	11.936E-6
	24.00000	-20.00000	-8.50000	-1.4397	-8.9310	-235.73E-6	-1.0286	11.857E-6
	25.00000	-20.00000	-8.50000	-1.4202	-8.9310	-233.05E-6	-1.0199	11.757E-6
	26.00000	-20.00000	-8.50000	-1.3966	-8.9310	-229.77E-6	-1.0093	11.635E-6
	27.00000	-20.00000	-8.50000	-1.3691	-8.9310	-225.90E-6	-0.99697	11.493E-6
	28.00000	-20.00000	-8.50000	-1.3377	-8.9310	-221.44E-6	-0.98285	11.330E-6
	29.00000	-20.00000	-8.50000	-1.3026	-8.9310	-216.40E-6	-0.96704	11.148E-6
	30.00000	-20.00000	-8.50000	-1.2641	-8.9310	-210.79E-6	-0.94959	10.947E-6
	31.00000	-20.00000	-8.50000	-1.2223	-8.9310	-204.63E-6	-0.93061	10.728E-6
	32.00000	-20.00000	-8.50000	-1.1775	-8.9310	-197.96E-6	-0.91018	10.493E-6
	33.00000	-20.00000	-8.50000	-1.1298	-8.9310	-190.81E-6	-0.88843	10.242E-6
	34.00000	-20.00000	-8.50000	-1.0797	-8.9310	-183.23E-6	-0.86549	9.9777E-6
	35.00000	-20.00000	-8.50000	-1.0273	-8.9310	-175.28E-6	-0.84148	9.7011E-6
	36.00000	-20.00000	-8.50000	-0.97307	-8.9310	-167.04E-6	-0.81659	9.4142E-6
	37.00000	-20.00000	-8.50000	-0.91723	-8.9310	-158.58E-6	-0.79095	9.1187E-6
	38.00000	-20.00000	-8.50000	-0.86012	-8.9310	-149.98E-6	-0.76475	8.8168E-6
	39.00000	-20.00000	-8.50000	-0.80210	-8.9310	-141.32E-6	-0.73815	8.5102E-6
	40.00000	-20.00000	-8.50000	-0.74349	-8.9310	-132.69E-6	-0.71133	8.2011E-6
	41.00000	-20.00000	-8.50000	-0.68461	-8.9310	-124.16E-6	-0.68445	7.8913E-6
	42.00000	-20.00000	-8.50000	-0.62577	-8.9310	-115.82E-6	-0.65766	7.5826E-6
	43.00000	-20.00000	-8.50000	-0.56728	-8.9310	-107.72E-6	-0.63112	7.2768E-6
	44.00000	-20.00000	-8.50000	-0.50939	-8.9310	-99.926E-6	-0.60496	6.9752E-6
	45.00000	-20.00000	-8.50000	-0.45237	-8.9310	-92.475E-6	-0.57929	6.6793E-6
	46.00000	-20.00000	-8.50000	-0.39644	-8.9310	-85.403E-6	-0.55421	6.3903E-6
	47.00000	-20.00000	-8.50000	-0.34180	-8.9310	-78.730E-6	-0.52981	6.1090E-6
	48.00000	-20.00000	-8.50000	-0.28863	-8.9310	-72.471E-6	-0.50615	5.8363E-6
	49.00000	-20.00000	-8.50000	-0.23708	-8.9310	-66.627E-6	-0.48329	5.5728E-6
	50.00000	-20.00000	-8.50000	-0.18727	-8.9310	-61.195E-6	-0.46125	5.3188E-6
	51.00000	-20.00000	-8.50000	-0.13930	-8.9310	-56.164E-6	-0.44008	5.0747E-6
	52.00000	-20.00000	-8.50000	-0.093241	-8.9310	-51.521E-6	-0.41977	4.8406E-6
	53.00000	-20.00000	-8.50000	-0.049154	-8.9310	-47.246E-6	-0.40033	4.6165E-6
	54.00000	-20.00000	-8.50000	-0.0070738	-8.9310	-43.320E-6	-0.38176	4.4026E-6
	55.00000	-20.00000	-8.50000	0.032981	-8.9310	-39.721E-6	-0.36404	4.1981E-6
	56.00000	-20.00000	-8.50000	0.071006	-8.9310	-36.426E-6	-0.34715	4.0034E-6
	57.00000	-20.00000	-8.50000	0.10701	-8.9310	-33.414E-6	-0.33107	3.8180E-6
	58.00000	-20.00000	-8.50000	0.14102	-8.9310	-30.663E-6	-0.31579	3.6418E-6
	59.00000	-20.00000	-8.50000	0.17305	-8.9310	-28.151E-6	-0.30126	3.4743E-6
	60.00000	-20.00000	-8.50000	0.20316	-8.9310	-25.859E-6	-0.28746	3.3151E-6
	-20.00000	-19.00000	-8.50000	0.16715	-8.9310	-28.406E-6	-0.30306	3.4950E-6
	-19.00000	-19.00000	-8.50000	0.13404	-8.9310	-31.003E-6	-0.31804	3.6678E-6
	-18.00000	-19.00000	-8.50000	0.098802	-8.9310	-33.860E-6	-0.33386	3.8501E-6
	-17.00000	-19.00000	-8.50000	0.061385	-8.9310	-37.003E-6	-0.35054	4.0424E-6
	-16.00000	-19.00000	-8.50000	0.021753	-8.9310	-40.457E-6	-0.36811	4.2451E-6
	-15.00000	-19.00000	-8.50000	-0.020123	-8.9310	-44.253E-6	-0.38662	4.4585E-6
	-14.00000	-19.00000	-8.50000	-0.064260	-8.9310	-48.418E-6	-0.40610	4.6830E-6
	-13.00000	-19.00000	-8.50000	-0.11066	-8.9310	-52.985E-6	-0.42656	4.9189E-6
	-12.00000	-19.00000	-8.50000	-0.15931	-8.9310	-57.982E-6	-0.44804	5.1665E-6
	-11.00000	-19.00000	-8.50000	-0.21017	-8.9310	-63.439E-6	-0.47055	5.4259E-6
	-10.00000	-19.00000	-8.50000	-0.26320	-8.9310	-69.383E-6	-0.49408	5.6972E-6
	-9.00000	-19.00000	-8.50000	-0.31831	-8.9310	-75.836E-6	-0.51863	5.9802E-6
	-8.00000	-19.00000	-8.50000	-0.37539	-8.9310	-82.817E-6	-0.54419	6.2747E-6
	-7.00000	-19.00000	-8.50000	-0.43432	-8.9310	-90.336E-6	-0.57070	6.5804E-6
	-6.00000	-19.00000	-8.50000	-0.49494	-8.9310	-98.393E-6	-0.59813	6.8965E-6
	-5.00000	-19.00000	-8.50000	-0.55705	-8.9310	-106.98E-6	-0.62640	7.2223E-6
	-4.00000	-19.00000	-8.50000	-0.62042	-8.9310	-116.07E-6	-0.65540	7.5566E-6
	-3.00000	-19.00000	-8.50000	-0.68480	-8.9310	-125.62E-6	-0.68504	7.8981E-6
	-2.00000	-19.00000	-8.50000	-0.74991	-8.9310	-135.58E-6	-0.71516	8.2453E-6
	-1.00000	-19.00000	-8.50000	-0.81542	-8.9310	-145.88E-6	-0.74562	8.5963E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	0.00000	-19.00000	-8.50000	-0.88101	-8.9310	-156.43E-6	-0.77624	8.9491E-6
	1.00000	-19.00000	-8.50000	-0.94632	-8.9310	-167.13E-6	-0.80683	9.3016E-6
	2.00000	-19.00000	-8.50000	-1.0110	-8.9310	-177.88E-6	-0.83719	9.6514E-6
	3.00000	-19.00000	-8.50000	-1.0746	-8.9310	-188.57E-6	-0.86711	9.9962E-6
	4.00000	-19.00000	-8.50000	-1.1368	-8.9310	-199.08E-6	-0.89638	10.334E-6
	5.00000	-19.00000	-8.50000	-1.1971	-8.9310	-209.30E-6	-0.92480	10.661E-6
	6.00000	-19.00000	-8.50000	-1.2554	-8.9310	-219.13E-6	-0.95217	10.976E-6
	7.00000	-19.00000	-8.50000	-1.3111	-8.9310	-228.49E-6	-0.97832	11.278E-6
	8.00000	-19.00000	-8.50000	-1.3639	-8.9310	-237.29E-6	-1.0031	11.563E-6
	9.00000	-19.00000	-8.50000	-1.4136	-8.9310	-245.48E-6	-1.0263	11.830E-6
	10.00000	-19.00000	-8.50000	-1.4598	-8.9310	-253.00E-6	-1.0478	12.078E-6
	11.00000	-19.00000	-8.50000	-1.5023	-8.9310	-259.83E-6	-1.0675	12.305E-6
	12.00000	-19.00000	-8.50000	-1.5409	-8.9310	-265.94E-6	-1.0853	12.511E-6
	13.00000	-19.00000	-8.50000	-1.5753	-8.9310	-271.31E-6	-1.1012	12.694E-6
	14.00000	-19.00000	-8.50000	-1.6055	-8.9310	-275.96E-6	-1.1150	12.853E-6
	15.00000	-19.00000	-8.50000	-1.6311	-8.9310	-279.87E-6	-1.1268	12.989E-6
	16.00000	-19.00000	-8.50000	-1.6522	-8.9310	-283.05E-6	-1.1364	13.100E-6
	17.00000	-19.00000	-8.50000	-1.6687	-8.9310	-285.51E-6	-1.1439	13.186E-6
	18.00000	-19.00000	-8.50000	-1.6804	-8.9310	-287.25E-6	-1.1493	13.248E-6
	19.00000	-19.00000	-8.50000	-1.6872	-8.9310	-288.29E-6	-1.1524	13.284E-6
	20.00000	-19.00000	-8.50000	-1.6893	-8.9310	-288.61E-6	-1.1534	13.295E-6
	21.00000	-19.00000	-8.50000	-1.6865	-8.9310	-288.24E-6	-1.1521	13.281E-6
	22.00000	-19.00000	-8.50000	-1.6789	-8.9310	-287.15E-6	-1.1487	13.242E-6
	23.00000	-19.00000	-8.50000	-1.6665	-8.9310	-285.35E-6	-1.1431	13.177E-6
	24.00000	-19.00000	-8.50000	-1.6494	-8.9310	-282.84E-6	-1.1354	13.088E-6
	25.00000	-19.00000	-8.50000	-1.6276	-8.9310	-279.61E-6	-1.1255	12.974E-6
	26.00000	-19.00000	-8.50000	-1.6013	-8.9310	-275.65E-6	-1.1135	12.836E-6
	27.00000	-19.00000	-8.50000	-1.5705	-8.9310	-270.96E-6	-1.0994	12.673E-6
	28.00000	-19.00000	-8.50000	-1.5354	-8.9310	-265.53E-6	-1.0833	12.488E-6
	29.00000	-19.00000	-8.50000	-1.4962	-8.9310	-259.38E-6	-1.0653	12.280E-6
	30.00000	-19.00000	-8.50000	-1.4531	-8.9310	-252.51E-6	-1.0453	12.050E-6
	31.00000	-19.00000	-8.50000	-1.4063	-8.9310	-244.94E-6	-1.0236	11.800E-6
	32.00000	-19.00000	-8.50000	-1.3561	-8.9310	-236.72E-6	-1.0002	11.530E-6
	33.00000	-19.00000	-8.50000	-1.3028	-8.9310	-227.88E-6	-0.97530	11.243E-6
	34.00000	-19.00000	-8.50000	-1.2466	-8.9310	-218.49E-6	-0.94898	10.940E-6
	35.00000	-19.00000	-8.50000	-1.1880	-8.9310	-208.63E-6	-0.92145	10.622E-6
	36.00000	-19.00000	-8.50000	-1.1272	-8.9310	-198.38E-6	-0.89289	10.293E-6
	37.00000	-19.00000	-8.50000	-1.0647	-8.9310	-187.85E-6	-0.86349	9.9548E-6
	38.00000	-19.00000	-8.50000	-1.0007	-8.9310	-177.15E-6	-0.83346	9.6085E-6
	39.00000	-19.00000	-8.50000	-0.93583	-8.9310	-166.38E-6	-0.80301	9.2576E-6
	40.00000	-19.00000	-8.50000	-0.87031	-8.9310	-155.67E-6	-0.77234	8.9042E-6
	41.00000	-19.00000	-8.50000	-0.80454	-8.9310	-145.11E-6	-0.74166	8.5506E-6
	42.00000	-19.00000	-8.50000	-0.73889	-8.9310	-134.81E-6	-0.71116	8.1991E-6
	43.00000	-19.00000	-8.50000	-0.67369	-8.9310	-124.85E-6	-0.68100	7.8516E-6
	44.00000	-19.00000	-8.50000	-0.60925	-8.9310	-115.30E-6	-0.65135	7.5099E-6
	45.00000	-19.00000	-8.50000	-0.54587	-8.9310	-106.22E-6	-0.62235	7.1756E-6
	46.00000	-19.00000	-8.50000	-0.48379	-8.9310	-97.649E-6	-0.59410	6.8500E-6
	47.00000	-19.00000	-8.50000	-0.42324	-8.9310	-89.606E-6	-0.56670	6.5342E-6
	48.00000	-19.00000	-8.50000	-0.36441	-8.9310	-82.104E-6	-0.54022	6.2290E-6
	49.00000	-19.00000	-8.50000	-0.30746	-8.9310	-75.142E-6	-0.51472	5.9351E-6
	50.00000	-19.00000	-8.50000	-0.25252	-8.9310	-68.709E-6	-0.49023	5.6528E-6
	51.00000	-19.00000	-8.50000	-0.19968	-8.9310	-62.788E-6	-0.46677	5.3824E-6
	52.00000	-19.00000	-8.50000	-0.14904	-8.9310	-57.355E-6	-0.44435	5.1239E-6
	53.00000	-19.00000	-8.50000	-0.10063	-8.9310	-52.383E-6	-0.42296	4.8773E-6
	54.00000	-19.00000	-8.50000	-0.054489	-8.9310	-47.842E-6	-0.40258	4.6425E-6
	55.00000	-19.00000	-8.50000	-0.010630	-8.9310	-43.702E-6	-0.38321	4.4191E-6
	56.00000	-19.00000	-8.50000	0.030953	-8.9310	-39.933E-6	-0.36480	4.2069E-6
	57.00000	-19.00000	-8.50000	0.070281	-8.9310	-36.505E-6	-0.34733	4.0055E-6
	58.00000	-19.00000	-8.50000	0.10738	-8.9310	-33.389E-6	-0.33076	3.8145E-6
	59.00000	-19.00000	-8.50000	0.14230	-8.9310	-30.557E-6	-0.31506	3.6334E-6
	60.00000	-19.00000	-8.50000	0.17509	-8.9310	-27.985E-6	-0.30018	3.4619E-6
	-20.00000	-18.00000	-8.50000	0.13686	-8.9310	-30.763E-6	-0.31659	3.6511E-6
	-19.00000	-18.00000	-8.50000	0.10086	-8.9310	-33.679E-6	-0.33276	3.8374E-6
	-18.00000	-18.00000	-8.50000	0.062501	-8.9310	-36.903E-6	-0.34986	4.0346E-6
	-17.00000	-18.00000	-8.50000	0.021730	-8.9310	-40.466E-6	-0.36794	4.2431E-6
	-16.00000	-18.00000	-8.50000	-0.021508	-8.9310	-44.404E-6	-0.38706	4.4636E-6
	-15.00000	-18.00000	-8.50000	-0.067253	-8.9310	-48.753E-6	-0.40726	4.6964E-6
	-14.00000	-18.00000	-8.50000	-0.11554	-8.9310	-53.554E-6	-0.42858	4.9422E-6
	-13.00000	-18.00000	-8.50000	-0.16637	-8.9310	-58.848E-6	-0.45106	5.2013E-6
	-12.00000	-18.00000	-8.50000	-0.21975	-8.9310	-64.678E-6	-0.47473	5.4742E-6
	-11.00000	-18.00000	-8.50000	-0.27565	-8.9310	-71.083E-6	-0.49962	5.7611E-6
	-10.00000	-18.00000	-8.50000	-0.33402	-8.9310	-78.106E-6	-0.52574	6.0622E-6
	-9.00000	-18.00000	-8.50000	-0.39479	-8.9310	-85.781E-6	-0.55310	6.3775E-6
	-8.00000	-18.00000	-8.50000	-0.45785	-8.9310	-94.140E-6	-0.58168	6.7068E-6
	-7.00000	-18.00000	-8.50000	-0.52306	-8.9310	-103.20E-6	-0.61144	7.0499E-6
	-6.00000	-18.00000	-8.50000	-0.59025	-8.9310	-112.98E-6	-0.64234	7.4060E-6
	-5.00000	-18.00000	-8.50000	-0.65921	-8.9310	-123.46E-6	-0.67429	7.7742E-6
	-4.00000	-18.00000	-8.50000	-0.72968	-8.9310	-134.62E-6	-0.70720	8.1534E-6
	-3.00000	-18.00000	-8.50000	-0.80140	-8.9310	-146.41E-6	-0.74092	8.5420E-6
	-2.00000	-18.00000	-8.50000	-0.87402	-8.9310	-158.77E-6	-0.77530	8.9382E-6
	-1.00000	-18.00000	-8.50000	-0.94719	-8.9310	-171.61E-6	-0.81016	9.3399E-6
	0.00000	-18.00000	-8.50000	-1.0205	-8.9310	-184.80E-6	-0.84528	9.7445E-6
	1.00000	-18.00000	-8.50000	-1.0936	-8.9310	-198.23E-6	-0.88043	10.150E-6
	2.00000	-18.00000	-8.50000	-1.1660	-8.9310	-211.73E-6	-0.91536	10.552E-6
	3.00000	-18.00000	-8.50000	-1.2373	-8.9310	-225.17E-6	-0.94983	10.949E-6
	4.00000	-18.00000	-8.50000	-1.3070	-8.9310	-238.37E-6	-0.98357	11.338E-6
	5.00000	-18.00000	-8.50000	-1.3748	-8.9310	-251.20E-6	-1.0163	11.715E-6
	6.00000	-18.00000	-8.50000	-1.4401	-8.9310	-263.53E-6	-1.0479	12.079E-6
	7.00000	-18.00000	-8.50000	-1.5025	-8.9310	-275.22E-6	-1.0780	12.426E-6
	8.00000	-18.00000	-8.50000	-1.5618	-8.9310	-286.19E-6	-1.1065	12.754E-6
	9.00000	-18.00000	-8.50000	-1.6174	-8.9310	-296.35E-6	-1.1332	13.062E-6
	10.00000	-18.00000	-8.50000	-1.6692	-8.9310	-305.66E-6	-1.1579	13.346E-6
	11.00000	-18.00000	-8.50000	-1.7168	-8.9310	-314.07E-6	-1.1805	13.607E-6
	12.00000	-18.00000	-8.50000	-1.7600	-8.9310	-321.57E-6	-1.2009	13.842E-6
	13.00000	-18.00000	-8.50000	-1.7985	-8.9310	-328.14E-6	-1.2191	14.051E-6
	14.00000	-18.00000	-8.50000	-1.8322	-8.9310	-333.80E-6	-1.2349	14.234E-6
	15.00000	-18.00000	-8.50000	-1.8608	-8.9310	-338.54E-6	-1.2483	14.388E-6
	16.00000	-18.00000	-8.50000	-1.8844	-8.9310	-342.39E-6	-1.2593	14.515E-6
	17.00000	-18.00000	-8.50000	-1.9027	-8.9310	-345.37E-6	-1.2678	14.613E-6
	18.00000	-18.00000	-8.50000	-1.9158	-8.9310	-347.47E-6	-1.2739	14.683E-6
	19.00000	-18.00000	-8.50000	-1.9235	-8.9310	-348.71E-6	-1.2775	14.725E-6
	20.00000	-18.00000	-8.50000	-1.9258	-8.9310	-349.11E-6	-1.2786	14.737E-6
	21.00000	-18.00000	-8.50000	-1.9227	-8.9310	-348.65E-6	-1.2772	14.721E-6
	22.00000	-18.00000	-8.50000	-1.9142	-8.9310	-347.35E-6	-1.2733	14.677E-6
	23.00000	-18.00000	-8.50000	-1.9004	-8.9310	-345.18E-6	-1.2669	14.603E-6
	24

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	60.00000	-18.00000	-8.50000	0.14549	-8.9310	-30.290E-6	-0.31348	3.6152E-6
	-20.00000	-17.00000	-8.50000	0.10499	-8.9310	-33.317E-6	-0.33073	3.8141E-6
	-19.00000	-17.00000	-8.50000	0.065907	-8.9310	-36.593E-6	-0.34816	4.0150E-6
	-18.00000	-17.00000	-8.50000	0.024223	-8.9310	-40.232E-6	-0.36666	4.2283E-6
	-17.00000	-17.00000	-8.50000	-0.020138	-8.9310	-44.275E-6	-0.38628	4.4545E-6
	-16.00000	-17.00000	-8.50000	-0.067245	-8.9310	-48.767E-6	-0.40709	4.6944E-6
	-15.00000	-17.00000	-8.50000	-0.11715	-8.9310	-53.758E-6	-0.42914	4.9486E-6
	-14.00000	-17.00000	-8.50000	-0.16991	-8.9310	-59.301E-6	-0.45250	5.2179E-6
	-13.00000	-17.00000	-8.50000	-0.22554	-8.9310	-65.451E-6	-0.47721	5.5028E-6
	-12.00000	-17.00000	-8.50000	-0.28406	-8.9310	-72.268E-6	-0.50334	5.8039E-6
	-11.00000	-17.00000	-8.50000	-0.34545	-8.9310	-79.811E-6	-0.53091	6.1217E-6
	-10.00000	-17.00000	-8.50000	-0.40967	-8.9310	-88.140E-6	-0.55996	6.4565E-6
	-9.00000	-17.00000	-8.50000	-0.47666	-8.9310	-97.308E-6	-0.59050	6.8086E-6
	-8.00000	-17.00000	-8.50000	-0.54630	-8.9310	-107.37E-6	-0.62254	7.1778E-6
	-7.00000	-17.00000	-8.50000	-0.61846	-8.9310	-118.35E-6	-0.65604	7.5639E-6
	-6.00000	-17.00000	-8.50000	-0.69295	-8.9310	-130.29E-6	-0.69096	7.9663E-6
	-5.00000	-17.00000	-8.50000	-0.76954	-8.9310	-143.18E-6	-0.72722	8.3841E-6
	-4.00000	-17.00000	-8.50000	-0.84797	-8.9310	-157.00E-6	-0.76470	8.8159E-6
	-3.00000	-17.00000	-8.50000	-0.92790	-8.9310	-171.70E-6	-0.80324	9.2601E-6
	-2.00000	-17.00000	-8.50000	-1.0090	-8.9310	-187.19E-6	-0.84267	9.7144E-6
	-1.00000	-17.00000	-8.50000	-1.0908	-8.9310	-203.35E-6	-0.88276	10.176E-6
	0.00000	17.00000	-8.50000	-1.1729	-8.9310	-220.04E-6	-0.92325	10.643E-6
	1.00000	-17.00000	-8.50000	-1.2548	-8.9310	-237.06E-6	-0.96386	11.111E-6
	2.00000	-17.00000	-8.50000	-1.3360	-8.9310	-254.22E-6	-1.0043	11.576E-6
	3.00000	-17.00000	-8.50000	-1.4160	-8.9310	-271.30E-6	-1.0442	12.036E-6
	4.00000	-17.00000	-8.50000	-1.4943	-8.9310	-288.08E-6	-1.0833	12.487E-6
	5.00000	-17.00000	-8.50000	-1.5704	-8.9310	-304.36E-6	-1.1213	12.924E-6
	6.00000	-17.00000	-8.50000	-1.6437	-8.9310	-319.96E-6	-1.1578	13.346E-6
	7.00000	-17.00000	-8.50000	-1.7138	-8.9310	-334.72E-6	-1.1927	13.747E-6
	8.00000	-17.00000	-8.50000	-1.7803	-8.9310	-348.50E-6	-1.2256	14.127E-6
	9.00000	-17.00000	-8.50000	-1.8427	-8.9310	-361.22E-6	-1.2564	14.480E-6
	10.00000	-17.00000	-8.50000	-1.9007	-8.9310	-372.81E-6	-1.2849	14.810E-6
	11.00000	-17.00000	-8.50000	-1.9540	-8.9310	-383.24E-6	-1.3109	15.110E-6
	12.00000	-17.00000	-8.50000	-2.0024	-8.9310	-392.48E-6	-1.3344	15.380E-6
	13.00000	-17.00000	-8.50000	-2.0455	-8.9310	-400.56E-6	-1.3552	15.620E-6
	14.00000	-17.00000	-8.50000	-2.0831	-8.9310	-407.47E-6	-1.3733	15.828E-6
	15.00000	-17.00000	-8.50000	-2.1152	-8.9310	-413.25E-6	-1.3887	16.005E-6
	16.00000	-17.00000	-8.50000	-2.1415	-8.9310	-417.93E-6	-1.4012	16.150E-6
	17.00000	-17.00000	-8.50000	-2.1620	-8.9310	-421.53E-6	-1.4110	16.262E-6
	18.00000	-17.00000	-8.50000	-2.1765	-8.9310	-424.07E-6	-1.4179	16.342E-6
	19.00000	-17.00000	-8.50000	-2.1851	-8.9310	-425.57E-6	-1.4220	16.389E-6
	20.00000	-17.00000	-8.50000	-2.1877	-8.9310	-426.04E-6	-1.4232	16.403E-6
	21.00000	-17.00000	-8.50000	-2.1842	-8.9310	-425.50E-6	-1.4217	16.385E-6
	22.00000	-17.00000	-8.50000	-2.1748	-8.9310	-423.92E-6	-1.4172	16.334E-6
	23.00000	-17.00000	-8.50000	-2.1594	-8.9310	-421.31E-6	-1.4100	16.251E-6
	24.00000	-17.00000	-8.50000	-2.1380	-8.9310	-417.65E-6	-1.3999	16.135E-6
	25.00000	-17.00000	-8.50000	-2.1109	-8.9310	-412.90E-6	-1.3871	15.987E-6
	26.00000	-17.00000	-8.50000	-2.0780	-8.9310	-407.05E-6	-1.3714	15.806E-6
	27.00000	-17.00000	-8.50000	-2.0396	-8.9310	-400.07E-6	-1.3530	15.594E-6
	28.00000	-17.00000	-8.50000	-1.9957	-8.9310	-391.93E-6	-1.3319	15.351E-6
	29.00000	-17.00000	-8.50000	-1.9466	-8.9310	-382.63E-6	-1.3082	15.077E-6
	30.00000	-17.00000	-8.50000	-1.8926	-8.9310	-372.14E-6	-1.2819	14.774E-6
	31.00000	-17.00000	-8.50000	-1.8339	-8.9310	-360.49E-6	-1.2531	14.443E-6
	32.00000	-17.00000	-8.50000	-1.7708	-8.9310	-347.72E-6	-1.2221	14.086E-6
	33.00000	-17.00000	-8.50000	-1.7037	-8.9310	-333.89E-6	-1.1889	13.704E-6
	34.00000	-17.00000	-8.50000	-1.6330	-8.9310	-319.09E-6	-1.1539	13.300E-6
	35.00000	-17.00000	-8.50000	-1.5592	-8.9310	-303.45E-6	-1.1171	12.876E-6
	36.00000	-17.00000	-8.50000	-1.4826	-8.9310	-287.13E-6	-1.0790	12.437E-6
	37.00000	-17.00000	-8.50000	-1.4039	-8.9310	-270.31E-6	-1.0397	11.984E-6
	38.00000	-17.00000	-8.50000	-1.3236	-8.9310	-253.21E-6	-0.99964	11.523E-6
	39.00000	-17.00000	-8.50000	-1.2420	-8.9310	-236.04E-6	-0.95910	11.056E-6
	40.00000	-17.00000	-8.50000	-1.1598	-8.9310	-219.00E-6	-0.91840	10.587E-6
	41.00000	-17.00000	-8.50000	-1.0775	-8.9310	-202.31E-6	-0.87783	10.119E-6
	42.00000	-17.00000	-8.50000	-0.99557	-8.9310	-186.14E-6	-0.83770	9.6570E-6
	43.00000	-17.00000	-8.50000	-0.91439	-8.9310	-170.66E-6	-0.79824	9.2024E-6
	44.00000	-17.00000	-8.50000	-0.83441	-8.9310	-155.97E-6	-0.75968	8.7582E-6
	45.00000	-17.00000	-8.50000	-0.75599	-8.9310	-142.16E-6	-0.72222	8.3265E-6
	46.00000	-17.00000	-8.50000	-0.67945	-8.9310	-129.29E-6	-0.68600	7.9090E-6
	47.00000	-17.00000	-8.50000	-0.60505	-8.9310	-117.37E-6	-0.65112	7.5072E-6
	48.00000	-17.00000	-8.50000	-0.53304	-8.9310	-106.41E-6	-0.61768	7.1218E-6
	49.00000	-17.00000	-8.50000	-0.46358	-8.9310	-96.385E-6	-0.58573	6.7535E-6
	50.00000	-17.00000	-8.50000	-0.39682	-8.9310	-87.248E-6	-0.55527	6.4025E-6
	51.00000	-17.00000	-8.50000	-0.33285	-8.9310	-78.953E-6	-0.52633	6.0688E-6
	52.00000	-17.00000	-8.50000	-0.27174	-8.9310	-71.445E-6	-0.49887	5.7524E-6
	53.00000	-17.00000	-8.50000	-0.21354	-8.9310	-64.665E-6	-0.47287	5.4526E-6
	54.00000	-17.00000	-8.50000	-0.15824	-8.9310	-58.551E-6	-0.44828	5.1692E-6
	55.00000	-17.00000	-8.50000	-0.10584	-8.9310	-53.046E-6	-0.42506	4.9015E-6
	56.00000	-17.00000	-8.50000	-0.056298	-8.9310	-48.093E-6	-0.40314	4.6489E-6
	57.00000	-17.00000	-8.50000	-0.00095745	-8.9310	-43.638E-6	-0.38247	4.4106E-6
	58.00000	-17.00000	-8.50000	0.034394	-8.9310	-39.631E-6	-0.36300	4.1861E-6
	59.00000	-17.00000	-8.50000	0.075678	-8.9310	-36.028E-6	-0.34464	3.9745E-6
	60.00000	-17.00000	-8.50000	0.11436	-8.9310	-32.787E-6	-0.32735	3.7751E-6
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	-17.00000	-16.00000	-8.50000	-0.064232	-8.9310	-48.460E-6	-0.40558	4.6770E-6
	-16.00000	-16.00000	-8.50000	-0.11548	-8.9310	-53.589E-6	-0.42823	4.9381E-6
	-15.00000	-16.00000	-8.50000	-0.16987	-8.9310	-59.322E-6	-0.45232	5.2158E-6
	-14.00000	-16.00000	-8.50000	-0.22745	-8.9310	-65.730E-6	-0.47793	5.5110E-6
	-13.00000	-16.00000	-8.50000	-0.28827	-8.9310	-72.889E-6	-0.50513	5.8245E-6
	-12.00000	-16.00000	-8.50000	-0.35237	-8.9310	-80.881E-6	-0.53399	6.1572E-6
	-11.00000	-16.00000	-8.50000	-0.41974	-8.9310	-89.791E-6	-0.56458	6.5098E-6
	-10.00000	-16.00000	-8.50000	-0.49036	-8.9310	-99.704E-6	-0.59695	6.8828E-6
	-9.00000	-16.00000	-8.50000	-0.56417	-8.9310	-110.71E-6	-0.63113	7.2767E-6
	-8.00000	-16.00000	-8.50000	-0.64107	-8.9310	-122.87E-6	-0.66714	7.6917E-6
	-7.00000	-16.00000	-8.50000	-0.72092	-8.9310	-136.27E-6	-0.70496	8.1276E-6
	-6.00000	-16.00000	-8.50000	-0.80353	-8.9310	-150.95E-6	-0.74457	8.5839E-6
	-5.00000	-16.00000	-8.50000	-0.88865	-8.9310	-166.94E-6	-0.78587	9.0598E-6
	-4.00000	-16.00000	-8.50000	-0.97598	-8.9310	-184.21E-6	-0.82874	9.5537E-6
	-3.00000	-16.00000	-8.50000	-1.0652	-8.9310	-202.71E-6	-0.87301	10.064E-6
	-2.00000	-16.00000	-8.50000	-1.1558	-8.9310	-222.33E-6	-0.91846	10.587E-6
	-1.00000	-16.00000	-8.50000	-1.2474	-8.9310	-242.93E-6	-0.96483	11.122E-6
	0.00000	-16.00000	-8.50000	-1.3394	-8.9310	-264.28E-6	-1.0118	11.663E-6
	1.00000	-16.00000	-8.50000	-1.4314	-8.9310	-286.14E-6	-1.0590	12.207E-6
	2.00000	-16.00000	-8.50000	-1.5226	-8.9310	-308.22E-6	-1.1061	12.749E-6
	3.00000	-16.00000	-8.50000	-1.6125	-8.9310	-330.21E-6	-1.1526	13.285E-6
	4.00000	-16.00000	-8.50000	-1.7006	-8.9310	-351.81E-6	-1.1982	13.810E-6
	5.00000	-16.00000	-8.50000	-1.7861	-8.9310	-372.72E-6	-1.2425	14.320E-6
	6.00000	-16.00000	-8.50000	-1.8685	-8.9310	-392.69E-6	-1.2851	14.811E-6
	7.00000	-16.00000	-8.50000	-1.9473	-8.9310	-411.51E-6	-1.3256	15.278E-6
	8.00000	-16.00000	-8.50000	-2.0220	-8.9310	-429.00E-6	-1.3639	15.719E-6
	9.00000	-16.00000	-8.50000	-2.0921	-8.9310	-445.05E-6	-1.3996	16.130E-6
	10.00000	-16.00000	-8.50000	-2.1572	-8.9310	-459.60E-6	-1.4326	16.510E-6
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	12.00000	-16.00000	-8.50000	-2.2711	-8.9310	-484.07E-6	-1.4897	17.168E-6
	13.00000	-16.00000	-8.50000	-2.3193	-8.9310	-494.03E-6	-1.5136	17.443E-6
	14.00000	-16.00000	-8.50000	-2.3614	-8.9310	-502.52E-6	-1.5344	17.683E-6
	15.00000	-16.00000	-8.50000	-2.3972	-8.9310	-509.58E-6	-1.5520	17.885E-6
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	17.00000	-16.00000	-8.50000	-2.4495	-8.9310	-519.63E-6	-1.5775	18.179E-6
	18.00000	-16.00000	-8.50000	-2.4657	-8.9310	-522.71E-6	-1.5854	18.270E-6
	19.00000	-16.00000	-8.50000	-2.4753	-8.9310	-524.52E-6	-1.5900	18.324E-6
	20.00000	-16.00000	-8.50000	-2.4781	-8.9310	-525.10E-6	-1.5915	18.340E-6
	21.00000	-16.00000	-8.50000	-2.4743	-8.9310	-524.44E-6	-1.5897	18.320E-6
	22.00000	-16.00000	-8.50000	-2.4638	-8.9310	-522.54E-6	-1.5846	18.262E-6
	23.00000	-16.00000	-8.50000	-2.4466	-8.9310	-519.39E-6	-1.5764	18.167E-6
	24.00000	-16.00000	-8.50000	-2.4228	-8.9310	-514.94E-6	-1.5649	18.034E-6
	25.00000	-16.00000	-8.50000	-2.3925	-8.9310	-509.17E-6	-1.5502	17.865E-6
	26.00000	-16.00000	-8.50000	-2.3558	-8.9310	-502.03E-6	-1.5322	17.658E-6
	27.00000	-16.00000	-8.50000	-2.3128	-8.9310	-493.46E-6	-1.5111	17.415E-6
	28.00000	-16.00000	-8.50000	-2.2637	-8.9310	-483.43E-6	-1.4869	17.135E-6
	29.00000	-16.00000	-8.50000	-2.2088	-8.9310	-471.88E-6	-1.4595	16.820E-6
	30.00000	-16.00000	-8.50000	-2.1482	-8.9310	-458.81E-6	-1.4291	16.470E-6
	31.00000	-16.00000	-8.50000	-2.0823	-8.9310	-444.20E-6	-1.3959	16.087E-6
	32.00000	-16.00000	-8.50000	-2.0115	-8.9310	-428.08E-6	-1.3599	15.673E-6
	33.00000	-16.00000	-8.50000	-1.9362	-8.9310	-410.53E-6	-1.3214	15.229E-6
	34.00000	-16.00000	-8.50000	-1.8567	-8.9310	-391.66E-6	-1.2806	14.759E-6
	35.00000	-16.00000	-8.50000	-1.7737	-8.9310	-371.65E-6	-1.2378	14.266E-6
	36.00000	-16.00000	-8.50000	-1.6877	-8.9310	-350.69E-6	-1.1933	13.754E-6
	37.00000	-16.00000	-8.50000	-1.5992	-8.9310	-329.06E-6	-1.1475	13.226E-6
	38.00000	-16.00000	-8.50000	-1.5088	-8.9310	-307.04E-6	-1.1009	12.689E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	39.00000	-16.00000	-8.50000	-1.4172	-8.9310	-284.94E-6	-1.0537	12.145E-6
	40.00000	-16.00000	-8.50000	-1.3250	-8.9310	-263.06E-6	-1.0064	11.600E-6
	41.00000	-16.00000	-8.50000	-1.2327	-8.9310	-241.70E-6	-0.95932	11.058E-6
	42.00000	-16.00000	-8.50000	-1.1410	-8.9310	-221.11E-6	-0.91290	10.523E-6
	43.00000	-16.00000	-8.50000	-1.0503	-8.9310	-201.49E-6	-0.86742	9.9994E-6
	44.00000	-16.00000	-8.50000	-0.96103	-8.9310	-183.00E-6	-0.82315	9.4893E-6
	45.00000	-16.00000	-8.50000	-0.87372	-8.9310	-165.75E-6	-0.78030	8.9956E-6
	46.00000	-16.00000	-8.50000	-0.78867	-8.9310	-149.79E-6	-0.73904	8.5202E-6
	47.00000	-16.00000	-8.50000	-0.70618	-8.9310	-135.14E-6	-0.69950	8.0646E-6
	48.00000	-16.00000	-8.50000	-0.62650	-8.9310	-121.77E-6	-0.66175	7.6296E-6
	49.00000	-16.00000	-8.50000	-0.54981	-8.9310	-109.64E-6	-0.62584	7.2157E-6
	50.00000	-16.00000	-8.50000	-0.47626	-8.9310	-98.673E-6	-0.59177	6.8231E-6
	51.00000	-16.00000	-8.50000	-0.40593	-8.9310	-88.801E-6	-0.55952	6.4514E-6
	52.00000	-16.00000	-8.50000	-0.33888	-8.9310	-79.935E-6	-0.52907	6.1004E-6
	53.00000	-16.00000	-8.50000	-0.27514	-8.9310	-71.987E-6	-0.50035	5.7694E-6
	54.00000	-16.00000	-8.50000	-0.21470	-8.9310	-64.873E-6	-0.47329	5.4576E-6
	55.00000	-16.00000	-8.50000	-0.15752	-8.9310	-58.510E-6	-0.44784	5.1642E-6
	56.00000	-16.00000	-8.50000	-0.10355	-8.9310	-52.822E-6	-0.42391	4.8883E-6
	57.00000	-16.00000	-8.50000	-0.052730	-8.9310	-47.737E-6	-0.40142	4.6290E-6
	58.00000	-16.00000	-8.50000	-0.0049755	-8.9310	-43.191E-6	-0.38029	4.3855E-6
	59.00000	-16.00000	-8.50000	0.039805	-8.9310	-39.125E-6	-0.36045	4.156?E-6
	60.00000	-16.00000	-8.50000	0.081711	-8.9310	-35.485E-6	-0.34181	3.9418E-6
	-20.00000	-15.00000	-8.50000	0.036547	-8.9310	-39.070E-6	-0.36083	4.1611E-6
	-19.00000	-15.00000	-8.50000	-0.0092764	-8.9310	-43.204E-6	-0.38111	4.3949E-6
	-18.00000	-15.00000	-8.50000	-0.058270	-8.9310	-47.842E-6	-0.40275	4.6444E-6
	-17.00000	-15.00000	-8.50000	-0.11055	-8.9310	-53.053E-6	-0.42586	4.9107E-6
	-16.00000	-15.00000	-8.50000	-0.16623	-8.9310	-58.912E-6	-0.45052	5.1951E-6
	-15.00000	-15.00000	-8.50000	-0.22542	-8.9310	-65.503E-6	-0.47685	5.4986E-6
	-14.00000	-15.00000	-8.50000	-0.28819	-8.9310	-72.921E-6	-0.50495	5.8225E-6
	-13.00000	-15.00000	-8.50000	-0.35462	-8.9310	-81.269E-6	-0.53491	6.1678E-6
	-12.00000	-15.00000	-8.50000	-0.42477	-8.9310	-90.660E-6	-0.56684	6.5358E-6
	-11.00000	-15.00000	-8.50000	-0.49865	-8.9310	-101.21E-6	-0.60083	6.9275E-6
	-10.00000	-15.00000	-8.50000	-0.57627	-8.9310	-113.06E-6	-0.63695	7.3438E-6
	-9.00000	-15.00000	-8.50000	-0.65758	-8.9310	-126.32E-6	-0.67529	7.7856E-6
	-8.00000	-15.00000	-8.50000	-0.74249	-8.9310	-141.12E-6	-0.71587	8.2532E-6
	-7.00000	-15.00000	-8.50000	-0.83086	-8.9310	-157.57E-6	-0.75871	8.7469E-6
	-6.00000	-15.00000	-8.50000	-0.92250	-8.9310	-175.76E-6	-0.80379	9.2662E-6
	-5.00000	-15.00000	-8.50000	-1.0171	-8.9310	-195.75E-6	-0.85103	9.8105E-6
	-4.00000	-15.00000	-8.50000	-1.1145	-8.9310	-217.54E-6	-0.90031	10.378E-6
	-3.00000	-15.00000	-8.50000	-1.2141	-8.9310	-241.08E-6	-0.95143	10.967E-6
	-2.00000	-15.00000	-8.50000	-1.3155	-8.9310	-266.25E-6	-1.0041	11.574E-6
	-1.00000	-15.00000	-8.50000	-1.4182	-8.9310	-292.83E-6	-1.0581	12.196E-6
	0.00000	-15.00000	-8.50000	-1.5216	-8.9310	-320.54E-6	-1.1129	12.827E-6
	1.00000	-15.00000	-8.50000	-1.6249	-8.9310	-349.02E-6	-1.1682	13.464E-6
	2.00000	-15.00000	-8.50000	-1.7276	-8.9310	-377.85E-6	-1.2234	14.100E-6
	3.00000	-15.00000	-8.50000	-1.8289	-8.9310	-406.58E-6	-1.2780	14.729E-6
	4.00000	-15.00000	-8.50000	-1.9281	-8.9310	-434.77E-6	-1.3315	15.345E-6
	5.00000	-15.00000	-8.50000	-2.0245	-8.9310	-462.00E-6	-1.3835	15.944E-6
	6.00000	-15.00000	-8.50000	-2.1173	-8.9310	-487.89E-6	-1.4334	16.519E-6
	7.00000	-15.00000	-8.50000	-2.2060	-8.9310	-512.16E-6	-1.4809	17.065E-6
	8.00000	-15.00000	-8.50000	-2.2900	-8.9310	-534.59E-6	-1.5256	17.580E-6
	9.00000	-15.00000	-8.50000	-2.3688	-8.9310	-555.04E-6	-1.5672	18.059E-6
	10.00000	-15.00000	-8.50000	-2.4419	-8.9310	-573.44E-6	-1.6055	18.500E-6
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	12.00000	-15.00000	-8.50000	-2.5696	-8.9310	-604.08E-6	-1.6716	19.262E-6
	13.00000	-15.00000	-8.50000	-2.6236	-8.9310	-616.42E-6	-1.6992	19.580E-6
	14.00000	-15.00000	-8.50000	-2.6707	-8.9310	-626.88E-6	-1.7231	19.855E-6
	15.00000	-15.00000	-8.50000	-2.7107	-8.9310	-635.53E-6	-1.7432	20.088E-6
	16.00000	-15.00000	-8.50000	-2.7435	-8.9310	-642.48E-6	-1.7597	20.277E-6
	17.00000	-15.00000	-8.50000	-2.7690	-8.9310	-647.78E-6	-1.7724	20.424E-6
	18.00000	-15.00000	-8.50000	-2.7871	-8.9310	-651.50E-6	-1.7815	20.528E-6
	19.00000	-15.00000	-8.50000	-2.7978	-8.9310	-653.70E-6	-1.7868	20.590E-6
	20.00000	-15.00000	-8.50000	-2.8010	-8.9310	-654.40E-6	-1.7885	20.609E-6
	21.00000	-15.00000	-8.50000	-2.7967	-8.9310	-653.60E-6	-1.7864	20.585E-6
	22.00000	-15.00000	-8.50000	-2.7850	-8.9310	-651.31E-6	-1.7807	20.519E-6
	23.00000	-15.00000	-8.50000	-2.7658	-8.9310	-647.49E-6	-1.7712	20.410E-6
	24.00000	-15.00000	-8.50000	-2.7393	-8.9310	-642.09E-6	-1.7581	20.259E-6
	25.00000	-15.00000	-8.50000	-2.7055	-8.9310	-635.05E-6	-1.7412	20.065E-6
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	27.00000	-15.00000	-8.50000	-2.6164	-8.9310	-615.75E-6	-1.6964	19.548E-6
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	29.00000	-15.00000	-8.50000	-2.4999	-8.9310	-588.93E-6	-1.6368	18.861E-6
	30.00000	-15.00000	-8.50000	-2.4320	-8.9310	-572.51E-6	-1.6016	18.456E-6
	31.00000	-15.00000	-8.50000	-2.3580	-8.9310	-554.03E-6	-1.5630	18.011E-6
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	33.00000	-15.00000	-8.50000	-2.1937	-8.9310	-511.01E-6	-1.4761	17.010E-6
	34.00000	-15.00000	-8.50000	-2.1043	-8.9310	-486.68E-6	-1.4284	16.460E-6
	35.00000	-15.00000	-8.50000	-2.0108	-8.9310	-460.72E-6	-1.3782	15.883E-6
	36.00000	-15.00000	-8.50000	-1.9138	-8.9310	-433.45E-6	-1.3260	15.282E-6
	37.00000	-15.00000	-8.50000	-1.8141	-8.9310	-405.22E-6	-1.2723	14.663E-6
	38.00000	-15.00000	-8.50000	-1.7124	-8.9310	-376.45E-6	-1.2175	14.032E-6
	39.00000	-15.00000	-8.50000	-1.6093	-8.9310	-347.60E-6	-1.1622	13.395E-6
	40.00000	-15.00000	-8.50000	-1.5056	-8.9310	-319.10E-6	-1.1068	12.757E-6
	41.00000	-15.00000	-8.50000	-1.4020	-8.9310	-291.38E-6	-1.0519	12.125E-6
	42.00000	-15.00000	-8.50000	-1.2992	-8.9310	-264.80E-6	-0.99790	11.502E-6
	43.00000	-15.00000	-8.50000	-1.1976	-8.9310	-239.64E-6	-0.94517	10.895E-6
	44.00000	-15.00000	-8.50000	-1.0980	-8.9310	-216.12E-6	-0.89406	10.306E-6
	45.00000	-15.00000	-8.50000	-1.0007	-8.9310	-194.35E-6	-0.84481	9.7388E-6
	46.00000	-15.00000	-8.50000	-0.90613	-8.9310	-174.39E-6	-0.79762	9.1952E-6
	47.00000	-15.00000	-8.50000	-0.81464	-8.9310	-156.24E-6	-0.75262	8.6767E-6
	48.00000	-15.00000	-8.50000	-0.72647	-8.9310	-139.83E-6	-0.70988	8.1841E-6
	49.00000	-15.00000	-8.50000	-0.64181	-8.9310	-125.07E-6	-0.66941	7.7178E-6
	50.00000	-15.00000	-8.50000	-0.56080	-8.9310	-111.86E-6	-0.63121	7.2776E-6
	51.00000	-15.00000	-8.50000	-0.48352	-8.9310	-100.07E-6	-0.59523	6.8630E-6
	52.00000	-15.00000	-8.50000	-0.41001	-8.9310	-89.569E-6	-0.56140	6.4731E-6
	53.00000	-15.00000	-8.50000	-0.34027	-8.9310	-80.232E-6	-0.52964	6.1070E-6
	54.00000	-15.00000	-8.50000	-0.27426	-8.9310	-71.939E-6	-0.49985	5.7637E-6
	55.00000	-15.00000	-8.50000	-0.21194	-8.9310	-64.579E-6	-0.47194	5.4420E-6
	56.00000	-15.00000	-8.50000	-0.15323	-8.9310	-58.038E-6	-0.44580	5.1406E-6
	57.00000	-15.00000	-8.50000	-0.098035	-8.9310	-52.232E-6	-0.42132	4.8584E-6
	58.00000	-15.00000	-8.50000	-0.046246	-8.9310	-47.072E-6	-0.39840	4.594?E-6

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	18.00000	-14.00000	-8.50000	-3.1451	-8.9310	-822.32E-6	-2.0130	23.193E-6
	19.00000	-14.00000	-8.50000	-3.1570	-8.9310	-824.98E-6	-2.0191	23.263E-6
	20.00000	-14.00000	-8.50000	-3.1606	-8.9310	-825.82E-6	-2.0210	23.285E-6
	21.00000	-14.00000	-8.50000	-3.1558	-8.9310	-824.86E-6	-2.0187	23.258E-6
	22.00000	-14.00000	-8.50000	-3.1428	-8.9310	-822.09E-6	-2.0121	23.183E-6
	23.00000	-14.00000	-8.50000	-3.1214	-8.9310	-817.46E-6	-2.0013	23.058E-6
	24.00000	-14.00000	-8.50000	-3.0918	-8.9310	-810.89E-6	-1.9863	22.885E-6
	25.00000	-14.00000	-8.50000	-3.0541	-8.9310	-802.30E-6	-1.9670	22.663E-6
	26.00000	-14.00000	-8.50000	-3.0083	-8.9310	-791.55E-6	-1.9433	22.390E-6
	27.00000	-14.00000	-8.50000	-2.9545	-8.9310	-778.52E-6	-1.9153	22.068E-6
	28.00000	-14.00000	-8.50000	-2.8930	-8.9310	-763.04E-6	-1.8830	21.696E-6
	29.00000	-14.00000	-8.50000	-2.8240	-8.9310	-744.99E-6	-1.8464	21.273E-6
	30.00000	-14.00000	-8.50000	-2.7478	-8.9310	-724.22E-6	-1.8054	20.802E-6
	31.00000	-14.00000	-8.50000	-2.6647	-8.9310	-700.66E-6	-1.7604	20.283E-6
	32.00000	-14.00000	-8.50000	-2.5752	-8.9310	-674.26E-6	-1.7113	19.718E-6
	33.00000	-14.00000	-8.50000	-2.4797	-8.9310	-645.08E-6	-1.6585	19.110E-6
	34.00000	-14.00000	-8.50000	-2.3788	-8.9310	-613.28E-6	-1.6023	18.462E-6
	35.00000	-14.00000	-8.50000	-2.2733	-8.9310	-579.15E-6	-1.5431	17.781E-6
	36.00000	-14.00000	-8.50000	-2.1639	-8.9310	-543.10E-6	-1.4814	17.070E-6
	37.00000	-14.00000	-8.50000	-2.0514	-8.9310	-505.65E-6	-1.4179	16.339E-6
	38.00000	-14.00000	-8.50000	-1.9365	-8.9310	-467.44E-6	-1.3530	15.592E-6
	39.00000	-14.00000	-8.50000	-1.8203	-8.9310	-429.13E-6	-1.2877	14.839E-6
	40.00000	-14.00000	-8.50000	-1.7034	-8.9310	-391.40E-6	-1.2224	14.087E-6
	41.00000	-14.00000	-8.50000	-1.5869	-8.9310	-354.86E-6	-1.1578	13.343E-6
	42.00000	-14.00000	-8.50000	-1.4713	-8.9310	-320.05E-6	-1.0945	12.614E-6
	43.00000	-14.00000	-8.50000	-1.3575	-8.9310	-287.35E-6	-1.0329	11.906E-6
	44.00000	-14.00000	-8.50000	-1.2461	-8.9310	-257.05E-6	-0.97357	11.222E-6
	45.00000	-14.00000	-8.50000	-1.1376	-8.9310	-229.29E-6	-0.91668	10.567E-6
	46.00000	-14.00000	-8.50000	-1.0323	-8.9310	-204.10E-6	-0.86247	9.9422E-6
	47.00000	-14.00000	-8.50000	-0.93082	-8.9310	-181.42E-6	-0.81106	9.3499E-6
	48.00000	-14.00000	-8.50000	-0.83324	-8.9310	-161.14E-6	-0.76249	8.7904E-6
	49.00000	-14.00000	-8.50000	-0.73979	-8.9310	-143.10E-6	-0.71678	8.2636E-6
	50.00000	-14.00000	-8.50000	-0.65060	-8.9310	-127.11E-6	-0.67385	7.7690E-6
	51.00000	-14.00000	-8.50000	-0.56573	-8.9310	-112.97E-6	-0.63363	7.3055E-6
	52.00000	-14.00000	-8.50000	-0.48519	-8.9310	-100.50E-6	-0.59600	6.8719E-6
	53.00000	-14.00000	-8.50000	-0.40895	-8.9310	-89.511E-6	-0.56085	6.4667E-6
	54.00000	-14.00000	-8.50000	-0.33696	-8.9310	-79.829E-6	-0.52802	6.0884E-6
	55.00000	-14.00000	-8.50000	-0.26912	-8.9310	-71.300E-6	-0.49740	5.7354E-6
	56.00000	-14.00000	-8.50000	-0.20533	-8.9310	-63.782E-6	-0.46883	5.4061E-6
	57.00000	-14.00000	-8.50000	-0.14546	-8.9310	-57.151E-6	-0.44218	5.0989E-6
	58.00000	-14.00000	-8.50000	-0.089388	-8.9310	-51.295E-6	-0.41732	4.8123E-6
	59.00000	-14.00000	-8.50000	-0.036959	-8.9310	-46.118E-6	-0.39413	4.5450E-6
	60.00000	-14.00000	-8.50000	0.011973	-8.9310	-41.535E-6	-0.37248	4.2954E-6
	-20.00000	-13.00000	-8.50000	-0.037964	-8.9310	-45.761E-6	-0.39338	4.5364E-6
	-19.00000	-13.00000	-8.50000	-0.091325	-8.9310	-50.966E-6	-0.41694	4.8088E-6
	-18.00000	-13.00000	-8.50000	-0.14854	-8.9310	-56.873E-6	-0.44225	5.0997E-6
	-17.00000	-13.00000	-8.50000	-0.20978	-8.9310	-63.589E-6	-0.46946	5.4134E-6
	-16.00000	-13.00000	-8.50000	-0.27522	-8.9310	-71.238E-6	-0.49871	5.7506E-6
	-15.00000	-13.00000	-8.50000	-0.34503	-8.9310	-79.963E-6	-0.53019	6.1134E-6
	-14.00000	-13.00000	-8.50000	-0.41936	-8.9310	-89.929E-6	-0.56405	6.5036E-6
	-13.00000	-13.00000	-8.50000	-0.49836	-8.9310	-101.32E-6	-0.60048	6.9235E-6
	-12.00000	-13.00000	-8.50000	-0.58214	-8.9310	-114.37E-6	-0.63966	7.3750E-6
	-11.00000	-13.00000	-8.50000	-0.67081	-8.9310	-129.29E-6	-0.68178	7.8604E-6
	-10.00000	-13.00000	-8.50000	-0.76441	-8.9310	-146.37E-6	-0.72703	8.3818E-6
	-9.00000	-13.00000	-8.50000	-0.86298	-8.9310	-165.88E-6	-0.77556	8.9409E-6
	-8.00000	-13.00000	-8.50000	-0.96646	-8.9310	-188.14E-6	-0.82752	9.5396E-6
	-7.00000	-13.00000	-8.50000	-1.0748	-8.9310	-213.43E-6	-0.88303	10.179E-6
	-6.00000	-13.00000	-8.50000	-1.1877	-8.9310	-242.05E-6	-0.94213	10.860E-6
	-5.00000	-13.00000	-8.50000	-1.3050	-8.9310	-274.21E-6	-1.0048	11.582E-6
	-4.00000	-13.00000	-8.50000	-1.4263	-8.9310	-310.07E-6	-1.0710	12.344E-6
	-3.00000	-13.00000	-8.50000	-1.5510	-8.9310	-349.66E-6	-1.1404	13.143E-6
	-2.00000	-13.00000	-8.50000	-1.6787	-8.9310	-392.81E-6	-1.2127	13.975E-6
	-1.00000	-13.00000	-8.50000	-1.8086	-8.9310	-439.19E-6	-1.2874	14.836E-6
	0.00000	-13.00000	-8.50000	-1.9398	-8.9310	-488.22E-6	-1.3639	15.717E-6
	1.00000	-13.00000	-8.50000	-2.0714	-8.9310	-539.11E-6	-1.4415	16.610E-6
	2.00000	-13.00000	-8.50000	-2.2024	-8.9310	-590.93E-6	-1.5193	17.506E-6
	3.00000	-13.00000	-8.50000	-2.3319	-8.9310	-642.63E-6	-1.5965	18.395E-6
	4.00000	-13.00000	-8.50000	-2.4586	-8.9310	-693.18E-6	-1.6721	19.265E-6
	5.00000	-13.00000	-8.50000	-2.5818	-8.9310	-741.62E-6	-1.7454	20.109E-6
	6.00000	-13.00000	-8.50000	-2.7003	-8.9310	-787.16E-6	-1.8155	20.916E-6
	7.00000	-13.00000	-8.50000	-2.8134	-8.9310	-829.23E-6	-1.8818	21.679E-6
	8.00000	-13.00000	-8.50000	-2.9202	-8.9310	-867.45E-6	-1.9438	22.393E-6
	9.00000	-13.00000	-8.50000	-3.0201	-8.9310	-901.68E-6	-2.0012	23.054E-6
	10.00000	-13.00000	-8.50000	-3.1125	-8.9310	-931.90E-6	-2.0536	23.658E-6
	11.00000	-13.00000	-8.50000	-3.1970	-8.9310	-958.23E-6	-2.1009	24.203E-6
	12.00000	-13.00000	-8.50000	-3.2733	-8.9310	-980.89E-6	-2.1431	24.688E-6
	13.00000	-13.00000	-8.50000	-3.3410	-8.9310	-0.0010001	-2.1800	25.114E-6
	14.00000	-13.00000	-8.50000	-3.3998	-8.9310	-0.0010161	-2.2119	25.480E-6
	15.00000	-13.00000	-8.50000	-3.4498	-8.9310	-0.0010292	-2.2386	25.788E-6
	16.00000	-13.00000	-8.50000	-3.4906	-8.9310	-0.0010396	-2.2603	26.038E-6
	17.00000	-13.00000	-8.50000	-3.5223	-8.9310	-0.0010475	-2.2770	26.231E-6
	18.00000	-13.00000	-8.50000	-3.5448	-8.9310	-0.0010530	-2.2888	26.367E-6
	19.00000	-13.00000	-8.50000	-3.5581	-8.9310	-0.0010562	-2.2958	26.447E-6
	20.00000	-13.00000	-8.50000	-3.5621	-8.9310	-0.0010572	-2.2980	26.472E-6
	21.00000	-13.00000	-8.50000	-3.5568	-8.9310	-0.0010561	-2.2953	26.442E-6
	22.00000	-13.00000	-8.50000	-3.5423	-8.9310	-0.0010527	-2.2878	26.355E-6
	23.00000	-13.00000	-8.50000	-3.5185	-8.9310	-0.0010471	-2.2755	26.213E-6
	24.00000	-13.00000	-8.50000	-3.4855	-8.9310	-0.0010391	-2.2582	26.015E-6
	25.00000	-13.00000	-8.50000	-3.4434	-8.9310	-0.0010286	-2.2361	25.759E-6
	26.00000	-13.00000	-8.50000	-3.3923	-8.9310	-0.0010153	-2.2088	25.446E-6
	27.00000	-13.00000	-8.50000	-3.3322	-8.9310	-999.18E-6	-2.1765	25.073E-6
	28.00000	-13.00000	-8.50000	-3.2633	-8.9310	-979.84E-6	-2.1391	24.642E-6
	29.00000	-13.00000	-8.50000	-3.1860	-8.9310	-957.06E-6	-2.0965	24.151E-6
	30.00000	-13.00000	-8.50000	-3.1003	-8.9310	-930.60E-6	-2.0487	23.601E-6
	31.00000	-13.00000	-8.50000	-3.0069	-8.9310	-900.26E-6	-1.9959	22.993E-6
	32.00000	-13.00000	-8.50000	-2.9060	-8.9310	-865.93E-6	-1.9381	22.328E-6
	33.00000	-13.00000	-8.50000	-2.7982	-8.9310	-827.61E-6	-1.8757	21.609E-6
	34.00000	-13.00000	-8.50000	-2.6843	-8.9310	-785.45E-6	-1.8091	20.842E-6
	35.00000	-13.00000	-8.50000	-2.5650	-8.9310	-739.82E-6	-1.7387	20.031E-6
	36.00000	-13.00000	-8.50000	-2.4412	-8.9310	-691.32E-6	-1.6651	19.185E-6
	37.00000	-13.00000	-8.50000	-2.3137	-8.9310	-640.71E-6	-1.5893	18.311E-6
	38.00000	-13.00000	-8.50000	-2.1838	-8.9310	-588.96E-6	-1.5119	17.420E-6
	39.00000	-13.00000	-8.50000	-2.0523	-8.9310	-537.11E-6	-1.4339	16.523E-6
	40.00000	-13.00000	-8.50000	-1.9203	-8.9310	-486.20E-6	-1.3562	15.628E-6
	41.00000	-13.00000	-8.50000	-1.7888	-8.9310	-437.16E-6	-1.2796	14.746E-6
	42.00000	-13.00000	-8.50000	-1.6588	-8.9310	-390.79E-6	-1.2048	13.885E-6
	43.00000	-13.00000	-8.50000	-1.5310	-8.9310	-347.65E-6	-1.1325	13.052E-6
	44.00000	-13.00000	-8.50000	-1.4062	-8.9310	-308.10E-6	-1.0631	12.253E-6
	45.00000	-13.00000	-8.50000	-1.2850	-8.9310	-272.27E-6	-0.99699	11.492E-6
	46.00000	-13.00000	-8.50000	-1.1678	-8.9310	-240.16E-6	-0.93440	10.771E-6
	47.00000	-13.00000	-8.50000	-1.0551	-8.9310	-211.60E-6	-0.87543	10.091E-6
	48.00000	-13.00000	-8.50000	-0.94708	-8.9310	-186.37E-6	-0.82007	9.4537E-6
	49.00000	-13.00000	-8.50000	-0.84395	-8.9310	-164.19E-6	-0.76828	8.8570E-6
	50.00000	-13.00000	-8.50000	-0.74579	-8.9310	-144.75E-6	-0.71994	8.3000E-6
	51.00000	-13.00000	-8.50000	-0.65263	-8.9310	-127.75E-6	-0.67490	7.7811E-6
	52.00000	-13.00000	-8.50000	-0.56446	-8.9310	-112.90E-6	-0.63300	7.2983E-6
	53.00000	-13.00000	-8.50000	-0.48120	-8.9310	-99.944E-6	-0.59405	6.8494E-6
	54.00000	-13.00000	-8.50000	-0.40277	-8.9310	-88.629E-6	-0.55786	6.4323E-6
	55.00000	-13.00000	-8.50000	-0.32901	-8.9310	-78.742E-6	-0.52425	6.0449E-6
	56.00000	-13.00000	-8.50000	-0.25981	-8.9310	-70.096E-6	-0.49303	5.6850E-6
	57.00000	-13.00000	-8.50000	-0.19498	-8.9310	-62.523E-6	-0.46402	5.3507E-6
	58.00000	-13.00000	-8.50000	-0.13435	-8.9310	-55.880E-6	-0.43706	5.0399E-6
	59.00000	-13.00000	-8.50000	-0.077766	-8.9310	-50.043E-6	-0.41200	4.7510E-6
	60.00000	-13.00000	-8.50000	-0.025029	-8.9310	-44.905E-6	-0.38868	4.4822E-6
	-20.00000	-12.00000	-8.50000	-0.077368	-8.9310	-49.482E-6	-0.41056	4.7344E-6
	-19.00000	-12.00000	-8.50000	-0.13480	-8.9310	-55.316E-6	-0.43594	5.0270E-6
	-18.00000	-12.00000	-8.50000	-0.19647	-8.9310	-61.974E-6	-0.46329	5.3423E-6
	-17.00000	-12.00000	-8.50000	-0.26259	-8.9310	-69.592E-6	-0.49280	5.6824E-6
	-16.00000	-12.00000	-8.50000	-0.33338	-8.9310	-78.327E-6	-0.52465	6.0496E-6
	-15.00000	-12.00000	-8.50000	-0.40904	-8.9310	-88.365E-6	-0.55906	6.4462E-6
	-14.00000	-12.00000	-8.50000	-0.48977	-8.9310	-99.924E-6	-0.59625	6.8747E-6
	-13.00000	-12.00000	-8.50000	-0.57577	-8.9310	-113.26E-6	-0.63644	7.3380E-6
	-12.00000	-12.00000	-8.50000	-0.66719	-8.9310	-128.66E-6	-0.67990	7.8387E-6
	-11.00000	-12.00000	-8.50000	-0.76420	-8.9310	-146.46E-6	-0.72688	8.3800E-6
	-10.00000	-12.00000	-8.50000	-0.86690	-8.9310	-167.07E-6	-0.77763	8.9647E-6
	-9.00000	-12.00000	-8.50000	-0.97536	-8.9310	-190.89E-6	-0.83240	9.5958E-6
	-8.00000	-12.00000	-8.50000	-1.0896	-8.9310	-218.39E-6	-0.89144	10.276E-6
	-7.00000	-12.00000	-8.50000	-1.2095	-8.9310	-250.08E-6	-0.95494	11.007E-6
	-6.00000	-12.00000	-8.50000	-1.3350	-8.9310	-286.42E-6	-1.0230	11.792E-6
	-5.00000	-12.00000	-8.50000	-1.4657	-8.9310	-327.86E-6	-1.0958	12.629E-6
	-4.00000	-12.00000	-8.50000	-1.6014	-8.9310	-374.72E-6	-1.1731	13.520E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-3.00000	-12.00000	-8.50000	-1.7414	-8.9310	-427.16E-6	-1.2548	14.460E-6
	-2.00000	-12.00000	-8.50000	-1.8851	-8.9310	-485.08E-6	-1.3405	15.447E-6
	-1.00000	-12.00000	-8.50000	-2.0316	-8.9310	-548.03E-6	-1.4296	16.473E-6
	0.00000	-12.00000	-8.50000	-2.1800	-8.9310	-615.21E-6	-1.5213	17.528E-6
	1.00000	-12.00000	-8.50000	-2.3292	-8.9310	-685.42E-6	-1.6146	18.602E-6
	2.00000	-12.00000	-8.50000	-2.4779	-8.9310	-757.17E-6	-1.7085	19.682E-6
	3.00000	-12.00000	-8.50000	-2.6249	-8.9310	-828.79E-6	-1.8016	20.754E-6
	4.00000	-12.00000	-8.50000	-2.7688	-8.9310	-898.62E-6	-1.8929	21.804E-6
	5.00000	-12.00000	-8.50000	-2.9086	-8.9310	-965.15E-6	-1.9810	22.819E-6
	6.00000	-12.00000	-8.50000	-3.0430	-8.9310	-0.0010272	-2.0652	23.788E-6
	7.00000	-12.00000	-8.50000	-3.1711	-8.9310	-0.0010839	-2.1445	24.701E-6
	8.00000	-12.00000	-8.50000	-3.2919	-8.9310	-0.0011348	-2.2183	25.551E-6
	9.00000	-12.00000	-8.50000	-3.4046	-8.9310	-0.0011799	-2.2862	26.332E-6
	10.00000	-12.00000	-8.50000	-3.5087	-8.9310	-0.0012192	-2.3480	27.043E-6
	11.00000	-12.00000	-8.50000	-3.6037	-8.9310	-0.0012530	-2.4034	27.682E-6
	12.00000	-12.00000	-8.50000	-3.6893	-8.9310	-0.0012818	-2.4526	28.248E-6
	13.00000	-12.00000	-8.50000	-3.7651	-8.9310	-0.0013059	-2.4956	28.743E-6
	14.00000	-12.00000	-8.50000	-3.8309	-8.9310	-0.0013258	-2.5324	29.167E-6
	15.00000	-12.00000	-8.50000	-3.8867	-8.9310	-0.0013420	-2.5632	29.522E-6
	16.00000	-12.00000	-8.50000	-3.9322	-8.9310	-0.0013547	-2.5881	29.809E-6
	17.00000	-12.00000	-8.50000	-3.9675	-8.9310	-0.0013643	-2.6073	30.030E-6
	18.00000	-12.00000	-8.50000	-3.9926	-8.9310	-0.0013709	-2.6208	30.186E-6
	19.00000	-12.00000	-8.50000	-4.0073	-8.9310	-0.0013748	-2.6288	30.278E-6
	20.00000	-12.00000	-8.50000	-4.0118	-8.9310	-0.0013761	-2.6313	30.306E-6
	21.00000	-12.00000	-8.50000	-4.0059	-8.9310	-0.0013747	-2.6282	30.271E-6
	22.00000	-12.00000	-8.50000	-3.9898	-8.9310	-0.0013706	-2.6197	30.173E-6
	23.00000	-12.00000	-8.50000	-3.9633	-8.9310	-0.0013638	-2.6056	30.010E-6
	24.00000	-12.00000	-8.50000	-3.9266	-8.9310	-0.0013541	-2.5858	29.782E-6
	25.00000	-12.00000	-8.50000	-3.8796	-8.9310	-0.0013412	-2.5603	29.489E-6
	26.00000	-12.00000	-8.50000	-3.8225	-8.9310	-0.0013249	-2.5290	29.128E-6
	27.00000	-12.00000	-8.50000	-3.7554	-8.9310	-0.0013048	-2.4916	28.697E-6
	28.00000	-12.00000	-8.50000	-3.6783	-8.9310	-0.0012805	-2.4481	28.197E-6
	29.00000	-12.00000	-8.50000	-3.5915	-8.9310	-0.0012516	-2.3984	27.624E-6
	30.00000	-12.00000	-8.50000	-3.4953	-8.9310	-0.0012176	-2.3425	26.980E-6
	31.00000	-12.00000	-8.50000	-3.3900	-8.9310	-0.0011782	-2.2802	26.263E-6
	32.00000	-12.00000	-8.50000	-3.2761	-8.9310	-0.0011330	-2.2119	25.476E-6
	33.00000	-12.00000	-8.50000	-3.1543	-8.9310	-0.0010820	-2.1376	24.622E-6
	34.00000	-12.00000	-8.50000	-3.0253	-8.9310	-0.0010251	-2.0579	23.704E-6
	35.00000	-12.00000	-8.50000	-2.8900	-8.9310	-963.00E-6	-1.9734	22.732E-6
	36.00000	-12.00000	-8.50000	-2.7495	-8.9310	-896.39E-6	-1.8849	21.713E-6
	37.00000	-12.00000	-8.50000	-2.6048	-8.9310	-826.49E-6	-1.7934	20.660E-6
	38.00000	-12.00000	-8.50000	-2.4572	-8.9310	-754.82E-6	-1.7000	19.585E-6
	39.00000	-12.00000	-8.50000	-2.3080	-8.9310	-683.03E-6	-1.6060	18.503E-6
	40.00000	-12.00000	-8.50000	-2.1584	-8.9310	-612.79E-6	-1.5125	17.427E-6
	41.00000	-12.00000	-8.50000	-2.0097	-8.9310	-545.61E-6	-1.4207	16.371E-6
	42.00000	-12.00000	-8.50000	-1.8630	-8.9310	-482.66E-6	-1.3316	15.344E-6
	43.00000	-12.00000	-8.50000	-1.7192	-8.9310	-424.77E-6	-1.2459	14.358E-6
	44.00000	-12.00000	-8.50000	-1.5792	-8.9310	-372.37E-6	-1.1642	13.417E-6
	45.00000	-12.00000	-8.50000	-1.4436	-8.9310	-325.56E-6	-1.0870	12.528E-6
	46.00000	-12.00000	-8.50000	-1.3131	-8.9310	-284.19E-6	-1.0144	11.692E-6
	47.00000	-12.00000	-8.50000	-1.1879	-8.9310	-247.92E-6	-0.94642	10.909E-6
	48.00000	-12.00000	-8.50000	-1.0683	-8.9310	-216.32E-6	-0.88310	10.180E-6
	49.00000	-12.00000	-8.50000	-0.95445	-8.9310	-188.90E-6	-0.82427	9.5021E-6
	50.00000	-12.00000	-8.50000	-0.84646	-8.9310	-165.17E-6	-0.76973	8.8737E-6
	51.00000	-12.00000	-8.50000	-0.74428	-8.9310	-144.67E-6	-0.71923	8.2918E-6
	52.00000	-12.00000	-8.50000	-0.64784	-8.9310	-126.96E-6	-0.67252	7.7536E-6
	53.00000	-12.00000	-8.50000	-0.55701	-8.9310	-111.66E-6	-0.62933	7.2560E-6
	54.00000	-12.00000	-8.50000	-0.47165	-8.9310	-98.423E-6	-0.58942	6.7960E-6
	55.00000	-12.00000	-8.50000	-0.39158	-8.9310	-86.962E-6	-0.55252	6.3708E-6
	56.00000	-12.00000	-8.50000	-0.31660	-8.9310	-77.018E-6	-0.51840	5.9775E-6
	57.00000	-12.00000	-8.50000	-0.24650	-8.9310	-68.374E-6	-0.48684	5.6137E-6
	58.00000	-12.00000	-8.50000	-0.18108	-8.9310	-60.844E-6	-0.45762	5.2769E-6
	59.00000	-12.00000	-8.50000	-0.12011	-8.9310	-54.269E-6	-0.43055	4.9648E-6
	60.00000	-12.00000	-8.50000	-0.063370	-8.9310	-48.515E-6	-0.40545	4.6755E-6
	-20.00000	-11.00000	-8.50000	-0.11810	-8.9310	-53.464E-6	-0.42832	4.9392E-6
	-19.00000	-11.00000	-8.50000	-0.17980	-8.9310	-59.993E-6	-0.45563	5.2540E-6
	-18.00000	-11.00000	-8.50000	-0.24616	-8.9310	-67.489E-6	-0.48518	5.5945E-6
	-17.00000	-11.00000	-8.50000	-0.31744	-8.9310	-76.121E-6	-0.51716	5.9632E-6
	-16.00000	-11.00000	-8.50000	-0.39388	-8.9310	-86.089E-6	-0.55183	6.3628E-6
	-15.00000	-11.00000	-8.50000	-0.47576	-8.9310	-97.630E-6	-0.58944	6.7963E-6
	-14.00000	-11.00000	-8.50000	-0.56332	-8.9310	-111.03E-6	-0.63027	7.2669E-6
	-13.00000	-11.00000	-8.50000	-0.65681	-8.9310	-126.63E-6	-0.67464	7.7781E-6
	-12.00000	-11.00000	-8.50000	-0.75647	-8.9310	-144.83E-6	-0.72286	8.3337E-6
	-11.00000	-11.00000	-8.50000	-0.86251	-8.9310	-166.11E-6	-0.77529	8.9378E-6
	-10.00000	-11.00000	-8.50000	-0.97510	-8.9310	-191.02E-6	-0.83229	9.5945E-6
	-9.00000	-11.00000	-8.50000	-1.0944	-8.9310	-220.20E-6	-0.89423	10.308E-6
	-8.00000	-11.00000	-8.50000	-1.2205	-8.9310	-254.38E-6	-0.96148	11.083E-6
	-7.00000	-11.00000	-8.50000	-1.3533	-8.9310	-294.33E-6	-1.0344	11.922E-6
	-6.00000	-11.00000	-8.50000	-1.4927	-8.9310	-340.89E-6	-1.1132	12.829E-6
	-5.00000	-11.00000	-8.50000	-1.6386	-8.9310	-394.85E-6	-1.1980	13.807E-6
	-4.00000	-11.00000	-8.50000	-1.7906	-8.9310	-456.92E-6	-1.2890	14.854E-6
	-3.00000	-11.00000	-8.50000	-1.9480	-8.9310	-527.53E-6	-1.3860	15.970E-6
	-2.00000	-11.00000	-8.50000	-2.1101	-8.9310	-606.76E-6	-1.4885	17.150E-6
	-1.00000	-11.00000	-8.50000	-2.2760	-8.9310	-694.10E-6	-1.5958	18.385E-6
	0.00000	-11.00000	-8.50000	-2.4444	-8.9310	-788.40E-6	-1.7070	19.664E-6
	1.00000	-11.00000	-8.50000	-2.6141	-8.9310	-887.79E-6	-1.8206	20.972E-6
	2.00000	-11.00000	-8.50000	-2.7835	-8.9310	-989.83E-6	-1.9352	22.290E-6
	3.00000	-11.00000	-8.50000	-2.9510	-8.9310	-0.0010917	-2.0491	23.600E-6
	4.00000	-11.00000	-8.50000	-3.1151	-8.9310	-0.0011907	-2.1605	24.882E-6
	5.00000	-11.00000	-8.50000	-3.2744	-8.9310	-0.0012843	-2.2679	26.117E-6
	6.00000	-11.00000	-8.50000	-3.4273	-8.9310	-0.0013706	-2.3699	27.291E-6
	7.00000	-11.00000	-8.50000	-3.5727	-8.9310	-0.0014485	-2.4656	28.392E-6
	8.00000	-11.00000	-8.50000	-3.7095	-8.9310	-0.0015174	-2.5541	29.411E-6
	9.00000	-11.00000	-8.50000	-3.8370	-8.9310	-0.0015775	-2.6350	30.342E-6
	10.00000	-11.00000	-8.50000	-3.9544	-8.9310	-0.0016291	-2.7081	31.184E-6
	11.00000	-11.00000	-8.50000	-4.0613	-8.9310	-0.0016729	-2.7734	31.936E-6
	12.00000	-11.00000	-8.50000	-4.1572	-8.9310	-0.0017096	-2.8310	32.598E-6
	13.00000	-11.00000	-8.50000	-4.2421	-8.9310	-0.0017400	-2.8809	33.174E-6
	14.00000	-11.00000	-8.50000	-4.3157	-8.9310	-0.0017649	-2.9236	33.664E-6
	15.00000	-11.00000	-8.50000	-4.3779	-8.9310	-0.0017848	-2.9591	34.074E-6
	16.00000	-11.00000	-8.50000	-4.4287	-8.9310	-0.0018004	-2.9878	34.404E-6
	17.00000	-11.00000	-8.50000	-4.4680	-8.9310	-0.0018121	-3.0098	34.657E-6
	18.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	57.00000	-11.00000	-8.50000	-0.29996	-8.9310	-74.728E-6	-0.51062	5.8879E-6
	58.00000	-11.00000	-8.50000	-0.22947	-8.9310	-66.201E-6	-0.47897	5.5230E-6
	59.00000	-11.00000	-8.50000	-0.16389	-8.9310	-58.804E-6	-0.44975	5.1862E-6
	60.00000	-11.00000	-8.50000	-0.10297	-8.9310	-52.369E-6	-0.42276	4.8750E-6
	-20.00000	-10.00000	-8.50000	-0.16008	-8.9310	-57.709E-6	-0.44664	5.1503E-6
	-19.00000	-10.00000	-8.50000	-0.22624	-8.9310	-65.004E-6	-0.47601	5.4888E-6
	-18.00000	-10.00000	-8.50000	-0.29752	-8.9310	-73.431E-6	-0.50788	5.8563E-6
	-17.00000	-10.00000	-8.50000	-0.37421	-8.9310	-83.197E-6	-0.54253	6.2557E-6
	-16.00000	-10.00000	-8.50000	-0.45662	-8.9310	-94.555E-6	-0.58024	6.6902E-6
	-15.00000	-10.00000	-8.50000	-0.54508	-8.9310	-107.81E-6	-0.62133	7.1637E-6
	-14.00000	-10.00000	-8.50000	-0.63991	-8.9310	-123.34E-6	-0.66615	7.6803E-6
	-13.00000	-10.00000	-8.50000	-0.74141	-8.9310	-141.58E-6	-0.71510	8.2443E-6
	-12.00000	-10.00000	-8.50000	-0.84991	-8.9310	-163.10E-6	-0.76861	8.8609E-6
	-11.00000	-10.00000	-8.50000	-0.96569	-8.9310	-188.55E-6	-0.82716	9.5354E-6
	-10.00000	-10.00000	-8.50000	-1.0890	-8.9310	-218.72E-6	-0.89125	10.274E-6
	-9.00000	-10.00000	-8.50000	-1.2202	-8.9310	-254.57E-6	-0.96141	11.082E-6
	-8.00000	-10.00000	-8.50000	-1.3592	-8.9310	-297.21E-6	-1.0382	11.966E-6
	-7.00000	-10.00000	-8.50000	-1.5064	-8.9310	-347.90E-6	-1.1221	12.932E-6
	-6.00000	-10.00000	-8.50000	-1.6615	-8.9310	-408.06E-6	-1.2137	13.987E-6
	-5.00000	-10.00000	-8.50000	-1.8245	-8.9310	-479.14E-6	-1.3133	15.133E-6
	-4.00000	-10.00000	-8.50000	-1.9949	-8.9310	-562.53E-6	-1.4211	16.374E-6
	-3.00000	-10.00000	-8.50000	-2.1723	-8.9310	-659.33E-6	-1.5372	17.710E-6
	-2.00000	-10.00000	-8.50000	-2.3557	-8.9310	-770.07E-6	-1.6611	19.135E-6
	-1.00000	-10.00000	-8.50000	-2.5441	-8.9310	-894.33E-6	-1.7920	20.641E-6
	0.00000	-10.00000	-8.50000	-2.7360	-8.9310	-0.0010305	-1.9285	22.212E-6
	1.00000	-10.00000	-8.50000	-2.9299	-8.9310	-0.0011756	-2.0690	23.826E-6
	2.00000	-10.00000	-8.50000	-3.1237	-8.9310	-0.0013254	-2.2110	25.460E-6
	3.00000	-10.00000	-8.50000	-3.3156	-8.9310	-0.0014751	-2.3523	27.084E-6
	4.00000	-10.00000	-8.50000	-3.5036	-8.9310	-0.0016197	-2.4903	28.672E-6
	5.00000	-10.00000	-8.50000	-3.6857	-8.9310	-0.0017550	-2.6229	30.196E-6
	6.00000	-10.00000	-8.50000	-3.8602	-8.9310	-0.0018782	-2.7481	31.636E-6
	7.00000	-10.00000	-8.50000	-4.0258	-8.9310	-0.0019874	-2.8647	32.977E-6
	8.00000	-10.00000	-8.50000	-4.1812	-8.9310	-0.0020824	-2.9717	34.209E-6
	9.00000	-10.00000	-8.50000	-4.3255	-8.9310	-0.0021636	-3.0688	35.326E-6
	10.00000	-10.00000	-8.50000	-4.4581	-8.9310	-0.0022320	-3.1558	36.327E-6
	11.00000	-10.00000	-8.50000	-4.5783	-8.9310	-0.0022891	-3.2329	37.215E-6
	12.00000	-10.00000	-8.50000	-4.6861	-8.9310	-0.0023362	-3.3004	37.992E-6
	13.00000	-10.00000	-8.50000	-4.7811	-8.9310	-0.0023747	-3.3586	38.662E-6
	14.00000	-10.00000	-8.50000	-4.8633	-8.9310	-0.0024057	-3.4081	39.231E-6
	15.00000	-10.00000	-8.50000	-4.9327	-8.9310	-0.0024304	-3.4491	39.704E-6
	16.00000	-10.00000	-8.50000	-4.9892	-8.9310	-0.0024495	-3.4820	40.083E-6
	17.00000	-10.00000	-8.50000	-5.0329	-8.9310	-0.0024636	-3.5072	40.373E-6
	18.00000	-10.00000	-8.50000	-5.0638	-8.9310	-0.0024734	-3.5249	40.577E-6
	19.00000	-10.00000	-8.50000	-5.0820	-8.9310	-0.0024791	-3.5353	40.697E-6
	20.00000	-10.00000	-8.50000	-5.0875	-8.9310	-0.0024809	-3.5386	40.735E-6
	21.00000	-10.00000	-8.50000	-5.0803	-8.9310	-0.0024788	-3.5346	40.689E-6
	22.00000	-10.00000	-8.50000	-5.0603	-8.9310	-0.0024730	-3.5235	40.560E-6
	23.00000	-10.00000	-8.50000	-5.0277	-8.9310	-0.0024630	-3.5050	40.348E-6
	24.00000	-10.00000	-8.50000	-4.9823	-8.9310	-0.0024486	-3.4791	40.049E-6
	25.00000	-10.00000	-8.50000	-4.9241	-8.9310	-0.0024293	-3.4454	39.662E-6
	26.00000	-10.00000	-8.50000	-4.8531	-8.9310	-0.0024044	-3.4037	39.181E-6
	27.00000	-10.00000	-8.50000	-4.7692	-8.9310	-0.0023731	-3.3536	38.604E-6
	28.00000	-10.00000	-8.50000	-4.6726	-8.9310	-0.0023344	-3.2946	37.925E-6
	29.00000	-10.00000	-8.50000	-4.5633	-8.9310	-0.0022871	-3.2265	37.141E-6
	30.00000	-10.00000	-8.50000	-4.4415	-8.9310	-0.0022298	-3.1487	36.246E-6
	31.00000	-10.00000	-8.50000	-4.3075	-8.9310	-0.0021612	-3.0611	35.237E-6
	32.00000	-10.00000	-8.50000	-4.1619	-8.9310	-0.0020798	-2.9634	34.113E-6
	33.00000	-10.00000	-8.50000	-4.0052	-8.9310	-0.0019846	-2.8558	32.875E-6
	34.00000	-10.00000	-8.50000	-3.8384	-8.9310	-0.0018752	-2.7387	31.528E-6
	35.00000	-10.00000	-8.50000	-3.6628	-8.9310	-0.0017519	-2.6130	30.082E-6
	36.00000	-10.00000	-8.50000	-3.4797	-8.9310	-0.0016164	-2.4800	28.553E-6
	37.00000	-10.00000	-8.50000	-3.2909	-8.9310	-0.0014717	-2.3417	26.962E-6
	38.00000	-10.00000	-8.50000	-3.0982	-8.9310	-0.0013220	-2.2001	25.334E-6
	39.00000	-10.00000	-8.50000	-2.9038	-8.9310	-0.0011721	-2.0578	23.698E-6
	40.00000	-10.00000	-8.50000	-2.7095	-8.9310	-0.0010270	-1.9172	22.0881E-6
	41.00000	-10.00000	-8.50000	-2.5172	-8.9310	-890.83E-6	-1.7805	20.509E-6
	42.00000	-10.00000	-8.50000	-2.3286	-8.9310	-766.59E-6	-1.6496	19.003E-6
	43.00000	-10.00000	-8.50000	-2.1451	-8.9310	-655.90E-6	-1.5258	17.578E-6
	44.00000	-10.00000	-8.50000	-1.9678	-8.9310	-559.17E-6	-1.4098	16.244E-6
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	46.00000	-10.00000	-8.50000	-1.6348	-8.9310	-404.90E-6	-1.2027	13.860E-6
	47.00000	-10.00000	-8.50000	-1.4800	-8.9310	-344.86E-6	-1.1113	12.808E-6
	48.00000	-10.00000	-8.50000	-1.3334	-8.9310	-294.30E-6	-1.0277	11.845E-6
	49.00000	-10.00000	-8.50000	-1.1949	-8.9310	-251.81E-6	-0.95120	10.964E-6
	50.00000	-10.00000	-8.50000	-1.0644	-8.9310	-216.10E-6	-0.88138	10.160E-6
	51.00000	-10.00000	-8.50000	-0.94174	-8.9310	-186.08E-6	-0.81765	9.4258E-6
	52.00000	-10.00000	-8.50000	-0.82671	-8.9310	-160.79E-6	-0.75948	8.7556E-6
	53.00000	-10.00000	-8.50000	-0.71901	-8.9310	-139.42E-6	-0.70635	8.1434E-6
	54.00000	-10.00000	-8.50000	-0.61833	-8.9310	-121.32E-6	-0.65779	7.5839E-6
	55.00000	-10.00000	-8.50000	-0.52436	-8.9310	-105.94E-6	-0.61336	7.0719E-6
	56.00000	-10.00000	-8.50000	-0.43677	-8.9310	-92.825E-6	-0.57267	6.6030E-6
	57.00000	-10.00000	-8.50000	-0.35523	-8.9310	-81.600E-6	-0.53535	6.1729E-6
	58.00000	-10.00000	-8.50000	-0.27942	-8.9310	-71.960E-6	-0.50109	5.7779E-6
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	-18.00000	-9.00000	-8.50000	-0.35039	-8.9310	-79.805E-6	-0.53138	6.1271E-6
	-17.00000	-9.00000	-8.50000	-0.43276	-8.9310	-90.833E-6	-0.56887	6.5593E-6
	-16.00000	-9.00000	-8.50000	-0.52146	-8.9310	-103.75E-6	-0.60985	7.0315E-6
	-15.00000	-9.00000	-8.50000	-0.61687	-8.9310	-118.95E-6	-0.65470	7.5483E-6
	-14.00000	-9.00000	-8.50000	-0.71939	-8.9310	-136.91E-6	-0.70386	8.1149E-6
	-13.00000	-9.00000	-8.50000	-0.82942	-8.9310	-158.23E-6	-0.75786	8.7370E-6
	-12.00000	-9.00000	-8.50000	-0.94737	-8.9310	-183.65E-6	-0.81724	9.4211E-6
	-11.00000	-9.00000	-8.50000	-1.0736	-8.9310	-214.08E-6	-0.88263	10.174E-6
	-10.00000	-9.00000	-8.50000	-1.2086	-8.9310	-250.66E-6	-0.95473	11.005E-6
	-9.00000	-9.00000	-8.50000	-1.3526	-8.9310	-294.79E-6	-1.0343	11.921E-6
	-8.00000	-9.00000	-8.50000	-1.5060	-8.9310	-348.18E-6	-1.1221	12.933E-6
	-7.00000	-9.00000	-8.50000	-1.6690	-8.9310	-412.87E-6	-1.2191	14.049E-6
	-6.00000	-9.00000	-8.50000	-1.8416	-8.9310	-491.22E-6	-1.3259	15.279E-6
	-5.00000	-9.00000	-8.50000	-2.0238	-8.9310	-585.90E-6	-1.4435	16.631E-6
	-4.00000	-9.00000	-8.50000	-2.2154	-8.9310	-699.64E-6	-1.5723	18.111E-6
	-3.00000	-9.00000	-8.50000	-2.4157	-8.9310	-834.94E-6	-1.7125	19.727E-6
	-2.00000	-9.00000	-8.50000	-2.6240	-8.9310	-993.50E-6	-1.8640	21.469E-6
	-1.00000	-9.00000	-8.50000	-2.8388	-8.9310	-0.0011755	-2.0259	23.330E-6
	0.00000	-9.00000	-8.50000	-3.0586	-8.9310	-0.0013788	-2.1964	25.289E-6
	1.00000	-9.00000	-8.50000	-3.2812	-8.9310	-0.0015986	-2.3730	27.319E-6
	2.00000	-9.00000	-8.50000	-3.5043	-8.9310	-0.0018273	-2.5524	29.381E-6
	3.00000	-9.00000	-8.50000	-3.7253	-8.9310	-0.0020558	-2.7310	31.433E-6
	4.00000	-9.00000	-8.50000	-3.9417	-8.9310	-0.0022750	-2.9050	33.432E-6
	5.00000	-9.00000	-8.50000	-4.1510	-8.9310	-0.0024775	-3.0712	35.343E-6
	6.00000	-9.00000	-8.50000	-4.3511	-8.9310	-0.0026582	-3.2270	37.134E-6
	7.00000	-9.00000	-8.50000	-4.5403	-8.9310	-0.0028152	-3.3707	38.786E-6
	8.00000	-9.00000	-8.50000	-4.7172	-8.9310	-0.0029484	-3.5013	40.288E-6
	9.00000	-9.00000	-8.50000	-4.8809	-8.9310	-0.0030597	-3.6186	41.637E-6
	10.00000	-9.00000	-8.50000	-5.0307	-8.9310	-0.0031515	-3.7226	42.835E-6
	11.00000	-9.00000	-8.50000	-5.1661	-8.9310	-0.0032264	-3.8140	43.886E-6
	12.00000	-9.00000	-8.50000	-5.2870	-8.9310	-0.0032871	-3.8934	44.799E-6
	13.00000	-9.00000	-8.50000	-5.3933	-8.9310	-0.0033359	-3.9613	45.582E-6
	14.00000	-9.00000	-8.50000	-5.4851	-8.9310	-0.0033747	-4.0187	46.242E-6
	15.00000	-9.00000	-8.50000	-5.5623	-8.9310	-0.0034052	-4.0660	46.786E-6
	16.00000	-9.00000	-8.50000	-5.6251	-8.9310	-0.0034285	-4.1038	47.222E-6
	17.00000	-9.00000	-8.50000	-5.6736	-8.9310	-0.0034457	-4.1326	47.554E-6
	18.00000	-9.00000	-8.50000	-5.7079	-8.9310	-0.0034574	-4.1529	47.787E-6
	19.00000	-9.00000	-8.50000	-5.7281	-8.9310	-0.0034643	-4.1647	47.924E-6
	20.00000	-9.00000	-8.50000	-5.7341	-8.9310	-0.0034664	-4.1684	47.966E-6
	21.00000	-9.00000	-8.50000	-5.7261	-8.9310	-0.0034640	-4.1639	47.914E-6
	22.00000	-9.00000	-8.50000	-5.7041	-8.9310	-0.0034569	-4.1512	47.768E-6
	23.00000	-9.00000	-8.50000	-5.6679	-8.9310	-0.0034449	-4.1302	47.525E-6
	24.00000	-9.00000	-8.50000	-5.6175	-8.9310	-0.0034274	-4.1005	47.184E-6
	25.00000	-9.00000	-8.50000	-5.5528	-8.9310	-0.0034038	-4.0618	46.739E-6
	26.00000	-9.00000	-8.50000	-5.4738	-8.9310	-0.0033731	-4.0137	46.185E-6
	27.00000	-9.00000	-8.50000	-5.3802	-8.9310	-0.0033340	-3.9556	45.515E-6
	28.00000	-9.00000	-8.50000	-5.2721	-8.9310	-0.0032850	-3.8868	44.724E-6
	29.00000	-9.00000	-8.50000	-5.1495	-8.9310	-0.0032240	-3.8067	43.802E-6
	30.00000	-9.00000	-8.50000	-5.0123	-8.9310	-0.0031488	-3.7146	42.742E-6
	31.00000	-9.00000	-8.50000	-4.8610	-8.9310	-0.0030568	-3.6098	41.536E-6
	32.00000	-9.00000	-8.50000	-4.6957	-8.9310	-0.0029453	-3.4918	40.179E-6
	33.00000	-9.00000	-8.50000	-4.5174	-8.9310	-0.0028118	-3.3605	38.669E-6
	34.00000	-9.00000	-8.50000	-4.3268	-8.9310	-0.0026547	-3.2162	37.010E-6
	35.00000	-9.00000	-8.50000	-4.1255	-8.9310	-0.0024737	-3.0599	35.213E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	36.00000	-9.00000	-8.50000	-3.9151	-8.9310	-0.0022711	-2.8932	33.297E-6
	37.00000	-9.00000	-8.50000	-3.6978	-8.9310	-0.0020517	-2.7188	31.292E-6
	38.00000	-9.00000	-8.50000	-3.4760	-8.9310	-0.0018231	-2.5399	29.237E-6
	39.00000	-9.00000	-8.50000	-3.2522	-8.9310	-0.0015944	-2.3602	27.172E-6
	40.00000	-9.00000	-8.50000	-3.0291	-8.9310	-0.0013746	-2.1834	25.140E-6
	41.00000	-9.00000	-8.50000	-2.8089	-8.9310	-0.0011713	-2.0129	23.179E-6
	42.00000	-9.00000	-8.50000	-2.5939	-8.9310	-989.29E-6	-1.8510	21.318E-6
	43.00000	-9.00000	-8.50000	-2.3856	-8.9310	-830.79E-6	-1.6995	19.576E-6
	44.00000	-9.00000	-8.50000	-2.1853	-8.9310	-695.58E-6	-1.5594	17.964E-6
	45.00000	-9.00000	-8.50000	-1.9940	-8.9310	-581.96E-6	-1.4308	16.485E-6
	46.00000	-9.00000	-8.50000	-1.8121	-8.9310	-487.43E-6	-1.3135	15.135E-6
	47.00000	-9.00000	-8.50000	-1.6399	-8.9310	-409.23E-6	-1.2069	13.908E-6
	48.00000	-9.00000	-8.50000	-1.4775	-8.9310	-344.72E-6	-1.1103	12.796E-6
	49.00000	-9.00000	-8.50000	-1.3248	-8.9310	-291.51E-6	-1.0228	11.789E-6
	50.00000	-9.00000	-8.50000	-1.1815	-8.9310	-247.57E-6	-0.94366	10.877E-6
	51.00000	-9.00000	-8.50000	-1.0474	-8.9310	-211.17E-6	-0.87199	10.052E-6
	52.00000	-9.00000	-8.50000	-0.92197	-8.9310	-180.93E-6	-0.80704	9.3036E-6
	53.00000	-9.00000	-8.50000	-0.80493	-8.9310	-155.71E-6	-0.74812	8.6248E-6
	54.00000	-9.00000	-8.50000	-0.69585	-8.9310	-134.57E-6	-0.69460	8.0080E-6
	55.00000	-9.00000	-8.50000	-0.59430	-8.9310	-116.79E-6	-0.64589	7.4468E-6
	56.00000	-9.00000	-8.50000	-0.49987	-8.9310	-101.76E-6	-0.60150	6.9353E-6
	57.00000	-9.00000	-8.50000	-0.41217	-8.9310	-89.000E-6	-0.56098	6.4683E-6
	58.00000	-9.00000	-8.50000	-0.33079	-8.9310	-78.123E-6	-0.52393	6.0413E-6
	59.00000	-9.00000	-8.50000	-0.25536	-8.9310	-68.813E-6	-0.49000	5.6501E-6
	60.00000	-9.00000	-8.50000	-0.18551	-8.9310	-60.811E-6	-0.45886	5.2912E-6
	-20.00000	-8.00000	-8.50000	-0.24726	-8.9310	-66.983E-6	-0.48477	5.5899E-6
	-19.00000	-8.00000	-8.50000	-0.32289	-8.9310	-76.033E-6	-0.51862	5.9800E-6
	-18.00000	-8.00000	-8.50000	-0.40465	-8.9310	-86.612E-6	-0.55562	6.4065E-6
	-17.00000	-8.00000	-8.50000	-0.49294	-8.9310	-99.036E-6	-0.59614	6.8735E-6
	-16.00000	-8.00000	-8.50000	-0.58821	-8.9310	-113.70E-6	-0.64061	7.3860E-6
	-15.00000	-8.00000	-8.50000	-0.69093	-8.9310	-131.08E-6	-0.68951	7.9495E-6
	-14.00000	-8.00000	-8.50000	-0.80157	-8.9310	-151.82E-6	-0.74339	8.5703E-6
	-13.00000	-8.00000	-8.50000	-0.92065	-8.9310	-176.67E-6	-0.80289	9.2559E-6
	-12.00000	-8.00000	-8.50000	-1.0487	-8.9310	-206.65E-6	-0.86874	10.014E-6
	-11.00000	-8.00000	-8.50000	-1.1862	-8.9310	-243.00E-6	-0.94175	10.855E-6
	-10.00000	-8.00000	-8.50000	-1.3337	-8.9310	-287.34E-6	-1.0229	11.790E-6
	-9.00000	-8.00000	-8.50000	-1.4918	-8.9310	-341.72E-6	-1.1132	12.829E-6
	-8.00000	-8.00000	-8.50000	-1.6608	-8.9310	-408.72E-6	-1.2138	13.988E-6
	-7.00000	-8.00000	-8.50000	-1.8413	-8.9310	-491.62E-6	-1.3261	15.280E-6
	-6.00000	-8.00000	-8.50000	-2.0334	-8.9310	-594.41E-6	-1.4513	16.721E-6
	-5.00000	-8.00000	-8.50000	-2.2374	-8.9310	-721.87E-6	-1.5908	18.326E-6
	-4.00000	-8.00000	-8.50000	-2.4530	-8.9310	-879.39E-6	-1.7458	20.108E-6
	-3.00000	-8.00000	-8.50000	-2.6800	-8.9310	-0.0010725	-1.9171	22.078E-6
	-2.00000	-8.00000	-8.50000	-2.9172	-8.9310	-0.0013057	-2.1048	24.236E-6
	-1.00000	-8.00000	-8.50000	-3.1634	-8.9310	-0.0015815	-2.3083	26.573E-6
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	1.00000	-8.00000	-8.50000	-3.6739	-8.9310	-0.0022459	-2.7523	31.672E-6
	2.00000	-8.00000	-8.50000	-3.9324	-8.9310	-0.0026122	-2.9841	34.333E-6
	3.00000	-8.00000	-8.50000	-4.1887	-8.9310	-0.0029783	-3.2150	36.985E-6
	4.00000	-8.00000	-8.50000	-4.4394	-8.9310	-0.0033260	-3.4392	39.559E-6
	5.00000	-8.00000	-8.50000	-4.6813	-8.9310	-0.0036411	-3.6516	41.998E-6
	6.00000	-8.00000	-8.50000	-4.9118	-8.9310	-0.0039155	-3.8486	44.261E-6
	7.00000	-8.00000	-8.50000	-5.1288	-8.9310	-0.0041469	-4.0280	46.323E-6
	8.00000	-8.00000	-8.50000	-5.3308	-8.9310	-0.0043377	-4.1890	48.173E-6
	9.00000	-8.00000	-8.50000	-5.5168	-8.9310	-0.0044925	-4.3317	49.814E-6
	10.00000	-8.00000	-8.50000	-5.6862	-8.9310	-0.0046167	-4.4568	51.253E-6
	11.00000	-8.00000	-8.50000	-5.8387	-8.9310	-0.0047157	-4.5655	52.503E-6
	12.00000	-8.00000	-8.50000	-5.9744	-8.9310	-0.0047942	-4.6589	53.578E-6
	13.00000	-8.00000	-8.50000	-6.0932	-8.9310	-0.0048561	-4.7382	54.491E-6
	14.00000	-8.00000	-8.50000	-6.1955	-8.9310	-0.0049046	-4.8047	55.256E-6
	15.00000	-8.00000	-8.50000	-6.2813	-8.9310	-0.0049421	-4.8592	55.883E-6
	16.00000	-8.00000	-8.50000	-6.3510	-8.9310	-0.0049706	-4.9026	56.383E-6
	17.00000	-8.00000	-8.50000	-6.4047	-8.9310	-0.0049913	-4.9355	56.762E-6
	18.00000	-8.00000	-8.50000	-6.4427	-8.9310	-0.0050055	-4.9586	57.028E-6
	19.00000	-8.00000	-8.50000	-6.4650	-8.9310	-0.0050136	-4.9721	57.183E-6
	20.00000	-8.00000	-8.50000	-6.4717	-8.9310	-0.0050162	-4.9762	57.231E-6
	21.00000	-8.00000	-8.50000	-6.4629	-8.9310	-0.0050133	-4.9711	57.172E-6
	22.00000	-8.00000	-8.50000	-6.4385	-8.9310	-0.0050048	-4.9567	57.006E-6
	23.00000	-8.00000	-8.50000	-6.3984	-8.9310	-0.0049904	-4.9327	56.730E-6
	24.00000	-8.00000	-8.50000	-6.3426	-8.9310	-0.0049693	-4.8988	56.340E-6
	25.00000	-8.00000	-8.50000	-6.2709	-8.9310	-0.0049405	-4.8545	55.829E-6
	26.00000	-8.00000	-8.50000	-6.1830	-8.9310	-0.0049027	-4.7991	55.191E-6
	27.00000	-8.00000	-8.50000	-6.0787	-8.9310	-0.0048539	-4.7317	54.416E-6
	28.00000	-8.00000	-8.50000	-5.9579	-8.9310	-0.0047917	-4.6514	53.492E-6
	29.00000	-8.00000	-8.50000	-5.8203	-8.9310	-0.0047129	-4.5571	52.407E-6
	30.00000	-8.00000	-8.50000	-5.6659	-8.9310	-0.0046135	-4.4476	51.147E-6
	31.00000	-8.00000	-8.50000	-5.4947	-8.9310	-0.0044890	-4.3216	49.698E-6
	32.00000	-8.00000	-8.50000	-5.3070	-8.9310	-0.0043339	-4.1782	48.048E-6
	33.00000	-8.00000	-8.50000	-5.1034	-8.9310	-0.0041428	-4.0164	46.189E-6
	34.00000	-8.00000	-8.50000	-4.8849	-8.9310	-0.0039111	-3.8363	44.119E-6
	35.00000	-8.00000	-8.50000	-4.6530	-8.9310	-0.0036365	-3.6387	41.849E-6
	36.00000	-8.00000	-8.50000	-4.4099	-8.9310	-0.0033212	-3.4257	39.403E-6
	37.00000	-8.00000	-8.50000	-4.1581	-8.9310	-0.0029733	-3.2010	36.824E-6
	38.00000	-8.00000	-8.50000	-3.9009	-8.9310	-0.0026071	-2.9697	34.168E-6
	39.00000	-8.00000	-8.50000	-3.6416	-8.9310	-0.0022407	-2.7376	31.503E-6
	40.00000	-8.00000	-8.50000	-3.3837	-8.9310	-0.0018924	-2.5105	28.895E-6
	41.00000	-8.00000	-8.50000	-3.1302	-8.9310	-0.0015763	-2.2934	26.401E-6
	42.00000	-8.00000	-8.50000	-2.8838	-8.9310	-0.0013006	-2.0899	24.063E-6
	43.00000	-8.00000	-8.50000	-2.6465	-8.9310	-0.0010674	-1.9022	21.906E-6
	44.00000	-8.00000	-8.50000	-2.4197	-8.9310	-874.47E-6	-1.7310	19.939E-6
	45.00000	-8.00000	-8.50000	-2.2043	-8.9310	-717.12E-6	-1.5763	18.159E-6
	46.00000	-8.00000	-8.50000	-2.0008	-8.9310	-589.84E-6	-1.4371	16.558E-6
	47.00000	-8.00000	-8.50000	-1.8092	-8.9310	-487.26E-6	-1.3122	15.121E-6
	48.00000	-8.00000	-8.50000	-1.6294	-8.9310	-404.58E-6	-1.2004	13.834E-6
	49.00000	-8.00000	-8.50000	-1.4611	-8.9310	-337.81E-6	-1.1002	12.680E-6
	50.00000	-8.00000	-8.50000	-1.3040	-8.9310	-283.67E-6	-1.0104	11.646E-6
	51.00000	-8.00000	-8.50000	-1.1574	-8.9310	-239.57E-6	-0.92983	10.718E-6
	52.00000	-8.00000	-8.50000	-1.0209	-8.9310	-203.46E-6	-0.85735	9.8832E-6
	53.00000	-8.00000	-8.50000	-0.89388	-8.9310	-173.72E-6	-0.79205	9.1309E-6
	54.00000	-8.00000	-8.50000	-0.77589	-8.9310	-149.09E-6	-0.73310	8.4517E-6
	55.00000	-8.00000	-8.50000	-0.66635	-8.9310	-128.57E-6	-0.67976	7.8371E-6
	56.00000	-8.00000	-8.50000	-0.56475	-8.9310	-111.39E-6	-0.63140	7.2798E-6
	57.00000	-8.00000	-8.50000	-0.47060	-8.9310	-96.928E-6	-0.58746	6.7734E-6
	58.00000	-8.00000	-8.50000	-0.38342	-8.9310	-

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	15.00000	-7.00000	-8.50000	-7.1085	-8.9310	-0.0075015	-5.9064	67.875E-6
	16.00000	-7.00000	-8.50000	-7.1857	-8.9310	-0.0075360	-5.9560	68.446E-6
	17.00000	-7.00000	-8.50000	-7.2451	-8.9310	-0.0075610	-5.9936	68.879E-6
	18.00000	-7.00000	-8.50000	-7.2869	-8.9310	-0.0075779	-6.0197	69.180E-6
	19.00000	-7.00000	-8.50000	-7.3115	-8.9310	-0.0075876	-6.0350	69.356E-6
	20.00000	-7.00000	-8.50000	-7.3189	-8.9310	-0.0075906	-6.0397	69.410E-6
	21.00000	-7.00000	-8.50000	-7.3092	-8.9310	-0.0075872	-6.0340	69.344E-6
	22.00000	-7.00000	-8.50000	-7.2823	-8.9310	-0.0075771	-6.0176	69.156E-6
	23.00000	-7.00000	-8.50000	-7.2381	-8.9310	-0.0075599	-5.9904	68.842E-6
	24.00000	-7.00000	-8.50000	-7.1765	-8.9310	-0.0075345	-5.9518	68.397E-6
	25.00000	-7.00000	-8.50000	-7.0970	-8.9310	-0.0074996	-5.9011	67.814E-6
	26.00000	-7.00000	-8.50000	-6.9995	-8.9310	-0.0074531	-5.8373	67.080E-6
	27.00000	-7.00000	-8.50000	-6.8835	-8.9310	-0.0073923	-5.7593	66.182E-6
	28.00000	-7.00000	-8.50000	-6.7485	-8.9310	-0.0073134	-5.6656	65.104E-6
	29.00000	-7.00000	-8.50000	-6.5943	-8.9310	-0.0072114	-5.5545	63.826E-6
	30.00000	-7.00000	-8.50000	-6.4205	-8.9310	-0.0070796	-5.4240	62.325E-6
	31.00000	-7.00000	-8.50000	-6.2267	-8.9310	-0.0069096	-5.2720	60.577E-6
	32.00000	-7.00000	-8.50000	-6.0132	-8.9310	-0.0066909	-5.0962	58.558E-6
	33.00000	-7.00000	-8.50000	-5.7801	-8.9310	-0.0064115	-4.8949	56.244E-6
	34.00000	-7.00000	-8.50000	-5.5286	-8.9310	-0.0060596	-4.6668	53.625E-6
	35.00000	-7.00000	-8.50000	-5.2600	-8.9310	-0.0056264	-4.4122	50.703E-6
	36.00000	-7.00000	-8.50000	-4.9770	-8.9310	-0.0051114	-4.1336	47.508E-6
	37.00000	-7.00000	-8.50000	-4.6830	-8.9310	-0.0045277	-3.8363	44.099E-6
	38.00000	-7.00000	-8.50000	-4.3821	-8.9310	-0.0039041	-3.5284	40.568E-6
	39.00000	-7.00000	-8.50000	-4.0790	-8.9310	-0.0032804	-3.2196	37.027E-6
	40.00000	-7.00000	-8.50000	-3.7785	-8.9310	-0.0026962	-2.9198	33.588E-6
	41.00000	-7.00000	-8.50000	-3.4846	-8.9310	-0.0021803	-2.6368	30.342E-6
	42.00000	-7.00000	-8.50000	-3.2007	-8.9310	-0.0017459	-2.3761	27.349E-6
	43.00000	-7.00000	-8.50000	-2.9292	-8.9310	-0.0013924	-2.1399	24.638E-6
	44.00000	-7.00000	-8.50000	-2.6717	-8.9310	-0.0011111	-1.9286	22.210E-6
	45.00000	-7.00000	-8.50000	-2.4288	-8.9310	-889.90E-6	-1.7410	20.053E-6
	46.00000	-7.00000	-8.50000	-2.2009	-8.9310	-716.91E-6	-1.5749	18.143E-6
	47.00000	-7.00000	-8.50000	-1.9877	-8.9310	-581.58E-6	-1.4282	16.455E-6
	48.00000	-7.00000	-8.50000	-1.7887	-8.9310	-475.35E-6	-1.2984	14.962E-6
	49.00000	-7.00000	-8.50000	-1.6035	-8.9310	-391.49E-6	-1.1836	13.640E-6
	50.00000	-7.00000	-8.50000	-1.4313	-8.9310	-324.85E-6	-1.0818	12.468E-6
	51.00000	-7.00000	-8.50000	-1.2714	-8.9310	-271.51E-6	-0.99114	11.424E-6
	52.00000	-7.00000	-8.50000	-1.1231	-8.9310	-228.48E-6	-0.91033	10.493E-6
	53.00000	-7.00000	-8.50000	-0.98557	-8.9310	-193.51E-6	-0.83805	9.6608E-6
	54.00000	-7.00000	-8.50000	-0.85819	-8.9310	-164.89E-6	-0.77321	8.9139E-6
	55.00000	-7.00000	-8.50000	-0.74027	-8.9310	-141.30E-6	-0.71488	8.2419E-6
	56.00000	-7.00000	-8.50000	-0.63118	-8.9310	-121.72E-6	-0.66227	7.6356E-6
	57.00000	-7.00000	-8.50000	-0.53031	-8.9310	-105.37E-6	-0.61470	7.0874E-6
	58.00000	-7.00000	-8.50000	-0.43711	-8.9310	-91.639E-6	-0.57156	6.5902E-6
	59.00000	-7.00000	-8.50000	-0.35105	-8.9310	-80.038E-6	-0.53236	6.1384E-6
	60.00000	-7.00000	-8.50000	-0.27164	-8.9310	-70.187E-6	-0.49665	5.7268E-6
	-20.00000	-6.00000	-8.50000	-0.33777	-8.9310	-77.250E-6	-0.52458	6.0487E-6
	-19.00000	-6.00000	-8.50000	-0.42351	-8.9310	-88.353E-6	-0.56335	6.4956E-6
	-18.00000	-6.00000	-8.50000	-0.51651	-8.9310	-101.48E-6	-0.60603	6.9875E-6
	-17.00000	-6.00000	-8.50000	-0.61733	-8.9310	-117.10E-6	-0.65313	7.5304E-6
	-16.00000	-6.00000	-8.50000	-0.72657	-8.9310	-135.80E-6	-0.70527	8.1311E-6
	-15.00000	-6.00000	-8.50000	-0.84489	-8.9310	-158.34E-6	-0.76313	8.7978E-6
	-14.00000	-6.00000	-8.50000	-0.97299	-8.9310	-185.70E-6	-0.82754	9.5399E-6
	-13.00000	-6.00000	-8.50000	-1.1116	-8.9310	-219.18E-6	-0.89950	10.369E-6
	-12.00000	-6.00000	-8.50000	-1.2616	-8.9310	-260.49E-6	-0.98015	11.298E-6
	-11.00000	-6.00000	-8.50000	-1.4239	-8.9310	-311.95E-6	-1.0709	12.343E-6
	-10.00000	-6.00000	-8.50000	-1.5993	-8.9310	-376.67E-6	-1.1734	13.523E-6
	-9.00000	-6.00000	-8.50000	-1.7888	-8.9310	-458.88E-6	-1.2896	14.860E-6
	-8.00000	-6.00000	-8.50000	-1.9935	-8.9310	-564.42E-6	-1.4219	16.383E-6
	-7.00000	-6.00000	-8.50000	-2.2144	-8.9310	-701.34E-6	-1.5731	18.123E-6
	-6.00000	-6.00000	-8.50000	-2.4524	-8.9310	-880.75E-6	-1.7465	20.117E-6
	-5.00000	-6.00000	-8.50000	-2.7084	-8.9310	-0.0011179	-1.9460	22.410E-6
	-4.00000	-6.00000	-8.50000	-2.9831	-8.9310	-0.0014330	-2.1757	25.049E-6
	-3.00000	-6.00000	-8.50000	-3.2767	-8.9310	-0.0018523	-2.4398	28.081E-6
	-2.00000	-6.00000	-8.50000	-3.5887	-8.9310	-0.0024057	-2.7420	31.547E-6
	-1.00000	-6.00000	-8.50000	-3.9176	-8.9310	-0.0031221	-3.0838	35.466E-6
	0.00000	-6.00000	-8.50000	-4.2608	-8.9310	-0.0040157	-3.4634	39.814E-6
	1.00000	-6.00000	-8.50000	-4.6140	-8.9310	-0.0050687	-3.8733	44.504E-6
	2.00000	-6.00000	-8.50000	-4.9713	-8.9310	-0.0062186	-4.2996	49.384E-6
	3.00000	-6.00000	-8.50000	-5.3260	-8.9310	-0.0073683	-4.7250	54.252E-6
	4.00000	-6.00000	-8.50000	-5.6716	-8.9310	-0.0084205	-5.1316	58.906E-6
	5.00000	-6.00000	-8.50000	-6.0022	-8.9310	-0.0093129	-5.5059	63.193E-6
	6.00000	-6.00000	-8.50000	-6.3134	-8.9310	-0.0100027	-5.8404	67.026E-6
	7.00000	-6.00000	-8.50000	-6.6025	-8.9310	-0.0105579	-6.1329	70.382E-6
	8.00000	-6.00000	-8.50000	-6.8679	-8.9310	-0.0109955	-6.3852	73.278E-6
	9.00000	-6.00000	-8.50000	-7.1090	-8.9310	-0.0113307	-6.6008	75.754E-6
	10.00000	-6.00000	-8.50000	-7.3260	-8.9310	-0.0115540	-6.7838	77.857E-6
	11.00000	-6.00000	-8.50000	-7.5192	-8.9310	-0.0115715	-6.9383	79.634E-6
	12.00000	-6.00000	-8.50000	-7.6894	-8.9310	-0.0114846	-7.0680	81.125E-6
	13.00000	-6.00000	-8.50000	-7.8373	-8.9310	-0.0113945	-7.1759	82.366E-6
	14.00000	-6.00000	-8.50000	-7.9637	-8.9310	-0.0112020	-7.2648	83.389E-6
	15.00000	-6.00000	-8.50000	-8.0691	-8.9310	-0.0112077	-7.3367	84.216E-6
	16.00000	-6.00000	-8.50000	-8.1543	-8.9310	-0.0112118	-7.3933	84.868E-6
	17.00000	-6.00000	-8.50000	-8.2197	-8.9310	-0.0112148	-7.4359	85.359E-6
	18.00000	-6.00000	-8.50000	-8.2658	-8.9310	-0.0112168	-7.4656	85.700E-6
	19.00000	-6.00000	-8.50000	-8.2928	-8.9310	-0.0112180	-7.4828	85.899E-6
	20.00000	-6.00000	-8.50000	-8.3010	-8.9310	-0.0112183	-7.4882	85.960E-6
	21.00000	-6.00000	-8.50000	-8.2903	-8.9310	-0.0112179	-7.4817	85.885E-6
	22.00000	-6.00000	-8.50000	-8.2607	-8.9310	-0.0112167	-7.4632	85.672E-6
	23.00000	-6.00000	-8.50000	-8.2121	-8.9310	-0.0112147	-7.4323	85.317E-6
	24.00000	-6.00000	-8.50000	-8.1441	-8.9310	-0.0112116	-7.3885	84.813E-6
	25.00000	-6.00000	-8.50000	-8.0564	-8.9310	-0.0112074	-7.3307	84.147E-6
	26.00000	-6.00000	-8.50000	-7.9484	-8.9310	-0.0112018	-7.2575	83.305E-6
	27.00000	-6.00000	-8.50000	-7.8196	-8.9310	-0.0111942	-7.1675	82.269E-6
	28.00000	-6.00000	-8.50000	-7.6692	-8.9310	-0.0111842	-7.0583	81.013E-6
	29.00000	-6.00000	-8.50000	-7.4966	-8.9310	-0.0111710	-6.9274	79.508E-6
	30.00000	-6.00000	-8.50000	-7.3010	-8.9310	-0.0111535	-6.7717	77.718E-6
	31.00000	-6.00000	-8.50000	-7.0818	-8.9310	-0.0111302	-6.5876	75.602E-6
	32.00000	-6.00000	-8.50000	-6.8384	-8.9310	-0.0110989	-6.3709	73.113E-6
	33.00000	-6.00000	-8.50000	-6.5710	-8.9310	-0.0110572	-6.1175	70.205E-6
	34.00000	-6.00000	-8.50000	-6.2800	-8.9310	-0.0110021	-5.8240	66.838E-6
	35.00000	-6.00000	-8.50000	-5.9670	-8.9310	-0.0093059	-5.4887	62.995E-6
	36.00000	-6.00000	-8.50000	-5.6349	-8.9310	-0.0084132	-5.1137	58.699E-6
	37.00000	-6.00000	-8.50000	-5.2879	-8.9310	-0.0073607	-4.7064	54.037E-6
	38.00000	-6.00000	-8.50000	-4.9320	-8.9310	-0.0062109	-4.2805	49.163E-6
	39.00000	-6.00000	-8.50000	-4.5738	-8.9310	-0.0050608	-3.8536	44.279E-6
	40.00000	-6.00000	-8.50000	-4.2200	-8.9310	-0.0040078	-3.4436	39.586E-6
	41.00000	-6.00000	-8.50000	-3.8764	-8.9310	-0.0031142	-3.0639	35.237E-6
	42.00000	-6.00000	-8.50000	-3.5472	-8.9310	-0.0023980	-2.7221	31.319E-6
	43.00000	-6.00000	-8.50000	-3.2352	-8.9310	-0.0018447	-2.4202	27.854E-6
	44.00000	-6.00000	-8.50000	-2.9419	-8.9310	-0.0014257	-2.1563	24.825E-6
	45.00000	-6.00000	-8.50000	-2.6677	-8.9310	-0.0011108	-1.9270	22.191E-6
	46.00000	-6.00000	-8.50000	-2.4123	-8.9310	-874.01E-6	-1.7281	19.904E-6
	47.00000	-6.00000	-8.50000	-2.1751	-8.9310	-694.95E-6	-1.5552	17.916E-6
	48.00000	-6.00000	-8.50000	-1.9552	-8.9310	-558.41E-6	-1.4046	16.184E-6
	49.00000	-6.00000	-8.50000	-1.7516	-8.9310	-453.26E-6	-1.2730	14.669E-6
	50.00000	-6.00000	-8.50000	-1.5633	-8.9310	-371.44E-6	-1.1575	13.340E-6
	51.00000	-6.00000	-8.50000	-1.3891	-8.9310	-307.12E-6	-1.0558	12.169E-6
	52.00000	-6.00000	-8.50000	-1.2283	-8.9310	-256.04E-6	-0.96585	11.133E-6
	53.00000	-6.00000	-8.50000	-1.0797	-8.9310	-215.09E-6	-0.88598	10.213E-6
	54.00000	-6.00000	-8.50000	-0.94243	-8.9310	-181.96E-6	-0.81480	9.3930E-6
	55.00000	-6.00000	-8.50000	-0.81577	-8.9310	-154.94E-6	-0.75114	8.6596E-6
	56.00000	-6.00000	-8.50000	-0.69889	-8.9310	-132.71E-6	-0.69402	8.0015E-6
	57.00000	-6.00000	-8.50000	-0.59108	-8.9310	-114.31E-6	-0.64260	7.4090E-6
	58.00000	-6.00000	-8.50000	-0.49167	-8.9310	-98.953E-6	-0.59618	6.8740E-6
	59.00000	-6.00000	-8.50000	-0.40005	-8.9310	-86.068E-6	-0.55416	6.3897E-6
	60.00000	-6.00000	-8.50000	-0.31565	-8.9310	-75.190E-6	-0.51601	5.9500E-6
	-20.00000	-5.00000	-8.50000	-0.38383	-8.9310	-82.716E-6	-0.54493	6.2834E-6
	-19.00000	-5.00000	-8.50000	-0.47482	-8.9310	-94.953E-6	-0.58631	6.7603E-6
	-18.00000	-5.00000	-8.50000	-0.57368	-8.9310	-109.51E-6	-0.63203	7.2871E-6
	-17.00000	-5.00000	-8.50000	-0.68105	-8.9310	-126.92E-6	-0.68267	7.8707E-6
	-16.00000	-5.00000	-8.50000	-0.79763	-8.9310	-147.91E-6	-0.73894	8.5191E-6
	-15.00000	-5.00000	-8.50000	-0.92420	-8.9310	-173.41E-6	-0.80169	9.2421E-6
	-14.00000	-5.00000	-8.50000	-1.0616	-8.9310	-204.63E-6	-0.87190	10.051E-6
	-13.00000	-5.00000	-8.50000	-1.2107	-8.9310	-243.22E-6	-0.95077	10.959E-6
	-12.00000	-5.00000	-8.50000	-1.3725	-8.9310	-291.40E-6	-1.0398	11.984E-6
	-11.00000	-5.00000	-8.50000	-1.5482	-8.9310	-352.20E-6	-1.1406	13.146E-6
	-10.00000	-5.00000	-8.50000	-1.7388	-8.9310	-429.86E-6	-1.2555	14.468E-6
	-9.00000	-5.00000	-8.50000	-1.9458	-8.9310	-530.33E-6	-1.3870	15.982E-6
	-8.00000	-5.00000	-8.50000	-2.1705	-8.9310	-662.15E-6	-1.5385	17.725E-6
	-7.00000	-5.00000	-8.50000	-2.4144	-8.9310	-837.66E-6	-1.7140	19.744E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-6.00000	-5.00000	-8.50000	-2.6790	-8.9310	-0.0010749	-1.9186	22.095E-6
	-5.00000	-5.00000	-8.50000	-2.9659	-8.9310	-0.0014005	-2.1583	24.849E-6
	-4.00000	-5.00000	-8.50000	-3.2764	-8.9310	-0.0018534	-2.4406	28.091E-6
	-3.00000	-5.00000	-8.50000	-3.6116	-8.9310	-0.0024896	-2.7740	31.915E-6
	-2.00000	-5.00000	-8.50000	-3.9719	-8.9310	-0.0033844	-3.1672	36.419E-6
	-1.00000	-5.00000	-8.50000	-4.3562	-8.9310	-0.0046272	-3.6273	41.683E-6
	0.00000	-5.00000	-8.50000	-4.7617	-8.9310	-0.0062927	-4.1555	47.719E-6
	1.00000	-5.00000	-8.50000	-5.1830	-8.9310	-0.0083793	-4.7424	54.418E-6
	2.00000	-5.00000	-8.50000	-5.6117	-8.9310	-0.010742	-5.3638	61.504E-6
	3.00000	-5.00000	-8.50000	-6.0377	-8.9310	-0.013104	-5.9840	68.577E-6
	4.00000	-5.00000	-8.50000	-6.4509	-8.9310	-0.015190	-6.5676	75.236E-6
	5.00000	-5.00000	-8.50000	-6.8430	-8.9310	-0.016854	-7.0902	81.207E-6
	6.00000	-5.00000	-8.50000	-7.2085	-8.9310	-0.018095	-7.5422	86.379E-6
	7.00000	-5.00000	-8.50000	-7.5444	-8.9310	-0.018987	-7.9251	90.765E-6
	8.00000	-5.00000	-8.50000	-7.8497	-8.9310	-0.019620	-8.2459	94.443E-6
	9.00000	-5.00000	-8.50000	-8.1246	-8.9310	-0.020069	-8.5131	97.511E-6
	10.00000	-5.00000	-8.50000	-8.3700	-8.9310	-0.020390	-8.7352	100.06E-6
	11.00000	-5.00000	-8.50000	-8.5871	-8.9310	-0.020622	-8.9195	102.18E-6
	12.00000	-5.00000	-8.50000	-8.7772	-8.9310	-0.020791	-9.0719	103.93E-6
	13.00000	-5.00000	-8.50000	-8.9417	-8.9310	-0.020916	-9.1974	105.37E-6
	14.00000	-5.00000	-8.50000	-9.0815	-8.9310	-0.021009	-9.2997	106.55E-6
	15.00000	-5.00000	-8.50000	-9.1979	-8.9310	-0.021077	-9.3818	107.50E-6
	16.00000	-5.00000	-8.50000	-9.2917	-8.9310	-0.021127	-9.4461	108.24E-6
	17.00000	-5.00000	-8.50000	-9.3636	-8.9310	-0.021162	-9.4943	108.79E-6
	18.00000	-5.00000	-8.50000	-9.4141	-8.9310	-0.021186	-9.5277	109.18E-6
	19.00000	-5.00000	-8.50000	-9.4437	-8.9310	-0.021200	-9.5471	109.40E-6
	20.00000	-5.00000	-8.50000	-9.4526	-8.9310	-0.021204	-9.5531	109.47E-6
	21.00000	-5.00000	-8.50000	-9.4409	-8.9310	-0.021199	-9.5458	109.38E-6
	22.00000	-5.00000	-8.50000	-9.4085	-8.9310	-0.021185	-9.5250	109.15E-6
	23.00000	-5.00000	-8.50000	-9.3552	-8.9310	-0.021161	-9.4902	108.74E-6
	24.00000	-5.00000	-8.50000	-9.2805	-8.9310	-0.021125	-9.4407	108.17E-6
	25.00000	-5.00000	-8.50000	-9.1839	-8.9310	-0.021074	-9.3750	107.42E-6
	26.00000	-5.00000	-8.50000	-9.0647	-8.9310	-0.021005	-9.2914	106.46E-6
	27.00000	-5.00000	-8.50000	-8.9221	-8.9310	-0.020912	-9.1877	105.26E-6
	28.00000	-5.00000	-8.50000	-8.7549	-8.9310	-0.020787	-9.0608	103.80E-6
	29.00000	-5.00000	-8.50000	-8.5620	-8.9310	-0.020617	-8.9070	102.04E-6
	30.00000	-5.00000	-8.50000	-8.3423	-8.9310	-0.020384	-8.7213	99.902E-6
	31.00000	-5.00000	-8.50000	-8.0943	-8.9310	-0.020062	-8.4978	97.335E-6
	32.00000	-5.00000	-8.50000	-7.8169	-8.9310	-0.019613	-8.2293	94.253E-6
	33.00000	-5.00000	-8.50000	-7.5093	-8.9310	-0.018979	-7.9073	90.560E-6
	34.00000	-5.00000	-8.50000	-7.1712	-8.9310	-0.018086	-7.5233	86.161E-6
	35.00000	-5.00000	-8.50000	-6.8037	-8.9310	-0.016845	-7.0702	80.977E-6
	36.00000	-5.00000	-8.50000	-6.4098	-8.9310	-0.015181	-6.5467	74.996E-6
	37.00000	-5.00000	-8.50000	-5.9950	-8.9310	-0.013095	-5.9624	68.327E-6
	38.00000	-5.00000	-8.50000	-5.5677	-8.9310	-0.010732	-5.3415	61.247E-6
	39.00000	-5.00000	-8.50000	-5.1380	-8.9310	-0.0083695	-4.7197	54.156E-6
	40.00000	-5.00000	-8.50000	-4.7161	-8.9310	-0.0062828	-4.1325	47.455E-6
	41.00000	-5.00000	-8.50000	-4.3101	-8.9310	-0.0046174	-3.6042	41.417E-6
	42.00000	-5.00000	-8.50000	-3.9256	-8.9310	-0.0033747	-3.1443	36.155E-6
	43.00000	-5.00000	-8.50000	-3.5654	-8.9310	-0.0024802	-2.7513	31.652E-6
	44.00000	-5.00000	-8.50000	-3.2305	-8.9310	-0.0018444	-2.4183	27.833E-6
	45.00000	-5.00000	-8.50000	-2.9206	-8.9310	-0.0013918	-2.1365	24.598E-6
	46.00000	-5.00000	-8.50000	-2.6345	-8.9310	-0.0010666	-1.8974	21.851E-6
	47.00000	-5.00000	-8.50000	-2.3709	-8.9310	-829.86E-6	-1.6935	19.508E-6
	48.00000	-5.00000	-8.50000	-2.1281	-8.9310	-654.86E-6	-1.5188	17.498E-6
	49.00000	-5.00000	-8.50000	-1.9048	-8.9310	-523.55E-6	-1.3682	15.765E-6
	50.00000	-5.00000	-8.50000	-1.6992	-8.9310	-423.58E-6	-1.2376	14.262E-6
	51.00000	-5.00000	-8.50000	-1.5100	-8.9310	-346.43E-6	-1.1236	12.950E-6
	52.00000	-5.00000	-8.50000	-1.3359	-8.9310	-286.11E-6	-1.0237	11.799E-6
	53.00000	-5.00000	-8.50000	-1.1757	-8.9310	-238.40E-6	-0.93564	10.785E-6
	54.00000	-5.00000	-8.50000	-1.0282	-8.9310	-200.25E-6	-0.85769	9.8871E-6
	55.00000	-5.00000	-8.50000	-0.89251	-8.9310	-169.44E-6	-0.78837	9.0886E-6
	56.00000	-5.00000	-8.50000	-0.76758	-8.9310	-144.32E-6	-0.72649	8.3757E-6
	57.00000	-5.00000	-8.50000	-0.65262	-8.9310	-123.69E-6	-0.67105	7.7368E-6
	58.00000	-5.00000	-8.50000	-0.54683	-8.9310	-106.60E-6	-0.62121	7.1624E-6
	59.00000	-5.00000	-8.50000	-0.44952	-8.9310	-92.342E-6	-0.57625	6.6443E-6
	60.00000	-5.00000	-8.50000	-0.36003	-8.9310	-80.374E-6	-0.53559	6.1756E-6
	-20.00000	-4.00000	-8.50000	-0.43017	-8.9310	-88.372E-6	-0.56548	6.5202E-6
	-19.00000	-4.00000	-8.50000	-0.52650	-8.9310	-101.81E-6	-0.60956	7.0282E-6
	-18.00000	-4.00000	-8.50000	-0.63133	-8.9310	-117.87E-6	-0.65841	7.5912E-6
	-17.00000	-4.00000	-8.50000	-0.74541	-8.9310	-137.20E-6	-0.71272	8.2170E-6
	-16.00000	-4.00000	-8.50000	-0.86953	-8.9310	-160.66E-6	-0.77332	8.9153E-6
	-15.00000	-4.00000	-8.50000	-1.0046	-8.9310	-189.35E-6	-0.84119	9.6972E-6
	-14.00000	-4.00000	-8.50000	-1.1515	-8.9310	-224.79E-6	-0.91751	10.576E-6
	-13.00000	-4.00000	-8.50000	-1.3115	-8.9310	-269.02E-6	-1.0037	11.570E-6
	-12.00000	-4.00000	-8.50000	-1.4856	-8.9310	-324.84E-6	-1.1016	12.697E-6
	-11.00000	-4.00000	-8.50000	-1.6753	-8.9310	-396.20E-6	-1.2134	13.984E-6
	-10.00000	-4.00000	-8.50000	-1.8820	-8.9310	-488.74E-6	-1.3418	15.462E-6
	-9.00000	-4.00000	-8.50000	-2.1075	-8.9310	-610.66E-6	-1.4903	17.170E-6
	-8.00000	-4.00000	-8.50000	-2.3536	-8.9310	-774.11E-6	-1.6633	19.160E-6
	-7.00000	-4.00000	-8.50000	-2.6223	-8.9310	-997.58E-6	-1.8665	21.497E-6
	-6.00000	-4.00000	-8.50000	-2.9160	-8.9310	-0.0013097	-2.1074	24.265E-6
	-5.00000	-4.00000	-8.50000	-3.2372	-8.9310	-0.0017557	-2.3957	27.576E-6
	-4.00000	-4.00000	-8.50000	-3.5883	-8.9310	-0.0024086	-2.7440	31.571E-6
	-3.00000	-4.00000	-8.50000	-3.9717	-8.9310	-0.0033861	-3.1685	36.434E-6
	-2.00000	-4.00000	-8.50000	-4.3895	-8.9310	-0.0048754	-3.6889	42.385E-6
	-1.00000	-4.00000	-8.50000	-4.8421	-8.9310	-0.0071522	-4.3261	49.658E-6
	0.00000	-4.00000	-8.50000	-5.3274	-8.9310	-0.010547	-5.0956	58.416E-6
	1.00000	-4.00000	-8.50000	-5.8386	-8.9310	-0.015245	-5.9911	68.585E-6
	2.00000	-4.00000	-8.50000	-6.3636	-8.9310	-0.020910	-6.9675	79.652E-6
	3.00000	-4.00000	-8.50000	-6.8857	-8.9310	-0.026575	-7.9428	90.706E-6
	4.00000	-4.00000	-8.50000	-7.3885	-8.9310	-0.031272	-8.8347	100.83E-6
	5.00000	-4.00000	-8.50000	-7.8594	-8.9310	-0.034665	-9.5980	109.52E-6
	6.00000	-4.00000	-8.50000	-8.2920	-8.9310	-0.036940	-10.227	116.69E-6
	7.00000	-4.00000	-8.50000	-8.6840	-8.9310	-0.038426	-10.736	122.52E-6
	8.00000	-4.00000	-8.50000	-9.0357	-8.9310	-0.039400	-11.147	127.22E-6
	9.00000	-4.00000	-8.50000	-9.3490	-8.9310	-0.040048	-11.479	131.03E-6
	10.00000	-4.00000	-8.50000	-9.6262	-8.9310	-0.040489	-11.748	134.13E-6
	11.00000	-4.00000	-8.50000	-9.8695	-8.9310	-0.040795	-11.968	136.64E-6
	12.00000	-4.00000	-8.50000	-10.081	-8.9310	-0.041012	-12.146	138.70E-6
	13.00000	-4.00000	-8.50000	-10.263	-8.9310	-0.041168	-12.291	140.36E-6
	14.00000	-4.00000	-8.50000	-10.418	-8.9310	-0.041281	-12.409	141.71E-6
	15.00000	-4.00000	-8.50000	-10.546	-8.9310	-0.041363	-12.502	142.79E-6
	16.00000	-4.00000	-8.50000	-10.649	-8.9310	-0.041422	-12.575	143.62E-6
	17.00000	-4.00000	-8.50000	-10.727	-8.9310	-0.041464	-12.629	144.25E-6
	18.00000	-4.00000	-8.50000	-10.783

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	54.00000	-4.00000	-8.50000	-1.1152	-8.9310	-219.64E-6	-0.90164	10.394E-6
	55.00000	-4.00000	-8.50000	-0.97010	-8.9310	-184.71E-6	-0.82638	9.5265E-6
	56.00000	-4.00000	-8.50000	-0.83692	-8.9310	-156.48E-6	-0.75953	8.7564E-6
	57.00000	-4.00000	-8.50000	-0.71463	-8.9310	-133.46E-6	-0.69991	8.0693E-6
	58.00000	-4.00000	-8.50000	-0.60234	-8.9310	-114.52E-6	-0.64652	7.4541E-6
	59.00000	-4.00000	-8.50000	-0.49924	-8.9310	-98.821E-6	-0.59854	6.9012E-6
	60.00000	-4.00000	-8.50000	-0.40459	-8.9310	-85.708E-6	-0.55528	6.4026E-6
	-20.00000	-3.00000	-8.50000	-0.47655	-8.9310	-94.189E-6	-0.58612	6.7581E-6
	-19.00000	-3.00000	-8.50000	-0.57829	-8.9310	-108.88E-6	-0.63296	7.2979E-6
	-18.00000	-3.00000	-8.50000	-0.68919	-8.9310	-126.52E-6	-0.68504	7.8981E-6
	-17.00000	-3.00000	-8.50000	-0.81008	-8.9310	-147.88E-6	-0.74315	8.5677E-6
	-16.00000	-3.00000	-8.50000	-0.94188	-8.9310	-173.96E-6	-0.80823	9.3175E-6
	-15.00000	-3.00000	-8.50000	-1.0856	-8.9310	-206.08E-6	-0.88142	10.161E-6
	-14.00000	-3.00000	-8.50000	-1.2424	-8.9310	-246.05E-6	-0.96414	11.114E-6
	-13.00000	-3.00000	-8.50000	-1.4135	-8.9310	-296.39E-6	-1.0581	12.196E-6
	-12.00000	-3.00000	-8.50000	-1.6003	-8.9310	-360.58E-6	-1.1654	13.431E-6
	-11.00000	-3.00000	-8.50000	-1.8046	-8.9310	-443.66E-6	-1.2888	14.852E-6
	-10.00000	-3.00000	-8.50000	-2.0281	-8.9310	-552.94E-6	-1.4317	16.497E-6
	-9.00000	-3.00000	-8.50000	-2.2730	-8.9310	-699.42E-6	-1.5986	18.417E-6
	-8.00000	-3.00000	-8.50000	-2.5417	-8.9310	-899.98E-6	-1.7953	20.679E-6
	-7.00000	-3.00000	-8.50000	-2.8370	-8.9310	-0.0011814	-2.0297	23.373E-6
	-6.00000	-3.00000	-8.50000	-3.1621	-8.9310	-0.0015874	-2.3124	26.620E-6
	-5.00000	-3.00000	-8.50000	-3.5208	-8.9310	-0.0021924	-2.6581	30.588E-6
	-4.00000	-3.00000	-8.50000	-3.9172	-8.9310	-0.0031272	-3.0876	35.510E-6
	-3.00000	-3.00000	-8.50000	-4.3561	-8.9310	-0.0046314	-3.6304	41.719E-6
	-2.00000	-3.00000	-8.50000	-4.8422	-8.9310	-0.0071547	-4.3280	49.680E-6
	-1.00000	-3.00000	-8.50000	-5.3794	-8.9310	-0.011540	-5.2369	60.012E-6
	0.00000	-3.00000	-8.50000	-5.9687	-8.9310	-0.019221	-6.4211	73.408E-6
	1.00000	-3.00000	-8.50000	-6.6039	-8.9310	-0.031862	-7.9156	90.209E-6
	2.00000	-3.00000	-8.50000	-7.2665	-8.9310	-0.049089	-9.6407	109.51E-6
	3.00000	-3.00000	-8.50000	-7.9261	-8.9310	-0.066315	-11.365	128.80E-6
	4.00000	-3.00000	-8.50000	-8.5523	-8.9310	-0.078955	-12.855	145.56E-6
	5.00000	-3.00000	-8.50000	-9.1264	-8.9310	-0.086635	-14.033	158.88E-6
	6.00000	-3.00000	-8.50000	-9.6424	-8.9310	-0.091017	-14.932	169.11E-6
	7.00000	-3.00000	-8.50000	-10.101	-8.9310	-0.093537	-15.618	176.93E-6
	8.00000	-3.00000	-8.50000	-10.506	-8.9310	-0.095037	-16.146	182.97E-6
	9.00000	-3.00000	-8.50000	-10.863	-8.9310	-0.095966	-16.558	187.69E-6
	10.00000	-3.00000	-8.50000	-11.175	-8.9310	-0.096565	-16.884	191.42E-6
	11.00000	-3.00000	-8.50000	-11.446	-8.9310	-0.096965	-17.143	194.40E-6
	12.00000	-3.00000	-8.50000	-11.681	-8.9310	-0.097239	-17.351	196.79E-6
	13.00000	-3.00000	-8.50000	-11.882	-8.9310	-0.097431	-17.518	198.71E-6
	14.00000	-3.00000	-8.50000	-12.052	-8.9310	-0.097567	-17.651	200.25E-6
	15.00000	-3.00000	-8.50000	-12.192	-8.9310	-0.097665	-17.757	201.46E-6
	16.00000	-3.00000	-8.50000	-12.305	-8.9310	-0.097735	-17.839	202.40E-6
	17.00000	-3.00000	-8.50000	-12.390	-8.9310	-0.097783	-17.899	203.10E-6
	18.00000	-3.00000	-8.50000	-12.450	-8.9310	-0.097815	-17.941	203.58E-6
	19.00000	-3.00000	-8.50000	-12.486	-8.9310	-0.097834	-17.965	203.86E-6
	20.00000	-3.00000	-8.50000	-12.496	-8.9310	-0.097839	-17.973	203.94E-6
	21.00000	-3.00000	-8.50000	-12.482	-8.9310	-0.097833	-17.963	203.84E-6
	22.00000	-3.00000	-8.50000	-12.444	-8.9310	-0.097814	-17.937	203.54E-6
	23.00000	-3.00000	-8.50000	-12.380	-8.9310	-0.097781	-17.894	203.04E-6
	24.00000	-3.00000	-8.50000	-12.291	-8.9310	-0.097732	-17.832	202.32E-6
	25.00000	-3.00000	-8.50000	-12.175	-8.9310	-0.097661	-17.748	201.36E-6
	26.00000	-3.00000	-8.50000	-12.032	-8.9310	-0.097562	-17.641	200.12E-6
	27.00000	-3.00000	-8.50000	-11.859	-8.9310	-0.097425	-17.505	198.57E-6
	28.00000	-3.00000	-8.50000	-11.654	-8.9310	-0.097232	-17.336	196.62E-6
	29.00000	-3.00000	-8.50000	-11.416	-8.9310	-0.096957	-17.126	194.21E-6
	30.00000	-3.00000	-8.50000	-11.140	-8.9310	-0.096557	-16.865	191.21E-6
	31.00000	-3.00000	-8.50000	-10.825	-8.9310	-0.095956	-16.538	187.45E-6
	32.00000	-3.00000	-8.50000	-10.465	-8.9310	-0.095026	-16.124	182.71E-6
	33.00000	-3.00000	-8.50000	-10.057	-8.9310	-0.093525	-15.594	176.65E-6
	34.00000	-3.00000	-8.50000	-9.5956	-8.9310	-0.091004	-14.906	168.81E-6
	35.00000	-3.00000	-8.50000	-9.0771	-8.9310	-0.086621	-14.005	158.56E-6
	36.00000	-3.00000	-8.50000	-8.5006	-8.9310	-0.078941	-12.826	145.23E-6
	37.00000	-3.00000	-8.50000	-7.8724	-8.9310	-0.066300	-11.335	128.46E-6
	38.00000	-3.00000	-8.50000	-7.2112	-8.9310	-0.049073	-9.6101	109.16E-6
	39.00000	-3.00000	-8.50000	-6.5473	-8.9310	-0.031847	-7.8844	89.850E-6
	40.00000	-3.00000	-8.50000	-5.9112	-8.9310	-0.019205	-6.3896	73.045E-6
	41.00000	-3.00000	-8.50000	-5.3214	-8.9310	-0.011524	-5.2054	59.649E-6
	42.00000	-3.00000	-8.50000	-4.7841	-8.9310	-0.0071394	-4.2967	49.319E-6
	43.00000	-3.00000	-8.50000	-4.2983	-8.9310	-0.0046165	-3.5995	41.363E-6
	44.00000	-3.00000	-8.50000	-3.8600	-8.9310	-0.0031130	-3.0574	35.162E-6
	45.00000	-3.00000	-8.50000	-3.4645	-8.9310	-0.0021789	-2.6288	30.250E-6
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	47.00000	-3.00000	-8.50000	-2.7834	-8.9310	-0.0011696	-2.0026	23.061E-6
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	50.00000	-3.00000	-8.50000	-1.9800	-8.9310	-543.77E-6	-1.4086	16.230E-6
	51.00000	-3.00000	-8.50000	-1.7585	-8.9310	-435.32E-6	-1.2670	14.601E-6
	52.00000	-3.00000	-8.50000	-1.5564	-8.9310	-353.05E-6	-1.1450	13.196E-6
	53.00000	-3.00000	-8.50000	-1.3717	-8.9310	-289.60E-6	-1.0390	11.976E-6
	54.00000	-3.00000	-8.50000	-1.2027	-8.9310	-239.97E-6	-0.94639	10.909E-6
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	56.00000	-3.00000	-8.50000	-0.90652	-8.9310	-169.10E-6	-0.79294	9.1413E-6
	57.00000	-3.00000	-8.50000	-0.77680	-8.9310	-143.56E-6	-0.72900	8.4046E-6
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	59.00000	-3.00000	-8.50000	-0.54895	-8.9310	-105.46E-6	-0.62089	7.1588E-6
	60.00000	-3.00000	-8.50000	-0.44908	-8.9310	-91.157E-6	-0.57500	6.6299E-6
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	-19.00000	-2.00000	-8.50000	-0.62992	-8.9310	-116.12E-6	-0.65641	7.5682E-6
	-18.00000	-2.00000	-8.50000	-0.74695	-8.9310	-135.42E-6	-0.71179	8.2063E-6
	-17.00000	-2.00000	-8.50000	-0.87473	-8.9310	-158.90E-6	-0.77377	8.9206E-6
	-16.00000	-2.00000	-8.50000	-1.0143	-8.9310	-187.71E-6	-0.84346	9.7234E-6
	-15.00000	-2.00000	-8.50000	-1.1668	-8.9310	-223.44E-6	-0.92215	10.630E-6
	-14.00000	-2.00000	-8.50000	-1.3336	-8.9310	-268.23E-6	-1.0115	11.659E-6
	-13.00000	-2.00000	-8.50000	-1.5161	-8.9310	-325.08E-6	-1.1134	12.833E-6
	-12.00000	-2.00000	-8.50000	-1.7160	-8.9310	-398.27E-6	-1.2306	14.182E-6
	-11.00000	-2.00000	-8.50000	-1.9352	-8.9310	-494.05E-6	-1.3662	15.743E-6
	-10.00000	-2.00000	-8.50000	-2.1761	-8.9310	-621.72E-6	-1.5245	17.565E-6
	-9.00000	-2.00000	-8.50000	-2.4411	-8.9310	-795.56E-6	-1.7111	19.711E-6
	-8.00000	-2.00000	-8.50000	-2.7334	-8.9310	-0.0010383	-1.9334	22.268E-6
	-7.00000	-2.00000	-8.50000	-3.0566	-8.9310	-0.0013871	-2.2020	25.354E-6
	-6.00000	-2.00000	-8.50000	-3.4152	-8.9310	-0.0019062	-2.5314	29.136E-6
	-5.00000	-2.00000	-8.50000	-3.8144	-8.9310	-0.0027112	-2.9432	33.858E-6
	-4.00000	-2.00000	-8.50000	-4.2606	-8.9310	-0.0040240	-3.4696	39.885E-6
	-3.00000	-2.00000	-8.50000	-4.7619	-8.9310	-0.0063002	-4.1612	47.785E-6
	-2.00000	-2.00000	-8.50000	-5.3277	-8.9310	-0.010553	-5.1002	58.469E-6
	-1.00000	-2.00000	-8.50000	-5.9690	-8.9310	-0.019225	-6.4239	73.439E-6
	0.00000	-2.00000	-8.50000	-6.6961	-8.9310	-0.038507	-8.3577	95.080E-6
	1.00000	-2.00000	-8.50000	-7.5114	-8.9310	-0.082196	-11.194	126.28E-6
	2.00000	-2.00000	-8.50000	-8.3895	-8.9310	-0.16086	-14.927	166.63E-6
	3.00000	-2.00000	-8.50000	-9.2644	-8.9310	-0.23953	-18.659	206.99E-6
	4.00000	-2.00000	-8.50000	-10.070	-8.9310	-0.28322	-21.490	238.11E-6
	5.00000	-2.00000	-8.50000	-10.781	-8.9310	-0.30250	-23.417	259.66E-6
	6.00000	-2.00000	-8.50000	-11.400	-8.9310	-0.31116	-24.731	274.52E-6
	7.00000	-2.00000	-8.50000	-11.936	-8.9310	-0.31541	-25.657	285.05E-6
	8.00000	-2.00000	-8.50000	-12.402	-8.9310	-0.31768	-26.332	292.77E-6
	9.00000	-2.00000	-8.50000	-12.806	-8.9310	-0.31899	-26.840	298.58E-6
	10.00000	-2.00000	-8.50000	-13.156	-8.9310	-0.31979	-27.230	303.05E-6
	11.00000	-2.00000	-8.50000	-13.458	-8.9310	-0.32030	-27.534	306.54E-6
	12.00000	-2.00000	-8.50000	-13.717	-8.9310	-0.32064	-27.775	309.30E-6
	13.00000	-2.00000	-8.50000	-13.938	-8.9310	-0.32087	-27.961	311.49E-6
	14.00000	-2.00000	-8.50000	-14.123	-8.9310	-0.32104	-28.116	313.23E-6
	15.00000	-2.00000	-8.50000	-14.276	-8.9310	-0.32115	-28.234	314.59E-6
	16.00000	-2.00000	-8.50000	-14.398	-8.9310	-0.32123	-28.325	315.64E-6
	17.00000	-2.00000	-8.50000	-14.491	-8.9310	-0.32129	-28.393	316.41E-6
	18.00000	-2.00000	-8.50000	-14.556	-8.9310	-0.32133	-28.439	316.95E-6
	19.00000	-2.00000	-8.50000	-14.594	-8.9310	-0.32135	-28.466	317.25E-6
	20.00000	-2.00000	-8.50000	-14.606	-8.9310	-0.32135	-28.474	317.35E-6
	21.00000	-2.00000	-8.50000	-14.591	-8.9310	-0.32134	-28.464	317.23E-6
	22.00000	-2.00000	-8.50000	-14.549	-8.9310	-0.32132	-28.435	316.90E-6
	23.00000	-2.00000	-8.50000	-14.480	-8.9310	-0.32129	-28.387	316.35E-6
	24.00000	-2.00000	-8.50000	-14.383	-8.9310	-0.32123	-28.317	315.55E-6
	25.00000	-2.00000	-8.50000	-14.257	-8.9310	-0.32115	-28.224	314.47E-6
	26.00000	-2.00000	-8.50000	-14.101	-8.9310	-0.32103	-28.104	313.09E-6
	27.00000	-2.00000	-8.50000	-13.911	-8.9310	-0.32087	-27.951	311.33E-6
	28.00000	-2.00000	-8.50000	-13.687	-8.9310	-0.32063	-27.758	309.11E-6
	29.00000	-2.00000	-8.50000	-13.423	-8.9310	-0.32029	-27.515	306.32E-6
	30.00000	-2.00000	-8.50000	-13.117	-8.9310	-0.31978	-27.208	302.80E-6
	31.00000	-2.00000	-8.50000	-12.764	-8.9310	-0.31898	-26.816	298.31E-6
	32.00000	-2.00000	-8.50000	-12.356	-8.9310	-0.31767	-26.306	292.47E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	33.00000	-2.00000	-8.50000	-11.887	-8.9310	-0.31540	-25.628	284.73E-6
	34.00000	-2.00000	-8.50000	-11.347	-8.9310	-0.31115	-24.700	274.17E-6
	35.00000	-2.00000	-8.50000	-10.726	-8.9310	-0.30248	-23.385	259.29E-6
	36.00000	-2.00000	-8.50000	-10.012	-8.9310	-0.28320	-21.457	237.72E-6
	37.00000	-2.00000	-8.50000	-9.2039	-8.9310	-0.23951	-18.624	206.55E-6
	38.00000	-2.00000	-8.50000	-8.3271	-8.9310	-0.16084	-14.891	166.21E-6
	39.00000	-2.00000	-8.50000	-7.4476	-8.9310	-0.082176	-11.157	125.86E-6
	40.00000	-2.00000	-8.50000	-6.6314	-8.9310	-0.038487	-8.3205	94.652E-6
	41.00000	-2.00000	-8.50000	-5.9037	-8.9310	-0.019205	-6.3867	73.011E-6
	42.00000	-2.00000	-8.50000	-5.2624	-8.9310	-0.010533	-5.0633	58.044E-6
	43.00000	-2.00000	-8.50000	-4.6970	-8.9310	-0.0062814	-4.1250	47.367E-6
	44.00000	-2.00000	-8.50000	-4.1965	-8.9310	-0.0040060	-3.4343	39.478E-6
	45.00000	-2.00000	-8.50000	-3.7514	-8.9310	-0.0026942	-2.9090	33.464E-6
	46.00000	-2.00000	-8.50000	-3.3538	-8.9310	-0.0018903	-2.4986	28.758E-6
	47.00000	-2.00000	-8.50000	-2.9970	-8.9310	-0.0013724	-2.1706	24.992E-6
	48.00000	-2.00000	-8.50000	-2.6758	-8.9310	-0.0010248	-1.9037	21.925E-6
	49.00000	-2.00000	-8.50000	-2.3857	-8.9310	-783.25E-6	-1.6830	19.387E-6
	50.00000	-2.00000	-8.50000	-2.1230	-8.9310	-610.55E-6	-1.4981	17.261E-6
	51.00000	-2.00000	-8.50000	-1.8846	-8.9310	-483.98E-6	-1.3415	15.459E-6
	52.00000	-2.00000	-8.50000	-1.6678	-8.9310	-389.24E-6	-1.2076	13.917E-6
	53.00000	-2.00000	-8.50000	-1.4704	-8.9310	-317.00E-6	-1.0920	12.586E-6
	54.00000	-2.00000	-8.50000	-1.2904	-8.9310	-261.03E-6	-0.99161	11.430E-6
	55.00000	-2.00000	-8.50000	-1.1261	-8.9310	-217.05E-6	-0.90378	10.418E-6
	56.00000	-2.00000	-8.50000	-0.97599	-8.9310	-182.05E-6	-0.82650	9.5280E-6
	57.00000	-2.00000	-8.50000	-0.83876	-8.9310	-153.88E-6	-0.75815	8.7405E-6
	58.00000	-2.00000	-8.50000	-0.71323	-8.9310	-130.99E-6	-0.69741	8.0406E-6
	59.00000	-2.00000	-8.50000	-0.59838	-8.9310	-112.21E-6	-0.64320	7.4159E-6
	-20.00000	-2.00000	-8.50000	-0.49328	-8.9310	-96.680E-6	-0.59462	6.8561E-6
	-19.00000	-1.00000	-8.50000	-0.56849	-8.9310	-106.16E-6	-0.62728	7.2325E-6
	-18.00000	-1.00000	-8.50000	-0.68112	-8.9310	-123.48E-6	-0.67978	7.8375E-6
	-17.00000	-1.00000	-8.50000	-0.80428	-8.9310	-144.49E-6	-0.73849	8.5140E-6
	-16.00000	-1.00000	-8.50000	-0.93898	-8.9310	-170.15E-6	-0.80442	9.2737E-6
	-15.00000	-1.00000	-8.50000	-1.0864	-8.9310	-201.81E-6	-0.87879	10.131E-6
	-14.00000	-1.00000	-8.50000	-1.2478	-8.9310	-241.29E-6	-0.96309	11.102E-6
	-13.00000	-1.00000	-8.50000	-1.4246	-8.9310	-291.09E-6	-1.0592	12.208E-6
	-12.00000	-1.00000	-8.50000	-1.6187	-8.9310	-354.77E-6	-1.1694	13.478E-6
	-11.00000	-1.00000	-8.50000	-1.8318	-8.9310	-437.44E-6	-1.2967	14.944E-6
	-10.00000	-1.00000	-8.50000	-2.0663	-8.9310	-546.68E-6	-1.4450	16.650E-6
	-9.00000	-1.00000	-8.50000	-2.3248	-8.9310	-693.97E-6	-1.6193	18.656E-6
	-8.00000	-1.00000	-8.50000	-2.6105	-8.9310	-897.34E-6	-1.8265	21.039E-6
	-7.00000	-1.00000	-8.50000	-2.9271	-8.9310	-0.0011861	-2.0759	23.906E-6
	-6.00000	-1.00000	-8.50000	-3.2793	-8.9310	-0.0016100	-2.3809	27.410E-6
	-5.00000	-1.00000	-8.50000	-3.6727	-8.9310	-0.0022580	-2.7610	31.773E-6
	-4.00000	-1.00000	-8.50000	-4.1146	-8.9310	-0.0032993	-3.2459	37.329E-6
	-3.00000	-1.00000	-8.50000	-4.6142	-8.9310	-0.0050814	-3.8827	44.614E-6
	-2.00000	-1.00000	-8.50000	-5.1837	-8.9310	-0.0083916	-4.7517	54.524E-6
	-1.00000	-1.00000	-8.50000	-5.8396	-8.9310	-0.015256	-5.9994	68.680E-6
	0.00000	-1.00000	-8.50000	-6.6049	-8.9310	-0.031871	-7.9222	90.285E-6
	1.00000	-1.00000	-8.50000	-7.5121	-8.9310	-0.082201	-11.198	126.33E-6
	2.00000	-1.00000	-8.50000	-8.6020	-8.9310	-0.28792	-17.551	192.51E-6
	3.00000	-1.00000	-8.50000	-9.8765	-8.9310	-1.1068	-29.772	305.14E-6
	4.00000	-1.00000	-8.50000	-11.148	-8.9310	-1.9257	-41.991	417.75E-6
	5.00000	-1.00000	-8.50000	-12.227	-8.9310	-2.1315	-48.340	483.87E-6
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	7.00000	-1.00000	-8.50000	-13.859	-8.9310	-2.1984	-53.519	541.30E-6
	8.00000	-1.00000	-8.50000	-14.483	-8.9310	-2.2053	-54.752	555.29E-6
	9.00000	-1.00000	-8.50000	-15.015	-8.9310	-2.2086	-55.604	565.00E-6
	10.00000	-1.00000	-8.50000	-15.470	-8.9310	-2.2103	-56.221	572.05E-6
	11.00000	-1.00000	-8.50000	-15.859	-8.9310	-2.2114	-56.682	577.34E-6
	12.00000	-1.00000	-8.50000	-16.193	-8.9310	-2.2120	-57.035	581.39E-6
	13.00000	-1.00000	-8.50000	-16.478	-8.9310	-2.2124	-57.310	584.54E-6
	14.00000	-1.00000	-8.50000	-16.719	-8.9310	-2.2127	-57.525	587.02E-6
	15.00000	-1.00000	-8.50000	-16.921	-8.9310	-2.2129	-57.694	588.96E-6
	16.00000	-1.00000	-8.50000	-17.086	-8.9310	-2.2130	-57.826	590.48E-6
	17.00000	-1.00000	-8.50000	-17.218	-8.9310	-2.2131	-57.927	591.64E-6
	18.00000	-1.00000	-8.50000	-17.319	-8.9310	-2.2132	-58.001	592.49E-6
	19.00000	-1.00000	-8.50000	-17.389	-8.9310	-2.2132	-58.052	593.08E-6
	20.00000	-1.00000	-8.50000	-17.430	-8.9310	-2.2133	-58.081	593.41E-6
	21.00000	-1.00000	-8.50000	-17.442	-8.9310	-2.2133	-58.090	593.52E-6
	22.00000	-1.00000	-8.50000	-17.426	-8.9310	-2.2133	-58.079	593.39E-6
	23.00000	-1.00000	-8.50000	-17.381	-8.9310	-2.2132	-58.047	593.02E-6
	24.00000	-1.00000	-8.50000	-17.307	-8.9310	-2.2132	-57.994	592.41E-6
	25.00000	-1.00000	-8.50000	-17.202	-8.9310	-2.2131	-57.917	591.53E-6
	26.00000	-1.00000	-8.50000	-17.066	-8.9310	-2.2130	-57.814	590.35E-6
	27.00000	-1.00000	-8.50000	-16.896	-8.9310	-2.2129	-57.680	588.80E-6
	28.00000	-1.00000	-8.50000	-16.690	-8.9310	-2.2127	-57.508	586.83E-6
	29.00000	-1.00000	-8.50000	-16.444	-8.9310	-2.2124	-57.290	584.32E-6
	30.00000	-1.00000	-8.50000	-16.155	-8.9310	-2.2120	-57.013	581.14E-6
	31.00000	-1.00000	-8.50000	-15.817	-8.9310	-2.2114	-56.657	577.05E-6
	32.00000	-1.00000	-8.50000	-15.423	-8.9310	-2.2103	-56.193	571.73E-6
	33.00000	-1.00000	-8.50000	-14.964	-8.9310	-2.2086	-55.574	564.65E-6
	34.00000	-1.00000	-8.50000	-14.428	-8.9310	-2.2052	-54.719	554.91E-6
	35.00000	-1.00000	-8.50000	-13.800	-8.9310	-2.1984	-53.483	540.89E-6
	36.00000	-1.00000	-8.50000	-13.055	-8.9310	-2.1818	-51.569	519.38E-6
	37.00000	-1.00000	-8.50000	-12.162	-8.9310	-2.1314	-48.299	483.41E-6
	38.00000	-1.00000	-8.50000	-11.079	-8.9310	-1.9257	-41.949	417.27E-6
	39.00000	-1.00000	-8.50000	-9.8060	-8.9310	-1.1068	-29.729	304.64E-6
	40.00000	-1.00000	-8.50000	-8.5299	-8.9310	-0.28789	-17.508	192.00E-6
	41.00000	-1.00000	-8.50000	-7.4389	-8.9310	-0.082175	-11.153	125.82E-6
	42.00000	-1.00000	-8.50000	-6.5312	-8.9310	-0.031845	-7.8780	89.776E-6
	43.00000	-1.00000	-8.50000	-5.7660	-8.9310	-0.015231	-5.9557	68.177E-6
	44.00000	-1.00000	-8.50000	-5.1106	-8.9310	-0.0083673	-4.7088	54.030E-6
	45.00000	-1.00000	-8.50000	-4.5422	-8.9310	-0.0050584	-3.8411	44.135E-6
	46.00000	-1.00000	-8.50000	-4.0441	-8.9310	-0.0032778	-3.2058	36.868E-6
	47.00000	-1.00000	-8.50000	-3.6041	-8.9310	-0.0022380	-2.7227	31.331E-6
	48.00000	-1.00000	-8.50000	-3.2129	-8.9310	-0.0015916	-2.3445	26.991E-6
	49.00000	-1.00000	-8.50000	-2.8631	-8.9310	-0.0011693	-2.0415	23.510E-6
	50.00000	-1.00000	-8.50000	-2.5491	-8.9310	-882.16E-6	-1.7942	20.666E-6
	51.00000	-1.00000	-8.50000	-2.2662	-8.9310	-680.32E-6	-1.5891	18.308E-6
	52.00000	-1.00000	-8.50000	-2.0106	-8.9310	-534.47E-6	-1.4169	16.326E-6
	53.00000	-1.00000	-8.50000	-1.7790	-8.9310	-426.57E-6	-1.2706	14.643E-6
	54.00000	-1.00000	-8.50000	-1.5687	-8.9310	-345.13E-6	-1.1453	13.200E-6
	55.00000	-1.00000	-8.50000	-1.3776	-8.9310	-282.57E-6	-1.0369	11.952E-6
	56.00000	-1.00000	-8.50000	-1.2035	-8.9310	-233.77E-6	-0.94261	10.866E-6
	57.00000	-1.00000	-8.50000	-1.0449	-8.9310	-195.20E-6	-0.85997	9.9137E-6
	58.00000	-1.00000	-8.50000	-0.90013	-8.9310	-164.34E-6	-0.78716	9.0748E-6
	59.00000	-1.00000	-8.50000	-0.76798	-8.9310	-139.38E-6	-0.72268	8.3318E-6
	60.00000	-1.00000	-8.50000	-0.64725	-8.9310	-119.01E-6	-0.66530	7.6707E-6
	-20.00000	0.00000	-8.50000	-0.53694	-8.9310	-102.23E-6	-0.61405	7.0800E-6
	-19.00000	0.00000	-8.50000	-0.61355	-8.9310	-112.23E-6	-0.64757	7.4663E-6
	-18.00000	0.00000	-8.50000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	12.00000	0.00000	-8.50000	-21.616	-8.9310	-79.999	-234.91	-58.613E-6
	13.00000	0.00000	-8.50000	-21.878	-8.9310	-79.999	-235.16	-55.847E-6
	14.00000	0.00000	-8.50000	-22.096	-8.9310	-79.999	-235.34	-53.691E-6
	15.00000	0.00000	-8.50000	-22.274	-8.9310	-79.999	-235.49	-52.020E-6
	16.00000	0.00000	-8.50000	-22.416	-8.9310	-79.999	-235.60	-50.747E-6
	17.00000	0.00000	-8.50000	-22.524	-8.9310	-79.999	-235.68	-49.812E-6
	18.00000	0.00000	-8.50000	-22.599	-8.9310	-79.999	-235.74	-49.175E-6
	19.00000	0.00000	-8.50000	-22.643	-8.9310	-79.999	-235.77	-48.808E-6
	20.00000	0.00000	-8.50000	-22.656	-8.9310	-79.999	-235.78	-48.697E-6
	21.00000	0.00000	-8.50000	-22.639	-8.9310	-79.999	-235.76	-48.837E-6
	22.00000	0.00000	-8.50000	-22.591	-8.9310	-79.999	-235.73	-49.233E-6
	23.00000	0.00000	-8.50000	-22.511	-8.9310	-79.999	-235.67	-49.900E-6
	24.00000	0.00000	-8.50000	-22.399	-8.9310	-79.999	-235.59	-50.865E-6
	25.00000	0.00000	-8.50000	-22.252	-8.9310	-79.999	-235.48	-52.170E-6
	26.00000	0.00000	-8.50000	-22.069	-8.9310	-79.999	-235.33	-53.876E-6
	27.00000	0.00000	-8.50000	-21.846	-8.9310	-79.999	-235.14	-56.067E-6
	28.00000	0.00000	-8.50000	-21.579	-8.9310	-79.999	-234.89	-58.871E-6
	29.00000	0.00000	-8.50000	-21.263	-8.9310	-79.998	-234.58	-62.469E-6
	30.00000	0.00000	-8.50000	-20.892	-8.9310	-79.997	-234.17	-67.141E-6
	31.00000	0.00000	-8.50000	-20.457	-8.9310	-79.996	-233.63	-73.322E-6
	32.00000	0.00000	-8.50000	-19.945	-8.9310	-79.994	-232.90	-81.737E-6
	33.00000	0.00000	-8.50000	-19.340	-8.9310	-79.989	-231.85	-93.677E-6
	34.00000	0.00000	-8.50000	-18.616	-8.9310	-79.979	-230.26	-111.67E-6
	35.00000	0.00000	-8.50000	-17.734	-8.9310	-79.951	-227.59	-141.41E-6
	36.00000	0.00000	-8.50000	-16.626	-8.9310	-79.839	-222.32	-198.42E-6
	37.00000	0.00000	-8.50000	-15.148	-8.9310	-78.893	-207.48	-336.85E-6
	38.00000	0.00000	-8.50000	-12.473	-8.9310	-40.000	-118.60	-16.122E-6
	39.00000	0.00000	-8.50000	-9.7959	-8.9310	-1.1068	-29.725	304.59E-6
	40.00000	0.00000	-8.50000	-8.3084	-8.9310	-0.16084	-14.883	166.12E-6
	41.00000	0.00000	-8.50000	-7.1852	-8.9310	-0.049071	-9.5997	109.04E-6
	42.00000	0.00000	-8.50000	-6.2824	-8.9310	-0.020895	-6.9287	79.205E-6
	43.00000	0.00000	-8.50000	-5.5309	-8.9310	-0.010729	-5.3268	61.078E-6
	44.00000	0.00000	-8.50000	-4.8913	-8.9310	-0.0062076	-4.2642	48.976E-6
	45.00000	0.00000	-8.50000	-4.3384	-8.9310	-0.0039007	-3.5110	40.367E-6
	46.00000	0.00000	-8.50000	-3.8549	-8.9310	-0.0026037	-2.9514	33.957E-6
	47.00000	0.00000	-8.50000	-3.4285	-8.9310	-0.0018197	-2.5210	29.018E-6
	48.00000	0.00000	-8.50000	-3.0498	-8.9310	-0.0013186	-2.1807	25.111E-6
	49.00000	0.00000	-8.50000	-2.7117	-8.9310	-983.66E-6	-1.9060	21.954E-6
	50.00000	0.00000	-8.50000	-2.4084	-8.9310	-751.57E-6	-1.6804	19.358E-6
	51.00000	0.00000	-8.50000	-2.1354	-8.9310	-585.83E-6	-1.4923	17.194E-6
	52.00000	0.00000	-8.50000	-1.8890	-8.9310	-464.43E-6	-1.3336	15.368E-6
	53.00000	0.00000	-8.50000	-1.6659	-8.9310	-373.57E-6	-1.1983	13.810E-6
	54.00000	0.00000	-8.50000	-1.4637	-8.9310	-304.29E-6	-1.0819	12.471E-6
	55.00000	0.00000	-8.50000	-1.2799	-8.9310	-250.60E-6	-0.98111	11.309E-6
	56.00000	0.00000	-8.50000	-1.1128	-8.9310	-208.40E-6	-0.89310	10.295E-6
	57.00000	0.00000	-8.50000	-0.96055	-8.9310	-174.81E-6	-0.81582	9.4051E-6
	58.00000	0.00000	-8.50000	-0.82181	-8.9310	-147.78E-6	-0.74760	8.6190E-6
	59.00000	0.00000	-8.50000	-0.69527	-8.9310	-125.80E-6	-0.68708	7.9216E-6
	60.00000	0.00000	-8.50000	-0.57980	-8.9310	-107.77E-6	-0.63314	7.3001E-6
	-20.00000	1.00000	-8.50000	-0.65764	-8.9310	-118.30E-6	-0.66750	7.6960E-6
	-19.00000	1.00000	-8.50000	-0.78103	-8.9310	-138.36E-6	-0.72569	8.3666E-6
	-18.00000	1.00000	-8.50000	-0.91632	-8.9310	-162.85E-6	-0.79111	9.1204E-6
	-17.00000	1.00000	-8.50000	-1.0647	-8.9310	-193.02E-6	-0.86498	9.9715E-6
	-16.00000	1.00000	-8.50000	-1.2277	-8.9310	-230.54E-6	-0.94881	10.937E-6
	-15.00000	1.00000	-8.50000	-1.4068	-8.9310	-277.74E-6	-1.0445	12.039E-6
	-14.00000	1.00000	-8.50000	-1.6038	-8.9310	-337.90E-6	-1.1543	13.304E-6
	-13.00000	1.00000	-8.50000	-1.8209	-8.9310	-415.70E-6	-1.2813	14.766E-6
	-12.00000	1.00000	-8.50000	-2.0605	-8.9310	-518.00E-6	-1.4293	16.470E-6
	-11.00000	1.00000	-8.50000	-2.3257	-8.9310	-655.18E-6	-1.6034	18.474E-6
	-10.00000	1.00000	-8.50000	-2.6198	-8.9310	-843.33E-6	-1.8106	20.857E-6
	-9.00000	1.00000	-8.50000	-2.9472	-8.9310	-0.0011084	-2.0601	23.726E-6
	-8.00000	1.00000	-8.50000	-3.3131	-8.9310	-0.0014940	-2.3654	27.235E-6
	-7.00000	1.00000	-8.50000	-3.7242	-8.9310	-0.0020771	-2.7461	31.606E-6
	-6.00000	1.00000	-8.50000	-4.1889	-8.9310	-0.0030018	-3.2320	37.180E-6
	-5.00000	1.00000	-8.50000	-4.7185	-8.9310	-0.0045593	-3.8710	44.498E-6
	-4.00000	1.00000	-8.50000	-5.3285	-8.9310	-0.0073954	-4.7448	54.479E-6
	-3.00000	1.00000	-8.50000	-6.0409	-8.9310	-0.0131332	-6.0044	68.811E-6
	-2.00000	1.00000	-8.50000	-6.8895	-8.9310	-0.026603	-7.9629	90.938E-6
	-1.00000	1.00000	-8.50000	-7.9300	-8.9310	-0.066342	-11.384	129.02E-6
	0.00000	1.00000	-8.50000	-9.2681	-8.9310	-0.23955	-18.675	207.14E-6
	1.00000	1.00000	-8.50000	-11.151	-8.9310	-1.9258	-42.004	417.90E-6
	2.00000	1.00000	-8.50000	-15.227	-8.9310	-78.893	-207.54	-336.19E-6
	3.00000	1.00000	-8.50000	-19.299	-8.9310	-155.86	-373.07	-0.0010903
	4.00000	1.00000	-8.50000	-21.170	-8.9310	-157.55	-396.39	-879.61E-6
	5.00000	1.00000	-8.50000	-22.489	-8.9310	-157.72	-403.67	-801.60E-6
	6.00000	1.00000	-8.50000	-23.502	-8.9310	-157.76	-407.08	-763.68E-6
	7.00000	1.00000	-8.50000	-24.315	-8.9310	-157.77	-409.02	-741.75E-6
	8.00000	1.00000	-8.50000	-24.984	-8.9310	-157.78	-410.26	-727.66E-6
	9.00000	1.00000	-8.50000	-25.544	-8.9310	-157.78	-411.11	-717.96E-6
	10.00000	1.00000	-8.50000	-26.014	-8.9310	-157.78	-411.72	-710.97E-6
	11.00000	1.00000	-8.50000	-26.412	-8.9310	-157.78	-412.17	-705.76E-6
	12.00000	1.00000	-8.50000	-26.748	-8.9310	-157.78	-412.52	-701.80E-6
	13.00000	1.00000	-8.50000	-27.030	-8.9310	-157.79	-412.78	-698.74E-6
	14.00000	1.00000	-8.50000	-27.264	-8.9310	-157.79	-412.99	-696.38E-6
	15.00000	1.00000	-8.50000	-27.456	-8.9310	-157.79	-413.15	-694.55E-6
	16.00000	1.00000	-8.50000	-27.607	-8.9310	-157.79	-413.27	-693.17E-6
	17.00000	1.00000	-8.50000	-27.723	-8.9310	-157.79	-413.36	-692.15E-6
	18.00000	1.00000	-8.50000	-27.803	-8.9310	-157.79	-413.42	-691.46E-6
	19.00000	1.00000	-8.50000	-27.850	-8.9310	-157.79	-413.45	-691.07E-6
	20.00000	1.00000	-8.50000	-27.863	-8.9310	-157.79	-413.46	-690.95E-6
	21.00000	1.00000	-8.50000	-27.845	-8.9310	-157.79	-413.45	-691.10E-6
	22.00000	1.00000	-8.50000	-27.793	-8.9310	-157.79	-413.41	-691.53E-6
	23.00000	1.00000	-8.50000	-27.708	-8.9310	-157.79	-413.35	-692.25E-6
	24.00000	1.00000	-8.50000	-27.588	-8.9310	-157.79	-413.26	-693.30E-6
	25.00000	1.00000	-8.50000	-27.431	-8.9310	-157.79	-413.13	-694.72E-6
	26.00000	1.00000	-8.50000	-27.235	-8.9310	-157.79	-412.97	-696.59E-6
	27.00000	1.00000	-8.50000	-26.995	-8.9310	-157.78	-412.76	-699.00E-6
	28.00000	1.00000	-8.50000	-26.707	-8.9310	-157.78	-412.49	-702.10E-6
	29.00000	1.00000	-8.50000	-26.365	-8.9310	-157.78	-412.14	-706.11E-6
	30.00000	1.00000	-8.50000	-25.962	-8.9310	-157.78	-411.68	-711.36E-6
	31.00000	1.00000	-8.50000	-25.485	-8.9310	-157.78	-411.07	-718.41E-6
	32.00000	1.00000	-8.50000	-24.920	-8.9310	-157.78	-410.21	-728.11E-6
	33.00000	1.00000	-8.50000	-24.245	-8.9310	-157.77	-408.97	-742.29E-6
	34.00000	1.00000	-8.50000	-23.427	-8.9310	-157.76	-407.03	-764.27E-6
	35.00000	1.00000	-8.50000	-22.409	-8.9310	-157.72	-403.62	-802.23E-6
	36.00000	1.00000	-8.50000	-21.086	-8.9310	-157.55	-396.33	-880.28E-6
	37.00000	1.00000	-8.50000	-19.211	-8.9310	-155.86	-373.01	-0.0010910
	38.00000	1.00000	-8.50000	-15.136	-8.9310	-78.893	-207.47	-336.91E-6
	39.00000	1.00000	-8.50000	-11.057	-8.9310	-1.9257	-41.940	417.16E-6
	40.00000	1.00000	-8.50000	-9.1736	-8.9310	-0.23951	-18.611	206.41E-6
	41.00000	1.00000	-8.50000	-7.8351	-8.9310	-0.066297	-11.320	128.29E-6
	42.00000	1.00000	-8.50000	-6.7950	-8.9310	-0.026559	-7.9002	90.215E-6
	43.00000	1.00000	-8.50000	-5.9475	-8.9310	-0.013091	-5.9433	68.108E-6
	44.00000	1.00000	-8.50000	-5.2369	-8.9310	-0.0073565	-4.6860	53.802E-6
	45.00000	1.00000	-8.50000	-4.6294	-8.9310	-0.0045234	-3.8150	43.852E-6
	46.00000	1.00000	-8.50000	-4.1027	-8.9310	-0.0029691	-3.1790	36.569E-6
	47.00000	1.00000	-8.50000	-3.6413	-8.9310	-0.0020475	-2.6962	31.032E-6
	48.00000	1.00000	-8.50000	-3.2339	-8.9310	-0.0014676	-2.3189	26.699E-6
	49.00000	1.00000	-8.50000	-2.8718	-8.9310	-0.0010850	-2.0169	23.229E-6
	50.00000	1.00000	-8.50000	-2.5483	-8.9310	-822.63E-6	-1.7707	20.398E-6
	51.00000	1.00000	-8.50000	-2.2582	-8.9310	-637.01E-6	-1.5668	18.052E-6
	52.00000	1.00000	-8.50000	-1.9970	-8.9310	-502.12E-6	-1.3957	16.083E-6
	53.00000	1.00000	-8.50000	-1.7613	-8.9310	-401.86E-6	-1.2506	14.412E-6
	54.00000	1.00000	-8.50000	-1.5480	-8.9310	-325.88E-6	-1.1263	12.981E-6
	55.00000	1.00000	-8.50000	-1.3547	-8.9310	-267.31E-6	-1.0190	11.745E-6
	56.00000	1.00000	-8.50000	-1.1792	-8.9310	-221.50E-6	-0.92562	10.670E-6
	57.00000	1.00000	-8.50000	-1.0196	-8.9310	-185.19E-6	-0.84392	9.7289E-6
	58.00000	1.00000	-8.50000	-0.87439	-8.9310	-156.09E-6	-0.77201	8.9003E-6
	59.00000	1.00000	-8.50000	-0.74213	-8.9310	-132.51E-6	-0.70837	8.1670E-6
	60.00000	1.00000	-8.50000	-0.62161	-8.9310	-113.23E-6	-0.65180	7.5151E-6
	-20.00000	2.00000	-8.50000	-0.70050	-8.9310	-124.32E-6	-0.68696	7.9203E-6
	-19.00000	2.00000	-8.50000	-0.82912	-8.9310	-145.77E-6	-0.74796	8.6232E-6
	-18.00000	2.00000	-8.50000	-0.97033	-8.9310	-172.01E-6	-0.81669	9.4152E-6
	-17.00000	2.00000	-8.50000	-1.1255	-8.9310	-204.43E-6	-0.89449	10.312E-6
	-16.00000	2.00000	-8.50000	-1.2960	-8.9310	-244.90E-6	-0.98301	11.331E-6
	-15.00000	2.00000	-8.50000	-1.4838	-8.9310	-295.98E-6	-1.0843	12.498E-6
	-14.00000	2.00000	-8.50000	-1.6907	-8.9310	-361.33E-6	-1.2009	13.841E-6
	-13.00000	2.00000	-8.50000	-1.9191	-8.9310	-446.18E-6	-1.3363	15.399E-6
	-12.00000	2.00000	-8.50000	-2.1718	-8.9310	-558.25E-6	-1.4945	17.221E-6
	-11.00000	2.00000	-8.50000	-2.4520	-8.9310	-709.25E-6	-1.6815	19.373E-6
	-10.00000	2.00000	-8.50000	-2.7636	-8.9310	-917.48E-6	-1.9048	21.942E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-9.00000	2.00000	-8.50000	-3.1115	-8.9310	-0.0012126	-2.1752	25.051E-6
	-8.00000	2.00000	-8.50000	-3.5016	-8.9310	-0.0016450	-2.5079	28.873E-6
	-7.00000	2.00000	-8.50000	-3.9414	-8.9310	-0.0023038	-2.9254	33.667E-6
	-6.00000	2.00000	-8.50000	-4.4409	-8.9310	-0.0033584	-3.4623	39.824E-6
	-5.00000	2.00000	-8.50000	-5.0130	-8.9310	-0.0051530	-4.1747	47.980E-6
	-4.00000	2.00000	-8.50000	-5.6760	-8.9310	-0.0084593	-5.1592	59.222E-6
	-3.00000	2.00000	-8.50000	-6.4564	-8.9310	-0.015231	-6.5964	75.568E-6
	-2.00000	2.00000	-8.50000	-7.3947	-8.9310	-0.031315	-8.8639	101.17E-6
	-1.00000	2.00000	-8.50000	-8.5588	-8.9310	-0.078997	-12.884	145.89E-6
	0.00000	2.00000	-8.50000	-10.076	-8.9310	-0.28326	-21.517	238.41E-6
	1.00000	2.00000	-8.50000	-12.233	-8.9310	-2.1315	-48.363	484.14E-6
	2.00000	2.00000	-8.50000	-16.705	-8.9310	-79.839	-222.38	-197.67E-6
	3.00000	2.00000	-8.50000	-21.173	-8.9310	-157.55	-396.40	-879.50E-6
	4.00000	2.00000	-8.50000	-23.316	-8.9310	-159.39	-423.24	-633.85E-6
	5.00000	2.00000	-8.50000	-24.813	-8.9310	-159.60	-431.86	-541.46E-6
	6.00000	2.00000	-8.50000	-25.947	-8.9310	-159.65	-435.86	-496.92E-6
	7.00000	2.00000	-8.50000	-26.848	-8.9310	-159.66	-438.11	-471.55E-6
	8.00000	2.00000	-8.50000	-27.582	-8.9310	-159.67	-439.53	-455.47E-6
	9.00000	2.00000	-8.50000	-28.191	-8.9310	-159.67	-440.48	-444.55E-6
	10.00000	2.00000	-8.50000	-28.701	-8.9310	-159.67	-441.16	-436.75E-6
	11.00000	2.00000	-8.50000	-29.129	-8.9310	-159.68	-441.67	-430.99E-6
	12.00000	2.00000	-8.50000	-29.490	-8.9310	-159.68	-442.05	-426.64E-6
	13.00000	2.00000	-8.50000	-29.791	-8.9310	-159.68	-442.34	-423.31E-6
	14.00000	2.00000	-8.50000	-30.041	-8.9310	-159.68	-442.56	-420.74E-6
	15.00000	2.00000	-8.50000	-30.245	-8.9310	-159.68	-442.73	-418.76E-6
	16.00000	2.00000	-8.50000	-30.406	-8.9310	-159.68	-442.86	-417.27E-6
	17.00000	2.00000	-8.50000	-30.528	-8.9310	-159.68	-442.96	-416.18E-6
	18.00000	2.00000	-8.50000	-30.613	-8.9310	-159.68	-443.02	-415.44E-6
	19.00000	2.00000	-8.50000	-30.663	-8.9310	-159.68	-443.06	-415.02E-6
	20.00000	2.00000	-8.50000	-30.678	-8.9310	-159.68	-443.07	-414.89E-6
	21.00000	2.00000	-8.50000	-30.658	-8.9310	-159.68	-443.05	-415.05E-6
	22.00000	2.00000	-8.50000	-30.603	-8.9310	-159.68	-443.01	-415.51E-6
	23.00000	2.00000	-8.50000	-30.513	-8.9310	-159.68	-442.95	-416.29E-6
	24.00000	2.00000	-8.50000	-30.385	-8.9310	-159.68	-442.85	-417.42E-6
	25.00000	2.00000	-8.50000	-30.218	-8.9310	-159.68	-442.71	-418.96E-6
	26.00000	2.00000	-8.50000	-30.009	-8.9310	-159.68	-442.54	-420.98E-6
	27.00000	2.00000	-8.50000	-29.753	-8.9310	-159.68	-442.31	-423.60E-6
	28.00000	2.00000	-8.50000	-29.444	-8.9310	-159.68	-442.02	-426.99E-6
	29.00000	2.00000	-8.50000	-29.077	-8.9310	-159.68	-441.63	-431.39E-6
	30.00000	2.00000	-8.50000	-28.642	-8.9310	-159.67	-441.12	-437.21E-6
	31.00000	2.00000	-8.50000	-28.126	-8.9310	-159.67	-440.44	-445.07E-6
	32.00000	2.00000	-8.50000	-27.510	-8.9310	-159.67	-439.47	-456.06E-6
	33.00000	2.00000	-8.50000	-26.769	-8.9310	-159.66	-438.06	-472.19E-6
	34.00000	2.00000	-8.50000	-25.862	-8.9310	-159.65	-435.80	-497.63E-6
	35.00000	2.00000	-8.50000	-24.722	-8.9310	-159.60	-431.79	-542.22E-6
	36.00000	2.00000	-8.50000	-23.220	-8.9310	-159.39	-423.17	-634.66E-6
	37.00000	2.00000	-8.50000	-21.072	-8.9310	-157.55	-396.33	-880.35E-6
	38.00000	2.00000	-8.50000	-16.601	-8.9310	-79.839	-222.31	-198.55E-6
	39.00000	2.00000	-8.50000	-12.126	-8.9310	-2.1314	-48.285	483.24E-6
	40.00000	2.00000	-8.50000	-9.9683	-8.9310	-0.28319	-21.439	237.51E-6
	41.00000	2.00000	-8.50000	-8.4505	-8.9310	-0.078936	-12.806	145.00E-6
	42.00000	2.00000	-8.50000	-7.2870	-8.9310	-0.031256	-8.7878	100.29E-6
	43.00000	2.00000	-8.50000	-6.3503	-8.9310	-0.015175	-6.5227	74.719E-6
	44.00000	2.00000	-8.50000	-5.5723	-8.9310	-0.0084079	-5.0886	58.410E-6
	45.00000	2.00000	-8.50000	-4.9124	-8.9310	-0.0051060	-4.1077	47.209E-6
	46.00000	2.00000	-8.50000	-4.3439	-8.9310	-0.0033159	-3.3994	39.099E-6
	47.00000	2.00000	-8.50000	-3.8486	-8.9310	-0.0022660	-2.8666	32.991E-6
	48.00000	2.00000	-8.50000	-3.4132	-8.9310	-0.0016115	-2.4535	28.247E-6
	49.00000	2.00000	-8.50000	-3.0277	-8.9310	-0.0011832	-2.1251	24.473E-6
	50.00000	2.00000	-8.50000	-2.6845	-8.9310	-891.81E-6	-1.8588	21.412E-6
	51.00000	2.00000	-8.50000	-2.3776	-8.9310	-686.96E-6	-1.6395	18.889E-6
	52.00000	2.00000	-8.50000	-2.1021	-8.9310	-538.97E-6	-1.4563	16.781E-6
	53.00000	2.00000	-8.50000	-1.8540	-8.9310	-429.55E-6	-1.3015	14.999E-6
	54.00000	2.00000	-8.50000	-1.6300	-8.9310	-347.02E-6	-1.1695	13.479E-6
	55.00000	2.00000	-8.50000	-1.4273	-8.9310	-283.68E-6	-1.0558	12.170E-6
	56.00000	2.00000	-8.50000	-1.2436	-8.9310	-234.33E-6	-0.95727	11.035E-6
	57.00000	2.00000	-8.50000	-1.0769	-8.9310	-195.36E-6	-0.87125	10.044E-6
	58.00000	2.00000	-8.50000	-0.925536	-8.9310	-164.23E-6	-0.79571	9.1735E-6
	59.00000	2.00000	-8.50000	-0.78754	-8.9310	-139.08E-6	-0.72903	8.4051E-6
	60.00000	2.00000	-8.50000	-0.66209	-8.9310	-118.57E-6	-0.66988	7.7235E-6
	-20.00000	3.00000	-8.50000	-0.74186	-8.9310	-130.26E-6	-0.70591	8.1376E-6
	-19.00000	3.00000	-8.50000	-0.87558	-8.9310	-153.07E-6	-0.76957	8.8723E-6
	-18.00000	3.00000	-8.50000	-1.0225	-8.9310	-181.05E-6	-0.84155	9.7017E-6
	-17.00000	3.00000	-8.50000	-1.1842	-8.9310	-215.72E-6	-0.92321	10.643E-6
	-16.00000	3.00000	-8.50000	-1.3622	-8.9310	-259.09E-6	-1.0163	11.715E-6
	-15.00000	3.00000	-8.50000	-1.5584	-8.9310	-314.01E-6	-1.1232	12.946E-6
	-14.00000	3.00000	-8.50000	-1.7749	-8.9310	-384.47E-6	-1.2465	14.366E-6
	-13.00000	3.00000	-8.50000	-2.0144	-8.9310	-476.22E-6	-1.3900	16.018E-6
	-12.00000	3.00000	-8.50000	-2.2798	-8.9310	-597.80E-6	-1.5583	17.956E-6
	-11.00000	3.00000	-8.50000	-2.5747	-8.9310	-762.15E-6	-1.7577	20.251E-6
	-10.00000	3.00000	-8.50000	-2.9033	-8.9310	-989.57E-6	-1.9968	23.000E-6
	-9.00000	3.00000	-8.50000	-3.2711	-8.9310	-0.0013131	-2.2873	26.340E-6
	-8.00000	3.00000	-8.50000	-3.6846	-8.9310	-0.0017888	-2.6461	30.463E-6
	-7.00000	3.00000	-8.50000	-4.1521	-8.9310	-0.0025165	-3.0983	35.655E-6
	-6.00000	3.00000	-8.50000	-4.6847	-8.9310	-0.0036857	-3.6827	42.355E-6
	-5.00000	3.00000	-8.50000	-5.2970	-8.9310	-0.0056822	-4.4617	51.273E-6
	-4.00000	3.00000	-8.50000	-6.0095	-8.9310	-0.0093682	-5.5437	63.627E-6
	-3.00000	3.00000	-8.50000	-6.8518	-8.9310	-0.016914	-7.1304	81.669E-6
	-2.00000	3.00000	-8.50000	-7.8693	-8.9310	-0.034728	-9.6396	110.00E-6
	-1.00000	3.00000	-8.50000	-9.1367	-8.9310	-0.086699	-14.074	159.36E-6
	0.00000	3.00000	-8.50000	-10.791	-8.9310	-0.30256	-23.457	260.12E-6
	1.00000	3.00000	-8.50000	-13.127	-8.9310	-2.1819	-51.644	520.24E-6
	2.00000	3.00000	-8.50000	-17.813	-8.9310	-79.951	-227.67	-140.53E-6
	3.00000	3.00000	-8.50000	-22.494	-8.9310	-157.72	-403.69	-801.33E-6
	4.00000	3.00000	-8.50000	-24.816	-8.9310	-159.60	-431.87	-541.31E-6
	5.00000	3.00000	-8.50000	-26.447	-8.9310	-159.82	-441.24	-440.69E-6
	6.00000	3.00000	-8.50000	-27.683	-8.9310	-159.87	-445.66	-391.55E-6
	7.00000	3.00000	-8.50000	-28.659	-8.9310	-159.88	-448.15	-363.48E-6
	8.00000	3.00000	-8.50000	-29.452	-8.9310	-159.89	-449.71	-345.75E-6
	9.00000	3.00000	-8.50000	-30.107	-8.9310	-159.90	-450.76	-333.75E-6
	10.00000	3.00000	-8.50000	-30.653	-8.9310	-159.90	-451.50	-325.23E-6
	11.00000	3.00000	-8.50000	-31.110	-8.9310	-159.90	-452.05	-318.97E-6
	12.00000	3.00000	-8.50000	-31.493	-8.9310	-159.90	-452.46	-314.27E-6
	13.00000	3.00000	-8.50000	-31.814	-8.9310	-159.90	-452.77	-310.67E-6
	14.00000	3.00000	-8.50000	-32.078	-8.9310	-159.90	-453.01	-307.91E-6
	15.00000	3.00000	-8.50000	-32.294	-8.9310	-159.90	-453.19	-305.80E-6
	16.00000	3.00000	-8.50000	-32.464	-8.9310	-159.90	-453.33	-304.21E-6
	17.00000	3.00000	-8.50000	-32.593	-8.9310	-159.90	-453.43	-303.04E-6
	18.00000	3.00000	-8.50000	-32.683	-8.9310	-159.90	-453.50	-302.25E-6
	19.00000	3.00000	-8.50000	-32.735	-8.9310	-159.90	-453.54	-301.80E-6
	20.00000	3.00000	-8.50000	-32.751	-8.9310	-159.90	-453.55	-301.67E-6
	21.00000	3.00000	-8.50000	-32.730	-8.9310	-159.90	-453.54	-301.84E-6
	22.00000	3.00000	-8.50000	-32.672	-8.9310	-159.90	-453.49	-302.34E-6
	23.00000	3.00000	-8.50000	-32.577	-8.9310	-159.90

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	51.00000	3.00000	-8.50000	-2.4928	-8.9310	-734.73E-6	-1.7095	19.695E-6
	52.00000	3.00000	-8.50000	-2.2034	-8.9310	-574.35E-6	-1.5147	17.454E-6
	53.00000	3.00000	-8.50000	-1.9433	-8.9310	-456.22E-6	-1.3507	15.565E-6
	54.00000	3.00000	-8.50000	-1.7090	-8.9310	-367.43E-6	-1.2111	13.959E-6
	55.00000	3.00000	-8.50000	-1.4973	-8.9310	-299.51E-6	-1.0914	12.579E-6
	56.00000	3.00000	-8.50000	-1.3057	-8.9310	-246.75E-6	-0.98778	11.386E-6
	57.00000	3.00000	-8.50000	-1.1320	-8.9310	-205.21E-6	-0.89758	10.347E-6
	58.00000	3.00000	-8.50000	-0.97440	-8.9310	-172.11E-6	-0.81854	9.4365E-6
	59.00000	3.00000	-8.50000	-0.83121	-8.9310	-145.44E-6	-0.74891	8.6342E-6
	60.00000	3.00000	-8.50000	-0.70100	-8.9310	-123.75E-6	-0.68727	7.9239E-6
	-20.00000	4.00000	-8.50000	-0.78145	-8.9310	-136.07E-6	-0.72395	8.3466E-6
	-19.00000	4.00000	-8.50000	-0.92008	-8.9310	-160.22E-6	-0.79039	9.1122E-6
	-18.00000	4.00000	-8.50000	-1.0726	-8.9310	-189.92E-6	-0.86554	9.9781E-6
	-17.00000	4.00000	-8.50000	-1.2406	-8.9310	-226.78E-6	-0.95096	10.962E-6
	-16.00000	4.00000	-8.50000	-1.4257	-8.9310	-273.02E-6	-1.0486	12.087E-6
	-15.00000	4.00000	-8.50000	-1.6301	-8.9310	-331.69E-6	-1.1608	13.379E-6
	-14.00000	4.00000	-8.50000	-1.8560	-8.9310	-407.12E-6	-1.2906	14.874E-6
	-13.00000	4.00000	-8.50000	-2.1061	-8.9310	-505.57E-6	-1.4420	16.617E-6
	-12.00000	4.00000	-8.50000	-2.3838	-8.9310	-636.29E-6	-1.6201	18.667E-6
	-11.00000	4.00000	-8.50000	-2.6928	-8.9310	-813.34E-6	-1.8316	21.100E-6
	-10.00000	4.00000	-8.50000	-3.0379	-8.9310	-0.0010588	-2.0857	24.023E-6
	-9.00000	4.00000	-8.50000	-3.4247	-8.9310	-0.0014084	-2.3952	27.582E-6
	-8.00000	4.00000	-8.50000	-3.8605	-8.9310	-0.0019231	-2.7786	31.986E-6
	-7.00000	4.00000	-8.50000	-4.3542	-8.9310	-0.0027112	-3.2629	37.546E-6
	-6.00000	4.00000	-8.50000	-4.9179	-8.9310	-0.0039769	-3.8900	44.737E-6
	-5.00000	4.00000	-8.50000	-5.5675	-8.9310	-0.0061354	-4.7276	54.325E-6
	-4.00000	4.00000	-8.50000	-6.3249	-8.9310	-0.0101007	-5.8919	67.618E-6
	-3.00000	4.00000	-8.50000	-7.2220	-8.9310	-0.018182	-7.5978	87.017E-6
	-2.00000	4.00000	-8.50000	-8.3070	-8.9310	-0.037033	-10.285	117.36E-6
	-1.00000	4.00000	-8.50000	-9.6580	-8.9310	-0.091115	-14.992	169.79E-6
	0.00000	4.00000	-8.50000	-11.415	-8.9310	-0.31126	-24.789	275.19E-6
	1.00000	4.00000	-8.50000	-13.873	-8.9310	-2.1985	-53.574	541.94E-6
	2.00000	4.00000	-8.50000	-18.695	-8.9310	-79.979	-230.35	-110.61E-6
	3.00000	4.00000	-8.50000	-23.512	-8.9310	-157.76	-407.12	-763.20E-6
	4.00000	4.00000	-8.50000	-25.954	-8.9310	-159.65	-435.89	-496.57E-6
	5.00000	4.00000	-8.50000	-27.686	-8.9310	-159.87	-445.68	-391.35E-6
	6.00000	4.00000	-8.50000	-29.002	-8.9310	-159.92	-450.36	-339.18E-6
	7.00000	4.00000	-8.50000	-30.043	-8.9310	-159.94	-453.02	-309.14E-6
	8.00000	4.00000	-8.50000	-30.887	-8.9310	-159.95	-454.70	-290.11E-6
	9.00000	4.00000	-8.50000	-31.582	-8.9310	-159.95	-455.82	-277.23E-6
	10.00000	4.00000	-8.50000	-32.160	-8.9310	-159.95	-456.62	-268.09E-6
	11.00000	4.00000	-8.50000	-32.644	-8.9310	-159.96	-457.21	-261.39E-6
	12.00000	4.00000	-8.50000	-33.048	-8.9310	-159.96	-457.64	-256.37E-6
	13.00000	4.00000	-8.50000	-33.386	-8.9310	-159.96	-457.98	-252.54E-6
	14.00000	4.00000	-8.50000	-33.664	-8.9310	-159.96	-458.23	-249.61E-6
	15.00000	4.00000	-8.50000	-33.891	-8.9310	-159.96	-458.43	-247.37E-6
	16.00000	4.00000	-8.50000	-34.070	-8.9310	-159.96	-458.57	-245.68E-6
	17.00000	4.00000	-8.50000	-34.205	-8.9310	-159.96	-458.68	-244.45E-6
	18.00000	4.00000	-8.50000	-34.299	-8.9310	-159.96	-458.75	-243.62E-6
	19.00000	4.00000	-8.50000	-34.354	-8.9310	-159.96	-458.80	-243.14E-6
	20.00000	4.00000	-8.50000	-34.370	-8.9310	-159.96	-458.81	-243.00E-6
	21.00000	4.00000	-8.50000	-34.348	-8.9310	-159.96	-458.79	-243.19E-6
	22.00000	4.00000	-8.50000	-34.287	-8.9310	-159.96	-458.75	-243.71E-6
	23.00000	4.00000	-8.50000	-34.187	-8.9310	-159.96	-458.67	-244.59E-6
	24.00000	4.00000	-8.50000	-34.046	-8.9310	-159.96	-458.56	-245.87E-6
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	26.00000	4.00000	-8.50000	-33.626	-8.9310	-159.96	-458.21	-249.92E-6
	27.00000	4.00000	-8.50000	-33.340	-8.9310	-159.96	-457.94	-252.93E-6
	28.00000	4.00000	-8.50000	-32.994	-8.9310	-159.96	-457.60	-256.83E-6
	29.00000	4.00000	-8.50000	-32.580	-8.9310	-159.96	-457.16	-261.94E-6
	30.00000	4.00000	-8.50000	-32.087	-8.9310	-159.95	-456.57	-268.73E-6
	31.00000	4.00000	-8.50000	-31.500	-8.9310	-159.95	-455.76	-277.97E-6
	32.00000	4.00000	-8.50000	-30.795	-8.9310	-159.95	-454.62	-290.95E-6
	33.00000	4.00000	-8.50000	-29.942	-8.9310	-159.94	-452.94	-310.09E-6
	34.00000	4.00000	-8.50000	-28.892	-8.9310	-159.92	-450.27	-340.23E-6
	35.00000	4.00000	-8.50000	-27.567	-8.9310	-159.87	-445.58	-392.50E-6
	36.00000	4.00000	-8.50000	-25.827	-8.9310	-159.65	-435.79	-497.80E-6
	37.00000	4.00000	-8.50000	-23.378	-8.9310	-157.76	-407.01	-764.50E-6
	38.00000	4.00000	-8.50000	-18.557	-8.9310	-79.979	-230.23	-111.97E-6
	39.00000	4.00000	-8.50000	-13.731	-8.9310	-2.1984	-53.454	540.56E-6
	40.00000	4.00000	-8.50000	-11.272	-8.9310	-0.31114	-24.669	273.81E-6
	41.00000	4.00000	-8.50000	-9.5146	-8.9310	-0.090995	-14.873	168.42E-6
	42.00000	4.00000	-8.50000	-8.1652	-8.9310	-0.036921	-10.170	116.04E-6
	43.00000	4.00000	-8.50000	-7.0832	-8.9310	-0.018078	-7.4874	85.747E-6
	44.00000	4.00000	-8.50000	-6.1903	-8.9310	-0.010013	-5.7876	66.418E-6
	45.00000	4.00000	-8.50000	-5.4380	-8.9310	-0.0060515	-4.6302	53.203E-6
	46.00000	4.00000	-8.50000	-4.7944	-8.9310	-0.0039033	-3.7999	43.699E-6
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	48.00000	4.00000	-8.50000	-3.7500	-8.9310	-0.0018681	-2.7032	31.119E-6
	49.00000	4.00000	-8.50000	-3.3211	-8.9310	-0.0013614	-2.3269	26.796E-6
	50.00000	4.00000	-8.50000	-2.9411	-8.9310	-0.0010188	-2.0241	23.314E-6
	51.00000	4.00000	-8.50000	-2.6027	-8.9310	-779.50E-6	-1.7762	20.463E-6
	52.00000	4.00000	-8.50000	-2.3001	-8.9310	-607.72E-6	-1.5704	18.095E-6
	53.00000	4.00000	-8.50000	-2.0286	-8.9310	-481.48E-6	-1.3976	16.106E-6
	54.00000	4.00000	-8.50000	-1.7844	-8.9310	-386.83E-6	-1.2509	14.417E-6
	55.00000	4.00000	-8.50000	-1.5640	-8.9310	-314.59E-6	-1.1253	12.970E-6
	56.00000	4.00000	-8.50000	-1.3649	-8.9310	-258.61E-6	-1.0169	11.722E-6
	57.00000	4.00000	-8.50000	-1.1846	-8.9310	-214.63E-6	-0.92271	10.637E-6
	58.00000	4.00000	-8.50000	-1.0212	-8.9310	-179.65E-6	-0.84032	9.6876E-6
	59.00000	4.00000	-8.50000	-0.87284	-8.9310	-151.53E-6	-0.76788	8.8528E-6
	60.00000	4.00000	-8.50000	-0.73809	-8.9310	-128.71E-6	-0.70384	8.1149E-6
	-20.00000	5.00000	-8.50000	-0.81902	-8.9310	-141.70E-6	-0.74125	8.5460E-6
	-19.00000	5.00000	-8.50000	-0.96234	-8.9310	-167.17E-6	-0.81027	9.3413E-6
	-18.00000	5.00000	-8.50000	-1.1202	-8.9310	-198.54E-6	-0.88848	10.242E-6
	-17.00000	5.00000	-8.50000	-1.2942	-8.9310	-237.56E-6	-0.97753	11.268E-6
	-16.00000	5.00000	-8.50000	-1.4862	-8.9310	-286.59E-6	-1.0795	12.443E-6
	-15.00000	5.00000	-8.50000	-1.6984	-8.9310	-348.90E-6	-1.1969	13.795E-6
	-14.00000	5.00000	-8.50000	-1.9332	-8.9310	-429.16E-6	-1.3330	15.363E-6
	-13.00000	5.00000	-8.50000	-2.1936	-8.9310	-534.05E-6	-1.4920	17.193E-6
	-12.00000	5.00000	-8.50000	-2.4830	-8.9310	-673.50E-6	-1.6794	19.350E-6
	-11.00000	5.00000	-8.50000	-2.8056	-8.9310	-862.53E-6	-1.9024	21.916E-6
	-10.00000	5.00000	-8.50000	-3.1662	-8.9310	-0.0011247	-2.1708	25.003E-6
	-9.00000	5.00000	-8.50000	-3.5711	-8.9310	-0.0014982	-2.4983	28.767E-6
	-8.00000	5.00000	-8.50000	-4.0279	-8.9310	-0.0020475	-2.9043	33.433E-6
	-7.00000	5.00000	-8.50000	-4.5462	-8.9310	-0.0028871	-3.4178	39.327E-6
	-6.00000	5.00000	-8.50000	-5.1387	-8.9310	-0.0042321	-4.0829	46.953E-6
	-5.00000	5.00000	-8.50000	-5.8221	-8.9310	-0.0065160	-4.9709	57.117E-6
	-4.00000	5.00000	-8.50000	-6.6197	-8.9310	-0.010693	-6.2029	71.185E-6
	-3.00000	5.00000	-8.50000	-7.5644	-8.9310	-0.019115	-8.0015	91.642E-6
	-2.00000	5.00000	-8.50000	-8.7061	-8.9310	-0.038566	-10.817	123.45E-6
	-1.00000	5.00000	-8.50000	-10.124	-8.9310	-0.093685	-15.702	177.89E-6
	0.00000	5.00000	-8.50000	-11.959	-8.9310	-0.31557	-25.741	286.02E-6
	1.00000	5.00000	-8.50000	-14.505	-8.9310	-2.2054	-54.834	556.23E-6
	2.00000	5.00000	-8.50000	-19.421	-8.9310	-79.989	-231.96	-92.358E-6
	3.00000	5.00000	-8.50000	-24.331	-8.9310	-157.77	-409.09	-740.99E-6
	4.00000	5.00000	-8.50000	-26.860	-8.9310	-159.66	-438.17	-470.93E-6
	5.00000	5.00000	-8.50000	-28.667	-8.9310	-159.88	-448.18	-363.04E-6
	6.00000	5.00000	-8.50000	-30.046	-8.9310	-159.94	-453.04	-308.91E-6
	7.00000	5.00000	-8.50000	-31.139	-8.9310	-159.96	-455.82	-277.48E-6
	8.00000	5.00000	-8.50000	-32.026	-8.9310	-159.97	-457.59	-257.46E-6
	9.00000	5.00000	-8.50000	-32.756	-8.9310	-159.97	-458.78	-243.87E-6
	10.00000	5.00000	-8.50000	-33.363	-8.9310	-159.97	-459.62	-234.21E-6
	11.00000	5.00000	-8.50000	-33.870	-8.9310	-159.98	-460.23	-227.17E-6
	12.00000	5.00000	-8.50000	-34.294	-8.9310	-159.98	-460.70	-221.87E-6
	13.00000	5.00000	-8.50000	-34.646	-8.9310	-159.98	-461.05	-217.84E-6
	14.00000	5.00000	-8.50000	-34.938	-8.9310	-159.98	-461.32	-214.75E-6
	15.00000	5.00000	-8.50000	-35.174	-8.9310	-159.98	-461.52	-212.40E-6
	16.00000	5.00000	-8.50000	-35.361	-8.9310	-159.98	-461.67	-210.62E-6
	17.00000	5.00000	-8.50000	-35.502	-8.9310	-159.98	-461.79	-209.33E-6
	18.00000	5.00000	-8.50000	-35.600	-8.9310	-159.98	-461.86	-208.46E-6
	19.00000	5.00000	-8.50000	-35.657	-8.9310	-159.98	-461.91	-207.96E-6
	20.00000	5.00000	-8.50000	-35.674	-8.9310	-159.98	-461.92	-207.81E-6
	21.00000	5.00000	-8.50000	-35.651	-8.9310	-159.98	-461.90	-208.01E-6
	22.00000	5.00000	-8.50000	-35.588	-8.9310	-159.98	-461.85	-208.56E-6
	23.00000	5.00000	-8.50000	-35.483	-8.9310	-159.98	-461.77	-209.48E-6
	24.00000	5.00000	-8.50000	-35.335	-8.9310	-159.98	-461.66	-210.83E-6
	25.00000	5.00000	-8.50000	-35.141	-8.9310	-159.98	-461.50	-212.67E-6
	26.00000	5.00000	-8.50000	-34.896	-8.9310	-159.98	-461.28	-215.10E-6
	27.00000	5.00000	-8.50000	-34.596	-8.9310	-159.98	-461.01	-218.27E-6
	28.00000	5.00000	-8.50000	-34.234	-8.9310	-159.98	-460.65	-222.40E-6
	29.00000	5.00000	-8.50000	-33.800	-8.9310	-159.98	-460.18	-227.81E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	30.00000	5.00000	-8.50000	-33.282	-8.9310	-159.97	-459.55	-234.99E-6
	31.00000	5.00000	-8.50000	-32.664	-8.9310	-159.97	-458.70	-244.76E-6
	32.00000	5.00000	-8.50000	-31.922	-8.9310	-159.97	-457.50	-258.48E-6
	33.00000	5.00000	-8.50000	-31.024	-8.9310	-159.96	-455.72	-278.64E-6
	34.00000	5.00000	-8.50000	-29.920	-8.9310	-159.94	-452.93	-310.21E-6
	35.00000	5.00000	-8.50000	-28.529	-8.9310	-159.88	-448.06	-364.47E-6
	36.00000	5.00000	-8.50000	-26.713	-8.9310	-159.66	-438.03	-472.48E-6
	37.00000	5.00000	-8.50000	-24.176	-8.9310	-157.77	-408.94	-742.64E-6
	38.00000	5.00000	-8.50000	-19.260	-8.9310	-79.989	-231.81	-94.073E-6
	39.00000	5.00000	-8.50000	-14.340	-8.9310	-2.2052	-54.682	554.48E-6
	40.00000	5.00000	-8.50000	-11.793	-8.9310	-0.31539	-25.588	284.27E-6
	41.00000	5.00000	-8.50000	-9.9578	-8.9310	-0.093514	-15.552	176.17E-6
	42.00000	5.00000	-8.50000	-8.5421	-8.9310	-0.038406	-10.673	121.79E-6
	43.00000	5.00000	-8.50000	-7.4046	-8.9310	-0.018969	-7.8642	90.064E-6
	44.00000	5.00000	-8.50000	-6.4654	-8.9310	-0.010562	-6.0743	69.707E-6
	45.00000	5.00000	-8.50000	-5.6746	-8.9310	-0.0064017	-4.8519	55.749E-6
	46.00000	5.00000	-8.50000	-4.9987	-8.9310	-0.0041334	-3.9740	45.701E-6
	47.00000	5.00000	-8.50000	-4.4143	-8.9310	-0.0028029	-3.3189	38.189E-6
	48.00000	5.00000	-8.50000	-3.9043	-8.9310	-0.0019762	-2.8151	32.406E-6
	49.00000	5.00000	-8.50000	-3.4558	-8.9310	-0.0014383	-2.4182	27.846E-6
	50.00000	5.00000	-8.50000	-3.0591	-8.9310	-0.0010746	-2.0993	24.180E-6
	51.00000	5.00000	-8.50000	-2.7064	-8.9310	-820.69E-6	-1.8387	21.182E-6
	52.00000	5.00000	-8.50000	-2.3914	-8.9310	-638.64E-6	-1.6228	18.698E-6
	53.00000	5.00000	-8.50000	-2.1092	-8.9310	-505.04E-6	-1.4418	16.615E-6
	54.00000	5.00000	-8.50000	-1.8556	-8.9310	-405.00E-6	-1.2884	14.849E-6
	55.00000	5.00000	-8.50000	-1.6271	-8.9310	-328.77E-6	-1.1574	13.340E-6
	56.00000	5.00000	-8.50000	-1.4209	-8.9310	-269.78E-6	-1.0444	12.039E-6
	57.00000	5.00000	-8.50000	-1.2343	-8.9310	-223.52E-6	-0.94645	10.910E-6
	58.00000	5.00000	-8.50000	-1.0654	-8.9310	-186.79E-6	-0.86090	9.9247E-6
	59.00000	5.00000	-8.50000	-0.91215	-8.9310	-157.30E-6	-0.78579	9.0592E-6
	60.00000	5.00000	-8.50000	-0.77310	-8.9310	-133.41E-6	-0.71949	8.2953E-6
	-20.00000	6.00000	-8.50000	-0.85431	-8.9310	-147.13E-6	-0.75760	8.7344E-6
	-19.00000	6.00000	-8.50000	-1.0021	-8.9310	-173.87E-6	-0.82909	9.5581E-6
	-18.00000	6.00000	-8.50000	-1.1650	-8.9310	-206.87E-6	-0.91022	10.493E-6
	-17.00000	6.00000	-8.50000	-1.3447	-8.9310	-247.98E-6	-1.0027	11.559E-6
	-16.00000	6.00000	-8.50000	-1.5432	-8.9310	-299.72E-6	-1.1089	12.781E-6
	-15.00000	6.00000	-8.50000	-1.7628	-8.9310	-365.57E-6	-1.2313	14.191E-6
	-14.00000	6.00000	-8.50000	-2.0061	-8.9310	-450.49E-6	-1.3734	15.828E-6
	-13.00000	6.00000	-8.50000	-2.2762	-8.9310	-561.59E-6	-1.5397	17.742E-6
	-12.00000	6.00000	-8.50000	-2.5768	-8.9310	-709.36E-6	-1.7360	20.001E-6
	-11.00000	6.00000	-8.50000	-2.9121	-8.9310	-909.72E-6	-1.9699	22.693E-6
	-10.00000	6.00000	-8.50000	-3.2875	-8.9310	-0.0011875	-2.2517	25.934E-6
	-9.00000	6.00000	-8.50000	-3.7095	-8.9310	-0.0015827	-2.5959	29.891E-6
	-8.00000	6.00000	-8.50000	-4.1859	-8.9310	-0.0021628	-3.0230	34.797E-6
	-7.00000	6.00000	-8.50000	-4.7270	-8.9310	-0.0030467	-3.5629	40.995E-6
	-6.00000	6.00000	-8.50000	-5.3458	-8.9310	-0.0044566	-4.2616	49.006E-6
	-5.00000	6.00000	-8.50000	-6.0599	-8.9310	-0.0068373	-5.1926	59.664E-6
	-4.00000	6.00000	-8.50000	-6.8929	-8.9310	-0.011161	-6.4802	74.367E-6
	-3.00000	6.00000	-8.50000	-7.8788	-8.9310	-0.019810	-8.3509	95.648E-6
	-2.00000	6.00000	-8.50000	-9.0679	-8.9310	-0.039612	-11.260	128.52E-6
	-1.00000	6.00000	-8.50000	-10.540	-8.9310	-0.095266	-16.265	184.33E-6
	0.00000	6.00000	-8.50000	-12.436	-8.9310	-0.31792	-26.453	294.15E-6
	1.00000	6.00000	-8.50000	-15.047	-8.9310	-2.2088	-55.722	566.36E-6
	2.00000	6.00000	-8.50000	-20.031	-8.9310	-79.994	-233.04	-80.047E-6
	3.00000	6.00000	-8.50000	-25.008	-8.9310	-157.78	-410.36	-726.52E-6
	4.00000	6.00000	-8.50000	-27.600	-8.9310	-159.67	-439.61	-454.50E-6
	5.00000	6.00000	-8.50000	-29.464	-8.9310	-159.89	-449.77	-344.98E-6
	6.00000	6.00000	-8.50000	-30.893	-8.9310	-159.95	-454.74	-289.58E-6
	7.00000	6.00000	-8.50000	-32.028	-8.9310	-159.97	-457.61	-257.18E-6
	8.00000	6.00000	-8.50000	-32.950	-8.9310	-159.98	-459.43	-236.44E-6
	9.00000	6.00000	-8.50000	-33.709	-8.9310	-159.98	-460.67	-222.32E-6
	10.00000	6.00000	-8.50000	-34.341	-8.9310	-159.98	-461.55	-212.28E-6
	11.00000	6.00000	-8.50000	-34.868	-8.9310	-159.98	-462.19	-204.91E-6
	12.00000	6.00000	-8.50000	-35.308	-8.9310	-159.99	-462.67	-199.39E-6
	13.00000	6.00000	-8.50000	-35.675	-8.9310	-159.99	-463.04	-195.19E-6
	14.00000	6.00000	-8.50000	-35.977	-8.9310	-159.99	-463.32	-191.97E-6
	15.00000	6.00000	-8.50000	-36.222	-8.9310	-159.99	-463.53	-189.52E-6
	16.00000	6.00000	-8.50000	-36.416	-8.9310	-159.99	-463.69	-187.67E-6
	17.00000	6.00000	-8.50000	-36.562	-8.9310	-159.99	-463.81	-186.33E-6
	18.00000	6.00000	-8.50000	-36.664	-8.9310	-159.99	-463.89	-185.42E-6
	19.00000	6.00000	-8.50000	-36.723	-8.9310	-159.99	-463.93	-184.90E-6
	20.00000	6.00000	-8.50000	-36.741	-8.9310	-159.99	-463.94	-184.75E-6
	21.00000	6.00000	-8.50000	-36.717	-8.9310	-159.99	-463.93	-184.95E-6
	22.00000	6.00000	-8.50000	-36.652	-8.9310	-159.99	-463.88	-185.53E-6
	23.00000	6.00000	-8.50000	-36.543	-8.9310	-159.99	-463.79	-186.49E-6
	24.00000	6.00000	-8.50000	-36.389	-8.9310	-159.99	-463.67	-187.90E-6
	25.00000	6.00000	-8.50000	-36.187	-8.9310	-159.99	-463.50	-189.82E-6
	26.00000	6.00000	-8.50000	-35.933	-8.9310	-159.99	-463.28	-192.37E-6
	27.00000	6.00000	-8.50000	-35.621	-8.9310	-159.99	-462.99	-195.69E-6
	28.00000	6.00000	-8.50000	-35.243	-8.9310	-159.99	-462.62	-200.00E-6
	29.00000	6.00000	-8.50000	-34.791	-8.9310	-159.98	-462.12	-205.66E-6
	30.00000	6.00000	-8.50000	-34.251	-8.9310	-159.98	-461.47	-213.18E-6
	31.00000	6.00000	-8.50000	-33.606	-8.9310	-159.98	-460.58	-223.39E-6
	32.00000	6.00000	-8.50000	-32.832	-8.9310	-159.98	-459.32	-237.69E-6
	33.00000	6.00000	-8.50000	-31.896	-8.9310	-159.97	-457.48	-258.62E-6
	34.00000	6.00000	-8.50000	-30.747	-8.9310	-159.95	-454.60	-291.21E-6
	35.00000	6.00000	-8.50000	-29.305	-8.9310	-159.89	-449.61	-346.80E-6
	36.00000	6.00000	-8.50000	-27.429	-8.9310	-159.67	-439.44	-456.48E-6
	37.00000	6.00000	-8.50000	-24.827	-8.9310	-157.78	-410.17	-728.63E-6
	38.00000	6.00000	-8.50000	-19.842	-8.9310	-79.994	-232.85	-82.255E-6
	39.00000	6.00000	-8.50000	-14.853	-8.9310	-2.2085	-55.526	564.10E-6
	40.00000	6.00000	-8.50000	-12.240	-8.9310	-0.31766	-26.257	291.90E-6
	41.00000	6.00000	-8.50000	-10.346	-8.9310	-0.095012	-16.073	182.13E-6
	42.00000	6.00000	-8.50000	-8.8769	-8.9310	-0.039377	-11.076	126.41E-6
	43.00000	6.00000	-8.50000	-7.6937	-8.9310	-0.019600	-8.1781	93.662E-6
	44.00000	6.00000	-8.50000	-6.7153	-8.9310	-0.010977	-6.3201	72.527E-6
	45.00000	6.00000	-8.50000	-5.8911	-8.9310	-0.0066789	-5.0462	57.981E-6
	46.00000	6.00000	-8.50000	-5.1868	-8.9310	-0.0043226	-4.1291	47.483E-6
	47.00000	6.00000	-8.50000	-4.5781	-8.9310	-0.0029347	-3.4440	39.628E-6
	48.00000	6.00000	-8.50000	-4.0473	-8.9310	-0.0020698	-2.9170	33.578E-6
	49.00000	6.00000	-8.50000	-3.5811	-8.9310	-0.0015060	-2.5019	28.810E-6
	50.00000	6.00000	-8.50000	-3.1690	-8.9310	-0.0011244	-2.1686	24.978E-6
	51.00000	6.00000	-8.50000	-2.8031	-8.9310	-857.91E-6	-1.8966	21.848E-6
	52.00000	6.00000	-8.50000	-2.4766	-8.9310	-666.83E-6	-1.6714	19.258E-6
	53.00000	6.00000	-8.50000	-2.1845	-8.9310	-526.65E-6	-1.4829	17.088E-6
	54.00000	6.00000	-8.50000	-1.9222	-8.9310	-421.76E-6	-1.3234	15.252E-6
	55.00000	6.00000	-8.50000	-1.6861	-8.9310	-341.90E-6	-1.1873	13.684E-6
	56.00000	6.00000	-8.50000	-1.4732	-8.9310	-280.17E-6	-1.0701	12.335E-6
	57.00000	6.00000	-8.50000	-1.2808	-8.9310	-231.81E-6	-0.96863	11.166E-6
	58.00000	6.00000	-8.50000	-1.1066	-8.9310	-193.45E-6	-0.88013	10.146E-6
	59.00000	6.00000	-8.50000	-0.94889	-8.9310	-162.70E-6	-0.80252	9.2521E-6
	60.00000	6.00000	-8.50000	-0.80582	-8.9310	-137.81E-6	-0.73411	8.4637E-6
	-20.00000	7.00000	-8.50000	-0.88708	-8.9310	-152.31E-6	-0.77288	8.9105E-6
	-19.00000	7.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	9.00000	7.00000	-8.50000	-34.492	-8.9310	-159.99	-461.97	-207.51E-6
	10.00000	7.00000	-8.50000	-35.144	-8.9310	-159.99	-462.87	-197.17E-6
	11.00000	7.00000	-8.50000	-35.688	-8.9310	-159.99	-463.53	-189.57E-6
	12.00000	7.00000	-8.50000	-36.142	-8.9310	-159.99	-464.03	-183.87E-6
	13.00000	7.00000	-8.50000	-36.520	-8.9310	-159.99	-464.41	-179.53E-6
	14.00000	7.00000	-8.50000	-36.832	-8.9310	-159.99	-464.70	-176.21E-6
	15.00000	7.00000	-8.50000	-37.085	-8.9310	-159.99	-464.92	-173.67E-6
	16.00000	7.00000	-8.50000	-37.285	-8.9310	-159.99	-465.08	-171.77E-6
	17.00000	7.00000	-8.50000	-37.436	-8.9310	-159.99	-465.20	-170.38E-6
	18.00000	7.00000	-8.50000	-37.542	-8.9310	-159.99	-465.29	-169.44E-6
	19.00000	7.00000	-8.50000	-37.603	-8.9310	-159.99	-465.33	-168.90E-6
	20.00000	7.00000	-8.50000	-37.621	-8.9310	-159.99	-465.35	-168.75E-6
	21.00000	7.00000	-8.50000	-37.596	-8.9310	-159.99	-465.33	-168.96E-6
	22.00000	7.00000	-8.50000	-37.529	-8.9310	-159.99	-465.28	-169.55E-6
	23.00000	7.00000	-8.50000	-37.417	-8.9310	-159.99	-465.19	-170.55E-6
	24.00000	7.00000	-8.50000	-37.258	-8.9310	-159.99	-465.06	-172.01E-6
	25.00000	7.00000	-8.50000	-37.049	-8.9310	-159.99	-464.89	-174.01E-6
	26.00000	7.00000	-8.50000	-36.786	-8.9310	-159.99	-464.66	-176.65E-6
	27.00000	7.00000	-8.50000	-36.463	-8.9310	-159.99	-464.36	-180.10E-6
	28.00000	7.00000	-8.50000	-36.072	-8.9310	-159.99	-463.97	-184.58E-6
	29.00000	7.00000	-8.50000	-35.603	-8.9310	-159.99	-463.46	-190.45E-6
	30.00000	7.00000	-8.50000	-35.044	-8.9310	-159.99	-462.78	-198.23E-6
	31.00000	7.00000	-8.50000	-34.376	-8.9310	-159.98	-461.85	-208.80E-6
	32.00000	7.00000	-8.50000	-33.576	-8.9310	-159.98	-460.56	-223.56E-6
	33.00000	7.00000	-8.50000	-32.608	-8.9310	-159.97	-458.67	-245.07E-6
	34.00000	7.00000	-8.50000	-31.423	-8.9310	-159.95	-455.72	-278.38E-6
	35.00000	7.00000	-8.50000	-29.939	-8.9310	-159.90	-450.66	-334.88E-6
	36.00000	7.00000	-8.50000	-28.017	-8.9310	-159.67	-440.39	-445.64E-6
	37.00000	7.00000	-8.50000	-25.365	-8.9310	-157.78	-411.01	-719.03E-6
	38.00000	7.00000	-8.50000	-20.328	-8.9310	-79.996	-233.57	-73.981E-6
	39.00000	7.00000	-8.50000	-15.287	-8.9310	-2.2103	-56.133	571.05E-6
	40.00000	7.00000	-8.50000	-12.624	-8.9310	-0.31896	-26.755	297.61E-6
	41.00000	7.00000	-8.50000	-10.682	-8.9310	-0.095939	-16.477	186.75E-6
	42.00000	7.00000	-8.50000	-9.1714	-8.9310	-0.040023	-11.400	130.13E-6
	43.00000	7.00000	-8.50000	-7.9506	-8.9310	-0.020046	-8.4374	96.639E-6
	44.00000	7.00000	-8.50000	-6.9393	-8.9310	-0.011286	-6.5282	74.917E-6
	45.00000	7.00000	-8.50000	-6.0865	-8.9310	-0.0068952	-5.2140	59.908E-6
	46.00000	7.00000	-8.50000	-5.3574	-8.9310	-0.0044755	-4.2652	49.047E-6
	47.00000	7.00000	-8.50000	-4.7273	-8.9310	-0.0030442	-3.5551	40.906E-6
	48.00000	7.00000	-8.50000	-4.1781	-8.9310	-0.0021494	-3.0083	34.629E-6
	49.00000	7.00000	-8.50000	-3.6959	-8.9310	-0.0015646	-2.5775	29.680E-6
	50.00000	7.00000	-8.50000	-3.2700	-8.9310	-0.0011681	-2.2316	25.703E-6
	51.00000	7.00000	-8.50000	-2.8920	-8.9310	-890.97E-6	-1.9494	22.456E-6
	52.00000	7.00000	-8.50000	-2.5552	-8.9310	-692.10E-6	-1.7159	19.771E-6
	53.00000	7.00000	-8.50000	-2.2539	-8.9310	-546.17E-6	-1.5206	17.523E-6
	54.00000	7.00000	-8.50000	-1.9836	-8.9310	-436.99E-6	-1.3556	15.622E-6
	55.00000	7.00000	-8.50000	-1.7405	-8.9310	-353.89E-6	-1.2148	14.001E-6
	56.00000	7.00000	-8.50000	-1.5214	-8.9310	-289.69E-6	-1.0938	12.608E-6
	57.00000	7.00000	-8.50000	-1.3236	-8.9310	-239.42E-6	-0.98909	11.402E-6
	58.00000	7.00000	-8.50000	-1.1448	-8.9310	-199.58E-6	-0.89787	10.351E-6
	59.00000	7.00000	-8.50000	-0.98281	-8.9310	-167.68E-6	-0.81796	9.4300E-6
	60.00000	7.00000	-8.50000	-0.83602	-8.9310	-141.87E-6	-0.74760	8.6192E-6
	-20.00000	8.00000	-8.50000	-0.91709	-8.9310	-157.20E-6	-0.78699	9.0731E-6
	-19.00000	8.00000	-8.50000	-1.0729	-8.9310	-186.36E-6	-0.86301	9.9490E-6
	-18.00000	8.00000	-8.50000	-1.2448	-8.9310	-222.45E-6	-0.94952	10.946E-6
	-17.00000	8.00000	-8.50000	-1.4349	-8.9310	-267.55E-6	-1.0485	12.086E-6
	-16.00000	8.00000	-8.50000	-1.6452	-8.9310	-324.45E-6	-1.1623	13.396E-6
	-15.00000	8.00000	-8.50000	-1.8783	-8.9310	-397.08E-6	-1.2939	14.912E-6
	-14.00000	8.00000	-8.50000	-2.1370	-8.9310	-490.91E-6	-1.4472	16.677E-6
	-13.00000	8.00000	-8.50000	-2.4247	-8.9310	-613.86E-6	-1.6270	18.748E-6
	-12.00000	8.00000	-8.50000	-2.7455	-8.9310	-777.50E-6	-1.8398	21.196E-6
	-11.00000	8.00000	-8.50000	-3.1041	-8.9310	-999.30E-6	-2.0938	24.119E-6
	-10.00000	8.00000	-8.50000	-3.5061	-8.9310	-0.0013062	-2.4004	27.646E-6
	-9.00000	8.00000	-8.50000	-3.9587	-8.9310	-0.0017414	-2.7752	31.953E-6
	-8.00000	8.00000	-8.50000	-4.4703	-8.9310	-0.0023767	-3.2399	37.292E-6
	-7.00000	8.00000	-8.50000	-5.0518	-8.9310	-0.0033370	-3.8264	44.025E-6
	-6.00000	8.00000	-8.50000	-5.7169	-8.9310	-0.0048531	-4.5827	52.698E-6
	-5.00000	8.00000	-8.50000	-6.4836	-8.9310	-0.0073815	-5.5848	64.170E-6
	-4.00000	8.00000	-8.50000	-7.3763	-8.9310	-0.011909	-6.9597	79.873E-6
	-3.00000	8.00000	-8.50000	-8.4291	-8.9310	-0.020838	-8.9363	102.37E-6
	-2.00000	8.00000	-8.50000	-9.6922	-8.9310	-0.041015	-11.972	136.69E-6
	-1.00000	8.00000	-8.50000	-11.245	-8.9310	-0.09716O	-17.125	194.19E-6
	0.00000	8.00000	-8.50000	-13.227	-8.9310	-0.32043	-27.481	305.92E-6
	1.00000	8.00000	-8.50000	-15.927	-8.9310	-2.2120	-56.932	580.20E-6
	2.00000	8.00000	-8.50000	-21.001	-8.9310	-79.998	-234.44	-64.070E-6
	3.00000	8.00000	-8.50000	-26.065	-8.9310	-157.78	-411.94	-708.48E-6
	4.00000	8.00000	-8.50000	-28.739	-8.9310	-159.68	-441.35	-434.58E-6
	5.00000	8.00000	-8.50000	-30.678	-8.9310	-159.90	-451.66	-323.45E-6
	6.00000	8.00000	-8.50000	-32.173	-8.9310	-159.95	-456.74	-266.71E-6
	7.00000	8.00000	-8.50000	-33.366	-8.9310	-159.97	-459.70	-233.24E-6
	8.00000	8.00000	-8.50000	-34.337	-8.9310	-159.98	-461.60	-211.66E-6
	9.00000	8.00000	-8.50000	-35.139	-8.9310	-159.99	-462.90	-196.88E-6
	10.00000	8.00000	-8.50000	-35.806	-8.9310	-159.99	-463.82	-186.33E-6
	11.00000	8.00000	-8.50000	-36.364	-8.9310	-159.99	-464.49	-178.57E-6
	12.00000	8.00000	-8.50000	-36.830	-8.9310	-159.99	-465.00	-172.74E-6
	13.00000	8.00000	-8.50000	-37.217	-8.9310	-159.99	-465.39	-168.29E-6
	14.00000	8.00000	-8.50000	-37.537	-8.9310	-159.99	-465.69	-164.89E-6
	15.00000	8.00000	-8.50000	-37.797	-8.9310	-159.99	-465.91	-162.29E-6
	16.00000	8.00000	-8.50000	-38.002	-8.9310	-159.99	-466.08	-160.33E-6
	17.00000	8.00000	-8.50000	-38.157	-8.9310	-159.99	-466.21	-158.91E-6
	18.00000	8.00000	-8.50000	-38.265	-8.9310	-159.99	-466.29	-157.94E-6
	19.00000	8.00000	-8.50000	-38.328	-8.9310	-159.99	-466.34	-157.39E-6
	20.00000	8.00000	-8.50000	-38.347	-8.9310	-159.99	-466.35	-157.23E-6
	21.00000	8.00000	-8.50000	-38.322	-8.9310	-159.99	-466.33	-157.44E-6
	22.00000	8.00000	-8.50000	-38.253	-8.9310	-159.99	-466.28	-158.05E-6
	23.00000	8.00000	-8.50000	-38.138	-8.9310	-159.99	-466.19	-159.09E-6
	24.00000	8.00000	-8.50000	-37.974	-8.9310	-159.99	-466.06	-160.59E-6
	25.00000	8.00000	-8.50000	-37.760	-8.9310	-159.99	-465.88	-162.65E-6
	26.00000	8.00000	-8.50000	-37.489	-8.9310	-159.99	-465.64	-165.37E-6
	27.00000	8.00000	-8.50000	-37.156	-8.9310	-159.99	-465.33	-168.92E-6
	28.00000	8.00000	-8.50000	-36.754	-8.9310	-159.99	-464.93	-173.55E-6
	29.00000	8.00000	-8.50000	-36.272	-8.9310	-159.99	-464.41	-179.59E-6
	30.00000	8.00000	-8.50000	-35.696	-8.9310	-159.99	-463.71	-187.61E-6
	31.00000	8.00000	-8.50000	-35.009	-8.9310	-159.99	-462.76	-198.45E-6
	32.00000	8.00000	-8.50000	-34.185	-8.9310	-159.98	-461.40	-213.55E-6
	33.00000	8.00000	-8.50000	-33.192	-8.9310	-159.97	-459.51	-235.50E-6
	34.00000	8.00000	-8.50000	-31.977	-8.9310	-159.95	-456.51	-269.34E-6
	35.00000	8.00000	-8.50000	-30.460	-8.9310	-159.90	-451.39	-326.47E-6
	36.00000	8.00000	-8.50000	-28.501	-8.9310	-159.67	-441.06	-437.96E-6
	37.00000	8.00000	-8.50000	-25.811	-8.9310	-157.78	-411.61	-712.16E-6
	38.00000	8.00000	-8.50000	-20.734	-8.9310	-79.997	-234.10	-67.964E-6
	39.00000	8.00000	-8.50000	-15.693	-8.9310	-2.2113	-56.584	576.21E-6
	40.00000	8.00000	-8.50000	-12.951	-8.9310	-0.31976	-27.135	301.96E-6
	41.00000	8.00000	-8.50000	-10.972	-8.9310	-0.096535	-16.792	190.37E-6
	42.00000	8.00000	-8.50000	-9.4275	-8.9310	-0.040461	-11.660	133.11E-6
	43.00000	8.00000	-8.50000	-8.1759	-8.9310	-0.020364	-8.6505	99.086E-6
	44.00000	8.00000	-8.50000	-7.1373	-8.9310	-0.011517	-6.7027	76.923E-6
	45.00000	8.00000	-8.50000	-6.2603	-8.9310	-0.0070623	-5.3571	61.554E-6
	46.00000	8.00000	-8.50000	-5.5100	-8.9310	-0.0045974	-4.3829	50.401E-6
	47.00000	8.00000	-8.50000	-4.8614	-8.9310	-0.0031339	-3.6523	42.024E-6
	48.00000	8.00000	-8.50000	-4.2959	-8.9310	-0.0022160	-3.0890	35.557E-6
	49.00000	8.00000	-8.50000	-3.7996	-8.9310	-0.0016145	-2.6448	30.454E-6
	50.00000	8.00000	-8.50000	-3.3614	-8.9310	-0.0012059	-2.2879	26.351E-6
	51.00000	8.00000	-8.50000	-2.9727	-8.9310	-919.85E-6	-1.9968	23.003E-6
	52.00000	8.00000	-8.50000	-2.6264	-8.9310	-714.38E-6	-1.7561	20.233E-6
	53.00000	8.00000	-8.50000	-2.3169	-8.9310	-563.52E-6	-1.5548	17.916E-6
	54.00000	8.00000	-8.50000	-2.0394	-8.9310	-450.60E-6	-1.3847	15.958E-6
	55.00000	8.00000	-8.50000	-1.7900	-8.9310	-364.66E-6	-1.2398	14.289E-6
	56.00000	8.00000	-8.50000	-1.5654	-8.9310	-298.27E-6	-1.1153	12.856E-6
	57.00000	8.00000	-8.50000	-1.3627	-8.9310	-246.31E-6	-1.0077	11.616E-6
	58.00000	8.00000	-8.50000	-1.1795	-8.9310	-205.15E-6	-0.91399	10.537E-6
	59.00000	8.00000	-8.50000	-1.0137	-8.9310	-172.20E-6	-0.83200	9.5918E-6
	60.00000	8.00000	-8.50000	-0.86350	-8.9310	-145.56E-6	-0.75986	8.7606E-6
	-20.00000	9.00000	-8.50000	-0.94413	-8.9310	-161.78E-6	-0.79982	9.2210E-6
	-19.00000	9.00000	-8.50000	-1.1034	-8.9310	-192.07E-6	-0.87788	10.120E-6
	-18.00000	9.00000	-8.50000	-1.2794	-8.9310	-229.61E-6	-0.96681	11.145E-6
	-17.00000	9.00000	-8.50000	-1.4740	-8.9310	-276.60E-6	-1.0687	12.318E-6
	-16.00000	9.00000	-8.50000	-1.6895	-8.9310	-335.97E-6	-1.1859	13.669E-6
	-15.00000	9.00000	-8.50000	-1.9285	-8.9310	-411.85E-6	-1.3218	15.233E-6
	-14.00000	9.00000	-8.50000	-2.1940	-8.9310	-510.01E-6	-1.4802	17.057E-6
	-13.00000	9.00000	-8.50000	-2.4896	-8.9310	-638.75E-6	-1.6663	19.199E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-12.00000	9.00000	-8.50000	-2.8194	-8.9310	-810.24E-6	-1.8866	21.736E-6
	-11.00000	9.00000	-8.50000	-3.1883	-8.9310	-0.0010427	-2.1500	24.766E-6
	-10.00000	9.00000	-8.50000	-3.6023	-8.9310	-0.0013643	-2.4682	28.425E-6
	-9.00000	9.00000	-8.50000	-4.0685	-8.9310	-0.0018198	-2.8572	32.897E-6
	-8.00000	9.00000	-8.50000	-4.5959	-8.9310	-0.0024832	-3.3395	38.438E-6
	-7.00000	9.00000	-8.50000	-5.1953	-8.9310	-0.0034828	-3.9478	45.421E-6
	-6.00000	9.00000	-8.50000	-5.8809	-8.9310	-0.0050531	-4.7310	54.400E-6
	-5.00000	9.00000	-8.50000	-6.6707	-8.9310	-0.0076555	-5.7656	66.246E-6
	-4.00000	9.00000	-8.50000	-7.5891	-8.9310	-0.012282	-7.1793	82.394E-6
	-3.00000	9.00000	-8.50000	-8.6700	-8.9310	-0.021337	-9.2013	105.41E-6
	-2.00000	9.00000	-8.50000	-9.9633	-8.9310	-0.041668	-12.288	140.31E-6
	-1.00000	9.00000	-8.50000	-11.547	-8.9310	-0.097981	-17.495	198.43E-6
	0.00000	9.00000	-8.50000	-13.561	-8.9310	-0.32142	-27.905	310.78E-6
	1.00000	9.00000	-8.50000	-16.292	-8.9310	-2.2132	-57.408	585.65E-6
	2.00000	9.00000	-8.50000	-21.395	-8.9310	-79.999	-234.96	-58.095E-6
	3.00000	9.00000	-8.50000	-26.486	-8.9310	-157.79	-412.50	-702.06E-6
	4.00000	9.00000	-8.50000	-29.185	-8.9310	-159.68	-441.95	-427.79E-6
	5.00000	9.00000	-8.50000	-31.145	-8.9310	-159.90	-452.28	-316.36E-6
	6.00000	9.00000	-8.50000	-32.660	-8.9310	-159.96	-457.38	-259.37E-6
	7.00000	9.00000	-8.50000	-33.870	-8.9310	-159.98	-460.36	-225.69E-6
	8.00000	9.00000	-8.50000	-34.857	-8.9310	-159.98	-462.28	-203.93E-6
	9.00000	9.00000	-8.50000	-35.672	-8.9310	-159.99	-463.58	-189.01E-6
	10.00000	9.00000	-8.50000	-36.351	-8.9310	-159.99	-464.52	-178.33E-6
	11.00000	9.00000	-8.50000	-36.919	-8.9310	-159.99	-465.20	-170.47E-6
	12.00000	9.00000	-8.50000	-37.394	-8.9310	-159.99	-465.72	-164.55E-6
	13.00000	9.00000	-8.50000	-37.789	-8.9310	-159.99	-466.11	-160.03E-6
	14.00000	9.00000	-8.50000	-38.116	-8.9310	-159.99	-466.41	-156.57E-6
	15.00000	9.00000	-8.50000	-38.381	-8.9310	-159.99	-466.64	-153.92E-6
	16.00000	9.00000	-8.50000	-38.591	-8.9310	-160.00	-466.82	-151.92E-6
	17.00000	9.00000	-8.50000	-38.749	-8.9310	-160.00	-466.94	-150.47E-6
	18.00000	9.00000	-8.50000	-38.860	-8.9310	-160.00	-467.03	-149.48E-6
	19.00000	9.00000	-8.50000	-38.924	-8.9310	-160.00	-467.08	-148.92E-6
	20.00000	9.00000	-8.50000	-38.943	-8.9310	-160.00	-467.09	-148.75E-6
	21.00000	9.00000	-8.50000	-38.918	-8.9310	-160.00	-467.07	-148.97E-6
	22.00000	9.00000	-8.50000	-38.847	-8.9310	-160.00	-467.02	-149.60E-6
	23.00000	9.00000	-8.50000	-38.730	-8.9310	-160.00	-466.93	-150.65E-6
	24.00000	9.00000	-8.50000	-38.563	-8.9310	-160.00	-466.79	-152.19E-6
	25.00000	9.00000	-8.50000	-38.343	-8.9310	-159.99	-466.61	-154.30E-6
	26.00000	9.00000	-8.50000	-38.066	-8.9310	-159.99	-466.37	-157.09E-6
	27.00000	9.00000	-8.50000	-37.726	-8.9310	-159.99	-466.05	-160.73E-6
	28.00000	9.00000	-8.50000	-37.314	-8.9310	-159.99	-465.64	-165.47E-6
	29.00000	9.00000	-8.50000	-36.820	-8.9310	-159.99	-465.10	-171.65E-6
	30.00000	9.00000	-8.50000	-36.230	-8.9310	-159.99	-464.38	-179.85E-6
	31.00000	9.00000	-8.50000	-35.527	-8.9310	-159.99	-463.42	-190.91E-6
	32.00000	9.00000	-8.50000	-34.685	-8.9310	-159.98	-462.07	-206.28E-6
	33.00000	9.00000	-8.50000	-33.670	-8.9310	-159.98	-460.11	-228.55E-6
	34.00000	9.00000	-8.50000	-32.431	-8.9310	-159.96	-457.09	-262.78E-6
	35.00000	9.00000	-8.50000	-30.888	-8.9310	-159.90	-451.93	-320.36E-6
	36.00000	9.00000	-8.50000	-28.901	-8.9310	-159.68	-441.55	-432.36E-6
	37.00000	9.00000	-8.50000	-26.180	-8.9310	-157.78	-412.06	-707.10E-6
	38.00000	9.00000	-8.50000	-21.072	-8.9310	-79.998	-234.49	-63.482E-6
	39.00000	9.00000	-8.50000	-15.960	-8.9310	-2.2120	-56.925	580.12E-6
	40.00000	9.00000	-8.50000	-13.227	-8.9310	-0.32026	-27.427	305.31E-6
	41.00000	9.00000	-8.50000	-11.219	-8.9310	-0.096930	-17.040	193.21E-6
	42.00000	9.00000	-8.50000	-9.6473	-8.9310	-0.040764	-11.868	135.50E-6
	43.00000	9.00000	-8.50000	-8.3708	-8.9310	-0.020593	-8.8245	101.08E-6
	44.00000	9.00000	-8.50000	-7.3096	-8.9310	-0.011688	-6.8476	78.588E-6
	45.00000	9.00000	-8.50000	-6.4124	-8.9310	-0.0071906	-5.4776	62.939E-6
	46.00000	9.00000	-8.50000	-5.6442	-8.9310	-0.0046937	-4.4832	51.555E-6
	47.00000	9.00000	-8.50000	-4.9797	-8.9310	-0.0032063	-3.7360	42.987E-6
	48.00000	9.00000	-8.50000	-4.4003	-8.9310	-0.0022708	-3.1590	36.363E-6
	49.00000	9.00000	-8.50000	-3.8917	-8.9310	-0.0016563	-2.7036	31.130E-6
	50.00000	9.00000	-8.50000	-3.4427	-8.9310	-0.0012380	-2.3375	26.921E-6
	51.00000	9.00000	-8.50000	-3.0445	-8.9310	-944.64E-6	-2.0387	23.485E-6
	52.00000	9.00000	-8.50000	-2.6900	-8.9310	-733.69E-6	-1.7916	20.642E-6
	53.00000	9.00000	-8.50000	-2.3732	-8.9310	-578.66E-6	-1.5851	18.265E-6
	54.00000	9.00000	-8.50000	-2.0893	-8.9310	-462.56E-6	-1.4106	16.257E-6
	55.00000	9.00000	-8.50000	-1.8342	-8.9310	-374.17E-6	-1.2620	14.546E-6
	56.00000	9.00000	-8.50000	-1.6046	-8.9310	-305.88E-6	-1.1345	13.077E-6
	57.00000	9.00000	-8.50000	-1.3976	-8.9310	-252.43E-6	-1.0243	11.807E-6
	58.00000	9.00000	-8.50000	-1.2105	-8.9310	-210.10E-6	-0.92841	10.703E-6
	59.00000	9.00000	-8.50000	-1.0413	-8.9310	-176.23E-6	-0.84455	9.7365E-6
	60.00000	9.00000	-8.50000	-0.88810	-8.9310	-148.87E-6	-0.77083	8.8870E-6
	-20.00000	10.00000	-8.50000	-0.96799	-8.9310	-166.01E-6	-0.81128	9.3530E-6
	-19.00000	10.00000	-8.50000	-1.1304	-8.9310	-197.36E-6	-0.89119	10.274E-6
	-18.00000	10.00000	-8.50000	-1.3099	-8.9310	-236.30E-6	-0.98235	11.324E-6
	-17.00000	10.00000	-8.50000	-1.5086	-8.9310	-285.09E-6	-1.0869	12.528E-6
	-16.00000	10.00000	-8.50000	-1.7288	-8.9310	-346.87E-6	-1.2074	13.916E-6
	-15.00000	10.00000	-8.50000	-1.9732	-8.9310	-425.93E-6	-1.3471	15.525E-6
	-14.00000	10.00000	-8.50000	-2.2449	-8.9310	-528.38E-6	-1.5103	17.404E-6
	-13.00000	10.00000	-8.50000	-2.5476	-8.9310	-662.95E-6	-1.7023	19.614E-6
	-12.00000	10.00000	-8.50000	-2.8856	-8.9310	-842.44E-6	-1.9299	22.234E-6
	-11.00000	10.00000	-8.50000	-3.2640	-8.9310	-0.0010860	-2.2023	25.368E-6
	-10.00000	10.00000	-8.50000	-3.6889	-8.9310	-0.0014232	-2.5317	29.156E-6
	-9.00000	10.00000	-8.50000	-4.1679	-8.9310	-0.0019009	-2.9347	33.788E-6
	-8.00000	10.00000	-8.50000	-4.7098	-8.9310	-0.0025962	-3.4346	39.531E-6
	-7.00000	10.00000	-8.50000	-5.3261	-8.9310	-0.0036417	-4.0650	46.767E-6
	-6.00000	10.00000	-8.50000	-6.0309	-8.9310	-0.0052786	-4.8759	56.064E-6
	-5.00000	10.00000	-8.50000	-6.8425	-8.9310	-0.0079768	-5.9449	68.303E-6
	-4.00000	10.00000	-8.50000	-7.7852	-8.9310	-0.012738	-7.4004	84.929E-6
	-3.00000	10.00000	-8.50000	-8.8927	-8.9310	-0.021974	-9.4717	108.50E-6
	-2.00000	10.00000	-8.50000	-10.214	-8.9310	-0.042528	-12.613	144.03E-6
	-1.00000	10.00000	-8.50000	-11.827	-8.9310	-0.099084	-17.877	202.79E-6
	0.00000	10.00000	-8.50000	-13.867	-8.9310	-0.32274	-28.339	315.74E-6
	1.00000	10.00000	-8.50000	-16.624	-8.9310	-2.2146	-57.882	591.08E-6
	2.00000	10.00000	-8.50000	-21.748	-8.9310	-80.001	-235.46	-52.372E-6
	3.00000	10.00000	-8.50000	-26.857	-8.9310	-157.79	-413.01	-696.19E-6
	4.00000	10.00000	-8.50000	-29.571	-8.9310	-159.68	-442.46	-421.88E-6
	5.00000	10.00000	-8.50000	-31.544	-8.9310	-159.90	-452.79	-310.44E-6
	6.00000	10.00000	-8.50000	-33.070	-8.9310	-159.96	-457.90	-253.45E-6
	7.00000	10.00000	-8.50000	-34.290	-8.9310	-159.98	-460.88	-219.77E-6
	8.00000	10.00000	-8.50000	-35.286	-8.9310	-159.99	-462.79	-197.98E-6
	9.00000	10.00000	-8.50000	-36.110	-8.9310	-159.99	-464.10	-183.03E-6
	10.00000	10.00000	-8.50000	-36.796	-8.9310	-159.99	-465.04	-172.31E-6
	11.00000	10.00000	-8.50000	-37.371	-8.9310	-159.99	-465.73	-164.40E-6
	12.00000	10.00000	-8.50000	-37.852	-8.9310	-159.99	-466.25	-158.44E-6
	13.00000	10.00000	-8.50000	-38.253	-8.9310	-160.00	-466.65	-153.89E-6
	14.00000	10.00000	-8.50000	-38.585	-8.9310	-160.00	-466.95	-150.39E-6
	15.00000	10.00000	-8.50000	-38.854	-8.9310	-160.00	-467.18	-147.71E-6
	16.00000	10.00000	-8.50000	-39.067	-8.9310	-160.00	-467.36	-145.69E-6
	17.00000	10.00000	-8.50000	-39.228	-8.9310	-160.00	-467.49	-144.21E-6
	18.00000	10.00000	-8.50000	-39.341	-8.9310	-160.00	-467.57	-143.21E-6
	19.00000	10.00000	-8.50000	-39.407	-8.9310	-160.00	-467.62	-142.63E-6
	20.00000	10.00000	-8.50000	-39.427	-8.9310	-160.00	-467.64	-142.46E-6
	21.00000	10.00000	-8.50000	-39.402

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	48.00000	10.00000	-8.50000	-4.4907	-8.9310	-0.0023153	-3.2187	37.050E-6
	49.00000	10.00000	-8.50000	-3.9717	-8.9310	-0.0016907	-2.7539	31.710E-6
	50.00000	10.00000	-8.50000	-3.5135	-8.9310	-0.0012647	-2.3801	27.413E-6
	51.00000	10.00000	-8.50000	-3.1072	-8.9310	-965.52E-6	-2.0749	23.902E-6
	52.00000	10.00000	-8.50000	-2.7454	-8.9310	-750.08E-6	-1.8225	20.998E-6
	53.00000	10.00000	-8.50000	-2.4223	-8.9310	-591.61E-6	-1.6114	18.568E-6
	54.00000	10.00000	-8.50000	-2.1329	-8.9310	-472.84E-6	-1.4332	16.517E-6
	55.00000	10.00000	-8.50000	-1.8729	-8.9310	-382.38E-6	-1.2815	14.770E-6
	56.00000	10.00000	-8.50000	-1.6390	-8.9310	-312.47E-6	-1.1513	13.270E-6
	57.00000	10.00000	-8.50000	-1.4281	-8.9310	-257.76E-6	-1.0388	11.974E-6
	58.00000	10.00000	-8.50000	-1.2377	-8.9310	-214.43E-6	-0.94101	10.848E-6
	59.00000	10.00000	-8.50000	-1.0655	-8.9310	-179.76E-6	-0.85553	9.8630E-6
	60.00000	10.00000	-8.50000	-0.90963	-8.9310	-151.76E-6	-0.78043	8.9976E-6
	-20.00000	11.00000	-8.50000	-0.98848	-8.9310	-169.84E-6	-0.82128	9.4682E-6
	-19.00000	11.00000	-8.50000	-1.1536	-8.9310	-202.20E-6	-0.90285	10.408E-6
	-18.00000	11.00000	-8.50000	-1.3362	-8.9310	-242.45E-6	-0.99601	11.481E-6
	-17.00000	11.00000	-8.50000	-1.5385	-8.9310	-292.98E-6	-1.1029	12.713E-6
	-16.00000	11.00000	-8.50000	-1.7628	-8.9310	-357.07E-6	-1.2264	14.135E-6
	-15.00000	11.00000	-8.50000	-2.0120	-8.9310	-439.27E-6	-1.3698	15.786E-6
	-14.00000	11.00000	-8.50000	-2.2892	-8.9310	-546.00E-6	-1.5374	17.716E-6
	-13.00000	11.00000	-8.50000	-2.5983	-8.9310	-686.49E-6	-1.7349	19.990E-6
	-12.00000	11.00000	-8.50000	-2.9436	-8.9310	-874.30E-6	-1.9694	22.689E-6
	-11.00000	11.00000	-8.50000	-3.3307	-8.9310	-0.0011298	-2.2505	25.922E-6
	-10.00000	11.00000	-8.50000	-3.7657	-8.9310	-0.0014842	-2.5909	29.837E-6
	-9.00000	11.00000	-8.50000	-4.2563	-8.9310	-0.0019873	-3.0080	34.631E-6
	-8.00000	11.00000	-8.50000	-4.8119	-8.9310	-0.0027209	-3.5261	40.582E-6
	-7.00000	11.00000	-8.50000	-5.4441	-8.9310	-0.0038252	-4.1801	48.088E-6
	-6.00000	11.00000	-8.50000	-6.1673	-8.9310	-0.0055536	-5.0216	57.736E-6
	-5.00000	11.00000	-8.50000	-7.0002	-8.9310	-0.0083951	-6.1305	70.430E-6
	-4.00000	11.00000	-8.50000	-7.9671	-8.9310	-0.013379	-7.6374	87.640E-6
	-3.00000	11.00000	-8.50000	-9.1014	-8.9310	-0.022948	-9.7726	111.94E-6
	-2.00000	11.00000	-8.50000	-10.451	-8.9310	-0.043962	-12.989	148.32E-6
	-1.00000	11.00000	-8.50000	-12.092	-8.9310	-0.10106	-18.331	207.97E-6
	0.00000	11.00000	-8.50000	-14.159	-8.9310	-0.32519	-28.861	321.68E-6
	1.00000	11.00000	-8.50000	-16.936	-8.9310	-2.2173	-58.445	597.47E-6
	2.00000	11.00000	-8.50000	-22.074	-8.9310	-80.003	-236.03	-45.913E-6
	3.00000	11.00000	-8.50000	-27.192	-8.9310	-157.79	-413.55	-689.98E-6
	4.00000	11.00000	-8.50000	-29.910	-8.9310	-159.68	-442.97	-416.07E-6
	5.00000	11.00000	-8.50000	-31.886	-8.9310	-159.90	-453.26	-305.03E-6
	6.00000	11.00000	-8.50000	-33.414	-8.9310	-159.96	-458.34	-248.37E-6
	7.00000	11.00000	-8.50000	-34.637	-8.9310	-159.98	-461.30	-214.92E-6
	8.00000	11.00000	-8.50000	-35.636	-8.9310	-159.99	-463.20	-193.29E-6
	9.00000	11.00000	-8.50000	-36.463	-8.9310	-159.99	-464.51	-178.42E-6
	10.00000	11.00000	-8.50000	-37.154	-8.9310	-159.99	-465.44	-167.75E-6
	11.00000	11.00000	-8.50000	-37.732	-8.9310	-159.99	-466.13	-159.86E-6
	12.00000	11.00000	-8.50000	-38.217	-8.9310	-160.00	-466.65	-153.90E-6
	13.00000	11.00000	-8.50000	-38.622	-8.9310	-160.00	-467.04	-149.33E-6
	14.00000	11.00000	-8.50000	-38.956	-8.9310	-160.00	-467.35	-145.82E-6
	15.00000	11.00000	-8.50000	-39.228	-8.9310	-160.00	-467.58	-143.13E-6
	16.00000	11.00000	-8.50000	-39.444	-8.9310	-160.00	-467.76	-141.09E-6
	17.00000	11.00000	-8.50000	-39.608	-8.9310	-160.00	-467.89	-139.60E-6
	18.00000	11.00000	-8.50000	-39.722	-8.9310	-160.00	-467.98	-138.58E-6
	19.00000	11.00000	-8.50000	-39.789	-8.9310	-160.00	-468.03	-137.99E-6
	20.00000	11.00000	-8.50000	-39.810	-8.9310	-160.00	-468.04	-137.81E-6
	21.00000	11.00000	-8.50000	-39.785	-8.9310	-160.00	-468.03	-138.03E-6
	22.00000	11.00000	-8.50000	-39.713	-8.9310	-160.00	-467.97	-138.66E-6
	23.00000	11.00000	-8.50000	-39.593	-8.9310	-160.00	-467.88	-139.75E-6
	24.00000	11.00000	-8.50000	-39.421	-8.9310	-160.00	-467.74	-141.33E-6
	25.00000	11.00000	-8.50000	-39.195	-8.9310	-160.00	-467.55	-143.51E-6
	26.00000	11.00000	-8.50000	-38.909	-8.9310	-160.00	-467.30	-146.39E-6
	27.00000	11.00000	-8.50000	-38.557	-8.9310	-160.00	-466.97	-150.15E-6
	28.00000	11.00000	-8.50000	-38.131	-8.9310	-160.00	-466.55	-155.03E-6
	29.00000	11.00000	-8.50000	-37.620	-8.9310	-159.99	-465.99	-161.42E-6
	30.00000	11.00000	-8.50000	-37.011	-8.9310	-159.99	-465.25	-169.85E-6
	31.00000	11.00000	-8.50000	-36.284	-8.9310	-159.99	-464.26	-181.21E-6
	32.00000	11.00000	-8.50000	-35.415	-8.9310	-159.99	-462.88	-196.94E-6
	33.00000	11.00000	-8.50000	-34.370	-8.9310	-159.98	-460.89	-219.63E-6
	34.00000	11.00000	-8.50000	-33.097	-8.9310	-159.96	-457.82	-254.36E-6
	35.00000	11.00000	-8.50000	-31.516	-8.9310	-159.90	-452.61	-312.48E-6
	36.00000	11.00000	-8.50000	-29.490	-8.9310	-159.68	-442.18	-425.09E-6
	37.00000	11.00000	-8.50000	-26.727	-8.9310	-157.78	-412.63	-700.49E-6
	38.00000	11.00000	-8.50000	-21.576	-8.9310	-79.999	-235.01	-57.551E-6
	39.00000	11.00000	-8.50000	-16.421	-8.9310	-2.2127	-57.382	585.37E-6
	40.00000	11.00000	-8.50000	-13.645	-8.9310	-0.32082	-27.827	309.90E-6
	41.00000	11.00000	-8.50000	-11.597	-8.9310	-0.097384	-17.386	197.19E-6
	42.00000	11.00000	-8.50000	-9.9862	-8.9310	-0.041125	-12.165	138.91E-6
	43.00000	11.00000	-8.50000	-8.6736	-8.9310	-0.020877	-9.0771	103.99E-6
	44.00000	11.00000	-8.50000	-7.5793	-8.9310	-0.011910	-7.0618	81.051E-6
	45.00000	11.00000	-8.50000	-6.6520	-8.9310	-0.0073625	-5.6587	65.023E-6
	46.00000	11.00000	-8.50000	-5.8567	-8.9310	-0.0048267	-4.6362	53.315E-6
	47.00000	11.00000	-8.50000	-5.1680	-8.9310	-0.0033093	-3.8652	44.474E-6
	48.00000	11.00000	-8.50000	-4.5670	-8.9310	-0.0023507	-3.2682	37.620E-6
	49.00000	11.00000	-8.50000	-4.0393	-8.9310	-0.0017184	-2.7960	32.194E-6
	50.00000	11.00000	-8.50000	-3.5734	-8.9310	-0.0012865	-2.4159	27.824E-6
	51.00000	11.00000	-8.50000	-3.1603	-8.9310	-982.68E-6	-2.1054	24.253E-6
	52.00000	11.00000	-8.50000	-2.7926	-8.9310	-763.66E-6	-1.8485	21.298E-6
	53.00000	11.00000	-8.50000	-2.4641	-8.9310	-602.40E-6	-1.6337	18.825E-6
	54.00000	11.00000	-8.50000	-2.1700	-8.9310	-481.46E-6	-1.4524	16.738E-6
	55.00000	11.00000	-8.50000	-1.9059	-8.9310	-389.29E-6	-1.2980	14.960E-6
	56.00000	11.00000	-8.50000	-1.6683	-8.9310	-318.05E-6	-1.1655	13.434E-6
	57.00000	11.00000	-8.50000	-1.4541	-8.9310	-262.27E-6	-1.0531	12.117E-6
	58.00000	11.00000	-8.50000	-1.2608	-8.9310	-218.10E-6	-0.95174	10.972E-6
	59.00000	11.00000	-8.50000	-1.0861	-8.9310	-182.76E-6	-0.86488	9.9708E-6
	60.00000	11.00000	-8.50000	-0.92798	-8.9310	-154.22E-6	-0.78860	9.0918E-6
	-20.00000	12.00000	-8.50000	-1.0054	-8.9310	-173.25E-6	-0.82973	9.5656E-6
	-19.00000	12.00000	-8.50000	-1.1729	-8.9310	-206.54E-6	-0.91275	10.522E-6
	-18.00000	12.00000	-8.50000	-1.3582	-8.9310	-248.02E-6	-1.0077	11.616E-6
	-17.00000	12.00000	-8.50000	-1.5635	-8.9310	-300.20E-6	-1.1168	12.872E-6
	-16.00000	12.00000	-8.50000	-1.7914	-8.9310	-366.52E-6	-1.2429	14.325E-6
	-15.00000	12.00000	-8.50000	-2.0446	-8.9310	-451.78E-6	-1.3895	16.013E-6
	-14.00000	12.00000	-8.50000	-2.3266	-8.9310	-562.78E-6	-1.5612	17.991E-6
	-13.00000	12.00000	-8.50000	-2.6412	-8.9310	-709.32E-6	-1.7639	20.323E-6
	-12.00000	12.00000	-8.50000	-2.9931	-8.9310	-905.85E-6	-2.0049	23.097E-6
	-11.00000	12.00000	-8.50000	-3.3878	-8.9310	-0.0011742	-2.2945	26.428E-6
	-10.00000	12.00000	-8.50000	-3.8319	-8.9310	-0.0015480	-2.6458	30.468E-6
	-9.00000	12.00000	-8.50000	-4.3333	-8.9310	-0.0020811	-3.0773	35.427E-6
	-8.00000	12.00000	-8.50000	-4.9017	-8.9310	-0.0028624	-3.6146	41.599E-6
	-7.00000	12.00000	-8.50000	-5.5491	-8.9310	-0.0040451	-4.2947	49.403E-6
	-6.00000	12.00000	-8.50000	-6.2905	-8.9310	-0.0059062	-5.1722	59.461E-6
	-5.00000	12.00000	-8.50000	-7.1449	-8.9310	-0.0089784	-6.3312	72.725E-6
	-4.00000	12.00000	-8.50000	-8.1374	-8.9310	-0.014369	-7.9082	90.730E-6
	-3.00000	12.00000	-8.50000	-9.3012	-8.9310	-0.024646	-10.140	116.12E-6
	-2.00000	12.00000	-8.50000	-10.684	-8.9310	-0.046812	-13.482	153.91E-6
	-1.00000	12.00000	-8.50000	-12.358	-8.9310	-0.10551	-18.969	215.17E-6
	0.00000	12.00000	-8.50000	-14.453	-8.9310	-0.33124	-29.627	330.30E-6
	1.00000	12.00000	-8.50000	-17.249	-8.9310	-2.2241	-59.272	606.78E-6
	2.00000	12.00000	-8.50000	-22.394	-8.9310	-80.009	-236.83	-36.932E-6
	3.00000	12.00000	-8.50000	-27.508	-8.9310	-157.79	-414.25	-682.08E-6
	4.00000	12.00000	-8.50000	-30.216	-8.9310	-159.68	-443.55	-409.45E-6
	5.00000	12.00000	-8.50000	-32.183	-8.9310	-159.90	-453.75	-299.52E-6
	6.00000	12.00000	-8.50000	-33.703	-8.9310	-159.96	-458.75	-243.67E-6
	7.00000	12.00000	-8.50000	-34.920	-8.9310	-159.98	-461.66	-210.77E-6
	8.00000	12.00000	-8.50000	-35.915	-8.9310	-159.99	-463.54	-189.48E-6
	9.00000	12.00000	-8.50000	-36.741	-8.9310	-159.99	-464.82	-174.83E-6
	10.00000	12.00000	-8.50000	-37.431	-8.9310	-159.99	-465.74	-164.30E-6
	11.00000	12.00000	-8.50000	-38.010	-8.9310	-159.99	-466.42	-156.49E-6
	12.00000	12.00000	-8.50000	-38.496	-8.9310	-160.00	-466.93	-150.57E-6
	13.00000	12.00000	-8.50000	-38.902	-8.9310	-160.00	-467.33	-146.03E-6
	14.00000	12.00000	-8.50000	-39.239	-8.9310	-160.00	-467.63	-142.53E-6
	15.00000	12.00000	-8.50000	-39.513	-8.9310	-160.00	-467.87	-139.83E-6
	16.00000	12.00000	-8.50000	-39.731	-8.9310	-160.00	-468.05	-137.78E-6
	17.00000	12.00000	-8.50000	-39.896	-8.9310	-160.00	-468.18	-136.28E-6
	18.00000	12.00000	-8.50000	-40.012	-8.9310	-160.00	-468.27	-135.25E-6
	19.00000	12.00000	-8.50000	-40.081	-8.9310	-160.00	-468.32	-134.65E-6
	20.00000	12.00000	-8.50000	-40.103	-8.9310	-160.00	-468.34	-134.46E-6
	21.00000	12.00000	-8.50000	-40.078	-8.9310	-160.00	-468.32	-134.67E-6
	22.00000	12.00000	-8.50000	-40.006	-8.9310	-160.00	-468.26	-135.30E-6
	23.00000	12.00000	-8.50000	-39.886	-8.9310	-160.00	-468.17	-136.39E-6
	24.00000	12.00000	-8.50000	-39.713	-8.9310	-160.00	-468.03	-137.98E-6
	25.00000	12.00000	-8.50000	-39.485	-8.9310	-160.00	-467.84	-140.16E-6
	26.00000	12.00000	-8.50000	-39.197	-8.9310	-160.00	-467.59	-143.07E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	27.00000	12.00000	-8.50000	-38.842	-8.9310	-160.00	-467.26	-146.86E-6
	28.00000	12.00000	-8.50000	-38.411	-8.9310	-160.00	-466.83	-151.80E-6
	29.00000	12.00000	-8.50000	-37.895	-8.9310	-159.99	-466.27	-158.24E-6
	30.00000	12.00000	-8.50000	-37.279	-8.9310	-159.99	-465.52	-166.75E-6
	31.00000	12.00000	-8.50000	-36.544	-8.9310	-159.99	-464.52	-178.20E-6
	32.00000	12.00000	-8.50000	-35.666	-8.9310	-159.99	-463.14	-194.04E-6
	33.00000	12.00000	-8.50000	-34.611	-8.9310	-159.98	-461.13	-216.86E-6
	34.00000	12.00000	-8.50000	-33.327	-8.9310	-159.96	-458.05	-251.73E-6
	35.00000	12.00000	-8.50000	-31.734	-8.9310	-159.90	-452.83	-310.02E-6
	36.00000	12.00000	-8.50000	-29.695	-8.9310	-159.68	-442.38	-422.81E-6
	37.00000	12.00000	-8.50000	-26.918	-8.9310	-157.79	-412.81	-698.40E-6
	38.00000	12.00000	-8.50000	-21.753	-8.9310	-79.999	-235.17	-55.653E-6
	39.00000	12.00000	-8.50000	-16.584	-8.9310	-2.2128	-57.530	587.07E-6
	40.00000	12.00000	-8.50000	-13.794	-8.9310	-0.32098	-27.958	311.41E-6
	41.00000	12.00000	-8.50000	-11.732	-8.9310	-0.097512	-17.501	198.51E-6
	42.00000	12.00000	-8.50000	-10.108	-8.9310	-0.041230	-12.265	140.06E-6
	43.00000	12.00000	-8.50000	-8.7835	-8.9310	-0.020962	-9.1639	104.99E-6
	44.00000	12.00000	-8.50000	-7.6778	-8.9310	-0.011978	-7.1364	81.910E-6
	45.00000	12.00000	-8.50000	-6.7400	-8.9310	-0.0074175	-5.7227	65.759E-6
	46.00000	12.00000	-8.50000	-5.9351	-8.9310	-0.0048704	-4.6909	53.944E-6
	47.00000	12.00000	-8.50000	-5.2378	-8.9310	-0.0033439	-3.9118	45.010E-6
	48.00000	12.00000	-8.50000	-4.6290	-8.9310	-0.0023781	-3.3080	38.078E-6
	49.00000	12.00000	-8.50000	-4.0944	-8.9310	-0.0017401	-2.8299	32.585E-6
	50.00000	12.00000	-8.50000	-3.6223	-8.9310	-0.0013037	-2.4448	28.158E-6
	51.00000	12.00000	-8.50000	-3.2037	-8.9310	-996.34E-6	-2.1301	24.538E-6
	52.00000	12.00000	-8.50000	-2.8310	-8.9310	-774.55E-6	-1.8697	21.542E-6
	53.00000	12.00000	-8.50000	-2.4983	-8.9310	-611.10E-6	-1.6519	19.035E-6
	54.00000	12.00000	-8.50000	-2.2003	-8.9310	-488.44E-6	-1.4680	16.918E-6
	55.00000	12.00000	-8.50000	-1.9328	-8.9310	-394.91E-6	-1.3115	15.115E-6
	56.00000	12.00000	-8.50000	-1.6922	-8.9310	-322.59E-6	-1.1772	13.569E-6
	57.00000	12.00000	-8.50000	-1.4754	-8.9310	-265.95E-6	-1.0612	12.233E-6
	58.00000	12.00000	-8.50000	-1.2798	-8.9310	-221.10E-6	-0.96053	11.073E-6
	59.00000	12.00000	-8.50000	-1.1030	-8.9310	-185.22E-6	-0.87254	10.059E-6
	60.00000	12.00000	-8.50000	-0.94301	-8.9310	-156.25E-6	-0.79529	9.1689E-6
	-20.00000	13.00000	-8.50000	-1.0187	-8.9310	-176.19E-6	-0.83654	9.6441E-6
	-19.00000	13.00000	-8.50000	-1.1880	-8.9310	-210.32E-6	-0.92079	10.615E-6
	-18.00000	13.00000	-8.50000	-1.3754	-8.9310	-252.93E-6	-1.0172	11.726E-6
	-17.00000	13.00000	-8.50000	-1.5833	-8.9310	-306.65E-6	-1.1282	13.004E-6
	-16.00000	13.00000	-8.50000	-1.8140	-8.9310	-375.10E-6	-1.2566	14.483E-6
	-15.00000	13.00000	-8.50000	-2.0707	-8.9310	-463.33E-6	-1.4061	16.205E-6
	-14.00000	13.00000	-8.50000	-2.3567	-8.9310	-578.57E-6	-1.5816	18.225E-6
	-13.00000	13.00000	-8.50000	-2.6761	-8.9310	-731.26E-6	-1.7889	20.611E-6
	-12.00000	13.00000	-8.50000	-3.0336	-8.9310	-936.92E-6	-2.0362	23.456E-6
	-11.00000	13.00000	-8.50000	-3.4350	-8.9310	-0.0012191	-2.3338	26.880E-6
	-10.00000	13.00000	-8.50000	-3.8871	-8.9310	-0.0016147	-2.6959	31.044E-6
	-9.00000	13.00000	-8.50000	-4.3983	-8.9310	-0.0021831	-3.1422	36.173E-6
	-8.00000	13.00000	-8.50000	-4.9786	-8.9310	-0.0030237	-3.7002	42.580E-6
	-7.00000	13.00000	-8.50000	-5.6406	-8.9310	-0.0043108	-4.4097	50.721E-6
	-6.00000	13.00000	-8.50000	-6.4001	-8.9310	-0.0063643	-5.3305	61.271E-6
	-5.00000	13.00000	-8.50000	-7.2772	-8.9310	-0.0098097	-6.5549	75.276E-6
	-4.00000	13.00000	-8.50000	-8.2980	-8.9310	-0.015959	-8.2334	94.427E-6
	-3.00000	13.00000	-8.50000	-9.4971	-8.9310	-0.027826	-10.625	121.60E-6
	-2.00000	13.00000	-8.50000	-10.922	-8.9310	-0.053256	-14.212	162.10E-6
	-1.00000	13.00000	-8.50000	-12.643	-8.9310	-0.11780	-20.034	227.03E-6
	0.00000	13.00000	-8.50000	-14.780	-8.9310	-0.35082	-31.035	345.87E-6
	1.00000	13.00000	-8.50000	-17.598	-8.9310	-2.2473	-60.840	624.06E-6
	2.00000	13.00000	-8.50000	-22.737	-8.9310	-80.029	-238.25	-21.147E-6
	3.00000	13.00000	-8.50000	-27.826	-8.9310	-157.81	-415.36	-669.78E-6
	4.00000	13.00000	-8.50000	-30.504	-8.9310	-159.69	-444.34	-400.62E-6
	5.00000	13.00000	-8.50000	-32.443	-8.9310	-159.91	-454.31	-293.20E-6
	6.00000	13.00000	-8.50000	-33.942	-8.9310	-159.96	-459.17	-238.96E-6
	7.00000	13.00000	-8.50000	-35.144	-8.9310	-159.98	-461.99	-207.04E-6
	8.00000	13.00000	-8.50000	-36.129	-8.9310	-159.99	-463.81	-186.36E-6
	9.00000	13.00000	-8.50000	-36.948	-8.9310	-159.99	-465.06	-172.07E-6
	10.00000	13.00000	-8.50000	-37.634	-8.9310	-159.99	-465.96	-161.76E-6
	11.00000	13.00000	-8.50000	-38.211	-8.9310	-160.00	-466.63	-154.09E-6
	12.00000	13.00000	-8.50000	-38.696	-8.9310	-160.00	-467.14	-148.26E-6
	13.00000	13.00000	-8.50000	-39.102	-8.9310	-160.00	-467.53	-143.77E-6
	14.00000	13.00000	-8.50000	-39.439	-8.9310	-160.00	-467.83	-140.29E-6
	15.00000	13.00000	-8.50000	-39.714	-8.9310	-160.00	-468.06	-137.60E-6
	16.00000	13.00000	-8.50000	-39.933	-8.9310	-160.00	-468.24	-135.55E-6
	17.00000	13.00000	-8.50000	-40.099	-8.9310	-160.00	-468.37	-134.05E-6
	18.00000	13.00000	-8.50000	-40.217	-8.9310	-160.00	-468.46	-133.01E-6
	19.00000	13.00000	-8.50000	-40.287	-8.9310	-160.00	-468.52	-132.40E-6
	20.00000	13.00000	-8.50000	-40.310	-8.9310	-160.00	-468.53	-132.19E-6
	21.00000	13.00000	-8.50000	-40.287	-8.9310	-160.00	-468.52	-132.39E-6
	22.00000	13.00000	-8.50000	-40.216	-8.9310	-160.00	-468.46	-133.00E-6
	23.00000	13.00000	-8.50000	-40.096	-8.9310	-160.00	-468.37	-134.08E-6
	24.00000	13.00000	-8.50000	-39.923	-8.9310	-160.00	-468.23	-135.66E-6
	25.00000	13.00000	-8.50000	-39.695	-8.9310	-160.00	-468.04	-137.85E-6
	26.00000	13.00000	-8.50000	-39.405	-8.9310	-160.00	-467.79	-140.76E-6
	27.00000	13.00000	-8.50000	-39.048	-8.9310	-160.00	-467.46	-144.57E-6
	28.00000	13.00000	-8.50000	-38.615	-8.9310	-160.00	-467.03	-149.53E-6
	29.00000	13.00000	-8.50000	-38.096	-8.9310	-159.99	-466.46	-156.01E-6
	30.00000	13.00000	-8.50000	-37.475	-8.9310	-159.99	-465.71	-164.57E-6
	31.00000	13.00000	-8.50000	-36.735	-8.9310	-159.99	-464.71	-176.08E-6
	32.00000	13.00000	-8.50000	-35.852	-8.9310	-159.99	-463.32	-191.99E-6
	33.00000	13.00000	-8.50000	-34.789	-8.9310	-159.98	-461.30	-214.90E-6
	34.00000	13.00000	-8.50000	-33.497	-8.9310	-159.96	-458.21	-249.87E-6
	35.00000	13.00000	-8.50000	-31.896	-8.9310	-159.90	-452.98	-308.27E-6
	36.00000	13.00000	-8.50000	-29.847	-8.9310	-159.68	-442.52	-421.18E-6
	37.00000	13.00000	-8.50000	-27.061	-8.9310	-157.79	-412.94	-696.90E-6
	38.00000	13.00000	-8.50000	-21.886	-8.9310	-79.999	-235.29	-54.287E-6
	39.00000	13.00000	-8.50000	-16.706	-8.9310	-2.2130	-57.637	588.30E-6
	40.00000	13.00000	-8.50000	-13.906	-8.9310	-0.32108	-28.054	312.51E-6
	41.00000	13.00000	-8.50000	-11.834	-8.9310	-0.097598	-17.585	199.48E-6
	42.00000	13.00000	-8.50000	-10.201	-8.9310	-0.041302	-12.339	140.91E-6
	43.00000	13.00000	-8.50000	-8.8670	-8.9310	-0.021022	-9.2283	105.73E-6
	44.00000	13.00000	-8.50000	-7.7528	-8.9310	-0.012027	-7.1922	82.552E-6
	45.00000	13.00000	-8.50000	-6.8072	-8.9310	-0.0074569	-5.7708	66.312E-6
	46.00000	13.00000	-8.50000	-5.9951	-8.9310	-0.0049021	-4.7322	54.420E-6
	47.00000	13.00000	-8.50000	-5.2913	-8.9310	-0.0033693	-3.9472	45.418E-6
	48.00000	13.00000	-8.50000	-4.6767	-8.9310	-0.0023984	-3.3383	38.427E-6
	49.00000	13.00000	-8.50000	-4.1367	-8.9310	-0.0017563	-2.8558	32.884E-6
	50.00000	13.00000	-8.50000	-3.6599	-8.9310	-0.0013166	-2.4670	28.414E-6
	51.00000	13.00000	-8.50000	-3.2371	-8.9310	-0.0010067	-2.1491	24.757E-6
	52.00000	13.00000	-8.50000	-2.8607	-8.9310	-782.84E-6	-1.8860	21.730E-6
	53.00000	13.00000	-8.50000	-2.5247	-8.9310	-617.75E-6	-1.6659	19.196E-6
	54.00000	13.00000	-8.50000	-2.2238	-8.9310	-493.80E-6	-1.4801	17.057E-6
	55.00000	13.00000	-8.50000	-1.9537	-8.9310	-399.24E-6	-1.3219	15.235E-6
	56.00000	13.00000	-8.50000	-1.7108	-8.9310	-326.10E-6	-1.1862	13.672E-6
	57.00000	13.00000	-8.50000	-1.4919	-8.9310	-268.81E-6	-1.0691	12.323E-6
	58.00000	13.00000	-8.50000	-1.2944	-8.9310	-223.43E-6	-0.96732	11.151E-6
	59.00000	13.00000	-8.50000	-1.1160	-8.9310	-187.13E-6	-0.87847	10.127E-6
	60.00000	13.00000	-8.50000	-0.95464

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	6.00000	14.00000	-8.50000	-34.135	-8.9310	-159.96	-459.61	-233.96E-6
	7.00000	14.00000	-8.50000	-35.312	-8.9310	-159.98	-462.29	-203.60E-6
	8.00000	14.00000	-8.50000	-36.280	-8.9310	-159.99	-464.03	-183.80E-6
	9.00000	14.00000	-8.50000	-37.088	-8.9310	-159.99	-465.24	-170.03E-6
	10.00000	14.00000	-8.50000	-37.766	-8.9310	-159.99	-466.11	-160.03E-6
	11.00000	14.00000	-8.50000	-38.337	-8.9310	-160.00	-466.76	-152.55E-6
	12.00000	14.00000	-8.50000	-38.819	-8.9310	-160.00	-467.26	-146.84E-6
	13.00000	14.00000	-8.50000	-39.223	-8.9310	-160.00	-467.64	-142.42E-6
	14.00000	14.00000	-8.50000	-39.559	-8.9310	-160.00	-467.94	-138.98E-6
	15.00000	14.00000	-8.50000	-39.835	-8.9310	-160.00	-468.18	-136.32E-6
	16.00000	14.00000	-8.50000	-40.054	-8.9310	-160.00	-468.35	-134.28E-6
	17.00000	14.00000	-8.50000	-40.222	-8.9310	-160.00	-468.48	-132.76E-6
	18.00000	14.00000	-8.50000	-40.341	-8.9310	-160.00	-468.58	-131.71E-6
	19.00000	14.00000	-8.50000	-40.412	-8.9310	-160.00	-468.63	-131.08E-6
	20.00000	14.00000	-8.50000	-40.437	-8.9310	-160.00	-468.65	-130.86E-6
	21.00000	14.00000	-8.50000	-40.416	-8.9310	-160.00	-468.63	-131.03E-6
	22.00000	14.00000	-8.50000	-40.346	-8.9310	-160.00	-468.58	-131.63E-6
	23.00000	14.00000	-8.50000	-40.228	-8.9310	-160.00	-468.49	-132.68E-6
	24.00000	14.00000	-8.50000	-40.056	-8.9310	-160.00	-468.36	-134.24E-6
	25.00000	14.00000	-8.50000	-39.829	-8.9310	-160.00	-468.17	-136.42E-6
	26.00000	14.00000	-8.50000	-39.540	-8.9310	-160.00	-467.91	-139.32E-6
	27.00000	14.00000	-8.50000	-39.182	-8.9310	-160.00	-467.58	-143.12E-6
	28.00000	14.00000	-8.50000	-38.749	-8.9310	-160.00	-467.15	-148.09E-6
	29.00000	14.00000	-8.50000	-38.227	-8.9310	-159.99	-466.58	-154.58E-6
	30.00000	14.00000	-8.50000	-37.605	-8.9310	-159.99	-465.84	-163.16E-6
	31.00000	14.00000	-8.50000	-36.862	-8.9310	-159.99	-464.83	-174.70E-6
	32.00000	14.00000	-8.50000	-35.975	-8.9310	-159.99	-463.43	-190.66E-6
	33.00000	14.00000	-8.50000	-34.908	-8.9310	-159.98	-461.41	-213.62E-6
	34.00000	14.00000	-8.50000	-33.611	-8.9310	-159.96	-458.32	-248.65E-6
	35.00000	14.00000	-8.50000	-32.005	-8.9310	-159.90	-453.08	-307.12E-6
	36.00000	14.00000	-8.50000	-29.950	-8.9310	-159.68	-442.61	-420.10E-6
	37.00000	14.00000	-8.50000	-27.158	-8.9310	-157.79	-413.03	-695.90E-6
	38.00000	14.00000	-8.50000	-21.976	-8.9310	-79.999	-235.37	-53.378E-6
	39.00000	14.00000	-8.50000	-16.789	-8.9310	-2.2130	-57.708	589.12E-6
	40.00000	14.00000	-8.50000	-13.983	-8.9310	-0.32114	-28.118	313.25E-6
	41.00000	14.00000	-8.50000	-11.904	-8.9310	-0.097654	-17.642	200.14E-6
	42.00000	14.00000	-8.50000	-10.265	-8.9310	-0.041350	-12.390	141.49E-6
	43.00000	14.00000	-8.50000	-8.9246	-8.9310	-0.021061	-9.2723	106.23E-6
	44.00000	14.00000	-8.50000	-7.8047	-8.9310	-0.012059	-7.2305	82.992E-6
	45.00000	14.00000	-8.50000	-6.8538	-8.9310	-0.0074832	-5.8039	66.693E-6
	46.00000	14.00000	-8.50000	-6.0368	-8.9310	-0.0049235	-4.7607	54.748E-6
	47.00000	14.00000	-8.50000	-5.3285	-8.9310	-0.0033866	-3.9718	45.707E-6
	48.00000	14.00000	-8.50000	-4.7099	-8.9310	-0.0024123	-3.3594	38.670E-6
	49.00000	14.00000	-8.50000	-4.1663	-8.9310	-0.0017675	-2.8739	33.092E-6
	50.00000	14.00000	-8.50000	-3.6862	-8.9310	-0.0013256	-2.4826	28.592E-6
	51.00000	14.00000	-8.50000	-3.2605	-8.9310	-0.0010139	-2.1625	24.911E-6
	52.00000	14.00000	-8.50000	-2.8815	-8.9310	-788.64E-6	-1.8975	21.861E-6
	53.00000	14.00000	-8.50000	-2.5431	-8.9310	-622.43E-6	-1.6758	19.310E-6
	54.00000	14.00000	-8.50000	-2.2402	-8.9310	-497.57E-6	-1.4886	17.155E-6
	55.00000	14.00000	-8.50000	-1.9683	-8.9310	-402.29E-6	-1.3292	15.319E-6
	56.00000	14.00000	-8.50000	-1.7237	-8.9310	-328.57E-6	-1.1925	13.745E-6
	57.00000	14.00000	-8.50000	-1.5035	-8.9310	-270.83E-6	-1.0746	12.386E-6
	58.00000	14.00000	-8.50000	-1.3047	-8.9310	-225.08E-6	-0.97209	11.206E-6
	59.00000	14.00000	-8.50000	-1.1252	-8.9310	-188.48E-6	-0.88262	10.175E-6
	60.00000	14.00000	-8.50000	-0.96279	-8.9310	-158.93E-6	-0.80410	9.2705E-6
	-20.00000	15.00000	-8.50000	-1.0337	-8.9310	-180.50E-6	-0.84497	9.7411E-6
	-19.00000	15.00000	-8.50000	-1.2053	-8.9310	-216.00E-6	-0.93093	10.732E-6
	-18.00000	15.00000	-8.50000	-1.3954	-8.9310	-260.50E-6	-1.0295	11.867E-6
	-17.00000	15.00000	-8.50000	-1.6064	-8.9310	-316.87E-6	-1.1432	13.177E-6
	-16.00000	15.00000	-8.50000	-1.8410	-8.9310	-389.09E-6	-1.2751	14.696E-6
	-15.00000	15.00000	-8.50000	-2.1022	-8.9310	-482.78E-6	-1.4292	16.470E-6
	-14.00000	15.00000	-8.50000	-2.3937	-8.9310	-606.08E-6	-1.6106	18.559E-6
	-13.00000	15.00000	-8.50000	-2.7197	-8.9310	-770.93E-6	-1.8259	21.036E-6
	-12.00000	15.00000	-8.50000	-3.0854	-8.9310	-995.40E-6	-2.0838	24.004E-6
	-11.00000	15.00000	-8.50000	-3.4970	-8.9310	-0.0013076	-2.3962	27.599E-6
	-10.00000	15.00000	-8.50000	-3.9618	-8.9310	-0.0017526	-2.7791	31.999E-6
	-9.00000	15.00000	-8.50000	-4.4889	-8.9310	-0.0024059	-3.2553	37.469E-6
	-8.00000	15.00000	-8.50000	-5.0897	-8.9310	-0.0033998	-3.8577	44.384E-6
	-7.00000	15.00000	-8.50000	-5.7786	-8.9310	-0.0049803	-4.6357	53.304E-6
	-6.00000	15.00000	-8.50000	-6.5738	-8.9310	-0.0076391	-5.6666	65.105E-6
	-5.00000	15.00000	-8.50000	-7.4997	-8.9310	-0.012455	-7.0791	81.232E-6
	-4.00000	15.00000	-8.50000	-8.5891	-8.9310	-0.022100	-9.1018	104.23E-6
	-3.00000	15.00000	-8.50000	-9.8884	-8.9310	-0.044393	-12.183	139.00E-6
	-2.00000	15.00000	-8.50000	-11.465	-8.9310	-0.10813	-17.314	195.99E-6
	-1.00000	15.00000	-8.50000	-13.416	-8.9310	-0.35353	-26.985	299.06E-6
	0.00000	15.00000	-8.50000	-15.852	-8.9310	-1.3456	-46.394	488.63E-6
	1.00000	15.00000	-8.50000	-18.832	-8.9310	-3.8507	-81.840	810.83E-6
	2.00000	15.00000	-8.50000	-23.819	-8.9310	-81.024	-253.62	121.73E-6
	3.00000	15.00000	-8.50000	-28.619	-8.9310	-158.04	-422.33	-597.52E-6
	4.00000	15.00000	-8.50000	-31.076	-8.9310	-159.74	-447.47	-366.39E-6
	5.00000	15.00000	-8.50000	-32.873	-8.9310	-159.92	-455.90	-275.35E-6
	6.00000	15.00000	-8.50000	-34.281	-8.9310	-159.97	-460.08	-228.61E-6
	7.00000	15.00000	-8.50000	-35.423	-8.9310	-159.98	-462.57	-200.44E-6
	8.00000	15.00000	-8.50000	-36.368	-8.9310	-159.99	-464.21	-181.79E-6
	9.00000	15.00000	-8.50000	-37.160	-8.9310	-159.99	-465.36	-168.68E-6
	10.00000	15.00000	-8.50000	-37.827	-8.9310	-159.99	-466.19	-159.07E-6
	11.00000	15.00000	-8.50000	-38.391	-8.9310	-160.00	-466.82	-151.83E-6
	12.00000	15.00000	-8.50000	-38.867	-8.9310	-160.00	-467.31	-146.27E-6
	13.00000	15.00000	-8.50000	-39.268	-8.9310	-160.00	-467.69	-141.94E-6
	14.00000	15.00000	-8.50000	-39.602	-8.9310	-160.00	-467.98	-138.56E-6
	15.00000	15.00000	-8.50000	-39.877	-8.9310	-160.00	-468.21	-135.92E-6
	16.00000	15.00000	-8.50000	-40.096	-8.9310	-160.00	-468.39	-133.89E-6
	17.00000	15.00000	-8.50000	-40.265	-8.9310	-160.00	-468.52	-132.37E-6
	18.00000	15.00000	-8.50000	-40.385	-8.9310	-160.00	-468.61	-131.30E-6
	19.00000	15.00000	-8.50000	-40.459	-8.9310	-160.00	-468.67	-130.65E-6
	20.00000	15.00000	-8.50000	-40.486	-8.9310	-160.00	-468.69	-130.39E-6
	21.00000	15.00000	-8.50000	-40.467	-8.9310	-160.00	-468.68	-130.53E-6
	22.00000	15.00000	-8.50000	-40.400	-8.9310	-160.00	-468.63	-131.09E-6
	23.00000	15.00000	-8.50000	-40.284	-8.9310	-160.00	-468.54	-132.10E-6
	24.00000	15.00000	-8.50000	-40.115	-8.9310	-160.00	-468.41	-133.64E-6
	25.00000	15.00000	-8.50000	-39.890	-8.9310	-160.00	-468.22	-135.78E-6
	26.00000	15.00000	-8.50000	-39.603	-8.9310	-160.00	-467.97	-138.65E-6
	27.00000	15.00000	-8.50000	-39.247	-8.9310	-160.00	-467.64	-142.43E-6
	28.00000	15.00000	-8.50000	-38.814	-8.9310	-160.00	-467.21	-147.38E-6
	29.00000	15.00000	-8.50000	-38.293	-8.9310	-160.00	-466.61	-153.86E-6
	30.00000	15.00000	-8.50000	-37.671	-8.9310	-159.99	-465.90	-162.44E-6
	31.00000	15.00000	-8.50000	-36.928	-8.9310	-159.99	-464.89	-173.99E-6
	32.00000	15.00000	-8.50000	-36.040	-8.9310	-159.99	-463.49	-189.96E-6
	33.00000	15.00000	-8.50000	-34.971	-8.9310	-159.98	-461.47	-212.93E-6
	34.00000	15.00000	-8.50000	-33.672	-8.9310	-159.96	-458.37	-247.99E-6
	35.00000	15.00000	-8.50000	-32.064	-8.9310	-159.90	-453.13	-306.49E-6
	36.00000	15.00000	-8.50000	-30.006	-8.9310	-159.68	-442.67	-419.52E-6
	37.00000	15.00000	-8.50000	-27.210	-8.9310	-157.79	-413.08	-695.36E-6
	38.00000	15.00000	-8.50000	-22.025	-8.9310	-79.999	-235.41	-52.874E-6
	39.00000	15.00000	-8.50000	-16.835	-8.9310	-2.2131	-57.748	589.58E-6
	40.00000	15.00000	-8.50000	-14.025	-8.9310	-0.32118	-28.154	313.66E-6
	41.00000	15.00000	-8.50000	-11.943	-8.9310	-0.097685	-17.674	200.51E-6
	42.00000	15.00000	-8.50000	-10.300	-8.9310	-0.041376	-12.418	141.82E-6
	43.00000	15.00000	-8.50000	-8.9569	-8.9310	-0.021083	-9.2972	106.52E-6
	44.00000	15.00000	-8.50000	-7.8338	-8.9310	-0.012077	-7.2522	83.242E-6
	45.00000	15.00000	-8.50000	-6.8800	-8.9310	-0.0074982	-5.8227	66.910E-6
	46.00000	15.00000	-8.50000	-6.0603	-8.9310	-0.0049357	-4.7771	54.936E-6
	47.00000	15.00000	-8.50000	-5.3495	-8.9310	-0.0033965	-3.9859	45.863E-6
	48.00000	15.00000	-8.50000	-4.7286	-8.9310	-0.0024204	-3.3715	38.809E-6
	49.00000	15.00000	-8.50000	-4.1830	-8.9310	-0.0017740	-2.8843	33.211E-6
	50.00000	15.00000	-8.50000	-3.7011	-8.9310	-0.0013308	-2.4915	28.695E-6
	51.00000	15.00000	-8.50000	-3.2737	-8.9310	-0.0010181	-2.1701	24.999E-6
	52.00000	15.00000	-8.50000	-2.8933	-8.9310	-792.03E-6	-1.9040	21.937E-6
	53.00000	15.00000	-8.50000	-2.5536	-8.9310	-625.16E-6	-1.6814	19.375E-6
	54.00000	15.00000	-8.50000	-2.2495	-8.9310	-499.78E-6	-1.4934	17.211E-6
	55.00000	15.00000	-8.50000	-1.9765	-8.9310	-404.08E-6	-1.3334	15.368E-6
	56.00000	15.00000	-8.50000	-1.7311	-8.9310	-330.03E-6	-1.1962	13.787E-6
	57.00000	15.00000	-8.50000	-1.5100	-8.9310	-272.01E-6	-1.0777	12.423E-6
	58.00000	15.00000	-8.50000	-1.3105	-8.9310	-226.05E-6	-0.97482	11.237E-6
	59.00000	15.00000	-8.50000	-1.1304	-8.9310	-189.28E-6	-0.88499	10.203E-6
	60.00000	15.00000	-8.50000	-0.96740	-8.9310	-159.58E-6	-0.80617	9.2943E-6
	-20.00000	16.00000	-8.50000	-1.0352	-8.9310	-181.78E-6	-0.84646	9.7582E-6
	-19.00000	16.00000	-8.50000	-1.2072	-8.9310	-217.77E-6	-0.93287	10.754E-6
	-18.00000	16.00000	-8.50000	-1.3978	-8.9310	-262.99E-6	-1.0320	11.896E-6
	-17.00000	16.00000	-8.50000	-1.6095	-8.9310	-320.40E-6	-1.1465	13.215E-6
	-16.00000	16.00000	-8.50000	-1.8449	-8.9310	-394.16E-6	-1.2796	14.747E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-15.00000	16.00000	-8.50000	-2.1071	-8.9310	-490.18E-6	-1.4352	16.539E-6
	-14.00000	16.00000	-8.50000	-2.4000	-8.9310	-617.04E-6	-1.6187	18.651E-6
	-13.00000	16.00000	-8.50000	-2.7278	-8.9310	-787.50E-6	-1.8369	21.163E-6
	-12.00000	16.00000	-8.50000	-3.0959	-8.9310	-0.0010210	-2.0991	24.180E-6
	-11.00000	16.00000	-8.50000	-3.5106	-8.9310	-0.0013481	-2.4177	27.843E-6
	-10.00000	16.00000	-8.50000	-3.9796	-8.9310	-0.0018188	-2.8098	32.351E-6
	-9.00000	16.00000	-8.50000	-4.5125	-8.9310	-0.0025180	-3.3000	37.981E-6
	-8.00000	16.00000	-8.50000	-5.1213	-8.9310	-0.0035985	-3.9245	45.147E-6
	-7.00000	16.00000	-8.50000	-5.8214	-8.9310	-0.0053536	-4.7384	54.476E-6
	-6.00000	16.00000	-8.50000	-6.6329	-8.9310	-0.0083966	-5.8314	66.979E-6
	-5.00000	16.00000	-8.50000	-7.5830	-8.9310	-0.014162	-7.3582	84.392E-6
	-4.00000	16.00000	-8.50000	-8.7101	-8.9310	-0.026578	-9.6138	109.98E-6
	-3.00000	16.00000	-8.50000	-10.072	-8.9310	-0.059213	-13.244	150.73E-6
	-2.00000	16.00000	-8.50000	-11.764	-8.9310	-0.18108	-20.024	224.72E-6
	-1.00000	16.00000	-8.50000	-13.971	-8.9310	-1.1552	-37.429	391.79E-6
	0.00000	16.00000	-8.50000	-17.589	-8.9310	-40.160	-131.48	126.92E-6
	1.00000	16.00000	-8.50000	-21.570	-8.9310	-79.999	-235.09	-56.578E-6
	2.00000	16.00000	-8.50000	-25.550	-8.9310	-119.84	-338.70	-240.08E-6
	3.00000	16.00000	-8.50000	-29.161	-8.9310	-158.84	-432.75	-504.97E-6
	4.00000	16.00000	-8.50000	-31.357	-8.9310	-159.82	-450.16	-337.92E-6
	5.00000	16.00000	-8.50000	-33.032	-8.9310	-159.94	-456.93	-263.97E-6
	6.00000	16.00000	-8.50000	-34.373	-8.9310	-159.97	-460.56	-223.28E-6
	7.00000	16.00000	-8.50000	-35.473	-8.9310	-159.98	-462.81	-197.77E-6
	8.00000	16.00000	-8.50000	-36.390	-8.9310	-159.99	-464.33	-180.46E-6
	9.00000	16.00000	-8.50000	-37.162	-8.9310	-159.99	-465.41	-168.08E-6
	10.00000	16.00000	-8.50000	-37.815	-8.9310	-159.99	-466.21	-158.91E-6
	11.00000	16.00000	-8.50000	-38.370	-8.9310	-160.00	-466.81	-151.95E-6
	12.00000	16.00000	-8.50000	-38.840	-8.9310	-160.00	-467.28	-146.55E-6
	13.00000	16.00000	-8.50000	-39.236	-8.9310	-160.00	-467.65	-142.34E-6
	14.00000	16.00000	-8.50000	-39.567	-8.9310	-160.00	-467.94	-139.02E-6
	15.00000	16.00000	-8.50000	-39.840	-8.9310	-160.00	-468.17	-136.41E-6
	16.00000	16.00000	-8.50000	-40.060	-8.9310	-160.00	-468.34	-134.39E-6
	17.00000	16.00000	-8.50000	-40.229	-8.9310	-160.00	-468.48	-132.86E-6
	18.00000	16.00000	-8.50000	-40.351	-8.9310	-160.00	-468.57	-131.77E-6
	19.00000	16.00000	-8.50000	-40.427	-8.9310	-160.00	-468.63	-131.08E-6
	20.00000	16.00000	-8.50000	-40.458	-8.9310	-160.00	-468.66	-130.78E-6
	21.00000	16.00000	-8.50000	-40.442	-8.9310	-160.00	-468.65	-130.87E-6
	22.00000	16.00000	-8.50000	-40.379	-8.9310	-160.00	-468.61	-131.37E-6
	23.00000	16.00000	-8.50000	-40.266	-8.9310	-160.00	-468.52	-132.33E-6
	24.00000	16.00000	-8.50000	-40.101	-8.9310	-160.00	-468.39	-133.80E-6
	25.00000	16.00000	-8.50000	-39.880	-8.9310	-160.00	-468.21	-135.89E-6
	26.00000	16.00000	-8.50000	-39.596	-8.9310	-160.00	-467.97	-138.71E-6
	27.00000	16.00000	-8.50000	-39.244	-8.9310	-160.00	-467.64	-142.45E-6
	28.00000	16.00000	-8.50000	-38.814	-8.9310	-160.00	-467.21	-147.36E-6
	29.00000	16.00000	-8.50000	-38.296	-8.9310	-160.00	-466.65	-153.81E-6
	30.00000	16.00000	-8.50000	-37.675	-8.9310	-159.99	-465.91	-162.36E-6
	31.00000	16.00000	-8.50000	-36.934	-8.9310	-159.99	-464.90	-173.88E-6
	32.00000	16.00000	-8.50000	-36.047	-8.9310	-159.99	-463.50	-189.83E-6
	33.00000	16.00000	-8.50000	-34.980	-8.9310	-159.98	-461.49	-212.80E-6
	34.00000	16.00000	-8.50000	-33.682	-8.9310	-159.96	-458.39	-247.85E-6
	35.00000	16.00000	-8.50000	-32.074	-8.9310	-159.90	-453.15	-306.35E-6
	36.00000	16.00000	-8.50000	-30.016	-8.9310	-159.68	-442.68	-419.38E-6
	37.00000	16.00000	-8.50000	-27.221	-8.9310	-157.79	-413.09	-695.23E-6
	38.00000	16.00000	-8.50000	-22.035	-8.9310	-79.999	-235.43	-52.750E-6
	39.00000	16.00000	-8.50000	-16.845	-8.9310	-2.2131	-57.758	589.70E-6
	40.00000	16.00000	-8.50000	-14.035	-8.9310	-0.32119	-28.163	313.77E-6
	41.00000	16.00000	-8.50000	-11.952	-8.9310	-0.097694	-17.683	200.60E-6
	42.00000	16.00000	-8.50000	-10.308	-8.9310	-0.041383	-12.425	141.90E-6
	43.00000	16.00000	-8.50000	-8.9641	-8.9310	-0.021090	-9.3038	106.60E-6
	44.00000	16.00000	-8.50000	-7.8404	-8.9310	-0.012083	-7.2580	83.308E-6
	45.00000	16.00000	-8.50000	-6.8859	-8.9310	-0.0075027	-5.8278	66.968E-6
	46.00000	16.00000	-8.50000	-6.0657	-8.9310	-0.0049394	-4.7814	54.986E-6
	47.00000	16.00000	-8.50000	-5.3543	-8.9310	-0.0033995	-3.9896	45.906E-6
	48.00000	16.00000	-8.50000	-4.7329	-8.9310	-0.0024228	-3.3747	38.846E-6
	49.00000	16.00000	-8.50000	-4.1868	-8.9310	-0.0017760	-2.8871	33.243E-6
	50.00000	16.00000	-8.50000	-3.7045	-8.9310	-0.0013324	-2.4938	28.722E-6
	51.00000	16.00000	-8.50000	-3.2768	-8.9310	-0.0010194	-2.1721	25.022E-6
	52.00000	16.00000	-8.50000	-2.8960	-8.9310	-793.05E-6	-1.9057	21.957E-6
	53.00000	16.00000	-8.50000	-2.5560	-8.9310	-625.98E-6	-1.6829	19.391E-6
	54.00000	16.00000	-8.50000	-2.2516	-8.9310	-500.44E-6	-1.4947	17.225E-6
	55.00000	16.00000	-8.50000	-1.9784	-8.9310	-404.61E-6	-1.3344	15.380E-6
	56.00000	16.00000	-8.50000	-1.7328	-8.9310	-330.46E-6	-1.1971	13.798E-6
	57.00000	16.00000	-8.50000	-1.5115	-8.9310	-272.36E-6	-1.0785	12.431E-6
	58.00000	16.00000	-8.50000	-1.3119	-8.9310	-226.33E-6	-0.97548	11.245E-6
	59.00000	16.00000	-8.50000	-1.1315	-8.9310	-189.51E-6	-0.88556	10.209E-6
	60.00000	16.00000	-8.50000	-0.96846	-8.9310	-159.77E-6	-0.80666	9.2999E-6
	-20.00000	17.00000	-8.50000	-1.0327	-8.9310	-182.42E-6	-0.84606	9.7536E-6
	-19.00000	17.00000	-8.50000	-1.2045	-8.9310	-218.75E-6	-0.93263	10.751E-6
	-18.00000	17.00000	-8.50000	-1.3951	-8.9310	-264.49E-6	-1.0321	11.897E-6
	-17.00000	17.00000	-8.50000	-1.6067	-8.9310	-322.69E-6	-1.1470	13.220E-6
	-16.00000	17.00000	-8.50000	-1.8421	-8.9310	-397.68E-6	-1.2806	14.759E-6
	-15.00000	17.00000	-8.50000	-2.1045	-8.9310	-495.62E-6	-1.4371	16.561E-6
	-14.00000	17.00000	-8.50000	-2.3977	-8.9310	-625.54E-6	-1.6221	18.690E-6
	-13.00000	17.00000	-8.50000	-2.7262	-8.9310	-800.93E-6	-1.8425	21.226E-6
	-12.00000	17.00000	-8.50000	-3.0954	-8.9310	-0.0010426	-2.1079	24.280E-6
	-11.00000	17.00000	-8.50000	-3.5118	-8.9310	-0.0013836	-2.4314	28.001E-6
	-10.00000	17.00000	-8.50000	-3.9834	-8.9310	-0.0018784	-2.8313	32.597E-6
	-9.00000	17.00000	-8.50000	-4.5202	-8.9310	-0.0026217	-3.3339	38.368E-6
	-8.00000	17.00000	-8.50000	-5.1348	-8.9310	-0.0037865	-3.9783	45.762E-6
	-7.00000	17.00000	-8.50000	-5.8438	-8.9310	-0.0057132	-4.8259	55.473E-6
	-6.00000	17.00000	-8.50000	-6.6688	-8.9310	-0.0091367	-5.9781	68.645E-6
	-5.00000	17.00000	-8.50000	-7.6401	-8.9310	-0.015848	-7.6160	87.308E-6
	-4.00000	17.00000	-8.50000	-8.8016	-8.9310	-0.031029	-10.101	115.45E-6
	-3.00000	17.00000	-8.50000	-10.223	-8.9310	-0.074000	-14.277	162.13E-6
	-2.00000	17.00000	-8.50000	-12.027	-8.9310	-0.25399	-22.700	253.08E-6
	-1.00000	17.00000	-8.50000	-14.485	-8.9310	-1.9567	-47.835	484.09E-6
	0.00000	17.00000	-8.50000	-19.281	-8.9310	-78.974	-216.53	-235.29E-6
	1.00000	17.00000	-8.50000	-24.260	-8.9310	-156.15	-388.30	-924.53E-6
	2.00000	17.00000	-8.50000	-27.228	-8.9310	-158.65	-423.73	-602.48E-6
	3.00000	17.00000	-8.50000	-29.647	-8.9310	-159.64	-443.12	-413.08E-6
	4.00000	17.00000	-8.50000	-31.577	-8.9310	-159.89	-452.78	-310.17E-6
	5.00000	17.00000	-8.50000	-33.129	-8.9310	-159.95	-457.90	-253.35E-6
	6.00000	17.00000	-8.50000	-34.398	-8.9310	-159.98	-460.96	-218.75E-6
	7.00000	17.00000	-8.50000	-35.454	-8.9310	-159.99	-462.97	-195.92E-6
	8.00000	17.00000	-8.50000	-36.340	-8.9310	-159.99	-464.37	-179.98E-6
	9.00000	17.00000	-8.50000	-37.090	-8.9310	-159.99	-465.38	-168.37E-6
	10.00000	17.00000	-8.50000	-37.728	-8.9310	-159.99	-466.14	-159.67E-6
	11.00000	17.00000	-8.50000	-38.271	-8.9310	-160.00	-466.72	-152.99E-6
	12.00000	17.00000	-8.50000	-38.733	-8.9310	-160.00	-467.18	-147.78E-6
	13.00000	17.00000	-8.50000	-39.124	-8.9310	-160.00	-467.54	-143.67E-6
	14.00000	17.00000	-8.50000	-39.452	-8.9310	-160.00	-467.82	-140.42E-6
	15.00000	17.00000	-8.50000	-39.723	-8.9310	-160.00	-468.04	-137.85E-6
	16.00000	17.00000	-8.50000	-39.942	-8.9310	-160.00	-468.22	-135.83E-6
	17.00000	17.00000	-8.50000	-40.113	-8.9310	-160.00	-468.35	-134.28E-6
	18.00000	17.00000	-8.50000	-40.237	-8.9310	-160.00	-468.45	-133.15E-6
	19.00000	17.00000

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	45.00000	17.00000	-8.50000	-6.8717	-8.9310	-0.0074970	-5.8191	66.868E-6
	46.00000	17.00000	-8.50000	-6.0530	-8.9310	-0.0049347	-4.7739	54.900E-6
	47.00000	17.00000	-8.50000	-5.3430	-8.9310	-0.0033958	-3.9831	45.831E-6
	48.00000	17.00000	-8.50000	-4.7228	-8.9310	-0.0024197	-3.3690	38.781E-6
	49.00000	17.00000	-8.50000	-4.1778	-8.9310	-0.0017735	-2.8822	33.187E-6
	50.00000	17.00000	-8.50000	-3.6965	-8.9310	-0.0013304	-2.4896	28.673E-6
	51.00000	17.00000	-8.50000	-3.2696	-8.9310	-0.0010177	-2.1684	24.979E-6
	52.00000	17.00000	-8.50000	-2.8896	-8.9310	-791.71E-6	-1.9026	21.920E-6
	53.00000	17.00000	-8.50000	-2.5503	-8.9310	-624.89E-6	-1.6801	19.360E-6
	54.00000	17.00000	-8.50000	-2.2465	-8.9310	-499.55E-6	-1.4923	17.197E-6
	55.00000	17.00000	-8.50000	-1.9739	-8.9310	-403.89E-6	-1.3324	15.356E-6
	56.00000	17.00000	-8.50000	-1.7288	-8.9310	-329.86E-6	-1.1952	13.777E-6
	57.00000	17.00000	-8.50000	-1.5079	-8.9310	-271.87E-6	-1.0769	12.413E-6
	58.00000	17.00000	-8.50000	-1.3087	-8.9310	-225.93E-6	-0.97407	11.229E-6
	59.00000	17.00000	-8.50000	-1.1287	-8.9310	-189.17E-6	-0.88432	10.195E-6
	60.00000	17.00000	-8.50000	-0.96594	-8.9310	-159.49E-6	-0.80557	9.2873E-6
	-20.00000	18.00000	-8.50000	-1.0261	-8.9310	-182.38E-6	-0.84374	9.7269E-6
	-19.00000	18.00000	-8.50000	-1.1973	-8.9310	-218.89E-6	-0.93016	10.723E-6
	-18.00000	18.00000	-8.50000	-1.3871	-8.9310	-264.92E-6	-1.0295	11.867E-6
	-17.00000	18.00000	-8.50000	-1.5980	-8.9310	-323.63E-6	-1.1443	13.190E-6
	-16.00000	18.00000	-8.50000	-1.8327	-8.9310	-399.46E-6	-1.2780	14.729E-6
	-15.00000	18.00000	-8.50000	-2.0943	-8.9310	-498.81E-6	-1.4349	16.535E-6
	-14.00000	18.00000	-8.50000	-2.3869	-8.9310	-631.09E-6	-1.6204	18.671E-6
	-13.00000	18.00000	-8.50000	-2.7148	-8.9310	-810.45E-6	-1.8420	21.220E-6
	-12.00000	18.00000	-8.50000	-3.0836	-8.9310	-0.0010589	-2.1094	24.297E-6
	-11.00000	18.00000	-8.50000	-3.5000	-8.9310	-0.0014117	-2.4364	28.057E-6
	-10.00000	18.00000	-8.50000	-3.9723	-8.9310	-0.0019276	-2.8421	32.719E-6
	-9.00000	18.00000	-8.50000	-4.5107	-8.9310	-0.0027096	-3.3543	38.601E-6
	-8.00000	18.00000	-8.50000	-5.1286	-8.9310	-0.0039487	-4.0151	46.181E-6
	-7.00000	18.00000	-8.50000	-5.8431	-8.9310	-0.0060261	-4.8910	56.213E-6
	-6.00000	18.00000	-8.50000	-6.6777	-8.9310	-0.0097769	-6.0933	69.953E-6
	-5.00000	18.00000	-8.50000	-7.6649	-8.9310	-0.017270	-7.8248	89.668E-6
	-4.00000	18.00000	-8.50000	-8.8529	-8.9310	-0.034575	-10.496	119.88E-6
	-3.00000	18.00000	-8.50000	-10.319	-8.9310	-0.084435	-15.080	171.04E-6
	-2.00000	18.00000	-8.50000	-12.202	-8.9310	-0.29284	-24.523	272.75E-6
	-1.00000	18.00000	-8.50000	-14.799	-8.9310	-2.1496	-52.561	531.94E-6
	0.00000	18.00000	-8.50000	-19.800	-8.9310	-79.876	-228.38	-129.73E-6
	1.00000	18.00000	-8.50000	-24.890	-8.9310	-157.63	-405.11	-781.83E-6
	2.00000	18.00000	-8.50000	-27.724	-8.9310	-159.55	-435.56	-497.26E-6
	3.00000	18.00000	-8.50000	-29.915	-8.9310	-159.84	-447.79	-365.90E-6
	4.00000	18.00000	-8.50000	-31.685	-8.9310	-159.93	-454.52	-291.47E-6
	5.00000	18.00000	-8.50000	-33.138	-8.9310	-159.96	-458.59	-245.71E-6
	6.00000	18.00000	-8.50000	-34.344	-8.9310	-159.98	-461.23	-215.84E-6
	7.00000	18.00000	-8.50000	-35.356	-8.9310	-159.99	-463.03	-195.32E-6
	8.00000	18.00000	-8.50000	-36.211	-8.9310	-159.99	-464.31	-180.62E-6
	9.00000	18.00000	-8.50000	-36.939	-8.9310	-159.99	-465.26	-169.74E-6
	10.00000	18.00000	-8.50000	-37.560	-8.9310	-159.99	-465.98	-161.49E-6
	11.00000	18.00000	-8.50000	-38.091	-8.9310	-160.00	-466.54	-155.10E-6
	12.00000	18.00000	-8.50000	-38.543	-8.9310	-160.00	-466.98	-150.07E-6
	13.00000	18.00000	-8.50000	-38.928	-8.9310	-160.00	-467.33	-146.09E-6
	14.00000	18.00000	-8.50000	-39.252	-8.9310	-160.00	-467.60	-142.90E-6
	15.00000	18.00000	-8.50000	-39.521	-8.9310	-160.00	-467.82	-140.35E-6
	16.00000	18.00000	-8.50000	-39.740	-8.9310	-160.00	-468.00	-138.33E-6
	17.00000	18.00000	-8.50000	-39.912	-8.9310	-160.00	-468.14	-136.75E-6
	18.00000	18.00000	-8.50000	-40.039	-8.9310	-160.00	-468.24	-135.57E-6
	19.00000	18.00000	-8.50000	-40.122	-8.9310	-160.00	-468.31	-134.75E-6
	20.00000	18.00000	-8.50000	-40.161	-8.9310	-160.00	-468.35	-134.29E-6
	21.00000	18.00000	-8.50000	-40.156	-8.9310	-160.00	-468.36	-134.20E-6
	22.00000	18.00000	-8.50000	-40.105	-8.9310	-160.00	-468.33	-134.51E-6
	23.00000	18.00000	-8.50000	-40.005	-8.9310	-160.00	-468.27	-135.26E-6
	24.00000	18.00000	-8.50000	-39.853	-8.9310	-160.00	-468.16	-136.54E-6
	25.00000	18.00000	-8.50000	-39.644	-8.9310	-160.00	-467.99	-138.43E-6
	26.00000	18.00000	-8.50000	-39.373	-8.9310	-160.00	-467.76	-141.06E-6
	27.00000	18.00000	-8.50000	-39.033	-8.9310	-160.00	-467.45	-144.62E-6
	28.00000	18.00000	-8.50000	-38.616	-8.9310	-160.00	-467.04	-149.37E-6
	29.00000	18.00000	-8.50000	-38.109	-8.9310	-159.99	-466.49	-155.67E-6
	30.00000	18.00000	-8.50000	-37.500	-8.9310	-159.99	-465.76	-164.08E-6
	31.00000	18.00000	-8.50000	-36.770	-8.9310	-159.99	-464.76	-175.48E-6
	32.00000	18.00000	-8.50000	-35.893	-8.9310	-159.99	-463.37	-191.31E-6
	33.00000	18.00000	-8.50000	-34.836	-8.9310	-159.98	-461.37	-214.17E-6
	34.00000	18.00000	-8.50000	-33.548	-8.9310	-159.96	-458.28	-249.31E-6
	35.00000	18.00000	-8.50000	-31.949	-8.9310	-159.90	-453.05	-307.51E-6
	36.00000	18.00000	-8.50000	-29.901	-8.9310	-159.68	-442.59	-420.44E-6
	37.00000	18.00000	-8.50000	-27.114	-8.9310	-157.79	-413.01	-696.19E-6
	38.00000	18.00000	-8.50000	-21.937	-8.9310	-79.999	-235.35	-53.618E-6
	39.00000	18.00000	-8.50000	-16.755	-8.9310	-2.2130	-57.691	588.92E-6
	40.00000	18.00000	-8.50000	-13.953	-8.9310	-0.32114	-28.103	313.07E-6
	41.00000	18.00000	-8.50000	-11.878	-8.9310	-0.097649	-17.629	199.99E-6
	42.00000	18.00000	-8.50000	-10.241	-8.9310	-0.041345	-12.378	141.36E-6
	43.00000	18.00000	-8.50000	-8.9038	-8.9310	-0.021058	-9.2626	106.12E-6
	44.00000	18.00000	-8.50000	-7.7862	-8.9310	-0.012056	-7.2221	82.895E-6
	45.00000	18.00000	-8.50000	-6.8374	-8.9310	-0.0074809	-5.7966	66.609E-6
	46.00000	18.00000	-8.50000	-6.0222	-8.9310	-0.0049216	-4.7544	54.675E-6
	47.00000	18.00000	-8.50000	-5.3155	-8.9310	-0.0033851	-3.9663	45.637E-6
	48.00000	18.00000	-8.50000	-4.6983	-8.9310	-0.0024110	-3.3545	38.614E-6
	49.00000	18.00000	-8.50000	-4.1560	-8.9310	-0.0017665	-2.8697	33.043E-6
	50.00000	18.00000	-8.50000	-3.6771	-8.9310	-0.0013247	-2.4788	28.549E-6
	51.00000	18.00000	-8.50000	-3.2523	-8.9310	-0.0010132	-2.1591	24.872E-6
	52.00000	18.00000	-8.50000	-2.8742	-8.9310	-788.01E-6	-1.8945	21.828E-6
	53.00000	18.00000	-8.50000	-2.5366	-8.9310	-621.90E-6	-1.6732	19.280E-6
	54.00000	18.00000	-8.50000	-2.2344	-8.9310	-497.12E-6	-1.4863	17.128E-6
	55.00000	18.00000	-8.50000	-1.9631	-8.9310	-401.91E-6	-1.3271	15.296E-6
	56.00000	18.00000	-8.50000	-1.7191	-8.9310	-328.25E-6	-1.1907	13.724E-6
	57.00000	18.00000	-8.50000	-1.4993	-8.9310	-270.55E-6	-1.0729	12.367E-6
	58.00000	18.00000	-8.50000	-1.3011	-8.9310	-224.84E-6	-0.97061	11.189E-6
	59.00000	18.00000	-8.50000	-1.1219	-8.9310	-188.28E-6	-0.88129	10.160E-6
	60.00000	18.00000	-8.50000	-0.95988	-8.9310	-158.75E-6	-0.80290	9.2566E-6
	-20.00000	19.00000	-8.50000	-1.0155	-8.9310	-181.63E-6	-0.83949	9.6778E-6
	-19.00000	19.00000	-8.50000	-1.1854	-8.9310	-218.12E-6	-0.92544	10.668E-6
	-18.00000	19.00000	-8.50000	-1.3739	-8.9310	-264.21E-6	-1.0243	11.807E-6
	-17.00000	19.00000	-8.50000	-1.5834	-8.9310	-323.10E-6	-1.1386	13.124E-6
	-16.00000	19.00000	-8.50000	-1.8164	-8.9310	-399.33E-6	-1.2718	14.658E-6
	-15.00000	19.00000	-8.50000	-2.0764	-8.9310	-499.47E-6	-1.4282	16.459E-6
	-14.00000	19.00000	-8.50000	-2.3672	-8.9310	-633.24E-6	-1.6135	18.591E-6
	-13.00000	19.00000	-8.50000	-2.6933	-8.9310	-815.32E-6	-1.8351	21.141E-6
	-12.00000	19.00000	-8.50000	-3.0602	-8.9310	-0.0010687	-2.1032	24.225E-6
	-11.00000	19.00000	-8.50000	-3.4749	-8.9310	-0.0014304	-2.4318	28.003E-6
	-10.00000	19.00000	-8.50000	-3.9457	-8.9310	-0.0019627	-2.8407	32.702E-6
	-9.00000	19.00000	-8.50000	-4.4832	-8.9310	-0.0027752	-3.3592	38.655E-6
	-8.00000	19.00000	-8.50000	-5.1011	-8.9310	-0.0040731	-4.0314	46.364E-6
	-7.00000	19.00000	-8.50000	-5.8174	-8.9310	-0.0062675	-4.9276	56.627E-6
	-6.00000	19.00000	-8.50000	-6.6564	-8.9310	-0.010264	-6.1668	70.784E-6
	-5.00000	19.00000	-8.50000	-7.6524	-8.9310	-0.018305	-7.9658	91.259E-6
	-4.00000	19.00000	-8.50000	-8.8562	-8.9310	-0.036932	-10.764	122.89E-6
	-3.00000	19.00000	-8.50000	-10.349	-8.9310	-0.090272	-15.595	176.78E-6
	-2.00000	19.00000	-8.50000	-12.274	-8.9310	-0.30851	-25.525	283.77E-6
	-1.00000	19.00000	-8.50000	-14.931	-8.9310	-2.1920	-54.468	552.47E-6
	0.00000	19.00000	-8.50000	-19.993	-8.9310	-79.969	-231.53	-96.666E-6
	1.00000	19.00000	-8.50000	-25.102	-8.9310	-157.75	-408.89	-742.39E-6
	2.00000	19.00000	-8.50000	-27.884	-8.9310	-159.65	-438.65	-464.71E-6
	3.00000	19.00000	-8.50000	-29.983	-8.9310	-159.88	-449.61	-346.38E-6
	4.00000	19.00000	-8.50000	-31.662	-8.9310	-159.94	-455.39	-281.93E-6
	5.00000	19.00000	-8.50000	-33.044	-8.9310	-159.97	-458.94	-241.87E-6
	6.00000	19.00000	-8.50000	-34.197	-8.9310	-159.98	-461.30	-215.11E-6
	7.00000	19.00000	-8.50000	-35.169	-8.9310	-159.99	-462.94	-196.34E-6
	8.00000	19.00000	-8.50000	-35.995	-8.9310	-159.99	-464.14	-182.68E-6
	9.00000	19.00000	-8.50000	-36.699	-8.9310	-159.99	-465.03	-172.46E-6
	10.00000	19.00000	-8.50000	-37.303	-8.9310	-159.99	-465.71	-164.63E-6
	11.00000	19.00000	-8.50000	-37.820	-8.9310	-159.99	-466.24	-158.51E-6
	12.00000	19.00000	-8.50000	-38.263	-8.9310	-160.00	-466.66	-153.67E-6
	13.00000	19.00000	-8.50000	-38.641	-8.9310	-160.00	-467.00	-149.80E-6
	14.00000	19.00000	-8.50000	-38.961	-8.9310	-160.00	-467.27	-146.67E-6
	15.00000	19.00000	-8.50000	-39.228	-8.9310	-160.00	-467.49	-144.14E-6
	16.00000	19.00000	-8.50000	-39.447	-8.9310	-160.00	-467.67	-142.10E-6
	17.00000	19.00000	-8.50000	-39.621	-8.9310	-160.00	-467.81	-140.47E-6
	18.00000	19.00000	-8.50000	-39.752	-8.9310	-160.00	-467.92	-139.20E-6
	19.00000	19.00000	-8.50000	-39.840	-8.9310	-160.00	-468.00	-138.27E-6
	20.00000	19.00000	-8.50000	-39.886	-8.9310	-160.00	-468.06	-137.68E-6
	21.00000	19.00000	-8.50000	-39.889	-8.9310	-160.00	-468.08	-137.44E-6
	22.00000	19.00000	-8.50000	-39.846	-8.9310	-160.00	-468.06	-137.58E-6
	23.00000	19.00000	-8.50000	-39.755	-8.9310	-160.00	-468.01	-138.16E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	24.00000	19.00000	-8.50000	-39.613	-8.9310	-160.00	-467.92	-139.27E-6
	25.00000	19.00000	-8.50000	-39.414	-8.9310	-160.00	-467.77	-140.99E-6
	26.00000	19.00000	-8.50000	-39.153	-8.9310	-160.00	-467.55	-143.47E-6
	27.00000	19.00000	-8.50000	-38.823	-8.9310	-160.00	-467.26	-146.88E-6
	28.00000	19.00000	-8.50000	-38.415	-8.9310	-160.00	-466.85	-151.50E-6
	29.00000	19.00000	-8.50000	-37.918	-8.9310	-159.99	-466.32	-157.67E-6
	30.00000	19.00000	-8.50000	-37.318	-8.9310	-159.99	-465.59	-165.97E-6
	31.00000	19.00000	-8.50000	-36.597	-8.9310	-159.99	-464.61	-177.25E-6
	32.00000	19.00000	-8.50000	-35.729	-8.9310	-159.99	-463.23	-192.98E-6
	33.00000	19.00000	-8.50000	-34.681	-8.9310	-159.98	-461.23	-215.73E-6
	34.00000	19.00000	-8.50000	-33.402	-8.9310	-159.96	-458.15	-250.57E-6
	35.00000	19.00000	-8.50000	-31.812	-8.9310	-159.90	-452.93	-308.86E-6
	36.00000	19.00000	-8.50000	-29.773	-8.9310	-159.68	-442.48	-421.68E-6
	37.00000	19.00000	-8.50000	-26.996	-8.9310	-157.79	-412.91	-697.32E-6
	38.00000	19.00000	-8.50000	-21.829	-8.9310	-79.999	-235.26	-54.647E-6
	39.00000	19.00000	-8.50000	-16.655	-8.9310	-2.2129	-57.610	587.99E-6
	40.00000	19.00000	-8.50000	-13.862	-8.9310	-0.32107	-28.031	312.25E-6
	41.00000	19.00000	-8.50000	-11.795	-8.9310	-0.097591	-17.566	199.26E-6
	42.00000	19.00000	-8.50000	-10.166	-8.9310	-0.041296	-12.323	140.72E-6
	43.00000	19.00000	-8.50000	-8.8360	-8.9310	-0.021017	-9.2139	105.56E-6
	44.00000	19.00000	-8.50000	-7.7253	-8.9310	-0.012023	-7.1797	82.407E-6
	45.00000	19.00000	-8.50000	-6.7827	-8.9310	-0.0074534	-5.7599	66.187E-6
	46.00000	19.00000	-8.50000	-5.9734	-8.9310	-0.0048993	-4.7227	54.311E-6
	47.00000	19.00000	-8.50000	-5.2719	-8.9310	-0.0033670	-3.9390	45.323E-6
	48.00000	19.00000	-8.50000	-4.6595	-8.9310	-0.0023965	-3.3310	38.343E-6
	49.00000	19.00000	-8.50000	-4.1214	-8.9310	-0.0017547	-2.8495	32.810E-6
	50.00000	19.00000	-8.50000	-3.6463	-8.9310	-0.0013153	-2.4614	28.349E-6
	51.00000	19.00000	-8.50000	-3.2249	-8.9310	-0.0010056	-2.1442	24.700E-6
	52.00000	19.00000	-8.50000	-2.8499	-8.9310	-781.90E-6	-1.8817	21.679E-6
	53.00000	19.00000	-8.50000	-2.5150	-8.9310	-616.97E-6	-1.6620	19.152E-6
	54.00000	19.00000	-8.50000	-2.2151	-8.9310	-493.13E-6	-1.4766	17.017E-6
	55.00000	19.00000	-8.50000	-1.9460	-8.9310	-398.67E-6	-1.3188	15.200E-6
	56.00000	19.00000	-8.50000	-1.7039	-8.9310	-325.61E-6	-1.1834	13.641E-6
	57.00000	19.00000	-8.50000	-1.4858	-8.9310	-268.39E-6	-1.0666	12.295E-6
	58.00000	19.00000	-8.50000	-1.2890	-8.9310	-223.08E-6	-0.96511	11.126E-6
	59.00000	19.00000	-8.50000	-1.1111	-8.9310	-186.82E-6	-0.87647	10.104E-6
	60.00000	19.00000	-8.50000	-0.95030	-8.9310	-157.55E-6	-0.79867	9.2079E-6
	-20.00000	20.00000	-8.50000	-1.0008	-8.9310	-180.15E-6	-0.83329	9.6065E-6
	-19.00000	20.00000	-8.50000	-1.1690	-8.9310	-216.43E-6	-0.91846	10.588E-6
	-18.00000	20.00000	-8.50000	-1.3556	-8.9310	-262.30E-6	-1.0164	11.716E-6
	-17.00000	20.00000	-8.50000	-1.5628	-8.9310	-321.00E-6	-1.1297	13.021E-6
	-16.00000	20.00000	-8.50000	-1.7935	-8.9310	-397.13E-6	-1.2619	14.543E-6
	-15.00000	20.00000	-8.50000	-2.0509	-8.9310	-497.36E-6	-1.4171	16.330E-6
	-14.00000	20.00000	-8.50000	-2.3387	-8.9310	-631.59E-6	-1.6011	18.448E-6
	-13.00000	20.00000	-8.50000	-2.6615	-8.9310	-814.91E-6	-1.8215	20.985E-6
	-12.00000	20.00000	-8.50000	-3.0251	-8.9310	-0.0010709	-2.0886	24.057E-6
	-11.00000	20.00000	-8.50000	-3.4361	-8.9310	-0.0014380	-2.4166	27.828E-6
	-10.00000	20.00000	-8.50000	-3.9031	-8.9310	-0.0019808	-2.8260	32.532E-6
	-9.00000	20.00000	-8.50000	-4.4369	-8.9310	-0.0028138	-3.3466	38.508E-6
	-8.00000	20.00000	-8.50000	-5.0514	-8.9310	-0.0041514	-4.0242	46.278E-6
	-7.00000	20.00000	-8.50000	-5.7650	-8.9310	-0.0064245	-4.9316	56.668E-6
	-6.00000	20.00000	-8.50000	-6.6026	-8.9310	-0.010580	-6.1924	71.068E-6
	-5.00000	20.00000	-8.50000	-7.5995	-8.9310	-0.018952	-8.0312	91.991E-6
	-4.00000	20.00000	-8.50000	-8.8078	-8.9310	-0.038285	-10.901	124.43E-6
	-3.00000	20.00000	-8.50000	-10.310	-8.9310	-0.093150	-15.858	179.71E-6
	-2.00000	20.00000	-8.50000	-12.249	-8.9310	-0.31458	-25.995	288.99E-6
	-1.00000	20.00000	-8.50000	-14.924	-8.9310	-2.2039	-55.233	560.89E-6
	0.00000	20.00000	-8.50000	-19.998	-8.9310	-79.988	-232.59	-85.025E-6
	1.00000	20.00000	-8.50000	-25.097	-8.9310	-157.77	-410.08	-729.53E-6
	2.00000	20.00000	-8.50000	-27.844	-8.9310	-159.67	-439.66	-453.82E-6
	3.00000	20.00000	-8.50000	-29.888	-8.9310	-159.89	-450.25	-339.43E-6
	4.00000	20.00000	-8.50000	-31.510	-8.9310	-159.95	-455.68	-278.86E-6
	5.00000	20.00000	-8.50000	-32.838	-8.9310	-159.97	-458.96	-241.70E-6
	6.00000	20.00000	-8.50000	-33.947	-8.9310	-159.98	-461.15	-216.87E-6
	7.00000	20.00000	-8.50000	-34.883	-8.9310	-159.99	-462.68	-199.37E-6
	8.00000	20.00000	-8.50000	-35.680	-8.9310	-159.99	-463.80	-186.55E-6
	9.00000	20.00000	-8.50000	-36.361	-8.9310	-159.99	-464.64	-176.89E-6
	10.00000	20.00000	-8.50000	-36.947	-8.9310	-159.99	-465.29	-169.44E-6
	11.00000	20.00000	-8.50000	-37.450	-8.9310	-159.99	-465.80	-163.59E-6
	12.00000	20.00000	-8.50000	-37.883	-8.9310	-159.99	-466.21	-158.92E-6
	13.00000	20.00000	-8.50000	-38.253	-8.9310	-159.99	-466.54	-155.15E-6
	14.00000	20.00000	-8.50000	-38.569	-8.9310	-160.00	-466.80	-152.07E-6
	15.00000	20.00000	-8.50000	-38.834	-8.9310	-160.00	-467.02	-149.55E-6
	16.00000	20.00000	-8.50000	-39.054	-8.9310	-160.00	-467.20	-147.46E-6
	17.00000	20.00000	-8.50000	-39.231	-8.9310	-160.00	-467.35	-145.75E-6
	18.00000	20.00000	-8.50000	-39.366	-8.9310	-160.00	-467.47	-144.36E-6
	19.00000	20.00000	-8.50000	-39.462	-8.9310	-160.00	-467.57	-143.27E-6
	20.00000	20.00000	-8.50000	-39.516	-8.9310	-160.00	-467.64	-142.48E-6
	21.00000	20.00000	-8.50000	-39.529	-8.9310	-160.00	-467.68	-142.01E-6
	22.00000	20.00000	-8.50000	-39.498	-8.9310	-160.00	-467.69	-141.91E-6
	23.00000	20.00000	-8.50000	-39.420	-8.9310	-160.00	-467.66	-142.25E-6
	24.00000	20.00000	-8.50000	-39.290	-8.9310	-160.00	-467.58	-143.10E-6
	25.00000	20.00000	-8.50000	-39.104	-8.9310	-160.00	-467.45	-144.59E-6
	26.00000	20.00000	-8.50000	-38.855	-8.9310	-160.00	-467.26	-146.85E-6
	27.00000	20.00000	-8.50000	-38.538	-8.9310	-160.00	-466.98	-150.07E-6
	28.00000	20.00000	-8.50000	-38.142	-8.9310	-160.00	-466.59	-154.50E-6
	29.00000	20.00000	-8.50000	-37.657	-8.9310	-159.99	-466.07	-160.51E-6
	30.00000	20.00000	-8.50000	-37.069	-8.9310	-159.99	-465.36	-168.65E-6
	31.00000	20.00000	-8.50000	-36.359	-8.9310	-159.99	-464.39	-179.79E-6
	32.00000	20.00000	-8.50000	-35.504	-8.9310	-159.99	-463.02	-195.37E-6
	33.00000	20.00000	-8.50000	-34.468	-8.9310	-159.98	-461.04	-217.98E-6
	34.00000	20.00000	-8.50000	-33.201	-8.9310	-159.96	-457.97	-252.67E-6
	35.00000	20.00000	-8.50000	-31.624	-8.9310	-159.90	-452.76	-310.81E-6
	36.00000	20.00000	-8.50000	-29.597	-8.9310	-159.68	-442.32	-423.47E-6
	37.00000	20.00000	-8.50000	-26.833	-8.9310	-157.79	-412.76	-698.96E-6
	38.00000	20.00000	-8.50000	-21.678	-8.9310	-79.999	-235.13	-56.129E-6
	39.00000	20.00000	-8.50000	-16.517	-8.9310	-2.2128	-57.495	586.66E-6
	40.00000	20.00000	-8.50000	-13.735	-8.9310	-0.32096	-27.928	311.07E-6
	41.00000	20.00000	-8.50000	-11.680	-8.9310	-0.097501	-17.475	198.21E-6
	42.00000	20.00000	-8.50000	-10.062	-8.9310	-0.041222	-12.243	139.81E-6
	43.00000	20.00000	-8.50000	-8.7426	-8.9310	-0.020956	-9.1448	104.77E-6
	44.00000	20.00000	-8.50000	-7.6414	-8.9310	-0.011973	-7.1199	81.719E-6
	45.00000	20.00000	-8.50000	-6.7077	-8.9310	-0.0074129	-5.7083	65.594E-6
	46.00000	20.00000	-8.50000	-5.9064	-8.9310	-0.0048667	-4.6784	53.800E-6
	47.00000	20.00000	-8.50000	-5.2122	-8.9310	-0.0033409	-3.9009	44.885E-6
	48.00000	20.00000	-8.50000	-4.6063	-8.9310	-0.0023756	-3.2984	37.968E-6
	49.00000	20.00000	-8.50000	-4.0741	-8.9310	-0.0017380	-2.8215	32.488E-6
	50.00000	20.00000	-8.50000	-3.6042	-8.9310	-0.0013019	-2.4374	28.073E-6
	51.00000	20.00000	-8.50000	-3.1876	-8.9310	-994.87E-6	-2.1236	24.463E-6
	52.00000	20.00000	-8.50000	-2.8167	-8.9310	-773.31E-6	-1.8639	21.475E-6
	53.00000	20.00000	-8.50000	-2.4855	-8.9310	-610.05E-6	-1.6468	18.976E-6
	54.00000	20.00000	-8.50000	-2.1889	-8.9310	-487.55E-6	-1.4634	16.865E-6
	55.00000	20.00000	-8.50000	-1.9226	-8.9310	-394.16E-6	-1.3074	15.068E-6
	56.00000	20.00000	-8.50000	-1.6831	-8.9310	-321.95E-6	-1.1735	13.527E-6
	57.00000	20.00000	-8.50000	-1.4673	-8.9310	-265.41E

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	3.00000	21.00000	-8.50000	-29.654	-8.9310	-159.89	-450.28	-339.18E-6
	4.00000	21.00000	-8.50000	-31.229	-8.9310	-159.95	-455.54	-280.50E-6
	5.00000	21.00000	-8.50000	-32.513	-8.9310	-159.97	-458.68	-244.99E-6
	6.00000	21.00000	-8.50000	-33.582	-8.9310	-159.98	-460.75	-221.44E-6
	7.00000	21.00000	-8.50000	-34.484	-8.9310	-159.99	-462.20	-204.88E-6
	8.00000	21.00000	-8.50000	-35.253	-8.9310	-159.99	-463.26	-192.75E-6
	9.00000	21.00000	-8.50000	-35.912	-8.9310	-159.99	-464.06	-183.57E-6
	10.00000	21.00000	-8.50000	-36.479	-8.9310	-159.99	-464.68	-176.47E-6
	11.00000	21.00000	-8.50000	-36.968	-8.9310	-159.99	-465.17	-170.86E-6
	12.00000	21.00000	-8.50000	-37.390	-8.9310	-159.99	-465.56	-166.35E-6
	13.00000	21.00000	-8.50000	-37.753	-8.9310	-159.99	-465.88	-162.68E-6
	14.00000	21.00000	-8.50000	-38.064	-8.9310	-159.99	-466.14	-159.64E-6
	15.00000	21.00000	-8.50000	-38.327	-8.9310	-159.99	-466.36	-157.10E-6
	16.00000	21.00000	-8.50000	-38.548	-8.9310	-159.99	-466.55	-154.95E-6
	17.00000	21.00000	-8.50000	-38.729	-8.9310	-159.99	-466.71	-153.11E-6
	18.00000	21.00000	-8.50000	-38.872	-8.9310	-159.99	-466.85	-151.54E-6
	19.00000	21.00000	-8.50000	-38.976	-8.9310	-159.99	-466.96	-150.21E-6
	20.00000	21.00000	-8.50000	-39.043	-8.9310	-159.99	-467.06	-149.12E-6
	21.00000	21.00000	-8.50000	-39.069	-8.9310	-160.00	-467.13	-148.32E-6
	22.00000	21.00000	-8.50000	-39.053	-8.9310	-160.00	-467.17	-147.86E-6
	23.00000	21.00000	-8.50000	-38.990	-8.9310	-160.00	-467.17	-147.82E-6
	24.00000	21.00000	-8.50000	-38.877	-8.9310	-160.00	-467.13	-148.31E-6
	25.00000	21.00000	-8.50000	-38.707	-8.9310	-160.00	-467.03	-149.46E-6
	26.00000	21.00000	-8.50000	-38.475	-8.9310	-160.00	-466.86	-151.42E-6
	27.00000	21.00000	-8.50000	-38.172	-8.9310	-160.00	-466.60	-154.37E-6
	28.00000	21.00000	-8.50000	-37.792	-8.9310	-159.99	-466.24	-158.55E-6
	29.00000	21.00000	-8.50000	-37.321	-8.9310	-159.99	-465.74	-164.35E-6
	30.00000	21.00000	-8.50000	-36.748	-8.9310	-159.99	-465.04	-172.29E-6
	31.00000	21.00000	-8.50000	-36.053	-8.9310	-159.99	-464.09	-183.23E-6
	32.00000	21.00000	-8.50000	-35.213	-8.9310	-159.99	-462.74	-198.63E-6
	33.00000	21.00000	-8.50000	-34.192	-8.9310	-159.98	-460.77	-221.04E-6
	34.00000	21.00000	-8.50000	-32.941	-8.9310	-159.96	-457.72	-255.53E-6
	35.00000	21.00000	-8.50000	-31.379	-8.9310	-159.90	-452.53	-313.47E-6
	36.00000	21.00000	-8.50000	-29.369	-8.9310	-159.68	-442.11	-425.92E-6
	37.00000	21.00000	-8.50000	-26.621	-8.9310	-157.78	-412.57	-701.19E-6
	38.00000	21.00000	-8.50000	-21.483	-8.9310	-79.999	-234.96	-58.143E-6
	39.00000	21.00000	-8.50000	-16.338	-8.9310	-2.2126	-57.338	584.87E-6
	40.00000	21.00000	-8.50000	-13.572	-8.9310	-0.32081	-27.790	309.48E-6
	41.00000	21.00000	-8.50000	-11.532	-8.9310	-0.097371	-17.354	196.82E-6
	42.00000	21.00000	-8.50000	-9.9290	-8.9310	-0.041114	-12.138	138.59E-6
	43.00000	21.00000	-8.50000	-8.6229	-8.9310	-0.020868	-9.0534	103.72E-6
	44.00000	21.00000	-8.50000	-7.5343	-8.9310	-0.011903	-7.0413	80.815E-6
	45.00000	21.00000	-8.50000	-6.6121	-8.9310	-0.0073569	-5.6410	64.818E-6
	46.00000	21.00000	-8.50000	-5.8212	-8.9310	-0.0048221	-4.6208	53.137E-6
	47.00000	21.00000	-8.50000	-5.1364	-8.9310	-0.0033056	-3.8517	44.318E-6
	48.00000	21.00000	-8.50000	-4.5389	-8.9310	-0.0023476	-3.2564	37.484E-6
	49.00000	21.00000	-8.50000	-4.0142	-8.9310	-0.0017158	-2.7856	32.075E-6
	50.00000	21.00000	-8.50000	-3.5511	-8.9310	-0.0012843	-2.4067	27.719E-6
	51.00000	21.00000	-8.50000	-3.1404	-8.9310	-980.87E-6	-2.0973	24.160E-6
	52.00000	21.00000	-8.50000	-2.7748	-8.9310	-762.14E-6	-1.8414	21.215E-6
	53.00000	21.00000	-8.50000	-2.4483	-8.9310	-601.11E-6	-1.6274	18.752E-6
	54.00000	21.00000	-8.50000	-2.1558	-8.9310	-480.37E-6	-1.4467	16.672E-6
	55.00000	21.00000	-8.50000	-1.8932	-8.9310	-388.37E-6	-1.2929	14.901E-6
	56.00000	21.00000	-8.50000	-1.6570	-8.9310	-317.26E-6	-1.1610	13.382E-6
	57.00000	21.00000	-8.50000	-1.4441	-8.9310	-261.59E-6	-1.0471	12.070E-6
	58.00000	21.00000	-8.50000	-1.2519	-8.9310	-217.52E-6	-0.94810	10.930E-6
	59.00000	21.00000	-8.50000	-1.0781	-8.9310	-182.26E-6	-0.86161	9.9330E-6
	60.00000	21.00000	-8.50000	-0.92086	-8.9310	-153.79E-6	-0.78565	9.0577E-6
	-20.00000	22.00000	-8.50000	-0.95978	-8.9310	-174.97E-6	-0.81521	9.3980E-6
	-19.00000	22.00000	-8.50000	-1.1229	-8.9310	-210.18E-6	-0.89779	10.349E-6
	-18.00000	22.00000	-8.50000	-1.3037	-8.9310	-254.75E-6	-0.99273	11.443E-6
	-17.00000	22.00000	-8.50000	-1.5045	-8.9310	-311.88E-6	-1.1026	12.708E-6
	-16.00000	22.00000	-8.50000	-1.7279	-8.9310	-386.13E-6	-1.2306	14.183E-6
	-15.00000	22.00000	-8.50000	-1.9770	-8.9310	-484.14E-6	-1.3811	15.915E-6
	-14.00000	22.00000	-8.50000	-2.2555	-8.9310	-615.84E-6	-1.5596	17.970E-6
	-13.00000	22.00000	-8.50000	-2.5679	-8.9310	-796.43E-6	-1.7737	20.433E-6
	-12.00000	22.00000	-8.50000	-2.9196	-8.9310	-0.0010498	-2.0335	23.421E-6
	-11.00000	22.00000	-8.50000	-3.3173	-8.9310	-0.0014152	-2.3533	27.098E-6
	-10.00000	22.00000	-8.50000	-3.7695	-8.9310	-0.0019587	-2.7536	31.697E-6
	-9.00000	22.00000	-8.50000	-4.2867	-8.9310	-0.0027983	-3.2646	37.563E-6
	-8.00000	22.00000	-8.50000	-4.8830	-8.9310	-0.0041552	-3.9329	45.225E-6
	-7.00000	22.00000	-8.50000	-5.5767	-8.9310	-0.0064741	-4.8328	55.526E-6
	-6.00000	22.00000	-8.50000	-6.3930	-8.9310	-0.010729	-6.0903	69.885E-6
	-5.00000	22.00000	-8.50000	-7.3673	-8.9310	-0.019306	-7.9345	90.863E-6
	-4.00000	22.00000	-8.50000	-8.5519	-8.9310	-0.039045	-10.825	123.52E-6
	-3.00000	22.00000	-8.50000	-10.029	-8.9310	-0.094663	-15.824	179.26E-6
	-2.00000	22.00000	-8.50000	-11.942	-8.9310	-0.31734	-26.026	289.24E-6
	-1.00000	22.00000	-8.50000	-14.585	-8.9310	-2.2084	-55.337	561.93E-6
	0.00000	22.00000	-8.50000	-19.617	-8.9310	-79.994	-232.73	-83.612E-6
	1.00000	22.00000	-8.50000	-24.658	-8.9310	-157.78	-410.16	-728.80E-6
	2.00000	22.00000	-8.50000	-27.330	-8.9310	-159.67	-439.56	-455.15E-6
	3.00000	22.00000	-8.50000	-29.286	-8.9310	-159.89	-449.88	-343.74E-6
	4.00000	22.00000	-8.50000	-30.816	-8.9310	-159.95	-455.03	-286.35E-6
	5.00000	22.00000	-8.50000	-32.058	-8.9310	-159.97	-458.07	-252.00E-6
	6.00000	22.00000	-8.50000	-33.089	-8.9310	-159.98	-460.05	-229.42E-6
	7.00000	22.00000	-8.50000	-33.958	-8.9310	-159.98	-461.43	-213.63E-6
	8.00000	22.00000	-8.50000	-34.698	-8.9310	-159.99	-462.44	-202.08E-6
	9.00000	22.00000	-8.50000	-35.334	-8.9310	-159.99	-463.20	-193.35E-6
	10.00000	22.00000	-8.50000	-35.882	-8.9310	-159.99	-463.79	-186.57E-6
	11.00000	22.00000	-8.50000	-36.356	-8.9310	-159.99	-464.26	-181.19E-6
	12.00000	22.00000	-8.50000	-36.766	-8.9310	-159.99	-464.64	-176.84E-6
	13.00000	22.00000	-8.50000	-37.121	-8.9310	-159.99	-464.95	-173.25E-6
	14.00000	22.00000	-8.50000	-37.428	-8.9310	-159.99	-465.22	-170.24E-6
	15.00000	22.00000	-8.50000	-37.690	-8.9310	-159.99	-465.44	-167.65E-6
	16.00000	22.00000	-8.50000	-37.913	-8.9310	-159.99	-465.64	-165.39E-6
	17.00000	22.00000	-8.50000	-38.100	-8.9310	-159.99	-465.81	-163.37E-6
	18.00000	22.00000	-8.50000	-38.251	-8.9310	-159.99	-465.97	-161.53E-6
	19.00000	22.00000	-8.50000	-38.368	-8.9310	-159.99	-466.12	-159.84E-6
	20.00000	22.00000	-8.50000	-38.450	-8.9310	-159.99	-466.26	-158.31E-6
	21.00000	22.00000	-8.50000	-38.494	-8.9310	-159.99	-466.37	-156.99E-6
	22.00000	22.00000	-8.50000	-38.498	-8.9310	-159.99	-466.46	-155.96E-6
	23.00000	22.00000	-8.50000	-38.456	-8.9310	-159.99	-466.52	-155.35E-6
	24.00000	22.00000	-8.50000	-38.364	-8.9310	-159.99	-466.52	-155.29E-6
	25.00000	22.00000	-8.50000	-38.215	-8.9310	-159.99	-466.47	-155.94E-6
	26.00000	22.00000	-8.50000	-38.003	-8.9310	-159.99	-466.33	-157.46E-6
	27.00000	22.00000	-8.50000	-37.719	-8.9310	-159.99	-466.11	-160.04E-6
	28.00000	22.00000	-8.50000	-37.357	-8.9310	-159.99	-465.77	-163.91E-6
	29.00000	22.00000	-8.50000	-36.905	-8.9310	-159.99	-465.29	-169.42E-6
	30.00000	22.00000	-8.50000	-36.349	-8.9310	-159.99	-464.62	-177.10E-6
	31.00000	22.00000	-8.50000	-35.672	-8.9310	-159.99	-463.69	-187.80E-6
	32.00000	22.00000	-8.50000	-34.849	-8.9310	-159.98	-462.36	-202.95E-6
	33.00000	22.00000	-8.50000	-33.847	-8.9310	-159.98	-460.41	-225.12E-6
	34.00000	22.00000	-8.50000	-32.615	-8.9310	-159.96	-457.39	-259.35E-6
	35.00000	22.00000	-8.50000	-31.074	-8.9310	-159.90	-452.22	-317.01E-6
	36.00000	22.00000	-8.50000	-29.084	-8.9310	-159.68	-441.82	-429.18E-6
	37.00000	22.00000	-8.50000	-26.357	-8.9310	-157.78	-412.31	-704.15E-6
	38.00000	22.00000	-8.50000	-21.240	-8.9310	-79.998	-234.72	-60.805E-6
	39.00000	22.00000	-8.50000	-16.116	-8.9310	-2.2124	-57.132	582.50E-6
	40.00000	22.00000	-8.50000	-13.371	-8.9310	-0.32058	-27.609	307.40E-6
	41.00000	22.00000	-8.50000	-11.350	-8.9310	-0.097183	-17.197	195.01E-6
	42.00000	22.00000	-8.50000	-9.7653	-8.9310	-0.040963	-12.002	137.03E-6
	43.00000	22.00000	-8.50000	-8.4764	-8.9310	-0.020748	-8.9372	102.38E-6
	44.00000	22.00000	-8.50000	-7.4035	-8.9310	-0.011807	-6.9421	79.674E-6
	45.00000	22.00000	-8.50000	-6.4956	-8.9310	-0.0072819	-5.5565	63.847E-6
	46.00000	22.00000	-8.50000	-5.7177	-8.9310	-0.0047634	-4.5490	52.312E-6
	47.00000	22.00000	-8.50000	-5.0445	-8.9310	-0.0032596	-3.7908	43.617E-6
	48.00000	22.00000	-8.50000	-4.4574	-8.9310	-0.0023116	-3.2047	36.888E-6
	49.00000	22.00000	-8.50000	-3.9420	-8.9310	-0.0016876	-2.7416	31.568E-6
	50.00000	22.00000	-8.50000	-3.4870	-8.9310	-0.0012622	-2.3693	27.288E-6
	51.00000	22.00000	-8.50000	-3.0836	-8.9310	-963.37E-6	-2.0653	23.792E-6
	52.00000	22.00000	-8.50000	-2.7244	-8.9310	-748.28E-6	-1.8140	20.900E-6
	53.00000	22.00000	-8.50000	-2.4035	-8.9310	-590.08E-6	-1.6039	18.482E-6
	54.00000	22.00000	-8.50000	-2.1161	-8.9310	-471.55E-6	-1.4265	16.440E-6
	55.00000	22.00000	-8.50000	-1.8580	-8.9310	-381.28E-6	-1.2755	14.701E-6
	56.00000	22.00000	-8.50000	-1.6257	-8.9310	-311.54E-6	-1.1459	13.208E-6
	57.00000	22.00000	-8.50000	-1.4162	-8.9310	-256.95E-6	-1.0340	11.919E-6
	58.00000	22.00000	-8.50000	-1.2270	-8.9310	-213.74E-6	-0.93669	10.798E-6
	59.00000	22.00000	-8.50000	-1.0560	-8.9310	-179.17E-6	-0.85165	9.8182E-6
	60.00000	22.00000	-8.50000	-0.90119	-8.9310	-151.25E-6	-0.77692	8.9571E-6
	-20.00000	23.00000	-8.50000	-0.93369	-8.9310	-171.28E-6	-0.80342	9.2622E-6
	-19.00000	23.00000	-8.50000	-1.0935	-8.9310	-205.64E-6	-0.88424	10.193E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-18.00000	23.00000	-8.50000	-1.2706	-8.9310	-249.12E-6	-0.97708	11.263E-6
	-17.00000	23.00000	-8.50000	-1.4671	-8.9310	-304.84E-6	-1.0844	12.499E-6
	-16.00000	23.00000	-8.50000	-1.6857	-8.9310	-377.28E-6	-1.2095	13.940E-6
	-15.00000	23.00000	-8.50000	-1.9292	-8.9310	-472.93E-6	-1.3564	15.631E-6
	-14.00000	23.00000	-8.50000	-2.2014	-8.9310	-601.51E-6	-1.5306	17.636E-6
	-13.00000	23.00000	-8.50000	-2.5065	-8.9310	-777.94E-6	-1.7394	20.039E-6
	-12.00000	23.00000	-8.50000	-2.8498	-8.9310	-0.0010258	-1.9928	22.953E-6
	-11.00000	23.00000	-8.50000	-3.2378	-8.9310	-0.0013835	-2.3047	26.539E-6
	-10.00000	23.00000	-8.50000	-3.6788	-8.9310	-0.0019165	-2.6953	31.026E-6
	-9.00000	23.00000	-8.50000	-4.1832	-8.9310	-0.0027414	-3.1942	36.753E-6
	-8.00000	23.00000	-8.50000	-4.7645	-8.9310	-0.0040776	-3.8473	44.241E-6
	-7.00000	23.00000	-8.50000	-5.4407	-8.9310	-0.0063669	-4.7280	54.321E-6
	-6.00000	23.00000	-8.50000	-6.2367	-8.9310	-0.010579	-5.9612	68.401E-6
	-5.00000	23.00000	-8.50000	-7.1874	-8.9310	-0.019093	-7.7744	89.023E-6
	-4.00000	23.00000	-8.50000	-8.3447	-8.9310	-0.038739	-10.625	121.23E-6
	-3.00000	23.00000	-8.50000	-9.7904	-8.9310	-0.094220	-15.573	176.39E-6
	-2.00000	23.00000	-8.50000	-11.667	-8.9310	-0.31670	-25.712	285.65E-6
	-1.00000	23.00000	-8.50000	-14.269	-8.9310	-2.2074	-54.944	557.43E-6
	0.00000	23.00000	-8.50000	-19.255	-8.9310	-79.992	-232.25	-89.186E-6
	1.00000	23.00000	-8.50000	-24.248	-8.9310	-157.78	-409.57	-735.61E-6
	2.00000	23.00000	-8.50000	-26.869	-8.9310	-159.67	-438.85	-463.26E-6
	3.00000	23.00000	-8.50000	-28.775	-8.9310	-159.89	-449.06	-353.17E-6
	4.00000	23.00000	-8.50000	-30.257	-8.9310	-159.95	-454.09	-297.00E-6
	5.00000	23.00000	-8.50000	-31.454	-8.9310	-159.97	-457.04	-263.72E-6
	6.00000	23.00000	-8.50000	-32.446	-8.9310	-159.98	-458.95	-242.03E-6
	7.00000	23.00000	-8.50000	-33.280	-8.9310	-159.98	-460.27	-226.95E-6
	8.00000	23.00000	-8.50000	-33.992	-8.9310	-159.98	-461.23	-215.95E-6
	9.00000	23.00000	-8.50000	-34.603	-8.9310	-159.98	-461.95	-207.64E-6
	10.00000	23.00000	-8.50000	-35.131	-8.9310	-159.99	-462.52	-201.18E-6
	11.00000	23.00000	-8.50000	-35.589	-8.9310	-159.99	-462.96	-196.03E-6
	12.00000	23.00000	-8.50000	-35.988	-8.9310	-159.99	-463.33	-191.82E-6
	13.00000	23.00000	-8.50000	-36.335	-8.9310	-159.99	-463.64	-188.31E-6
	14.00000	23.00000	-8.50000	-36.637	-8.9310	-159.99	-463.90	-185.30E-6
	15.00000	23.00000	-8.50000	-36.899	-8.9310	-159.99	-464.13	-182.64E-6
	16.00000	23.00000	-8.50000	-37.125	-8.9310	-159.99	-464.34	-180.22E-6
	17.00000	23.00000	-8.50000	-37.319	-8.9310	-159.99	-464.54	-177.92E-6
	18.00000	23.00000	-8.50000	-37.482	-8.9310	-159.99	-464.73	-175.69E-6
	19.00000	23.00000	-8.50000	-37.615	-8.9310	-159.99	-464.93	-173.46E-6
	20.00000	23.00000	-8.50000	-37.717	-8.9310	-159.99	-465.12	-171.23E-6
	21.00000	23.00000	-8.50000	-37.786	-8.9310	-159.99	-465.31	-169.07E-6
	22.00000	23.00000	-8.50000	-37.817	-8.9310	-159.99	-465.49	-167.12E-6
	23.00000	23.00000	-8.50000	-37.803	-8.9310	-159.99	-465.62	-165.57E-6
	24.00000	23.00000	-8.50000	-37.739	-8.9310	-159.99	-465.71	-164.64E-6
	25.00000	23.00000	-8.50000	-37.617	-8.9310	-159.99	-465.72	-164.53E-6
	26.00000	23.00000	-8.50000	-37.429	-8.9310	-159.99	-465.64	-165.42E-6
	27.00000	23.00000	-8.50000	-37.169	-8.9310	-159.99	-465.46	-167.48E-6
	28.00000	23.00000	-8.50000	-36.829	-8.9310	-159.99	-465.16	-170.92E-6
	29.00000	23.00000	-8.50000	-36.397	-8.9310	-159.99	-464.71	-176.08E-6
	30.00000	23.00000	-8.50000	-35.862	-8.9310	-159.99	-464.07	-183.44E-6
	31.00000	23.00000	-8.50000	-35.206	-8.9310	-159.99	-463.16	-193.84E-6
	32.00000	23.00000	-8.50000	-34.405	-8.9310	-159.98	-461.86	-208.68E-6
	33.00000	23.00000	-8.50000	-33.426	-8.9310	-159.98	-459.94	-230.53E-6
	34.00000	23.00000	-8.50000	-32.217	-8.9310	-159.96	-456.94	-264.42E-6
	35.00000	23.00000	-8.50000	-30.700	-8.9310	-159.90	-451.81	-321.72E-6
	36.00000	23.00000	-8.50000	-28.736	-8.9310	-159.68	-441.45	-433.50E-6
	37.00000	23.00000	-8.50000	-26.035	-8.9310	-157.78	-411.97	-708.06E-6
	38.00000	23.00000	-8.50000	-20.945	-8.9310	-79.998	-234.42	-64.291E-6
	39.00000	23.00000	-8.50000	-15.848	-8.9310	-2.2119	-56.865	579.43E-6
	40.00000	23.00000	-8.50000	-13.128	-8.9310	-0.32024	-27.377	304.73E-6
	41.00000	23.00000	-8.50000	-11.132	-8.9310	-0.096912	-16.997	192.71E-6
	42.00000	23.00000	-8.50000	-9.5697	-8.9310	-0.040749	-11.831	135.07E-6
	43.00000	23.00000	-8.50000	-8.3020	-8.9310	-0.020581	-8.7924	100.72E-6
	44.00000	23.00000	-8.50000	-7.2485	-8.9310	-0.011679	-6.8198	78.268E-6
	45.00000	23.00000	-8.50000	-6.3582	-8.9310	-0.0071830	-5.4535	62.662E-6
	46.00000	23.00000	-8.50000	-5.5959	-8.9310	-0.0046874	-4.4623	51.314E-6
	47.00000	23.00000	-8.50000	-4.9367	-8.9310	-0.0032012	-3.7177	42.776E-6
	48.00000	23.00000	-8.50000	-4.3620	-8.9310	-0.0022666	-3.1430	36.178E-6
	49.00000	23.00000	-8.50000	-3.8576	-8.9310	-0.0016528	-2.6894	30.967E-6
	50.00000	23.00000	-8.50000	-3.4123	-8.9310	-0.0012351	-2.3250	26.778E-6
	51.00000	23.00000	-8.50000	-3.0174	-8.9310	-942.19E-6	-2.0277	23.358E-6
	52.00000	23.00000	-8.50000	-2.6658	-8.9310	-731.62E-6	-1.7819	20.530E-6
	53.00000	23.00000	-8.50000	-2.3515	-8.9310	-576.91E-6	-1.5764	18.165E-6
	54.00000	23.00000	-8.50000	-2.0700	-8.9310	-461.08E-6	-1.4029	16.168E-6
	55.00000	23.00000	-8.50000	-1.8170	-8.9310	-372.91E-6	-1.2552	14.466E-6
	56.00000	23.00000	-8.50000	-1.5893	-8.9310	-304.80E-6	-1.1283	13.006E-6
	57.00000	23.00000	-8.50000	-1.3838	-8.9310	-251.51E-6	-1.0187	11.743E-6
	58.00000	23.00000	-8.50000	-1.1983	-8.9310	-209.31E-6	-0.92343	10.645E-6
	59.00000	23.00000	-8.50000	-1.0304	-8.9310	-175.55E-6	-0.84007	9.6848E-6
	60.00000	23.00000	-8.50000	-0.87838	-8.9310	-148.28E-6	-0.76678	8.8403E-6
	-20.00000	24.00000	-8.50000	-0.90412	-8.9310	-166.90E-6	-0.78992	9.1065E-6
	-19.00000	24.00000	-8.50000	-1.0602	-8.9310	-200.19E-6	-0.86866	10.014E-6
	-18.00000	24.00000	-8.50000	-1.2330	-8.9310	-242.30E-6	-0.95903	11.055E-6
	-17.00000	24.00000	-8.50000	-1.4246	-8.9310	-296.22E-6	-1.0634	12.257E-6
	-16.00000	24.00000	-8.50000	-1.6375	-8.9310	-366.27E-6	-1.1849	13.656E-6
	-15.00000	24.00000	-8.50000	-1.8746	-8.9310	-458.72E-6	-1.3275	15.298E-6
	-14.00000	24.00000	-8.50000	-2.1393	-8.9310	-582.94E-6	-1.4964	17.242E-6
	-13.00000	24.00000	-8.50000	-2.4359	-8.9310	-753.34E-6	-1.6986	19.568E-6
	-12.00000	24.00000	-8.50000	-2.7692	-8.9310	-992.67E-6	-1.9437	22.388E-6
	-11.00000	24.00000	-8.50000	-3.1457	-8.9310	-0.0013382	-2.2453	25.855E-6
	-10.00000	24.00000	-8.50000	-3.5731	-8.9310	-0.0018533	-2.6227	30.190E-6
	-9.00000	24.00000	-8.50000	-4.0615	-8.9310	-0.0026513	-3.1045	35.721E-6
	-8.00000	24.00000	-8.50000	-4.6239	-8.9310	-0.0039459	-3.7352	42.952E-6
	-7.00000	24.00000	-8.50000	-5.2777	-8.9310	-0.0061694	-4.5862	52.691E-6
	-6.00000	24.00000	-8.50000	-6.0469	-8.9310	-0.010275	-5.7793	66.313E-6
	-5.00000	24.00000	-8.50000	-6.9657	-8.9310	-0.018616	-7.5382	86.315E-6
	-4.00000	24.00000	-8.50000	-8.0849	-8.9310	-0.037977	-10.315	117.68E-6
	-3.00000	24.00000	-8.50000	-9.4854	-8.9310	-0.093003	-15.164	171.71E-6
	-2.00000	24.00000	-8.50000	-11.310	-8.9310	-0.31479	-25.173	279.50E-6
	-1.00000	24.00000	-8.50000	-13.852	-8.9310	-2.2046	-54.246	549.47E-6
	0.00000	24.00000	-8.50000	-18.774	-8.9310	-79.988	-231.37	-99.208E-6
	1.00000	24.00000	-8.50000	-23.700	-8.9310	-157.77	-408.50	-747.77E-6
	2.00000	24.00000	-8.50000	-26.256	-8.9310	-159.66	-437.60	-477.45E-6
	3.00000	24.00000	-8.50000	-28.100	-8.9310	-159.88	-447.65	-369.15E-6
	4.00000	24.00000	-8.50000	-29.526	-8.9310	-159.94	-452.56	-314.47E-6
	5.00000	24.00000	-8.50000	-30.674	-8.9310	-159.96	-455.40	-282.39E-6
	6.00000	24.00000	-8.50000	-31.622	-8.9310	-159.97	-457.22	-261.65E-6
	7.00000	24.00000	-8.50000	-32.420	-8.9310	-159.97	-458.48	-247.31E-6
	8.00000	24.00000	-8.50000	-33.100	-8.9310	-159.97	-459.39	-236.89E-6
	9.00000	24.00000	-8.50000	-33.685	-8.9310	-159.98	-460.07	-229.01E-6
	10.00000	24.00000	-8.50000	-34.192	-8.9310	-159.98	-460.61	-222.86E-6
	11.00000	24.00000	-8.50000	-34.634	-8.9310	-159.98	-461.04	-217.93E-6
	12.00000	24.00000	-8.50000	-35.020	-8.9310	-159.98	-461.39	-213.87E-6
	13.00000	24.00000	-8.50000	-35.359	-8.9310	-159.98	-461.69	-210.42E-6
	14.00000	24.00000	-8.50000	-35.656	-8.9310	-159.98	-461.95	-207.40E-6
	15.00000	24.00000	-8.50000	-35.918	-8.9310	-159.98	-462.20	-204.64E

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	42.00000	24.00000	-8.50000	-9.3405	-8.9310	-0.040445	-11.618	132.63E-6
	43.00000	24.00000	-8.50000	-8.0988	-8.9310	-0.020351	-8.6146	98.672E-6
	44.00000	24.00000	-8.50000	-7.0688	-8.9310	-0.011506	-6.6716	76.564E-6
	45.00000	24.00000	-8.50000	-6.1995	-8.9310	-0.0070538	-5.3301	61.242E-6
	46.00000	24.00000	-8.50000	-5.4559	-8.9310	-0.0045904	-4.3594	50.130E-6
	47.00000	24.00000	-8.50000	-4.8132	-8.9310	-0.0031281	-3.6318	41.787E-6
	48.00000	24.00000	-8.50000	-4.2530	-8.9310	-0.0022112	-3.0710	35.349E-6
	49.00000	24.00000	-8.50000	-3.7613	-8.9310	-0.0016106	-2.6289	30.271E-6
	50.00000	24.00000	-8.50000	-3.3273	-8.9310	-0.0012026	-2.2740	26.190E-6
	51.00000	24.00000	-8.50000	-2.9422	-8.9310	-917.10E-6	-1.9844	22.860E-6
	52.00000	24.00000	-8.50000	-2.5992	-8.9310	-712.07E-6	-1.7451	20.210TE-6
	53.00000	24.00000	-8.50000	-2.2926	-8.9310	-561.56E-6	-1.5450	17.803E-6
	54.00000	24.00000	-8.50000	-2.0177	-8.9310	-448.95E-6	-1.3760	15.858E-6
	55.00000	24.00000	-8.50000	-1.7706	-8.9310	-363.25E-6	-1.2320	14.200E-6
	56.00000	24.00000	-8.50000	-1.5481	-8.9310	-297.07E-6	-1.1084	12.776E-6
	57.00000	24.00000	-8.50000	-1.3472	-8.9310	-245.28E-6	-1.0014	11.544E-6
	58.00000	24.00000	-8.50000	-1.1657	-8.9310	-204.26E-6	-0.90839	10.472E-6
	59.00000	24.00000	-8.50000	-1.0014	-8.9310	-171.43E-6	-0.82695	9.5335E-6
	60.00000	24.00000	-8.50000	-0.85257	-8.9310	-144.90E-6	-0.75530	8.7080E-6
	-20.00000	25.00000	-8.50000	-0.87131	-8.9310	-161.88E-6	-0.77481	8.9324E-6
	-19.00000	25.00000	-8.50000	-1.0231	-8.9310	-193.92E-6	-0.85119	9.8125E-6
	-18.00000	25.00000	-8.50000	-1.1911	-8.9310	-234.37E-6	-0.93874	10.821E-6
	-17.00000	25.00000	-8.50000	-1.3773	-8.9310	-286.12E-6	-1.0397	11.984E-6
	-16.00000	25.00000	-8.50000	-1.5839	-8.9310	-353.24E-6	-1.1571	13.336E-6
	-15.00000	25.00000	-8.50000	-1.8137	-8.9310	-441.70E-6	-1.2946	14.919E-6
	-14.00000	25.00000	-8.50000	-2.0700	-8.9310	-560.40E-6	-1.4572	16.791E-6
	-13.00000	25.00000	-8.50000	-2.3568	-8.9310	-722.98E-6	-1.6516	19.027E-6
	-12.00000	25.00000	-8.50000	-2.6787	-8.9310	-951.02E-6	-1.8868	21.733E-6
	-11.00000	25.00000	-8.50000	-3.0417	-8.9310	-0.0012798	-2.1757	25.054E-6
	-10.00000	25.00000	-8.50000	-3.4533	-8.9310	-0.0017697	-2.5364	29.198E-6
	-9.00000	25.00000	-8.50000	-3.9228	-8.9310	-0.0025281	-2.9963	34.478E-6
	-8.00000	25.00000	-8.50000	-4.4626	-8.9310	-0.0037593	-3.5975	41.369E-6
	-7.00000	25.00000	-8.50000	-5.0891	-8.9310	-0.0058775	-4.4078	50.645E-6
	-6.00000	25.00000	-8.50000	-5.8251	-8.9310	-0.0098033	-5.5443	63.618E-6
	-5.00000	25.00000	-8.50000	-6.7033	-8.9310	-0.017828	-7.2225	82.701E-6
	-4.00000	25.00000	-8.50000	-7.7728	-8.9310	-0.036627	-9.8837	112.75E-6
	-3.00000	25.00000	-8.50000	-9.1128	-8.9310	-0.090655	-14.568	164.91E-6
	-2.00000	25.00000	-8.50000	-10.865	-8.9310	-0.31076	-24.347	270.11E-6
	-1.00000	25.00000	-8.50000	-13.324	-8.9310	-2.1980	-53.121	536.73E-6
	0.00000	25.00000	-8.50000	-18.154	-8.9310	-79.979	-229.89	-115.85E-6
	1.00000	25.00000	-8.50000	-22.988	-8.9310	-157.76	-406.67	-768.34E-6
	2.00000	25.00000	-8.50000	-25.456	-8.9310	-159.65	-435.47	-501.50E-6
	3.00000	25.00000	-8.50000	-27.222	-8.9310	-159.87	-445.27	-395.96E-6
	4.00000	25.00000	-8.50000	-28.580	-8.9310	-159.92	-450.00	-343.37E-6
	5.00000	25.00000	-8.50000	-29.670	-8.9310	-159.94	-452.70	-312.88E-6
	6.00000	25.00000	-8.50000	-30.570	-8.9310	-159.95	-454.42	-293.22E-6
	7.00000	25.00000	-8.50000	-31.327	-8.9310	-159.95	-455.61	-279.71E-6
	8.00000	25.00000	-8.50000	-31.974	-8.9310	-159.95	-456.46	-269.91E-6
	9.00000	25.00000	-8.50000	-32.531	-8.9310	-159.96	-457.11	-262.48E-6
	10.00000	25.00000	-8.50000	-33.016	-8.9310	-159.96	-457.62	-256.67E-6
	11.00000	25.00000	-8.50000	-33.440	-8.9310	-159.96	-458.03	-251.98E-6
	12.00000	25.00000	-8.50000	-33.813	-8.9310	-159.96	-458.37	-248.06E-6
	13.00000	25.00000	-8.50000	-34.143	-8.9310	-159.96	-458.66	-244.67E-6
	14.00000	25.00000	-8.50000	-34.436	-8.9310	-159.96	-458.93	-241.62E-6
	15.00000	25.00000	-8.50000	-34.698	-8.9310	-159.96	-459.18	-238.71E-6
	16.00000	25.00000	-8.50000	-34.934	-8.9310	-159.96	-459.44	-235.77E-6
	17.00000	25.00000	-8.50000	-35.149	-8.9310	-159.96	-459.72	-232.58E-6
	18.00000	25.00000	-8.50000	-35.347	-8.9310	-159.96	-460.04	-228.91E-6
	19.00000	25.00000	-8.50000	-35.530	-8.9310	-159.96	-460.43	-224.51E-6
	20.00000	25.00000	-8.50000	-35.698	-8.9310	-159.97	-460.90	-219.17E-6
	21.00000	25.00000	-8.50000	-35.849	-8.9310	-159.97	-461.45	-212.94E-6
	22.00000	25.00000	-8.50000	-35.972	-8.9310	-159.97	-462.04	-206.24E-6
	23.00000	25.00000	-8.50000	-36.053	-8.9310	-159.98	-462.61	-199.91E-6
	24.00000	25.00000	-8.50000	-36.079	-8.9310	-159.98	-463.06	-194.82E-6
	25.00000	25.00000	-8.50000	-36.038	-8.9310	-159.99	-463.36	-191.40E-6
	26.00000	25.00000	-8.50000	-35.921	-8.9310	-159.99	-463.50	-189.97E-6
	27.00000	25.00000	-8.50000	-35.723	-8.9310	-159.99	-463.47	-190.30E-6
	28.00000	25.00000	-8.50000	-35.438	-8.9310	-159.99	-463.28	-192.47E-6
	29.00000	25.00000	-8.50000	-35.059	-8.9310	-159.99	-462.92	-196.61E-6
	30.00000	25.00000	-8.50000	-34.576	-8.9310	-159.99	-462.35	-203.11E-6
	31.00000	25.00000	-8.50000	-33.972	-8.9310	-159.98	-461.52	-212.68E-6
	32.00000	25.00000	-8.50000	-33.225	-8.9310	-159.98	-460.29	-226.68E-6
	33.00000	25.00000	-8.50000	-32.303	-8.9310	-159.97	-458.45	-247.60E-6
	34.00000	25.00000	-8.50000	-31.157	-8.9310	-159.95	-455.54	-280.46E-6
	35.00000	25.00000	-8.50000	-29.707	-8.9310	-159.90	-450.51	-336.59E-6
	36.00000	25.00000	-8.50000	-27.813	-8.9310	-159.67	-440.26	-447.07E-6
	37.00000	25.00000	-8.50000	-25.186	-8.9310	-157.78	-410.91	-720.22E-6
	38.00000	25.00000	-8.50000	-20.171	-8.9310	-79.996	-233.49	-74.984E-6
	39.00000	25.00000	-8.50000	-15.149	-8.9310	-2.2103	-56.060	570.20E-6
	40.00000	25.00000	-8.50000	-12.502	-8.9310	-0.31893	-26.693	296.89E-6
	41.00000	25.00000	-8.50000	-10.574	-8.9310	-0.095917	-16.423	186.13E-6
	42.00000	25.00000	-8.50000	-9.0757	-8.9310	-0.040006	-11.354	129.60E-6
	43.00000	25.00000	-8.50000	-7.8657	-8.9310	-0.020032	-8.3979	96.183E-6
	44.00000	25.00000	-8.50000	-6.8639	-8.9310	-0.011275	-6.4940	74.523E-6
	45.00000	25.00000	-8.50000	-6.0195	-8.9310	-0.0068858	-5.1843	59.566E-6
	46.00000	25.00000	-8.50000	-5.2978	-8.9310	-0.0044678	-4.2393	48.749E-6
	47.00000	25.00000	-8.50000	-4.6743	-8.9310	-0.0030379	-3.5325	40.645E-6
	48.00000	25.00000	-8.50000	-4.1308	-8.9310	-0.0021442	-2.9885	34.400E-6
	49.00000	25.00000	-8.50000	-3.6537	-8.9310	-0.0015603	-2.5601	29.478E-6
	50.00000	25.00000	-8.50000	-3.2324	-8.9310	-0.0011645	-2.2162	25.525E-6
	51.00000	25.00000	-8.50000	-2.8584	-8.9310	-887.95E-6	-1.9357	22.299E-6
	52.00000	25.00000	-8.50000	-2.5251	-8.9310	-689.56E-6	-1.7038	19.631E-6
	53.00000	25.00000	-8.50000	-2.2271	-8.9310	-544.03E-6	-1.5099	17.399E-6
	54.00000	25.00000	-8.50000	-1.9596	-8.9310	-435.17E-6	-1.3460	15.512E-6
	55.00000	25.00000	-8.50000	-1.7191	-8.9310	-352.34E-6	-1.2062	13.903E-6
	56.00000	25.00000	-8.50000	-1.5023	-8.9310	-288.37E-6	-1.0861	12.519E-6
	57.00000	25.00000	-8.50000	-1.3066	-8.9310	-238.28E-6	-0.98219	11.322E-6
	58.00000	25.00000	-8.50000	-1.1296	-8.9310	-198.61E-6	-0.89166	10.279E-6
	59.00000	25.00000	-8.50000	-0.96925	-8.9310	-166.83E-6	-0.81236	9.3655E-6
	60.00000	25.00000	-8.50000	-0.82393	-8.9310	-141.14E-6	-0.74254	8.5609E-6
	-20.00000	26.00000	-8.50000	-0.83550	-8.9310	-156.28E-6	-0.75822	8.7412E-6
	-19.00000	26.00000	-8.50000	-0.98272	-8.9310	-186.88E-6	-0.83202	9.5913E-6
	-18.00000	26.00000	-8.50000	-1.1454	-8.9310	-225.45E-6	-0.91641	10.564E-6
	-17.00000	26.00000	-8.50000	-1.3255	-8.9310	-274.68E-6	-1.0136	11.683E-6
	-16.00000	26.00000	-8.50000	-1.5252	-8.9310	-338.40E-6	-1.1263	12.981E-6
	-15.00000	26.00000	-8.50000	-1.7470	-8.9310	-422.16E-6	-1.2581	14.499E-6
	-14.00000	26.00000	-8.50000	-1.9940	-8.9310	-534.26E-6	-1.4136	16.289E-6
	-13.00000	26.00000	-8.50000	-2.2699	-8.9310	-687.40E-6	-1.5990	18.422E-6
	-12.00000	26.00000	-8.50000	-2.5791	-8.9310	-901.60E-6	-1.8228	20.996E-6
	-11.00000	26.00000	-8.50000	-2.9271	-8.9310	-0.0012096	-2.0967	24.145E-6
	-10.00000	26.00000	-8.50000	-3.3207	-8.9310	-0.0016671	-2.4378	28.064E-6
	-9.00000	26.00000	-8.50000	-3.7687	-8.9310	-0.0023738	-2.8713	33.040E-6
	-8.00000	26.00000	-8.50000	-4.2824	-8.9310	-0.0035190	-3.4360	39.515E-6
	-7.00000	26.00000	-8.50000	-4.8771	-8.9310	-0.0054885	-4.1950	48.203E-6
	-6.00000	26.00000	-8.50000	-5.5737	-8.9310	-0.0091450	-5.2570	60.327E-6
	-5.00000	26.00000	-8.50000	-6.4025	-8.9310	-0.016659	-6.8245	78.149E-6
	-4.00000	26.00000	-8.50000	-7.4098	-8.9310	-0.034441	-9.3163	106.28E-6
	-3.00000	26.00000	-8.50000	-8.6710	-8.9310	-0.086382	-13.736	155.47E-6
	-2.00000	26.00000	-8.50000	-10.324	-8.9310	-0.30221	-23.109	256.12E-6
	-1.00000	26.00000	-8.50000	-12.664	-8.9310	-2.1815	-51.290	516.18E-6
	0.00000	26.00000	-8.50000	-17.361	-8.9310	-79.951	-227.32	-144.58E-6
	1.00000	26.00000	-8.50000	-22.060	-8.9310	-157.72	-403.35	-805.29E-6
	2.00000	26.00000	-8.50000	-24.406	-8.9310	-159.60	-431.55	-545.08E-6
	3.00000	26.00000	-8.50000	-26.069	-8.9310	-159.81	-440.94	-444.20E-6
	4.00000	26.00000	-8.50000	-27.344	-8.9310	-159.87	-445.38	-394.70E-6
	5.00000	26.00000	-8.50000	-28.366	-8.9310	-159.88	-447.91	-366.22E-6
	6.00000	26.00000	-8.50000	-29.211	-8.9310	-159.89	-449.51	-348.01E-6
	7.00000	26.00000	-8.50000	-29.923	-8.9310	-159.90	-450.61	-335.47E-6
	8.00000	26.00000	-8.50000	-30.533	-8.9310	-159.90	-451.40	-326.35E-6
	9.00000	26.00000	-8.50000	-31.062	-8.9310	-159.90	-452.01	-319.43E-6
	10.00000	26.00000	-8.50000	-31.523	-8.9310	-159.90	-452.48	-313.97E-6
	11.00000	26.00000	-8.50000	-31.928	-8.9310	-159.90	-452.87	-309.52E-6
	12.00000	26.00000	-8.50000	-32.287	-8.9310	-159.90	-453.20	-305.76E-6
	13.00000	26.00000	-8.50000	-32.608	-8.9310	-159.90	-453.49	-302.43E-6
	14.00000	26.00000	-8.50000	-32.896	-8.9310	-159.90	-453.76	-299.34E-6
	15.00000	26.00000	-8.50000	-33.158	-8.9310	-159.90	-454.02	-296.26E-6
	16.00000	26.00000	-8.50000	-33.400	-8.9310	-159.90	-454.31	-292.94E-6
	17.00000	26.00000	-8.50000	-33.629	-8.9310	-159.90	-454.65	-289.07E-6
	18.00000	26.00000	-8.50000	-33.851	-8.9310	-159.91	-455.08	-284.18E-6
	19.00000	26.00000	-8.50000	-34.071	-8.9310	-159.91	-455.66	-277.67E-6
	20.00000	26.00000	-8.50000	-34.293	-8.9310	-159.92	-456.45	-268.81E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	21.00000	26.00000	-8.50000	-34.515	-8.9310	-159.93	-457.49	-257.18E-6
	22.00000	26.00000	-8.50000	-34.723	-8.9310	-159.94	-458.72	-243.57E-6
	23.00000	26.00000	-8.50000	-34.892	-8.9310	-159.96	-459.91	-230.31E-6
	24.00000	26.00000	-8.50000	-34.994	-8.9310	-159.97	-460.86	-219.78E-6
	25.00000	26.00000	-8.50000	-35.015	-8.9310	-159.98	-461.49	-212.81E-6
	26.00000	26.00000	-8.50000	-34.947	-8.9310	-159.98	-461.82	-209.07E-6
	27.00000	26.00000	-8.50000	-34.789	-8.9310	-159.98	-461.92	-208.02E-6
	28.00000	26.00000	-8.50000	-34.538	-8.9310	-159.98	-461.81	-209.27E-6
	29.00000	26.00000	-8.50000	-34.190	-8.9310	-159.98	-461.51	-212.75E-6
	30.00000	26.00000	-8.50000	-33.736	-8.9310	-159.98	-460.99	-218.69E-6
	31.00000	26.00000	-8.50000	-33.163	-8.9310	-159.98	-460.20	-227.72E-6
	32.00000	26.00000	-8.50000	-32.450	-8.9310	-159.98	-459.02	-241.15E-6
	33.00000	26.00000	-8.50000	-31.565	-8.9310	-159.97	-457.24	-261.41E-6
	34.00000	26.00000	-8.50000	-30.459	-8.9310	-159.95	-454.40	-293.48E-6
	35.00000	26.00000	-8.50000	-29.053	-8.9310	-159.89	-449.45	-348.67E-6
	36.00000	26.00000	-8.50000	-27.209	-8.9310	-159.67	-439.30	-458.03E-6
	37.00000	26.00000	-8.50000	-24.634	-8.9310	-157.78	-410.06	-729.92E-6
	38.00000	26.00000	-8.50000	-19.672	-8.9310	-79.994	-232.76	-83.342E-6
	39.00000	26.00000	-8.50000	-14.704	-8.9310	-2.2085	-55.446	563.18E-6
	40.00000	26.00000	-8.50000	-12.108	-8.9310	-0.31763	-26.189	291.12E-6
	41.00000	26.00000	-8.50000	-10.229	-8.9310	-0.094988	-16.015	181.46E-6
	42.00000	26.00000	-8.50000	-8.7733	-8.9310	-0.039358	-11.027	125.84E-6
	43.00000	26.00000	-8.50000	-7.6017	-8.9310	-0.019584	-8.1353	93.169E-6
	44.00000	26.00000	-8.50000	-6.6336	-8.9310	-0.010964	-6.2830	72.100E-6
	45.00000	26.00000	-8.50000	-5.8184	-8.9310	-0.0066688	-5.0140	57.610E-6
	46.00000	26.00000	-8.50000	-5.1221	-8.9310	-0.0043144	-4.1011	47.160E-6
	47.00000	26.00000	-8.50000	-4.5205	-8.9310	-0.0029279	-3.4195	39.345E-6
	48.00000	26.00000	-8.50000	-3.9959	-8.9310	-0.0020642	-2.8955	33.330E-6
	49.00000	26.00000	-8.50000	-3.5352	-8.9310	-0.0015013	-2.4830	28.591E-6
	50.00000	26.00000	-8.50000	-3.1281	-8.9310	-0.0011205	-2.1519	24.785E-6
	51.00000	26.00000	-8.50000	-2.7665	-8.9310	-854.64E-6	-1.8817	21.678E-6
	52.00000	26.00000	-8.50000	-2.4440	-8.9310	-664.08E-6	-1.6583	19.106E-6
	53.00000	26.00000	-8.50000	-2.1553	-8.9310	-524.33E-6	-1.4712	16.953E-6
	54.00000	26.00000	-8.50000	-1.8961	-8.9310	-419.79E-6	-1.3130	15.132E-6
	55.00000	26.00000	-8.50000	-1.6628	-8.9310	-340.22E-6	-1.1779	13.576E-6
	56.00000	26.00000	-8.50000	-1.4524	-8.9310	-278.74E-6	-1.0618	12.239E-6
	57.00000	26.00000	-8.50000	-1.2622	-8.9310	-230.57E-6	-0.96111	11.079E-6
	58.00000	26.00000	-8.50000	-1.0901	-8.9310	-192.39E-6	-0.87336	10.068E-6
	59.00000	26.00000	-8.50000	-0.93412	-8.9310	-161.78E-6	-0.79641	9.1816E-6
	60.00000	26.00000	-8.50000	-0.79265	-8.9310	-137.01E-6	-0.72859	8.4001E-6
	-20.00000	27.00000	-8.50000	-0.79698	-8.9310	-150.17E-6	-0.74031	8.5548E-6
	-19.00000	27.00000	-8.50000	-0.93924	-8.9310	-179.19E-6	-0.81126	9.3523E-6
	-18.00000	27.00000	-8.50000	-1.0963	-8.9310	-215.68E-6	-0.89227	10.286E-6
	-17.00000	27.00000	-8.50000	-1.2699	-8.9310	-262.10E-6	-0.98533	11.357E-6
	-16.00000	27.00000	-8.50000	-1.4620	-8.9310	-321.98E-6	-1.0930	12.597E-6
	-15.00000	27.00000	-8.50000	-1.6752	-8.9310	-400.46E-6	-1.2185	14.043E-6
	-14.00000	27.00000	-8.50000	-1.9121	-8.9310	-505.08E-6	-1.3662	15.742E-6
	-13.00000	27.00000	-8.50000	-2.1762	-8.9310	-647.40E-6	-1.5416	17.761E-6
	-12.00000	27.00000	-8.50000	-2.4715	-8.9310	-845.57E-6	-1.7526	20.188E-6
	-11.00000	27.00000	-8.50000	-2.8031	-8.9310	-0.0011291	-2.0098	23.146E-6
	-10.00000	27.00000	-8.50000	-3.1770	-8.9310	-0.0015482	-2.3286	26.809E-6
	-9.00000	27.00000	-8.50000	-3.6013	-8.9310	-0.0021921	-2.7317	31.437E-6
	-8.00000	27.00000	-8.50000	-4.0860	-8.9310	-0.0032299	-3.2539	37.424E-6
	-7.00000	27.00000	-8.50000	-4.6448	-8.9310	-0.0050062	-3.9516	45.411E-6
	-6.00000	27.00000	-8.50000	-5.2963	-8.9310	-0.0082930	-4.9217	56.489E-6
	-5.00000	27.00000	-8.50000	-6.0675	-8.9310	-0.015044	-6.3457	72.682E-6
	-4.00000	27.00000	-8.50000	-6.9996	-8.9310	-0.031108	-8.6018	98.151E-6
	-3.00000	27.00000	-8.50000	-8.1612	-8.9310	-0.078773	-12.612	142.77E-6
	-2.00000	27.00000	-8.50000	-9.6805	-8.9310	-0.28302	-21.240	235.23E-6
	-1.00000	27.00000	-8.50000	-11.844	-8.9310	-2.1313	-48.084	480.93E-6
	0.00000	27.00000	-8.50000	-16.328	-8.9310	-79.839	-222.11	-200.83E-6
	1.00000	27.00000	-8.50000	-20.814	-8.9310	-157.55	-396.13	-882.56E-6
	2.00000	27.00000	-8.50000	-22.982	-8.9310	-159.39	-422.99	-636.75E-6
	3.00000	27.00000	-8.50000	-24.508	-8.9310	-159.60	-431.63	-544.12E-6
	4.00000	27.00000	-8.50000	-25.679	-8.9310	-159.65	-435.66	-499.28E-6
	5.00000	27.00000	-8.50000	-26.622	-8.9310	-159.66	-437.94	-473.55E-6
	6.00000	27.00000	-8.50000	-27.406	-8.9310	-159.67	-439.39	-457.06E-6
	7.00000	27.00000	-8.50000	-28.069	-8.9310	-159.67	-440.39	-445.65E-6
	8.00000	27.00000	-8.50000	-28.641	-8.9310	-159.67	-441.12	-437.30E-6
	9.00000	27.00000	-8.50000	-29.137	-8.9310	-159.68	-441.67	-430.91E-6
	10.00000	27.00000	-8.50000	-29.574	-8.9310	-159.68	-442.12	-425.84E-6
	11.00000	27.00000	-8.50000	-29.959	-8.9310	-159.68	-442.48	-421.65E-6
	12.00000	27.00000	-8.50000	-30.304	-8.9310	-159.68	-442.79	-418.05E-6
	13.00000	27.00000	-8.50000	-30.614	-8.9310	-159.68	-443.08	-414.79E-6
	14.00000	27.00000	-8.50000	-30.896	-8.9310	-159.68	-443.35	-411.66E-6
	15.00000	27.00000	-8.50000	-31.158	-8.9310	-159.68	-443.63	-408.39E-6
	16.00000	27.00000	-8.50000	-31.407	-8.9310	-159.68	-443.96	-404.65E-6
	17.00000	27.00000	-8.50000	-31.651	-8.9310	-159.68	-444.37	-399.94E-6
	18.00000	27.00000	-8.50000	-31.900	-8.9310	-159.68	-444.95	-393.40E-6
	19.00000	27.00000	-8.50000	-32.166	-8.9310	-159.69	-445.82	-383.62E-6
	20.00000	27.00000	-8.50000	-32.464	-8.9310	-159.71	-447.21	-368.21E-6
	21.00000	27.00000	-8.50000	-32.799	-8.9310	-159.75	-449.42	-344.18E-6
	22.00000	27.00000	-8.50000	-33.155	-8.9310	-159.83	-452.46	-311.70E-6
	23.00000	27.00000	-8.50000	-33.472	-8.9310	-159.90	-455.48	-279.56E-6
	24.00000	27.00000	-8.50000	-33.693	-8.9310	-159.95	-457.59	-256.58E-6
	25.00000	27.00000	-8.50000	-33.798	-8.9310	-159.96	-458.83	-242.96E-6
	26.00000	27.00000	-8.50000	-33.789	-8.9310	-159.97	-459.47	-235.81E-6
	27.00000	27.00000	-8.50000	-33.676	-8.9310	-159.97	-459.73	-232.92E-6
	28.00000	27.00000	-8.50000	-33.461	-8.9310	-159.97	-459.72	-233.08E-6
	29.00000	27.00000	-8.50000	-33.147	-8.9310	-159.97	-459.48	-235.80E-6
	30.00000	27.00000	-8.50000	-32.726	-8.9310	-159.97	-459.02	-241.10E-6
	31.00000	27.00000	-8.50000	-32.187	-8.9310	-159.97	-458.28	-249.52E-6
	32.00000	27.00000	-8.50000	-31.512	-8.9310	-159.97	-457.17	-262.25E-6
	33.00000	27.00000	-8.50000	-30.669	-8.9310	-159.96	-455.46	-281.66E-6
	34.00000	27.00000	-8.50000	-29.611	-8.9310	-159.94	-452.72	-312.66E-6
	35.00000	27.00000	-8.50000	-28.260	-8.9310	-159.88	-447.88	-366.48E-6
	36.00000	27.00000	-8.50000	-26.477	-8.9310	-159.66	-437.89	-474.14E-6
	37.00000	27.00000	-8.50000	-23.969	-8.9310	-157.77	-408.82	-744.02E-6
	38.00000	27.00000	-8.50000	-19.078	-8.9310	-79.989	-231.71	-95.235E-6
	39.00000	27.00000	-8.50000	-14.180	-8.9310	-2.2052	-54.596	553.50E-6
	40.00000	27.00000	-8.50000	-11.651	-8.9310	-0.31535	-25.516	283.43E-6
	41.00000	27.00000	-8.50000	-9.8327	-8.9310	-0.093488	-15.490	175.46E-6
	42.00000	27.00000	-8.50000	-8.4312	-8.9310	-0.038385	-10.620	121.18E-6
	43.00000	27.00000	-8.50000	-7.3062	-8.9310	-0.018952	-7.8185	89.537E-6
	44.00000	27.00000	-8.50000	-6.3780	-8.9310	-0.010549	-6.0348	69.251E-6
	45.00000	27.00000	-8.50000	-5.5968	-8.9310	-0.0063909	-4.8176	55.353E-6
	46.00000	27.00000	-8.50000	-4.9295	-8.9310	-0.0041246	-3.9440	45.355E-6
	47.00000	27.00000	-8.50000	-4.3526	-8.9310	-0.0027956	-3.2927	37.887E-6
	48.00000	27.00000	-8.50000	-3.8492	-8.9310	-0.0019702	-2.7921	32.140E-6
	49.00000	27.00000	-8.50000	-3.4067	-8.9310	-0.0014333	-2.3979	27.612E-6
	50.00000	27.00000	-8.50000	-3.0152	-8.9310	-0.0010704	-2.0813	23.973E-6
	51.00000	27.00000	-8.50000	-2.6672	-8.9310	-817.21E-6	-1.8228	20.999E-6
	52.00000	27.00000	-8.50000	-2.3564	-8.9310	-635.71E-6	-1.6087	18.535E-6
	53.00000	27.00000	-8.50000	-2.0779	-8.9310	-502.55E-6	-1.4292	16.469E-6
	54.00000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	0.00000	28.00000	-8.50000	-14.914	-8.9310	-78.893	-207.32	-338.67E-6
	1.00000	28.00000	-8.50000	-19.004	-8.9310	-155.86	-372.86	-0.0010927
	2.00000	28.00000	-8.50000	-20.899	-8.9310	-157.55	-396.20	-881.83E-6
	3.00000	28.00000	-8.50000	-22.246	-8.9310	-157.72	-403.50	-803.61E-6
	4.00000	28.00000	-8.50000	-23.294	-8.9310	-157.76	-406.93	-765.42E-6
	5.00000	28.00000	-8.50000	-24.148	-8.9310	-157.77	-408.90	-743.17E-6
	6.00000	28.00000	-8.50000	-24.864	-8.9310	-157.78	-410.17	-728.70E-6
	7.00000	28.00000	-8.50000	-25.476	-8.9310	-157.78	-411.05	-718.56E-6
	8.00000	28.00000	-8.50000	-26.006	-8.9310	-157.78	-411.71	-711.05E-6
	9.00000	28.00000	-8.50000	-26.469	-8.9310	-157.78	-412.22	-705.24E-6
	10.00000	28.00000	-8.50000	-26.879	-8.9310	-157.78	-412.62	-700.57E-6
	11.00000	28.00000	-8.50000	-27.245	-8.9310	-157.79	-412.96	-696.66E-6
	12.00000	28.00000	-8.50000	-27.573	-8.9310	-157.79	-413.26	-693.23E-6
	13.00000	28.00000	-8.50000	-27.872	-8.9310	-157.79	-413.54	-690.06E-6
	14.00000	28.00000	-8.50000	-28.148	-8.9310	-157.79	-413.81	-686.91E-6
	15.00000	28.00000	-8.50000	-28.408	-8.9310	-157.79	-414.11	-683.47E-6
	16.00000	28.00000	-8.50000	-28.662	-8.9310	-157.79	-414.48	-679.31E-6
	17.00000	28.00000	-8.50000	-28.920	-8.9310	-157.79	-414.97	-673.68E-6
	18.00000	28.00000	-8.50000	-29.198	-8.9310	-157.80	-415.73	-665.16E-6
	19.00000	28.00000	-8.50000	-29.518	-8.9310	-157.81	-417.02	-650.76E-6
	20.00000	28.00000	-8.50000	-29.916	-8.9310	-157.86	-419.51	-623.67E-6
	21.00000	28.00000	-8.50000	-30.438	-8.9310	-158.06	-424.93	-568.13E-6
	22.00000	28.00000	-8.50000	-31.097	-8.9310	-158.87	-436.11	-467.31E-6
	23.00000	28.00000	-8.50000	-31.720	-8.9310	-159.68	-447.26	-366.81E-6
	24.00000	28.00000	-8.50000	-32.133	-8.9310	-159.89	-452.59	-312.22E-6
	25.00000	28.00000	-8.50000	-32.347	-8.9310	-159.93	-454.93	-286.85E-6
	26.00000	28.00000	-8.50000	-32.406	-8.9310	-159.95	-456.00	-274.95E-6
	27.00000	28.00000	-8.50000	-32.340	-8.9310	-159.95	-456.46	-269.87E-6
	28.00000	28.00000	-8.50000	-32.163	-8.9310	-159.95	-456.56	-268.83E-6
	29.00000	28.00000	-8.50000	-31.882	-8.9310	-159.95	-456.39	-270.74E-6
	30.00000	28.00000	-8.50000	-31.496	-8.9310	-159.95	-455.99	-275.37E-6
	31.00000	28.00000	-8.50000	-30.994	-8.9310	-159.95	-455.31	-283.09E-6
	32.00000	28.00000	-8.50000	-30.361	-8.9310	-159.95	-454.27	-294.98E-6
	33.00000	28.00000	-8.50000	-29.566	-8.9310	-159.94	-452.66	-313.31E-6
	34.00000	28.00000	-8.50000	-28.566	-8.9310	-159.92	-450.04	-342.83E-6
	35.00000	28.00000	-8.50000	-27.283	-8.9310	-159.87	-445.39	-394.62E-6
	36.00000	28.00000	-8.50000	-25.579	-8.9310	-159.65	-435.64	-499.56E-6
	37.00000	28.00000	-8.50000	-23.160	-8.9310	-157.76	-406.88	-765.96E-6
	38.00000	28.00000	-8.50000	-18.365	-8.9310	-79.979	-230.12	-113.19E-6
	39.00000	28.00000	-8.50000	-13.562	-8.9310	-2.1983	-53.364	539.52E-6
	40.00000	28.00000	-8.50000	-11.122	-8.9310	-0.31111	-24.593	272.93E-6
	41.00000	28.00000	-8.50000	-9.3825	-8.9310	-0.09096	-14.808	167.67E-6
	42.00000	28.00000	-8.50000	-8.0480	-8.9310	-0.036899	-10.114	115.39E-6
	43.00000	28.00000	-8.50000	-6.9791	-8.9310	-0.018061	-7.4391	85.191E-6
	44.00000	28.00000	-8.50000	-6.0978	-8.9310	-0.0099986	-5.7458	65.930E-6
	45.00000	28.00000	-8.50000	-5.3557	-8.9310	-0.0060402	-4.5938	52.784E-6
	46.00000	28.00000	-8.50000	-4.7210	-8.9310	-0.0038940	-3.7681	43.334E-6
	47.00000	28.00000	-8.50000	-4.1717	-8.9310	-0.0026396	-3.1524	36.274E-6
	48.00000	28.00000	-8.50000	-3.6916	-8.9310	-0.0018618	-2.6788	30.837E-6
	49.00000	28.00000	-8.50000	-3.2690	-8.9310	-0.0013562	-2.3054	26.548E-6
	50.00000	28.00000	-8.50000	-2.8945	-8.9310	-0.0010144	-2.0050	23.094E-6
	51.00000	28.00000	-8.50000	-2.5611	-8.9310	-775.83E-6	-1.7593	20.268E-6
	52.00000	28.00000	-8.50000	-2.2629	-8.9310	-604.62E-6	-1.5554	17.922E-6
	53.00000	28.00000	-8.50000	-1.9954	-8.9310	-478.86E-6	-1.3842	15.951E-6
	54.00000	28.00000	-8.50000	-1.7546	-8.9310	-384.60E-6	-1.2389	14.279E-6
	55.00000	28.00000	-8.50000	-1.5374	-8.9310	-312.69E-6	-1.1146	12.847E-6
	56.00000	28.00000	-8.50000	-1.3411	-8.9310	-256.98E-6	-1.0073	11.611E-6
	57.00000	28.00000	-8.50000	-1.1634	-8.9310	-213.23E-6	-0.91406	10.537E-6
	58.00000	28.00000	-8.50000	-1.0022	-8.9310	-178.45E-6	-0.83253	9.5977E-6
	59.00000	28.00000	-8.50000	-0.85592	-8.9310	-150.49E-6	-0.76083	8.7716E-6
	60.00000	28.00000	-8.50000	-0.72300	-8.9310	-127.81E-6	-0.69747	8.0414E-6
	-20.00000	29.00000	-8.50000	-0.71304	-8.9310	-136.78E-6	-0.70117	8.0838E-6
	-19.00000	29.00000	-8.50000	-0.84454	-8.9310	-162.32E-6	-0.76596	8.8304E-6
	-18.00000	29.00000	-8.50000	-0.98928	-8.9310	-194.19E-6	-0.83955	9.6781E-6
	-17.00000	29.00000	-8.50000	-1.1487	-8.9310	-234.40E-6	-0.92358	10.644E-6
	-16.00000	29.00000	-8.50000	-1.3246	-8.9310	-285.80E-6	-1.0202	11.759E-6
	-15.00000	29.00000	-8.50000	-1.5190	-8.9310	-352.46E-6	-1.1320	13.046E-6
	-14.00000	29.00000	-8.50000	-1.7340	-8.9310	-440.31E-6	-1.2624	14.548E-6
	-13.00000	29.00000	-8.50000	-1.9725	-8.9310	-558.27E-6	-1.4160	16.315E-6
	-12.00000	29.00000	-8.50000	-2.2376	-8.9310	-720.09E-6	-1.5987	18.417E-6
	-11.00000	29.00000	-8.50000	-2.5333	-8.9310	-947.75E-6	-1.8180	20.949E-6
	-10.00000	29.00000	-8.50000	-2.8642	-8.9310	-0.0012777	-2.0878	24.040E-6
	-9.00000	29.00000	-8.50000	-3.2363	-8.9310	-0.0017733	-2.4222	27.881E-6
	-8.00000	29.00000	-8.50000	-3.6570	-8.9310	-0.0025513	-2.8470	32.754E-6
	-7.00000	29.00000	-8.50000	-4.1357	-8.9310	-0.0038419	-3.4011	39.101E-6
	-6.00000	29.00000	-8.50000	-4.6852	-8.9310	-0.0061421	-4.1493	47.652E-6
	-5.00000	29.00000	-8.50000	-5.3231	-8.9310	-0.0106657	-5.2076	59.705E-6
	-4.00000	29.00000	-8.50000	-6.0749	-8.9310	-0.020817	-6.8062	77.795E-6
	-3.00000	29.00000	-8.50000	-6.9804	-8.9310	-0.048987	-9.4754	107.61E-6
	-2.00000	29.00000	-8.50000	-8.1090	-8.9310	-0.16075	-14.759	164.69E-6
	-1.00000	29.00000	-8.50000	-9.6051	-8.9310	-1.1067	-29.602	303.19E-6
	0.00000	29.00000	-8.50000	-12.295	-8.9310	-40.000	-118.48	-17.474E-6
	1.00000	29.00000	-8.50000	-14.985	-8.9310	-78.893	-207.37	-338.11E-6
	2.00000	29.00000	-8.50000	-16.484	-8.9310	-79.839	-222.22	-199.56E-6
	3.00000	29.00000	-8.50000	-17.616	-8.9310	-79.951	-227.51	-142.38E-6
	4.00000	29.00000	-8.50000	-18.527	-8.9310	-79.979	-230.19	-112.43E-6
	5.00000	29.00000	-8.50000	-19.285	-8.9310	-79.989	-231.80	-94.177E-6
	6.00000	29.00000	-8.50000	-19.930	-8.9310	-79.994	-232.88	-81.924E-6
	7.00000	29.00000	-8.50000	-20.488	-8.9310	-79.996	-233.65	-73.135E-6
	8.00000	29.00000	-8.50000	-20.975	-8.9310	-79.997	-234.23	-66.507E-6
	9.00000	29.00000	-8.50000	-21.405	-8.9310	-79.998	-234.68	-61.297E-6
	10.00000	29.00000	-8.50000	-21.788	-8.9310	-79.999	-235.05	-57.042E-6
	11.00000	29.00000	-8.50000	-22.131	-8.9310	-79.999	-235.37	-53.422E-6
	12.00000	29.00000	-8.50000	-22.443	-8.9310	-79.999	-235.65	-50.193E-6
	13.00000	29.00000	-8.50000	-22.729	-8.9310	-80.000	-235.91	-47.130E-6
	14.00000	29.00000	-8.50000	-22.997	-8.9310	-80.000	-236.19	-43.988E-6
	15.00000	29.00000	-8.50000	-23.254	-8.9310	-80.001	-236.50	-40.434E-6
	16.00000	29.00000	-8.50000	-23.510	-8.9310	-80.003	-236.89	-35.933E-6
	17.00000	29.00000	-8.50000	-23.779	-8.9310	-80.006	-237.46	-29.494E-6
	18.00000	29.00000	-8.50000	-24.081	-8.9310	-80.013	-238.39	-19.032E-6
	19.00000	29.00000	-8.50000	-24.453	-8.9310	-80.037	-240.16	0.0
	20.00000	29.00000	-8.50000	-24.963	-8.9310	-80.141	-244.24	44.016E-6
	21.00000	29.00000	-8.50000	-25.759	-8.9310	-81.074	-257.55	165.24E-6
	22.00000	29.00000	-8.50000	-27.685	-8.9310	-119.95	-344.64	-175.50E-6
	23.00000	29.00000	-8.50000	-29.577	-8.9310	-158.83	-431.73	-516.55E-6
	24.00000	29.00000	-8.50000	-30.271	-8.9310	-159.76	-444.93	-396.25E-6
	25.00000	29.00000	-8.50000	-30.607	-8.9310	-159.86	-448.87	-354.34E-6
	26.00000	29.00000	-8.50000	-30.732	-8.9310	-159.89	-450.44	-337.12E-6
	27.00000	29.00000	-8.50000	-30.709	-8.9310	-159.89	-451.09	-329.87E-6
	28.00000	29.00000	-8.50000	-30.567	-8.9310	-159.90	-451.28	-327.71E-6
	29.00000	29.00000	-8.50000	-30.320	-8.9310	-159.90	-451.18	-328.87E-6
	30.00000	29.00000	-8.50000	-29.968	-8.9310	-159.90	-450.84	-332.82E-6
	31.00000	29.00000	-8.50000	-29.506	-8.9310	-159.90	-450.23	-339.77E-6
	32.00000	29.00000	-8.50000	-28.918	-8.9310	-159.89	-449.28	-350.67E-6
	33.00000	29.00000	-8.50000	-28.179	-8.9310	-159.88	-447.79	-367.62E-6
	34.00000	29.00000	-8.50000	-27.246	-8.9310	-159.87	-445.35	-395.11E-6
	35.00000	29.00000	-8.50000	-26.047	-8.9310	-159.81	-440.97	-443.84E-6
	36.00000	29.00000	-8.50000	-24.447	-8.9310	-159.60	-431.63	-544.13E-6
	37.00000	29.00000	-8.50000	-22.151	-8.9310	-157.72	-403.47	-803.90E-6
	38.00000	29.00000	-8.50000	-17.493	-8.9310	-79.951	-227.47	-142.89E-6
	39.00000	29.00000	-8.50000	-12.828	-8.9310	-2.1817	-51.454	518.06E-6
	40.00000	29.00000	-8.50000	-10.511	-8.9310	-0.30244	-23.281	258.10E-6
	41.00000	29.00000	-8.50000	-8.8742	-8.9310	-0.086586	-13.911	157.48E-6
	42.00000	29.00000	-8.50000	-7.6234	-8.9310	-0.034625	-9.4880	108.25E-6
	43.00000	29.00000	-8.50000	-6.6218	-8.9310	-0.016820	-6.9902	80.055E-6
	44.00000	29.00000	-8.50000	-5.7947	-8.9310	-0.0092848	-5.1446	62.140E-6
	45.00000	29.00000	-8.50000	-5.0967	-8.9310	-0.0056081	-4.3432	49.909E-6
	46.00000	29.00000	-8.50000	-4.4984	-8.9310	-0.0036205	-3.5743	41.107E-6
	47.00000	29.00000	-8.50000	-3.9792	-8.9310	-0.0024596	-2.9997	34.519E-6
	48.00000	29.00000	-8.50000	-3.5245	-8.9310	-0.0017394	-2.5566	29.432E-6
	49.00000	29.00000	-8.50000	-3.1232	-8.9310	-0.0012706	-2.2062	25.407E-6
	50.00000	29.00000	-8.50000	-2.7669	-8.9310	-953.05E-6	-1.9236	22.157E-6
	51.00000	29.00000	-8.50000	-2.4490	-8.9310	-730.90E-6	-1.6918	19.491E-6
	52.00000	29.00000	-8.50000	-2.1642	-8.9310	-571.12E-6	-1.4989	17.271E-6
	53.00000	29.00000	-8.50000	-1.9083	-8.9310	-453.48E-6	-1.3366	15.403E-6
	54.00000	29.00000	-8.50000	-1.6776	-8.9310	-365.09E-6	-1.1985	13.813E-6
	55.00000	29.00000	-8.50000	-1.4692	-8.9310	-297.52E-6	-1.0801	12.449E-6
	56.00000	29.00000	-8.50000	-1.2806	-8.9310	-245.04E-6	-0.97762	11.269E-6
	57.00000	29.00000	-8.50000	-1.1096	-8.9310	-203.74E-6	-0.88843	10.242E-6
	58.00000	29.00000	-8.50000	-0.95440	-8.9310	-170.84E-6	-0.81029	9.3414E-6
	59.00000	29.00000	-8.50000	-0.81336	-8.9310	-144.35E-6	-0.74145	8.5482E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	60.00000	29.00000	-8.50000	-0.68509	-8.9310	-122.80E-6	-0.68051	7.8460E-6
	-20.00000	30.00000	-8.50000	-0.66828	-8.9310	-129.69E-6	-0.68031	7.8434E-6
	-19.00000	30.00000	-8.50000	-0.79408	-8.9310	-153.39E-6	-0.74185	8.5525E-6
	-18.00000	30.00000	-8.50000	-0.93232	-8.9310	-182.83E-6	-0.81152	9.3551E-6
	-17.00000	30.00000	-8.50000	-1.0843	-8.9310	-219.78E-6	-0.89081	10.269E-6
	-16.00000	30.00000	-8.50000	-1.2517	-8.9310	-266.73E-6	-0.98157	11.314E-6
	-15.00000	30.00000	-8.50000	-1.4361	-8.9310	-327.19E-6	-1.0862	12.518E-6
	-14.00000	30.00000	-8.50000	-1.6396	-8.9310	-406.26E-6	-1.2076	13.916E-6
	-13.00000	30.00000	-8.50000	-1.8646	-8.9310	-511.49E-6	-1.3497	15.552E-6
	-12.00000	30.00000	-8.50000	-2.1140	-8.9310	-654.34E-6	-1.5177	17.485E-6
	-11.00000	30.00000	-8.50000	-2.3909	-8.9310	-852.86E-6	-1.7184	19.794E-6
	-10.00000	30.00000	-8.50000	-2.6994	-8.9310	-0.0011364	-1.9614	22.587E-6
	-9.00000	30.00000	-8.50000	-3.0443	-8.9310	-0.0015547	-2.2602	26.019E-6
	-8.00000	30.00000	-8.50000	-3.4316	-8.9310	-0.0021969	-2.6343	30.312E-6
	-7.00000	30.00000	-8.50000	-3.8688	-8.9310	-0.0032322	-3.1136	35.806E-6
	-6.00000	30.00000	-8.50000	-4.3653	-8.9310	-0.0050084	-3.7457	43.036E-6
	-5.00000	30.00000	-8.50000	-4.9338	-8.9310	-0.0083130	-4.6110	52.903E-6
	-4.00000	30.00000	-8.50000	-5.5911	-8.9310	-0.015173	-5.8564	67.033E-6
	-3.00000	30.00000	-8.50000	-6.3606	-8.9310	-0.031784	-7.7784	88.630E-6
	-2.00000	30.00000	-8.50000	-7.2750	-8.9310	-0.082112	-11.055	124.69E-6
	-1.00000	30.00000	-8.50000	-8.3756	-8.9310	-0.28793	-17.413	190.91E-6
	0.00000	30.00000	-8.50000	-9.6646	-8.9310	-1.1067	-29.639	303.61E-6
	1.00000	30.00000	-8.50000	-10.954	-8.9310	-1.9257	-41.868	416.33E-6
	2.00000	30.00000	-8.50000	-12.057	-8.9310	-2.1314	-48.229	482.60E-6
	3.00000	30.00000	-8.50000	-12.974	-8.9310	-2.1817	-51.513	518.74E-6
	4.00000	30.00000	-8.50000	-13.748	-8.9310	-2.1983	-53.444	540.44E-6
	5.00000	30.00000	-8.50000	-14.410	-8.9310	-2.2052	-54.702	554.71E-6
	6.00000	30.00000	-8.50000	-14.984	-8.9310	-2.2086	-55.582	564.75E-6
	7.00000	30.00000	-8.50000	-15.487	-8.9310	-2.2104	-56.232	572.19E-6
	8.00000	30.00000	-8.50000	-15.932	-8.9310	-2.2114	-56.734	577.94E-6
	9.00000	30.00000	-8.50000	-16.328	-8.9310	-2.2121	-57.136	582.55E-6
	10.00000	30.00000	-8.50000	-16.683	-8.9310	-2.2126	-57.469	586.38E-6
	11.00000	30.00000	-8.50000	-17.004	-8.9310	-2.2130	-57.758	589.70E-6
	12.00000	30.00000	-8.50000	-17.298	-8.9310	-2.2133	-58.021	592.72E-6
	13.00000	30.00000	-8.50000	-17.571	-8.9310	-2.2137	-58.275	595.64E-6
	14.00000	30.00000	-8.50000	-17.828	-8.9310	-2.2142	-58.543	598.71E-6
	15.00000	30.00000	-8.50000	-18.079	-8.9310	-2.2150	-58.855	602.29E-6
	16.00000	30.00000	-8.50000	-18.333	-8.9310	-2.2166	-59.265	606.95E-6
	17.00000	30.00000	-8.50000	-18.605	-8.9310	-2.2201	-59.874	613.86E-6
	18.00000	30.00000	-8.50000	-18.921	-8.9310	-2.2293	-60.915	625.55E-6
	19.00000	30.00000	-8.50000	-19.325	-8.9310	-2.2604	-63.014	648.69E-6
	20.00000	30.00000	-8.50000	-19.912	-8.9310	-2.4143	-68.355	704.98E-6
	21.00000	30.00000	-8.50000	-20.927	-8.9310	-4.0568	-88.811	884.11E-6
	22.00000	30.00000	-8.50000	-24.043	-8.9310	-80.945	-250.55	89.012E-6
	23.00000	30.00000	-8.50000	-27.127	-8.9310	-157.83	-412.27	-706.37E-6
	24.00000	30.00000	-8.50000	-28.045	-8.9310	-159.48	-432.65	-528.09E-6
	25.00000	30.00000	-8.50000	-28.469	-8.9310	-159.63	-437.86	-473.28E-6
	26.00000	30.00000	-8.50000	-28.641	-8.9310	-159.66	-439.77	-452.30E-6
	27.00000	30.00000	-8.50000	-28.651	-8.9310	-159.67	-440.56	-443.59E-6
	28.00000	30.00000	-8.50000	-28.539	-8.9310	-159.67	-440.82	-440.64E-6
	29.00000	30.00000	-8.50000	-28.322	-8.9310	-159.67	-440.78	-441.18E-6
	30.00000	30.00000	-8.50000	-28.004	-8.9310	-159.67	-440.49	-444.48E-6
	31.00000	30.00000	-8.50000	-27.582	-8.9310	-159.67	-439.95	-450.63E-6
	32.00000	30.00000	-8.50000	-27.043	-8.9310	-159.67	-439.10	-460.40E-6
	33.00000	30.00000	-8.50000	-26.366	-8.9310	-159.66	-437.76	-475.64E-6
	34.00000	30.00000	-8.50000	-25.512	-8.9310	-159.65	-435.56	-500.41E-6
	35.00000	30.00000	-8.50000	-24.417	-8.9310	-159.60	-431.60	-544.50E-6
	36.00000	30.00000	-8.50000	-22.953	-8.9310	-159.39	-423.00	-636.54E-6
	37.00000	30.00000	-8.50000	-20.837	-8.9310	-157.55	-396.19	-881.91E-6
	38.00000	30.00000	-8.50000	-16.394	-8.9310	-79.839	-222.19	-199.86E-6
	39.00000	30.00000	-8.50000	-11.944	-8.9310	-2.1314	-48.189	482.13E-6
	40.00000	30.00000	-8.50000	-9.8068	-8.9310	-0.28316	-21.357	236.57E-6
	41.00000	30.00000	-8.50000	-8.3073	-8.9310	-0.078907	-12.736	144.19E-6
	42.00000	30.00000	-8.50000	-7.1599	-8.9310	-0.031233	-8.7275	99.598E-6
	43.00000	30.00000	-8.50000	-6.2372	-8.9310	-0.011517	-6.4706	74.119E-6
	44.00000	30.00000	-8.50000	-5.4716	-8.9310	-0.0083931	-5.0433	57.888E-6
	45.00000	30.00000	-8.50000	-4.8226	-8.9310	-0.0050940	-4.0683	46.755E-6
	46.00000	30.00000	-8.50000	-4.2638	-8.9310	-0.0033061	-3.3649	38.702E-6
	47.00000	30.00000	-8.50000	-3.7771	-8.9310	-0.0022578	-2.8364	32.642E-6
	48.00000	30.00000	-8.50000	-3.3493	-8.9310	-0.0016047	-2.4268	27.939E-6
	49.00000	30.00000	-8.50000	-2.9706	-8.9310	-0.001176	-2.1015	24.202E-6
	50.00000	30.00000	-8.50000	-2.6335	-8.9310	-887.11E-6	-1.8380	21.172E-6
	51.00000	30.00000	-8.50000	-2.3319	-8.9310	-683.00E-6	-1.6209	18.675E-6
	52.00000	30.00000	-8.50000	-2.0612	-8.9310	-535.62E-6	-1.4398	16.590E-6
	53.00000	30.00000	-8.50000	-1.8174	-8.9310	-426.71E-6	-1.2868	14.829E-6
	54.00000	30.00000	-8.50000	-1.5972	-8.9310	-344.60E-6	-1.1563	13.326E-6
	55.00000	30.00000	-8.50000	-1.3980	-8.9310	-281.62E-6	-1.0440	12.033E-6
	56.00000	30.00000	-8.50000	-1.2174	-8.9310	-232.56E-6	-0.94662	10.912E-6
	57.00000	30.00000	-8.50000	-1.0535	-8.9310	-193.84E-6	-0.86165	9.9331E-6
	58.00000	30.00000	-8.50000	-0.90444	-8.9310	-162.91E-6	-0.78704	9.0735E-6
	59.00000	30.00000	-8.50000	-0.76886	-8.9310	-137.94E-6	-0.72119	8.3147E-6
	60.00000	30.00000	-8.50000	-0.64543	-8.9310	-117.58E-6	-0.66277	7.6416E-6
	-20.00000	31.00000	-8.50000	-0.62211	-8.9310	-122.46E-6	-0.65882	7.5958E-6
	-19.00000	31.00000	-8.50000	-0.74207	-8.9310	-144.31E-6	-0.71706	8.2668E-6
	-18.00000	31.00000	-8.50000	-0.87366	-8.9310	-171.30E-6	-0.78275	9.0237E-6
	-17.00000	31.00000	-8.50000	-1.0181	-8.9310	-204.98E-6	-0.85723	9.8817E-6
	-16.00000	31.00000	-8.50000	-1.1767	-8.9310	-247.47E-6	-0.94212	10.859E-6
	-15.00000	31.00000	-8.50000	-1.3510	-8.9310	-301.77E-6	-1.0395	11.981E-6
	-14.00000	31.00000	-8.50000	-1.5429	-8.9310	-372.15E-6	-1.1518	13.274E-6
	-13.00000	31.00000	-8.50000	-1.7544	-8.9310	-464.83E-6	-1.2825	14.779E-6
	-12.00000	31.00000	-8.50000	-1.9878	-8.9310	-589.11E-6	-1.4358	16.543E-6
	-11.00000	31.00000	-8.50000	-2.2458	-8.9310	-759.32E-6	-1.6174	18.631E-6
	-10.00000	31.00000	-8.50000	-2.5319	-8.9310	-998.15E-6	-1.8348	21.132E-6
	-9.00000	31.00000	-8.50000	-2.8498	-8.9310	-0.0013430	-2.0987	24.164E-6
	-8.00000	31.00000	-8.50000	-3.2041	-8.9310	-0.0018579	-2.4239	27.897E-6
	-7.00000	31.00000	-8.50000	-3.6004	-8.9310	-0.0026588	-2.8319	32.576E-6
	-6.00000	31.00000	-8.50000	-4.0455	-8.9310	-0.0039677	-3.3553	38.568E-6
	-5.00000	31.00000	-8.50000	-4.5475	-8.9310	-0.0062404	-4.0448	46.444E-6
	-4.00000	31.00000	-8.50000	-5.1162	-8.9310	-0.010490	-4.9830	57.120E-6
	-3.00000	31.00000	-8.50000	-5.7629	-8.9310	-0.019160	-6.3074	72.098E-6
	-2.00000	31.00000	-8.50000	-6.4983	-8.9310	-0.039441	-8.2437	93.767E-6
	-1.00000	31.00000	-8.50000	-7.3249	-8.9310	-0.082130	-11.084	125.02E-6
	0.00000	31.00000	-8.50000	-8.2179	-8.9310	-0.16080	-14.824	165.44E-6
	1.00000	31.00000	-8.50000	-9.1113	-8.9310	-0.23947	-18.565	205.88E-6
	2.00000	31.00000	-8.50000	-9.9393	-8.9310	-0.28316	-21.409	237.17E-6
	3.00000	31.00000	-8.50000	-10.677	-8.9310	-0.30245	-23.351	258.90E-6
	4.00000	31.00000	-8.50000	-11.327	-8.9310	-0.31113	-24.683	273.97E-6
	5.00000	31.00000	-8.50000	-11.899	-8.9310	-0.31539	-25.632	284.77E-6
	6.00000	31.00000	-8.50000	-12.406	-8.9310	-0.31769	-26.334	292.79E-6
	7.00000	31.00000	-8.50000	-12.857	-8.9310	-0.31902	-26.874	298.97E-6
	8.00000	31.00000	-8.50000	-13.259	-8.9310	-0.31985	-27.302	303.89E-6
	9.00000	31.00000	-8.50000	-13.622	-8.9310	-0.32041	-27.654	307.92E-6
	10.00000	31.00000	-8.50000	-13.949	-8.9310	-0.32081	-27.951	311.33E-6
	11.00000	31.00000	-8.50000	-14.248	-8.9310	-0.32114	-28.213

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	39.00000	31.00000	-8.50000	-10.870	-8.9310	-1.9257	-41.842	416.03E-6
	40.00000	31.00000	-8.50000	-9.0079	-8.9310	-0.23947	-18.528	205.44E-6
	41.00000	31.00000	-8.50000	-7.6881	-8.9310	-0.066268	-11.248	127.46E-6
	42.00000	31.00000	-8.50000	-6.6642	-8.9310	-0.026536	-7.8384	89.504E-6
	43.00000	31.00000	-8.50000	-5.8312	-8.9310	-0.013072	-5.8899	67.492E-6
	44.00000	31.00000	-8.50000	-5.1332	-8.9310	-0.0073415	-4.6396	53.267E-6
	45.00000	31.00000	-8.50000	-4.5368	-8.9310	-0.0045112	-3.7744	43.385E-6
	46.00000	31.00000	-8.50000	-4.0200	-8.9310	-0.0029590	-3.1435	36.160E-6
	47.00000	31.00000	-8.50000	-3.5675	-8.9310	-0.0020392	-2.6650	30.673E-6
	48.00000	31.00000	-8.50000	-3.1678	-8.9310	-0.0014607	-2.2914	26.382E-6
	49.00000	31.00000	-8.50000	-2.8127	-8.9310	-0.0010792	-1.9926	22.948E-6
	50.00000	31.00000	-8.50000	-2.4954	-8.9310	-817.81E-6	-1.7491	20.149E-6
	51.00000	31.00000	-8.50000	-2.2108	-8.9310	-632.95E-6	-1.5476	17.830E-6
	52.00000	31.00000	-8.50000	-1.9546	-8.9310	-498.68E-6	-1.3785	15.885E-6
	53.00000	31.00000	-8.50000	-1.7233	-8.9310	-398.94E-6	-1.2352	14.236E-6
	54.00000	31.00000	-8.50000	-1.5140	-8.9310	-323.39E-6	-1.1125	12.823E-6
	55.00000	31.00000	-8.50000	-1.3243	-8.9310	-265.18E-6	-1.0066	11.603E-6
	56.00000	31.00000	-8.50000	-1.1520	-8.9310	-219.67E-6	-0.91453	10.542E-6
	57.00000	31.00000	-8.50000	-0.99527	-8.9310	-183.62E-6	-0.83392	9.6136E-6
	58.00000	31.00000	-8.50000	-0.85265	-8.9310	-154.73E-6	-0.76297	8.7961E-6
	59.00000	31.00000	-8.50000	-0.72272	-8.9310	-131.33E-6	-0.70019	8.0727E-6
	60.00000	31.00000	-8.50000	-0.60429	-8.9310	-112.20E-6	-0.64438	7.4295E-6
	-20.00000	32.00000	-8.50000	-0.57485	-8.9310	-115.19E-6	-0.63690	7.3431E-6
	-19.00000	32.00000	-8.50000	-0.68891	-8.9310	-135.20E-6	-0.69181	7.9758E-6
	-18.00000	32.00000	-8.50000	-0.81378	-8.9310	-159.78E-6	-0.75352	8.6869E-6
	-17.00000	32.00000	-8.50000	-0.95053	-8.9310	-190.24E-6	-0.82319	9.4896E-6
	-16.00000	32.00000	-8.50000	-1.1004	-8.9310	-228.38E-6	-0.90223	10.400E-6
	-15.00000	32.00000	-8.50000	-1.2646	-8.9310	-276.69E-6	-0.99239	11.438E-6
	-14.00000	32.00000	-8.50000	-1.4448	-8.9310	-338.68E-6	-1.0958	12.630E-6
	-13.00000	32.00000	-8.50000	-1.6427	-8.9310	-419.36E-6	-1.2153	14.005E-6
	-12.00000	32.00000	-8.50000	-1.8603	-8.9310	-526.08E-6	-1.3543	15.605E-6
	-11.00000	32.00000	-8.50000	-2.0998	-8.9310	-669.84E-6	-1.5177	17.481E-6
	-10.00000	32.00000	-8.50000	-2.3638	-8.9310	-867.56E-6	-1.7104	19.701E-6
	-9.00000	32.00000	-8.50000	-2.6554	-8.9310	-0.0011460	-1.9414	22.356E-6
	-8.00000	32.00000	-8.50000	-2.9778	-8.9310	-0.0015492	-2.2211	25.569E-6
	-7.00000	32.00000	-8.50000	-3.3352	-8.9310	-0.0021513	-2.5645	29.508E-6
	-6.00000	32.00000	-8.50000	-3.7319	-8.9310	-0.0030836	-2.9923	34.411E-6
	-5.00000	32.00000	-8.50000	-4.1728	-8.9310	-0.0045855	-3.5342	40.611E-6
	-4.00000	32.00000	-8.50000	-4.6630	-8.9310	-0.0071071	-4.2322	48.576E-6
	-3.00000	32.00000	-8.50000	-5.2066	-8.9310	-0.011491	-5.1427	58.927E-6
	-2.00000	32.00000	-8.50000	-5.8049	-8.9310	-0.019173	-6.3301	72.359E-6
	-1.00000	32.00000	-8.50000	-6.4520	-8.9310	-0.031815	-7.8295	89.218E-6
	0.00000	32.00000	-8.50000	-7.1296	-8.9310	-0.049044	-9.5616	108.60E-6
	1.00000	32.00000	-8.50000	-7.8076	-8.9310	-0.066274	-11.295	128.00E-6
	2.00000	32.00000	-8.50000	-8.4557	-8.9310	-0.078919	-12.797	144.89E-6
	3.00000	32.00000	-8.50000	-9.0558	-8.9310	-0.086607	-13.989	158.38E-6
	4.00000	32.00000	-8.50000	-9.6018	-8.9310	-0.091000	-14.906	168.81E-6
	5.00000	32.00000	-8.50000	-10.095	-8.9310	-0.093533	-15.613	176.88E-6
	6.00000	32.00000	-8.50000	-10.540	-8.9310	-0.095051	-16.167	183.21E-6
	7.00000	32.00000	-8.50000	-10.941	-8.9310	-0.096005	-16.610	188.28E-6
	8.00000	32.00000	-8.50000	-11.304	-8.9310	-0.096635	-16.972	192.44E-6
	9.00000	32.00000	-8.50000	-11.634	-8.9310	-0.097078	-17.276	195.93E-6
	10.00000	32.00000	-8.50000	-11.935	-8.9310	-0.097414	-17.538	198.95E-6
	11.00000	32.00000	-8.50000	-12.211	-8.9310	-0.097697	-17.774	201.65E-6
	12.00000	32.00000	-8.50000	-12.467	-8.9310	-0.097973	-17.995	204.20E-6
	13.00000	32.00000	-8.50000	-12.708	-8.9310	-0.098296	-18.217	206.74E-6
	14.00000	32.00000	-8.50000	-12.939	-8.9310	-0.098749	-18.456	209.49E-6
	15.00000	32.00000	-8.50000	-13.167	-8.9310	-0.099495	-18.741	212.75E-6
	16.00000	32.00000	-8.50000	-13.401	-8.9310	-0.10090	-19.116	217.03E-6
	17.00000	32.00000	-8.50000	-13.653	-8.9310	-0.10395	-19.670	223.32E-6
	18.00000	32.00000	-8.50000	-13.945	-8.9310	-0.11160	-20.592	233.68E-6
	19.00000	32.00000	-8.50000	-14.312	-8.9310	-0.13539	-22.355	253.20E-6
	20.00000	32.00000	-8.50000	-14.822	-8.9310	-0.23947	-26.438	296.70E-6
	21.00000	32.00000	-8.50000	-15.625	-8.9310	-1.1728	-39.752	417.98E-6
	22.00000	32.00000	-8.50000	-17.563	-8.9310	-40.049	-126.85	77.360E-6
	23.00000	32.00000	-8.50000	-19.473	-8.9310	-78.924	-213.93	-263.50E-6
	24.00000	32.00000	-8.50000	-20.191	-8.9310	-79.858	-227.18	-142.94E-6
	25.00000	32.00000	-8.50000	-20.559	-8.9310	-79.962	-231.16	-100.68E-6
	26.00000	32.00000	-8.50000	-20.724	-8.9310	-79.985	-232.76	-82.982E-6
	27.00000	32.00000	-8.50000	-20.752	-8.9310	-79.993	-233.47	-75.091E-6
	28.00000	32.00000	-8.50000	-20.673	-8.9310	-79.995	-233.74	-72.070E-6
	29.00000	32.00000	-8.50000	-20.503	-8.9310	-79.996	-233.74	-72.038E-6
	30.00000	32.00000	-8.50000	-20.247	-8.9310	-79.996	-233.55	-74.312E-6
	31.00000	32.00000	-8.50000	-19.905	-8.9310	-79.995	-233.15	-78.839E-6
	32.00000	32.00000	-8.50000	-19.469	-8.9310	-79.993	-232.52	-86.070E-6
	33.00000	32.00000	-8.50000	-18.927	-8.9310	-79.989	-231.55	-97.140E-6
	34.00000	32.00000	-8.50000	-18.256	-8.9310	-79.979	-230.01	-114.48E-6
	35.00000	32.00000	-8.50000	-17.420	-8.9310	-79.951	-227.39	-143.71E-6
	36.00000	32.00000	-8.50000	-16.350	-8.9310	-79.839	-222.15	-200.33E-6
	37.00000	32.00000	-8.50000	-14.904	-8.9310	-78.893	-207.34	-338.45E-6
	38.00000	32.00000	-8.50000	-12.258	-8.9310	-40.000	-118.49	-17.467E-6
	39.00000	32.00000	-8.50000	-9.6057	-8.9310	-1.1068	-29.626	303.45E-6
	40.00000	32.00000	-8.50000	-8.1397	-8.9310	-0.16080	-14.799	165.15E-6
	41.00000	32.00000	-8.50000	-7.0353	-8.9310	-0.049042	-9.5271	108.20E-6
	42.00000	32.00000	-8.50000	-6.1490	-8.9310	-0.020872	-6.8661	78.483E-6
	43.00000	32.00000	-8.50000	-5.4120	-8.9310	-0.010710	-5.2725	60.452E-6
	44.00000	32.00000	-8.50000	-4.7852	-8.9310	-0.0061925	-4.2169	48.431E-6
	45.00000	32.00000	-8.50000	-4.2436	-8.9310	-0.0038884	-3.4697	39.891E-6
	46.00000	32.00000	-8.50000	-3.7703	-8.9310	-0.0025935	-2.9152	33.539E-6
	47.00000	32.00000	-8.50000	-3.3528	-8.9310	-0.0018113	-2.4890	28.650E-6
	48.00000	32.00000	-8.50000	-2.9821	-8.9310	-0.0013116	-2.1525	24.786E-6
	49.00000	32.00000	-8.50000	-2.6510	-8.9310	-977.83E-6	-1.8811	21.666E-6
	50.00000	32.00000	-8.50000	-2.3541	-8.9310	-746.67E-6	-1.6582	19.102E-6
	51.00000	32.00000	-8.50000	-2.0868	-8.9310	-581.69E-6	-1.4725	16.966E-6
	52.00000	32.00000	-8.50000	-1.8454	-8.9310	-460.92E-6	-1.3159	15.164E-6
	53.00000	32.00000	-8.50000	-1.6269	-8.9310	-370.59E-6	-1.1825	13.628E-6
	54.00000	32.00000	-8.50000	-1.4287	-8.9310	-301.74E-6	-1.0678	12.307E-6
	55.00000	32.00000	-8.50000	-1.2486	-8.9310	-248.42E-6	-0.96837	11.162E-6
	56.00000	32.00000	-8.50000	-1.0847	-8.9310	-206.53E-6	-0.88163	10.163E-6
	57.00000	32.00000	-8.50000	-0.93545	-8.9310	-173.20E-6	-0.80547	9.2857E-6
	58.00000	32.00000	-8.50000	-0.79937	-8.9310	-146.38E-6	-0.73824	8.5110E-6
	59.00000	32.00000	-8.50000	-0.67523	-8.9310	-124.58E-6	-0.67859	7.8238E-6
	60.00000	32.00000	-8.50000	-0.56192	-8.9310	-106.71E-6	-0.62544	7.2113E-6
	-20.00000	33.00000	-8.50000	-0.52685	-8.9310	-107.96E-6	-0.61471	7.0874E-6
	-19.00000	33.00000	-8.50000	-0.63498	-8.9310	-126.19E-6	-0.66631	7.6821E-6
	-18.00000	33.00000	-8.50000	-0.75312	-8.9310	-148.42E-6	-0.72408	8.3477E-6
	-17.00000	33.00000	-8.50000	-0.88221	-8.9310	-175.77E-6	-0.78902	9.0959E-6
	-16.00000	33.00000	-8.50000	-1.0233	-8.9310	-209.74E-6	-0.86233	9.9403E-6
	-15.00000	33.00000	-8.50000	-1.1775	-8.9310	-252.37E-6	-0.94547	10.898E-6
	-14.00000	33.00000	-8.50000	-1.3462	-8.9310	-306.47E-6	-1.0403	11.990E-6
	-13.00000	33.00000	-8.50000	-1.5308	-8.9310	-375.99E-6	-1.1489	13.241E-6
	-12.00000	33.00000	-8.50000	-1.7329	-8.9310	-466.58E-6	-1.2743	14.684E-6
	-11.00000	33.00000	-8.50000	-1.9543	-8.9310	-586.46E-6	-1.4199	16.359E-6
	-10.00000	33.00000	-8.50000	-2.1970	-8.9310	-747.84E-6	-1.5902	18.319E-6
	-9.00000	33.00000	-8.50000	-2.4633	-8.9310	-969.21E-6	-1.7911	20.628E-6
	-8.00000	33.00000	-8.50000	-2.7557	-8.9310	-0.0012793	-2.0301	23.374E-6
	-7.00000	33.00000	-8.50000	-3.0767	-8.9310	-0.0017234	-2.3170	26.669E-6
	-6.00000	33.00000	-8.50000	-3.4292	-8.9310	-0.0023746	-2.6646	30.656E-6
	-5.00000	33.00000	-8.50000	-3.8158	-8.9310	-0.0033508	-3.0892	35.520E-6
	-4.00000	33.00000	-8.50000	-4.2386	-8.9310	-0.0048392	-3.6107	41.485E-6
	-3.00000	33.00000	-8.50000	-4.6984	-8.9310	-0.0071157	-4.2503	48.784E-6
	-2.00000	33.00000	-8.50000	-5.1932	-8.9310	-0.010511	-5.0234	57.586E-6
	-1.00000	33.00000	-8.50000	-5.7166	-8.9310	-0.015211	-5.9243	67.815E-6
	0.00000	33.00000	-8.50000	-6.2566	-8.9310	-0.020878	-6.9078	78.964E-6
	1.00000	33.00000	-8.50000	-6.7969	-8.9310	-0.026547	-7.8921	90.123E-6
	2.00000	33.00000	-8.50000	-7.3211	-8.9310	-0.031250	-8.7953	100.38E-6
	3.00000	33.00000	-8.50000	-7.8172	-8.9310	-0.034650	-9.5725	109.23E-6
	4.00000	33.00000	-8.50000	-8.2788	-8.9310	-0.036934	-10.218	116.59E-6
	5.00000	33.00000	-8.50000	-8.7040	-8.9310	-0.038433	-10.747	122.65E-6
	6.00000	33.00000	-8.50000	-9.0937	-8.9310	-0.039423	-11.182	127.63E-6
	7.00000	33.00000	-8.50000	-9.4500	-8.9310	-0.040094	-11.543	131.77E-6
	8.00000	33.00000	-8.50000	-9.7760	-8.9310	-0.040564	-11.847	135.27E-6
	9.00000	33.00000	-8.50000	-10.075	-8.9310	-0.040911	-12.109	138.27E-6
	10.00000	33.00000	-8.50000	-10.349	-8.9310	-0.041185	-12.339	140.92E-6
	11.00000	33.00000	-8.50000	-10.604	-8.9310	-0.041424	-12.549	143.33E-6
	12.00000	33.00000	-8.50000	-10.841	-8.9310	-0.041665	-12.749	145.63E-6
	13.00000	33.00000	-8.50000	-11.064	-8.9310	-0.041951	-12.950	147.94E-6
	14.00000	33.00000	-8.50000	-11.280	-8.9310	-0.042349	-13.169	150.45E-6
	15.00000	33.00000	-8.50000	-11.492	-8.9310	-0.042988	-13.426	153.39E-6
	16.00000	33.00000	-8.50000	-11.709	-8.9310	-0.044148	-13.759	157.19E-6
	17.00000	33.00000	-8.50000	-11.940	-8.9310	-0.046500	-14.232	162.57E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	18.00000	33.00000	-8.50000	-12.200	-8.9310	-0.051884	-14.973	170.93E-6
	19.00000	33.00000	-8.50000	-12.513	-8.9310	-0.066221	-16.258	185.26E-6
	20.00000	33.00000	-8.50000	-12.911	-8.9310	-0.11315	-18.748	212.36E-6
	21.00000	33.00000	-8.50000	-13.443	-8.9310	-0.31414	-24.175	268.01E-6
	22.00000	33.00000	-8.50000	-14.121	-8.9310	-1.1274	-35.371	369.02E-6
	23.00000	33.00000	-8.50000	-14.774	-8.9310	-1.9406	-46.549	469.82E-6
	24.00000	33.00000	-8.50000	-15.228	-8.9310	-2.1415	-51.918	524.81E-6
	25.00000	33.00000	-8.50000	-15.495	-8.9310	-2.1883	-54.311	550.79E-6
	26.00000	33.00000	-8.50000	-15.621	-8.9310	-2.2025	-55.453	563.47E-6
	27.00000	33.00000	-8.50000	-15.637	-8.9310	-2.2077	-56.001	569.61E-6
	28.00000	33.00000	-8.50000	-15.564	-8.9310	-2.2098	-56.220	572.07E-6
	29.00000	33.00000	-8.50000	-15.411	-8.9310	-2.2105	-56.225	572.10E-6
	30.00000	33.00000	-8.50000	-15.182	-8.9310	-2.2104	-56.059	570.19E-6
	31.00000	33.00000	-8.50000	-14.877	-8.9310	-2.2097	-55.729	566.41E-6
	32.00000	33.00000	-8.50000	-14.491	-8.9310	-2.2082	-55.207	560.44E-6
	33.00000	33.00000	-8.50000	-14.017	-8.9310	-2.2050	-54.425	551.52E-6
	34.00000	33.00000	-8.50000	-13.440	-8.9310	-2.1982	-53.243	538.13E-6
	35.00000	33.00000	-8.50000	-12.740	-8.9310	-2.1816	-51.372	517.11E-6
	36.00000	33.00000	-8.50000	-11.884	-8.9310	-2.1313	-48.135	481.52E-6
	37.00000	33.00000	-8.50000	-10.835	-8.9310	-1.9256	-41.811	415.68E-6
	38.00000	33.00000	-8.50000	-9.5896	-8.9310	-1.1067	-29.612	303.30E-6
	39.00000	33.00000	-8.50000	-8.3380	-8.9310	-0.28785	-17.408	190.86E-6
	40.00000	33.00000	-8.50000	-7.2684	-8.9310	-0.082139	-11.069	124.84E-6
	41.00000	33.00000	-8.50000	-6.3795	-8.9310	-0.031816	-7.8050	88.935E-6
	42.00000	33.00000	-8.50000	-5.6308	-8.9310	-0.015208	-5.8926	67.449E-6
	43.00000	33.00000	-8.50000	-4.9900	-8.9310	-0.0083488	-4.6540	53.398E-6
	44.00000	33.00000	-8.50000	-4.4345	-8.9310	-0.0050433	-3.7932	43.583E-6
	45.00000	33.00000	-8.50000	-3.9478	-8.9310	-0.0032654	-3.1639	36.385E-6
	46.00000	33.00000	-8.50000	-3.5179	-8.9310	-0.0022279	-2.6859	30.907E-6
	47.00000	33.00000	-8.50000	-3.1357	-8.9310	-0.0015832	-2.3120	26.616E-6
	48.00000	33.00000	-8.50000	-2.7940	-8.9310	-0.0011623	-2.0128	23.179E-6
	49.00000	33.00000	-8.50000	-2.4872	-8.9310	-876.29E-6	-1.7687	20.373E-6
	50.00000	33.00000	-8.50000	-2.2107	-8.9310	-675.38E-6	-1.5664	18.047E-6
	51.00000	33.00000	-8.50000	-1.9608	-8.9310	-530.30E-6	-1.3967	16.093E-6
	52.00000	33.00000	-8.50000	-1.7344	-8.9310	-423.03E-6	-1.2526	14.435E-6
	53.00000	33.00000	-8.50000	-1.5288	-8.9310	-342.11E-6	-1.1291	13.013E-6
	54.00000	33.00000	-8.50000	-1.3418	-8.9310	-279.99E-6	-1.0224	11.784E-6
	55.00000	33.00000	-8.50000	-1.1714	-8.9310	-231.56E-6	-0.92952	10.715E-6
	56.00000	33.00000	-8.50000	-1.0161	-8.9310	-193.29E-6	-0.84817	9.7776E-6
	57.00000	33.00000	-8.50000	-0.87440	-8.9310	-162.69E-6	-0.77650	8.9519E-6
	58.00000	33.00000	-8.50000	-0.74496	-8.9310	-137.96E-6	-0.71302	8.2205E-6
	59.00000	33.00000	-8.50000	-0.62669	-8.9310	-117.77E-6	-0.65655	7.5697E-6
	60.00000	33.00000	-8.50000	-0.51859	-8.9310	-101.15E-6	-0.60609	6.9882E-6
	-20.00000	34.00000	-8.50000	-0.47842	-8.9310	-100.85E-6	-0.59242	6.8305E-6
	-19.00000	34.00000	-8.50000	-0.58064	-8.9310	-117.36E-6	-0.64077	7.3877E-6
	-18.00000	34.00000	-8.50000	-0.69209	-8.9310	-137.35E-6	-0.69468	8.0090E-6
	-17.00000	34.00000	-8.50000	-0.81360	-8.9310	-161.76E-6	-0.75501	8.7040E-6
	-16.00000	34.00000	-8.50000	-0.94605	-8.9310	-191.81E-6	-0.82276	9.4845E-6
	-15.00000	34.00000	-8.50000	-1.0904	-8.9310	-229.15E-6	-0.89916	10.365E-6
	-14.00000	34.00000	-8.50000	-1.2478	-8.9310	-275.98E-6	-0.98569	11.361E-6
	-13.00000	34.00000	-8.50000	-1.4195	-8.9310	-335.37E-6	-1.0841	12.495E-6
	-12.00000	34.00000	-8.50000	-1.6066	-8.9310	-411.55E-6	-1.1967	13.791E-6
	-11.00000	34.00000	-8.50000	-1.8106	-8.9310	-510.52E-6	-1.3262	15.281E-6
	-10.00000	34.00000	-8.50000	-2.0331	-8.9310	-640.82E-6	-1.4758	17.002E-6
	-9.00000	34.00000	-8.50000	-2.2756	-8.9310	-814.85E-6	-1.6497	19.003E-6
	-8.00000	34.00000	-8.50000	-2.5400	-8.9310	-0.0010507	-1.8531	21.341E-6
	-7.00000	34.00000	-8.50000	-2.8278	-8.9310	-0.0013751	-2.0923	24.088E-6
	-6.00000	34.00000	-8.50000	-3.1407	-8.9310	-0.0018270	-2.3746	27.330E-6
	-5.00000	34.00000	-8.50000	-3.4798	-8.9310	-0.0024624	-2.7088	31.163E-6
	-4.00000	34.00000	-8.50000	-3.8458	-8.9310	-0.0033569	-3.1038	35.688E-6
	-3.00000	34.00000	-8.50000	-4.2378	-8.9310	-0.0045999	-3.5666	40.985E-6
	-2.00000	34.00000	-8.50000	-4.6532	-8.9310	-0.0062663	-4.0989	47.067E-6
	-1.00000	34.00000	-8.50000	-5.0868	-8.9310	-0.0083545	-4.6913	53.829E-6
	0.00000	34.00000	-8.50000	-5.5304	-8.9310	-0.010720	-5.3198	60.997E-6
	1.00000	34.00000	-8.50000	-5.9743	-8.9310	-0.013086	-5.9489	68.172E-6
	2.00000	34.00000	-8.50000	-6.4084	-8.9310	-0.015176	-6.5434	74.958E-6
	3.00000	34.00000	-8.50000	-6.8248	-8.9310	-0.016847	-7.0792	81.081E-6
	4.00000	34.00000	-8.50000	-7.2182	-8.9310	-0.018097	-7.5472	86.436E-6
	5.00000	34.00000	-8.50000	-7.5860	-8.9310	-0.019001	-7.9491	91.042E-6
	6.00000	34.00000	-8.50000	-7.9276	-8.9310	-0.019649	-8.2925	94.981E-6
	7.00000	34.00000	-8.50000	-8.2436	-8.9310	-0.020118	-8.5868	98.360E-6
	8.00000	34.00000	-8.50000	-8.5355	-8.9310	-0.020466	-8.8415	101.29E-6
	9.00000	34.00000	-8.50000	-8.8053	-8.9310	-0.020735	-9.0652	103.86E-6
	10.00000	34.00000	-8.50000	-9.0552	-8.9310	-0.020957	-9.2659	106.16E-6
	11.00000	34.00000	-8.50000	-9.2877	-8.9310	-0.021157	-9.4515	108.30E-6
	12.00000	34.00000	-8.50000	-9.5056	-8.9310	-0.021362	-9.6299	110.35E-6
	13.00000	34.00000	-8.50000	-9.7120	-8.9310	-0.021606	-9.8104	112.42E-6
	14.00000	34.00000	-8.50000	-9.9105	-8.9310	-0.021940	-10.005	114.66E-6
	15.00000	34.00000	-8.50000	-10.106	-8.9310	-0.022457	-10.231	117.24E-6
	16.00000	34.00000	-8.50000	-10.303	-8.9310	-0.023343	-10.514	120.48E-6
	17.00000	34.00000	-8.50000	-10.509	-8.9310	-0.024999	-10.897	124.84E-6
	18.00000	34.00000	-8.50000	-10.734	-8.9310	-0.028364	-11.455	131.16E-6
	19.00000	34.00000	-8.50000	-10.989	-8.9310	-0.035792	-12.317	140.85E-6
	20.00000	34.00000	-8.50000	-11.288	-8.9310	-0.053399	-13.707	156.28E-6
	21.00000	34.00000	-8.50000	-11.637	-8.9310	-0.094981	-15.927	180.44E-6
	22.00000	34.00000	-8.50000	-12.019	-8.9310	-0.17125	-18.995	213.19E-6
	23.00000	34.00000	-8.50000	-12.377	-8.9310	-0.24751	-22.045	245.74E-6
	24.00000	34.00000	-8.50000	-12.654	-8.9310	-0.28905	-24.213	269.32E-6
	25.00000	34.00000	-8.50000	-12.832	-8.9310	-0.30658	-25.516	283.74E-6
	26.00000	34.00000	-8.50000	-12.916	-8.9310	-0.31389	-26.250	291.96E-6
	27.00000	34.00000	-8.50000	-12.917	-8.9310	-0.31708	-26.635	296.29E-6
	28.00000	34.00000	-8.50000	-12.845	-8.9310	-0.31848	-26.794	298.07E-6
	29.00000	34.00000	-8.50000	-12.705	-8.9310	-0.31900	-26.789	298.00E-6
	30.00000	34.00000	-8.50000	-12.500	-8.9310	-0.31896	-26.649	296.38E-6
	31.00000	34.00000	-8.50000	-12.230	-8.9310	-0.31844	-26.377	293.25E-6
	32.00000	34.00000	-8.50000	-11.892	-8.9310	-0.31731	-25.955	288.43E-6
	33.00000	34.00000	-8.50000	-11.482	-8.9310	-0.31514	-25.344	281.46E-6
	34.00000	34.00000	-8.50000	-10.992	-8.9310	-0.31097	-24.467	271.49E-6
	35.00000	34.00000	-8.50000	-10.413	-8.9310	-0.30234	-23.192	257.07E-6
	36.00000	34.00000	-8.50000	-9.7359	-8.9310	-0.28310	-21.295	235.86E-6
	37.00000	34.00000	-8.50000	-8.9599	-8.9310	-0.23943	-18.488	204.99E-6
	38.00000	34.00000	-8.50000	-8.1107	-8.9310	-0.16078	-14.776	164.88E-6
	39.00000	34.00000	-8.50000	-7.2553	-8.9310	-0.082131	-11.059	124.73E-6
	40.00000	34.00000	-8.50000	-6.4603	-8.9310	-0.038452	-8.2362	93.680E-6
	41.00000	34.00000	-8.50000	-5.7512	-8.9310	-0.019177	-6.3139	72.172E-6
	42.00000	34.00000	-8.50000	-5.1263	-8.9310	-0.010511	-5.0002	57.317E-6
	43.00000	34.00000	-8.50000	-4.5754	-8.9310	-0.0062631	-4.0700	46.734E-6
	44.00000	34.00000	-8.50000	-4.0878	-8.9310	-0.0039912	-3.3862	38.925E-6
	45.00000	34.00000	-8.50000	-3.6541	-8.9310	-0.0026820	-2.8668	32.978E-6
	46.00000	34.00000	-8.50000	-3.2666	-8.9310	-0.0018802	-2.4615	28.330E-6
	47.00000	34.00000	-8.50000	-2.9189	-8.9310	-0.

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-3.00000	35.00000	-8.50000	-3.8213	-8.9310	-0.0031017	-3.0358	34.913E-6
	-2.00000	35.00000	-8.50000	-4.1746	-8.9310	-0.0039964	-3.4196	39.310E-6
	-1.00000	35.00000	-8.50000	-4.5401	-8.9310	-0.0050512	-3.8350	44.065E-6
	0.00000	35.00000	-8.50000	-4.9121	-8.9310	-0.0062037	-4.2684	49.025E-6
	1.00000	35.00000	-8.50000	-5.2843	-8.9310	-0.0073570	-4.7025	53.992E-6
	2.00000	35.00000	-8.50000	-5.6502	-8.9310	-0.0084141	-5.1196	58.767E-6
	3.00000	35.00000	-8.50000	-6.0042	-8.9310	-0.0093127	-5.5065	63.199E-6
	4.00000	35.00000	-8.50000	-6.3422	-8.9310	-0.010035	-5.8560	67.206E-6
	5.00000	35.00000	-8.50000	-6.6618	-8.9310	-0.010597	-6.1664	70.768E-6
	6.00000	35.00000	-8.50000	-6.9617	-8.9310	-0.011027	-6.4400	73.909E-6
	7.00000	35.00000	-8.50000	-7.2419	-8.9310	-0.011357	-6.6809	76.676E-6
	8.00000	35.00000	-8.50000	-7.5029	-8.9310	-0.011615	-6.8942	79.128E-6
	9.00000	35.00000	-8.50000	-7.7460	-8.9310	-0.011823	-7.0852	81.325E-6
	10.00000	35.00000	-8.50000	-7.9725	-8.9310	-0.012000	-7.2594	83.328E-6
	11.00000	35.00000	-8.50000	-8.1844	-8.9310	-0.012166	-7.4223	85.201E-6
	12.00000	35.00000	-8.50000	-8.3836	-8.9310	-0.012337	-7.5800	87.014E-6
	13.00000	35.00000	-8.50000	-8.5725	-8.9310	-0.012540	-7.7395	88.847E-6
	14.00000	35.00000	-8.50000	-8.7539	-8.9310	-0.012810	-7.9099	90.804E-6
	15.00000	35.00000	-8.50000	-8.9311	-8.9310	-0.013209	-8.1034	93.022E-6
	16.00000	35.00000	-8.50000	-9.1079	-8.9310	-0.013851	-8.3374	95.699E-6
	17.00000	35.00000	-8.50000	-9.2890	-8.9310	-0.014949	-8.6378	99.127E-6
	18.00000	35.00000	-8.50000	-9.4795	-8.9310	-0.016925	-9.0431	103.73E-6
	19.00000	35.00000	-8.50000	-9.6848	-8.9310	-0.020592	-9.6079	110.12E-6
	20.00000	35.00000	-8.50000	-9.9084	-8.9310	-0.027371	-10.398	119.00E-6
	21.00000	35.00000	-8.50000	-10.148	-8.9310	-0.038941	-11.456	130.80E-6
	22.00000	35.00000	-8.50000	-10.390	-8.9310	-0.054990	-12.713	144.76E-6
	23.00000	35.00000	-8.50000	-10.610	-8.9310	-0.071027	-13.956	158.54E-6
	24.00000	35.00000	-8.50000	-10.783	-8.9310	-0.082560	-14.967	169.80E-6
	25.00000	35.00000	-8.50000	-10.896	-8.9310	-0.089273	-15.679	177.78E-6
	26.00000	35.00000	-8.50000	-10.945	-8.9310	-0.092839	-16.131	182.87E-6
	27.00000	35.00000	-8.50000	-10.931	-8.9310	-0.094668	-16.383	185.72E-6
	28.00000	35.00000	-8.50000	-10.859	-8.9310	-0.095557	-16.487	186.88E-6
	29.00000	35.00000	-8.50000	-10.730	-8.9310	-0.095900	-16.471	186.68E-6
	30.00000	35.00000	-8.50000	-10.546	-8.9310	-0.095865	-16.350	185.30E-6
	31.00000	35.00000	-8.50000	-10.308	-8.9310	-0.095490	-16.127	182.74E-6
	32.00000	35.00000	-8.50000	-10.013	-8.9310	-0.094702	-15.792	178.90E-6
	33.00000	35.00000	-8.50000	-9.6607	-8.9310	-0.093295	-15.323	173.53E-6
	34.00000	35.00000	-8.50000	-9.2467	-8.9310	-0.090837	-14.683	166.23E-6
	35.00000	35.00000	-8.50000	-8.7691	-8.9310	-0.086497	-13.819	156.42E-6
	36.00000	35.00000	-8.50000	-8.2280	-8.9310	-0.078847	-12.670	143.43E-6
	37.00000	35.00000	-8.50000	-7.6306	-8.9310	-0.066229	-11.202	126.94E-6
	38.00000	35.00000	-8.50000	-6.9963	-8.9310	-0.049018	-9.4973	107.86E-6
	39.00000	35.00000	-8.50000	-6.3560	-8.9310	-0.031803	-7.7877	88.736E-6
	40.00000	35.00000	-8.50000	-5.7406	-8.9310	-0.019171	-6.3064	72.085E-6
	41.00000	35.00000	-8.50000	-5.1691	-8.9310	-0.011497	-5.1333	58.818E-6
	42.00000	35.00000	-8.50000	-4.6479	-8.9310	-0.0071175	-4.2340	48.597E-6
	43.00000	35.00000	-8.50000	-4.1764	-8.9310	-0.0045987	-3.5448	40.733E-6
	44.00000	35.00000	-8.50000	-3.7509	-8.9310	-0.0030985	-3.0095	34.610E-6
	45.00000	35.00000	-8.50000	-3.3667	-8.9310	-0.0021669	-2.5866	29.764E-6
	46.00000	35.00000	-8.50000	-3.0193	-8.9310	-0.0015648	-2.2469	25.866E-6
	47.00000	35.00000	-8.50000	-2.7047	-8.9310	-0.0011613	-1.9697	22.681E-6
	48.00000	35.00000	-8.50000	-2.4191	-8.9310	-882.14E-6	-1.7402	20.044E-6
	49.00000	35.00000	-8.50000	-2.1595	-8.9310	-683.56E-6	-1.5481	17.834E-6
	50.00000	35.00000	-8.50000	-1.9231	-8.9310	-538.86E-6	-1.3853	15.962E-6
	51.00000	35.00000	-8.50000	-1.7074	-8.9310	-431.16E-6	-1.2463	14.362E-6
	52.00000	35.00000	-8.50000	-1.5105	-8.9310	-349.50E-6	-1.1264	12.982E-6
	53.00000	35.00000	-8.50000	-1.3305	-8.9310	-286.57E-6	-1.0223	11.783E-6
	54.00000	35.00000	-8.50000	-1.1658	-8.9310	-237.36E-6	-0.93132	10.735E-6
	55.00000	35.00000	-8.50000	-1.0150	-8.9310	-198.39E-6	-0.85134	9.8140E-6
	56.00000	35.00000	-8.50000	-0.87681	-8.9310	-167.16E-6	-0.78065	8.9996E-6
	57.00000	35.00000	-8.50000	-0.75018	-8.9310	-141.88E-6	-0.71786	8.2762E-6
	58.00000	35.00000	-8.50000	-0.63410	-8.9310	-121.22E-6	-0.66186	7.6309E-6
	59.00000	35.00000	-8.50000	-0.52766	-8.9310	-104.19E-6	-0.61171	7.0530E-6
	60.00000	35.00000	-8.50000	-0.43007	-8.9310	-90.048E-6	-0.56664	6.5335E-6
	-20.00000	36.00000	-8.50000	-0.38144	-8.9310	-87.263E-6	-0.54811	6.3199E-6
	-19.00000	36.00000	-8.50000	-0.47209	-8.9310	-100.61E-6	-0.59025	6.8055E-6
	-18.00000	36.00000	-8.50000	-0.57052	-8.9310	-116.54E-6	-0.63684	7.3424E-6
	-17.00000	36.00000	-8.50000	-0.67732	-8.9310	-135.67E-6	-0.68867	7.9373E-6
	-16.00000	36.00000	-8.50000	-0.79314	-8.9310	-158.79E-6	-0.74585	8.5985E-6
	-15.00000	36.00000	-8.50000	-0.91867	-8.9310	-186.92E-6	-0.80980	9.3352E-6
	-14.00000	36.00000	-8.50000	-1.0546	-8.9310	-221.37E-6	-0.88127	10.158E-6
	-13.00000	36.00000	-8.50000	-1.2018	-8.9310	-263.88E-6	-0.96137	11.081E-6
	-12.00000	36.00000	-8.50000	-1.3610	-8.9310	-316.71E-6	-1.0514	12.118E-6
	-11.00000	36.00000	-8.50000	-1.5330	-8.9310	-382.85E-6	-1.1529	13.286E-6
	-10.00000	36.00000	-8.50000	-1.7186	-8.9310	-466.24E-6	-1.2675	14.606E-6
	-9.00000	36.00000	-8.50000	-1.9187	-8.9310	-572.06E-6	-1.3974	16.100E-6
	-8.00000	36.00000	-8.50000	-2.1339	-8.9310	-707.06E-6	-1.5446	17.793E-6
	-7.00000	36.00000	-8.50000	-2.3648	-8.9310	-879.85E-6	-1.7115	19.713E-6
	-6.00000	36.00000	-8.50000	-2.6116	-8.9310	-0.0011010	-1.9005	21.886E-6
	-5.00000	36.00000	-8.50000	-2.8744	-8.9310	-0.0013825	-2.1137	24.335E-6
	-4.00000	36.00000	-8.50000	-3.1524	-8.9310	-0.0017364	-2.3524	27.077E-6
	-3.00000	36.00000	-8.50000	-3.4444	-8.9310	-0.0021717	-2.6166	30.109E-6
	-2.00000	36.00000	-8.50000	-3.7481	-8.9310	-0.0026888	-2.9038	33.404E-6
	-1.00000	36.00000	-8.50000	-4.0603	-8.9310	-0.0032747	-3.2090	36.905E-6
	0.00000	36.00000	-8.50000	-4.3770	-8.9310	-0.0039009	-3.5243	40.520E-6
	1.00000	36.00000	-8.50000	-4.6939	-8.9310	-0.0045277	-3.8401	44.142E-6
	2.00000	36.00000	-8.50000	-5.0063	-8.9310	-0.0051157	-4.1468	47.660E-6
	3.00000	36.00000	-8.50000	-5.3104	-8.9310	-0.0056363	-4.4367	50.996E-6
	4.00000	36.00000	-8.50000	-5.6030	-8.9310	-0.0060767	-4.7047	54.062E-6
	5.00000	36.00000	-8.50000	-5.8819	-8.9310	-0.0064379	-4.9488	56.865E-6
	6.00000	36.00000	-8.50000	-6.1459	-8.9310	-0.0067294	-5.1691	59.396E-6
	7.00000	36.00000	-8.50000	-6.3945	-8.9310	-0.0069641	-5.3674	61.676E-6
	8.00000	36.00000	-8.50000	-6.6278	-8.9310	-0.0071554	-5.5464	63.735E-6
	9.00000	36.00000	-8.50000	-6.8463	-8.9310	-0.0073161	-5.7095	65.610E-6
	10.00000	36.00000	-8.50000	-7.0511	-8.9310	-0.0074578	-5.8601	67.343E-6
	11.00000	36.00000	-8.50000	-7.2434	-8.9310	-0.0075926	-6.0023	68.979E-6
	12.00000	36.00000	-8.50000	-7.4246	-8.9310	-0.0077336	-6.1405	70.568E-6
	13.00000	36.00000	-8.50000	-7.5965	-8.9310	-0.0078980	-6.2799	72.170E-6
	14.00000	36.00000	-8.50000	-7.7611	-8.9310	-0.0081104	-6.4270	73.860E-6
	15.00000	36.00000	-8.50000	-7.9206	-8.9310	-0.0084096	-6.5901	75.731E-6
	16.00000	36.00000	-8.50000	-8.0777	-8.9310	-0.0088594	-6.7803	77.909E-6
	17.00000	36.00000	-8.50000	-8.2350	-8.9310	-0.0095666	-7.0123	80.559E-6
	18.00000	36.00000	-8.50000	-8.3953	-8.9310	-0.010707	-7.3043	83.890E-6
	19.00000	36.00000	-8.50000	-8.5603	-8.9310	-0.012547	-7.6781	88.138E-6
	20.00000	36.00000	-8.50000	-8.7301	-8.9310	-0.015417	-8.1510	93.494E-6
	21.00000	36.00000	-8.50000	-8.9011	-8.9310	-0.019516	-8.7217	99.936E-6
	22.00000	36.00000	-8.50000	-9.0646	-8.9310	-0.024533	-9.3523	107.04E-6
	23.00000	36.00000	-8.50000	-9.2080	-8.9310	-0.029540	-9.9694	113.98E-6
	24.00000	36.00000	-8.50000	-9.3187	-8.9310	-0.033606	-10.499	119.95E-6
	25.00000	36.00000	-8.50000	-9.3874	-8.9310	-0.036421	-10.902	124.51E-6
	26.00000	36.00000	-8.50000	-9.4097	-8.9310	-0.038177	-11.176	127.60E-6
	27.00000	36.00000	-8.50000	-9.3844	-8.9310	-0.039196	-11.334	129.39E-6
	28.00000	36.00000	-8.50000	-9.3121	-8.9310	-0.039733	-11.394	130.07E-6
	29.00000	36.00000	-8.50000	-9.1934	-8.9310	-0.039945	-11.369	129.77E-6
	30.00000	36.00000	-8.50000	-9.0290	-8.9310	-0.039908	-11.265	128.57E-6
	31.00000	36.00000	-8.50000	-8.8189	-8.9310	-0.039642	-11.083	126.48E-6
	32.00000	36.00000	-8.50000	-8.5628	-8.9310	-0.039108	-10.818	123.45E-6
	33.00000	36.00000	-8.50000	-8.2600	-8.9310	-0.038211	-10.460	119.34E-6
	34.00000	36.00000	-8.50000	-7.9103	-8.9310	-0.036778	-9.9921	113.99E-6
	35.00000	36.00000	-8.50000	-7.5142	-8.9310	-0.034541	-9.3963	107.20E-6
	36.00000	36.00000	-8.50000	-7.0749	-8.9310	-0.031175	-8.6595	98.815E-6
	37.00000	36.00000	-8.50000	-6.6000	-8.9310	-0.026497	-7.7892	88.937E-6
	38.00000	36.00000	-8.50000	-6.1023	-8.9310	-0.020846	-6.8317	78.088E-6
	39.00000	36.00000	-8.50000	-5.5990	-8.9310	-0.015192	-5.8701	67.191E-6
	40.00000	36.00000	-8.50000	-5.1071	-8.9310	-0.010502	-4.9871	57.166E-6
	41.00000	36.00000	-8.50000	-4.6392	-8.9310	-0.0071138	-4.2283	48.531E-6
	42.00000	36.00000	-8.50000	-4.2023	-8.9310	-0.0048421	-3.6002	41.364E-6
	43.00000	36.00000	-8.50000	-3.7987	-8.9310	-0.0033571	-3.0879	35.505E-6
	44.00000	36.00000	-8.50000	-3.4282	-8.9310	-0.0023831	-2.6705	30.724E-6
	45.00000	36.00000	-8.50000	-3.0890	-8.9310	-0.0017333	-2.3285	26.801E-6
	46.00000	36.00000	-8.50000	-2.7788	-8.9310	-0.0012898	-2.0459	23.556E-6
	47.00000	36.00000	-8.50000	-2.4952	-8.9310	-979.91E-6	-1.8101	20.847E-6
	48.00000	36.00000	-8.50000	-2.2359	-8.9310	-758.41E-6	-1.6115	18.563E-6
	49.00000	36.00000	-8.50000	-1.9985	-8.9310	-596.69E-6	-1.4427	16.622E-6
	50.00000	36.00000	-8.50000	-1.7812	-8.9310	-476.32E-6	-1.2981	14.958E-6
	51.00000	36.00000	-8.50000	-1.5820	-8.9310	-385.15E-6	-1.1733	13.521E-6
	52.00000	36.00000	-8.50000	-1.3993	-8.9310	-315.01E-6	-1.0648	12.272E-6
	53.00000	36.00000	-8.50000	-1.2318	-8.9310	-260.29E-6	-0.96988	11.179E-6
	54.00000	36.00000	-8.50000	-1.0779	-8.9310	-217.04E-6	-0.88641	10.218E-6
	55.00000	36.00000	-8.50000	-0.93668	-8.9310	-182.47E-6	-0.81262	9.3678E-6
	56.00000	36.00000	-8.50000	-0.80695	-8.9310	-154.55E-6	-0.74707	8.6127E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	57.00000	36.00000	-8.50000	-0.68777	-8.9310	-131.78E-6	-0.68861	7.9390E-6
	58.00000	36.00000	-8.50000	-0.57830	-8.9310	-113.06E-6	-0.63625	7.3357E-6
	59.00000	36.00000	-8.50000	-0.47773	-8.9310	-97.544E-6	-0.58920	6.7935E-6
	60.00000	36.00000	-8.50000	-0.38538	-8.9310	-84.592E-6	-0.54677	6.3045E-6
	-20.00000	37.00000	-8.50000	-0.33343	-8.9310	-80.879E-6	-0.52636	6.0692E-6
	-19.00000	37.00000	-8.50000	-0.41849	-8.9310	-92.804E-6	-0.56557	6.5211E-6
	-18.00000	37.00000	-8.50000	-0.51066	-8.9310	-106.93E-6	-0.60873	7.0185E-6
	-17.00000	37.00000	-8.50000	-0.61043	-8.9310	-123.76E-6	-0.65634	7.5672E-6
	-16.00000	37.00000	-8.50000	-0.71835	-8.9310	-143.91E-6	-0.70898	8.1737E-6
	-15.00000	37.00000	-8.50000	-0.83499	-8.9310	-168.17E-6	-0.76730	8.8456E-6
	-14.00000	37.00000	-8.50000	-0.96094	-8.9310	-197.53E-6	-0.83206	9.5916E-6
	-13.00000	37.00000	-8.50000	-1.0968	-8.9310	-233.27E-6	-0.90411	10.422E-6
	-12.00000	37.00000	-8.50000	-1.2432	-8.9310	-277.00E-6	-0.98444	11.347E-6
	-11.00000	37.00000	-8.50000	-1.4007	-8.9310	-330.80E-6	-1.0741	12.380E-6
	-10.00000	37.00000	-8.50000	-1.5698	-8.9310	-397.28E-6	-1.1745	13.534E-6
	-9.00000	37.00000	-8.50000	-1.7512	-8.9310	-479.72E-6	-1.2867	14.826E-6
	-8.00000	37.00000	-8.50000	-1.9453	-8.9310	-582.16E-6	-1.4123	16.272E-6
	-7.00000	37.00000	-8.50000	-2.1521	-8.9310	-709.42E-6	-1.5526	17.886E-6
	-6.00000	37.00000	-8.50000	-2.3719	-8.9310	-866.91E-6	-1.7090	19.684E-6
	-5.00000	37.00000	-8.50000	-2.6042	-8.9310	-0.0010602	-1.8822	21.676E-6
	-4.00000	37.00000	-8.50000	-2.8483	-8.9310	-0.0012940	-2.0727	23.865E-6
	-3.00000	37.00000	-8.50000	-3.1029	-8.9310	-0.0015706	-2.2796	26.243E-6
	-2.00000	37.00000	-8.50000	-3.3661	-8.9310	-0.0018879	-2.5011	28.786E-6
	-1.00000	37.00000	-8.50000	-3.6356	-8.9310	-0.0022380	-2.7335	31.455E-6
	0.00000	37.00000	-8.50000	-3.9083	-8.9310	-0.0026068	-2.9719	34.193E-6
	1.00000	37.00000	-8.50000	-4.1810	-8.9310	-0.0029761	-3.2109	36.937E-6
	2.00000	37.00000	-8.50000	-4.4505	-8.9310	-0.0033280	-3.4446	39.620E-6
	3.00000	37.00000	-8.50000	-4.7140	-8.9310	-0.0036484	-3.6683	42.190E-6
	4.00000	37.00000	-8.50000	-4.9689	-8.9310	-0.0039295	-3.8785	44.606E-6
	5.00000	37.00000	-8.50000	-5.2134	-8.9310	-0.0041697	-4.0736	46.848E-6
	6.00000	37.00000	-8.50000	-5.4464	-8.9310	-0.0043717	-4.2530	48.910E-6
	7.00000	37.00000	-8.50000	-5.6672	-8.9310	-0.0045410	-4.4173	50.800E-6
	8.00000	37.00000	-8.50000	-5.8756	-8.9310	-0.0046843	-4.5681	52.535E-6
	9.00000	37.00000	-8.50000	-6.0719	-8.9310	-0.0048087	-4.7073	54.136E-6
	10.00000	37.00000	-8.50000	-6.2566	-8.9310	-0.0049215	-4.8373	55.632E-6
	11.00000	37.00000	-8.50000	-6.4305	-8.9310	-0.0050306	-4.9609	57.054E-6
	12.00000	37.00000	-8.50000	-6.5947	-8.9310	-0.0051449	-5.0812	58.438E-6
	13.00000	37.00000	-8.50000	-6.7503	-8.9310	-0.0052760	-5.2020	59.827E-6
	14.00000	37.00000	-8.50000	-6.8988	-8.9310	-0.0054400	-5.3278	61.272E-6
	15.00000	37.00000	-8.50000	-7.0415	-8.9310	-0.0056600	-5.4639	62.835E-6
	16.00000	37.00000	-8.50000	-7.1802	-8.9310	-0.0059706	-5.6172	64.592E-6
	17.00000	37.00000	-8.50000	-7.3163	-8.9310	-0.0064228	-5.7954	66.633E-6
	18.00000	37.00000	-8.50000	-7.4509	-8.9310	-0.0070879	-6.0075	69.055E-6
	19.00000	37.00000	-8.50000	-7.5844	-8.9310	-0.0080529	-6.2610	71.946E-6
	20.00000	37.00000	-8.50000	-7.7157	-8.9310	-0.0093946	-6.5593	75.342E-6
	21.00000	37.00000	-8.50000	-7.8416	-8.9310	-0.011119	-6.8962	79.168E-6
	22.00000	37.00000	-8.50000	-7.9565	-8.9310	-0.013094	-7.2517	83.201E-6
	23.00000	37.00000	-8.50000	-8.0531	-8.9310	-0.015060	-7.5952	87.096E-6
	24.00000	37.00000	-8.50000	-8.1241	-8.9310	-0.016758	-7.8959	90.505E-6
	25.00000	37.00000	-8.50000	-8.1634	-8.9310	-0.018053	-8.1329	93.195E-6
	26.00000	37.00000	-8.50000	-8.1674	-8.9310	-0.018948	-8.2984	95.073E-6
	27.00000	37.00000	-8.50000	-8.1341	-8.9310	-0.019513	-8.3935	96.150E-6
	28.00000	37.00000	-8.50000	-8.0628	-8.9310	-0.019829	-8.4229	96.478E-6
	29.00000	37.00000	-8.50000	-7.9535	-8.9310	-0.019952	-8.3911	96.107E-6
	30.00000	37.00000	-8.50000	-7.8062	-8.9310	-0.019916	-8.3010	95.069E-6
	31.00000	37.00000	-8.50000	-7.6212	-8.9310	-0.019727	-8.1526	93.364E-6
	32.00000	37.00000	-8.50000	-7.3985	-8.9310	-0.019369	-7.9435	90.964E-6
	33.00000	37.00000	-8.50000	-7.1385	-8.9310	-0.018799	-7.6689	87.816E-6
	34.00000	37.00000	-8.50000	-6.8420	-8.9310	-0.017951	-7.3230	83.855E-6
	35.00000	37.00000	-8.50000	-6.5109	-8.9310	-0.016742	-6.9008	79.027E-6
	36.00000	37.00000	-8.50000	-6.1489	-8.9310	-0.015102	-6.4026	73.336E-6
	37.00000	37.00000	-8.50000	-5.7623	-8.9310	-0.013033	-5.8391	66.907E-6
	38.00000	37.00000	-8.50000	-5.3597	-8.9310	-0.010684	-5.2355	60.025E-6
	39.00000	37.00000	-8.50000	-4.9520	-8.9310	-0.0083311	-4.6281	53.100E-6
	40.00000	37.00000	-8.50000	-4.5494	-8.9310	-0.0062521	-4.0530	46.538E-6
	41.00000	37.00000	-8.50000	-4.1607	-8.9310	-0.0045926	-3.5348	40.618E-6
	42.00000	37.00000	-8.50000	-3.7915	-8.9310	-0.0033546	-3.0835	35.455E-6
	43.00000	37.00000	-8.50000	-3.4451	-8.9310	-0.0024636	-2.6980	31.038E-6
	44.00000	37.00000	-8.50000	-3.1224	-8.9310	-0.0018307	-2.3713	27.292E-6
	45.00000	37.00000	-8.50000	-2.8234	-8.9310	-0.0013805	-2.0949	24.119E-6
	46.00000	37.00000	-8.50000	-2.5471	-8.9310	-0.0010572	-1.8606	21.426E-6
	47.00000	37.00000	-8.50000	-2.2923	-8.9310	-821.97E-6	-1.6608	19.131E-6
	48.00000	37.00000	-8.50000	-2.0575	-8.9310	-648.21E-6	-1.4897	17.162E-6
	49.00000	37.00000	-8.50000	-1.8412	-8.9310	-517.93E-6	-1.3422	15.465E-6
	50.00000	37.00000	-8.50000	-1.6420	-8.9310	-418.81E-6	-1.2142	13.993E-6
	51.00000	37.00000	-8.50000	-1.4586	-8.9310	-342.36E-6	-1.1027	12.708E-6
	52.00000	37.00000	-8.50000	-1.2897	-8.9310	-282.63E-6	-1.0049	11.582E-6
	53.00000	37.00000	-8.50000	-1.1341	-8.9310	-235.41E-6	-0.91866	10.589E-6
	54.00000	37.00000	-8.50000	-0.99088	-8.9310	-197.67E-6	-0.84235	9.7103E-6
	55.00000	37.00000	-8.50000	-0.85896	-8.9310	-167.21E-6	-0.77449	8.9286E-6
	56.00000	37.00000	-8.50000	-0.73748	-8.9310	-142.40E-6	-0.71391	8.2306E-6
	57.00000	37.00000	-8.50000	-0.62563	-8.9310	-122.01E-6	-0.65963	7.6051E-6
	58.00000	37.00000	-8.50000	-0.52266	-8.9310	-105.14E-6	-0.61082	7.0426E-6
	59.00000	37.00000	-8.50000	-0.42790	-8.9310	-91.065E-6	-0.56679	6.5352E-6
	60.00000	37.00000	-8.50000	-0.34072	-8.9310	-79.256E-6	-0.52695	6.0760E-6
	-20.00000	38.00000	-8.50000	-0.28607	-8.9310	-74.814E-6	-0.50501	5.8231E-6
	-19.00000	38.00000	-8.50000	-0.36571	-8.9310	-85.438E-6	-0.54143	6.2429E-6
	-18.00000	38.00000	-8.50000	-0.45182	-8.9310	-97.932E-6	-0.58136	6.7030E-6
	-17.00000	38.00000	-8.50000	-0.54482	-8.9310	-112.69E-6	-0.62519	7.2082E-6
	-16.00000	38.00000	-8.50000	-0.64518	-8.9310	-130.19E-6	-0.67341	7.7638E-6
	-15.00000	38.00000	-8.50000	-0.75334	-8.9310	-151.05E-6	-0.72652	8.3758E-6
	-14.00000	38.00000	-8.50000	-0.86978	-8.9310	-176.00E-6	-0.78513	9.0510E-6
	-13.00000	38.00000	-8.50000	-0.99496	-8.9310	-205.97E-6	-0.84988	9.7969E-6
	-12.00000	38.00000	-8.50000	-1.1294	-8.9310	-242.12E-6	-0.92151	10.622E-6
	-11.00000	38.00000	-8.50000	-1.2734	-8.9310	-285.85E-6	-1.0008	11.535E-6
	-10.00000	38.00000	-8.50000	-1.4274	-8.9310	-338.89E-6	-1.0886	12.547E-6
	-9.00000	38.00000	-8.50000	-1.5918	-8.9310	-403.30E-6	-1.1859	13.666E-6
	-8.00000	38.00000	-8.50000	-1.7668	-8.9310	-481.49E-6	-1.2934	14.904E-6
	-7.00000	38.00000	-8.50000	-1.9523	-8.9310	-576.13E-6	-1.4121	16.269E-6
	-6.00000	38.00000	-8.50000	-2.1483	-8.9310	-690.00E-6	-1.5424	17.769E-6
	-5.00000	38.00000	-8.50000	-2.3542	-8.9310	-825.64E-6	-1.6848	19.407E-6
	-4.00000	38.00000	-8.50000	-2.5694	-8.9310	-984.81E-6	-1.8392	21.182E-6
	-3.00000	38.00000	-8.50000	-2.7927	-8.9310	-0.0011677	-2.0046	23.084E-6
	-2.00000	38.00000	-8.50000	-3.0226	-8.9310	-0.0013724	-2.1794	25.094E-6
	-1.00000	38.00000	-8.50000	-3.2570	-8.9310	-0.0015939	-2.3614	27.185E-6
	0.00000	38.00000	-8.50000	-3.4938	-8.9310	-0.0018249	-2.5472	29.320E-6
	1.00000	38.00000	-8.50000	-3.7307

Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	36.00000	38.00000	-8.50000	-5.3819	-8.9310	-0.0083417	-4.9768	57.123E-6
	37.00000	38.00000	-8.50000	-5.0614	-8.9310	-0.0073044	-4.5886	52.680E-6
	38.00000	38.00000	-8.50000	-4.7291	-8.9310	-0.0061662	-4.1786	47.990E-6
	39.00000	38.00000	-8.50000	-4.3918	-8.9310	-0.0050251	-3.7652	43.260E-6
	40.00000	38.00000	-8.50000	-4.0566	-8.9310	-0.0039789	-3.3665	38.697E-6
	41.00000	38.00000	-8.50000	-3.7295	-8.9310	-0.0030908	-2.9965	34.459E-6
	42.00000	38.00000	-8.50000	-3.4152	-8.9310	-0.0023788	-2.6629	30.636E-6
	43.00000	38.00000	-8.50000	-3.1165	-8.9310	-0.0018289	-2.3679	27.253E-6
	44.00000	38.00000	-8.50000	-2.8351	-8.9310	-0.0014126	-2.1102	24.294E-6
	45.00000	38.00000	-8.50000	-2.5715	-8.9310	-0.0010999	-1.8861	21.720E-6
	46.00000	38.00000	-8.50000	-2.3257	-8.9310	-864.91E-6	-1.6917	19.485E-6
	47.00000	38.00000	-8.50000	-2.0971	-8.9310	-687.30E-6	-1.5228	17.543E-6
	48.00000	38.00000	-8.50000	-1.8850	-8.9310	-551.95E-6	-1.3757	15.851E-6
	49.00000	38.00000	-8.50000	-1.6884	-8.9310	-447.78E-6	-1.2471	14.371E-6
	50.00000	38.00000	-8.50000	-1.5063	-8.9310	-366.77E-6	-1.1343	13.072E-6
	51.00000	38.00000	-8.50000	-1.3379	-8.9310	-303.13E-6	-1.0349	11.928E-6
	52.00000	38.00000	-8.50000	-1.1821	-8.9310	-252.62E-6	-0.94702	10.916E-6
	53.00000	38.00000	-8.50000	-1.0382	-8.9310	-212.15E-6	-0.86898	10.017E-6
	54.00000	38.00000	-8.50000	-0.90512	-8.9310	-179.42E-6	-0.79942	9.2157E-6
	55.00000	38.00000	-8.50000	-0.78225	-8.9310	-152.74E-6	-0.73720	8.4989E-6
	56.00000	38.00000	-8.50000	-0.66879	-8.9310	-130.80E-6	-0.68137	7.8556E-6
	57.00000	38.00000	-8.50000	-0.56408	-8.9310	-112.64E-6	-0.63110	7.2763E-6
	58.00000	38.00000	-8.50000	-0.46748	-8.9310	-97.501E-6	-0.58571	6.7532E-6
	59.00000	38.00000	-8.50000	-0.37841	-8.9310	-84.797E-6	-0.54460	6.2795E-6
	60.00000	38.00000	-8.50000	-0.29632	-8.9310	-74.075E-6	-0.50728	5.8493E-6
	-20.00000	39.00000	-8.50000	-0.23955	-8.9310	-69.090E-6	-0.48415	5.5826E-6
	-19.00000	39.00000	-8.50000	-0.31396	-8.9310	-78.529E-6	-0.51794	5.9721E-6
	-18.00000	39.00000	-8.50000	-0.39425	-8.9310	-89.548E-6	-0.55482	6.3972E-6
	-17.00000	39.00000	-8.50000	-0.48078	-8.9310	-102.45E-6	-0.59513	6.8617E-6
	-16.00000	39.00000	-8.50000	-0.57392	-8.9310	-117.63E-6	-0.63924	7.3700E-6
	-15.00000	39.00000	-8.50000	-0.67404	-8.9310	-135.52E-6	-0.68756	7.9269E-6
	-14.00000	39.00000	-8.50000	-0.78151	-8.9310	-156.69E-6	-0.74057	8.5376E-6
	-13.00000	39.00000	-8.50000	-0.89670	-8.9310	-181.80E-6	-0.79874	9.2078E-6
	-12.00000	39.00000	-8.50000	-1.0199	-8.9310	-211.67E-6	-0.86262	9.9437E-6
	-11.00000	39.00000	-8.50000	-1.1515	-8.9310	-247.25E-6	-0.93279	10.752E-6
	-10.00000	39.00000	-8.50000	-1.2917	-8.9310	-289.68E-6	-1.0098	11.639E-6
	-9.00000	39.00000	-8.50000	-1.4406	-8.9310	-340.24E-6	-1.0943	12.612E-6
	-8.00000	39.00000	-8.50000	-1.5984	-8.9310	-400.36E-6	-1.1868	13.676E-6
	-7.00000	39.00000	-8.50000	-1.7650	-8.9310	-471.52E-6	-1.2876	14.838E-6
	-6.00000	39.00000	-8.50000	-1.9401	-8.9310	-555.15E-6	-1.3972	16.099E-6
	-5.00000	39.00000	-8.50000	-2.1232	-8.9310	-652.39E-6	-1.5156	17.461E-6
	-4.00000	39.00000	-8.50000	-2.3136	-8.9310	-763.78E-6	-1.6423	18.919E-6
	-3.00000	39.00000	-8.50000	-2.5104	-8.9310	-888.98E-6	-1.7767	20.465E-6
	-2.00000	39.00000	-8.50000	-2.7122	-8.9310	-0.0010264	-1.9176	22.086E-6
	-1.00000	39.00000	-8.50000	-2.9176	-8.9310	-0.0011732	-2.0632	23.760E-6
	0.00000	39.00000	-8.50000	-3.1247	-8.9310	-0.0013252	-2.2114	25.464E-6
	1.00000	39.00000	-8.50000	-3.3318	-8.9310	-0.0014776	-2.3599	27.172E-6
	2.00000	39.00000	-8.50000	-3.5369	-8.9310	-0.0016257	-2.5064	28.857E-6
	3.00000	39.00000	-8.50000	-3.7385	-8.9310	-0.0017654	-2.6489	30.496E-6
	4.00000	39.00000	-8.50000	-3.9350	-8.9310	-0.0018941	-2.7856	32.069E-6
	5.00000	39.00000	-8.50000	-4.1251	-8.9310	-0.0020103	-2.9156	33.564E-6
	6.00000	39.00000	-8.50000	-4.3079	-8.9310	-0.0021140	-3.0382	34.975E-6
	7.00000	39.00000	-8.50000	-4.4827	-8.9310	-0.0022063	-3.1535	36.301E-6
	8.00000	39.00000	-8.50000	-4.6492	-8.9310	-0.0022891	-3.2617	37.547E-6
	9.00000	39.00000	-8.50000	-4.8071	-8.9310	-0.0023646	-3.3635	38.719E-6
	10.00000	39.00000	-8.50000	-4.9566	-8.9310	-0.0024358	-3.4601	39.831E-6
	11.00000	39.00000	-8.50000	-5.0980	-8.9310	-0.0025059	-3.5527	40.896E-6
	12.00000	39.00000	-8.50000	-5.2315	-8.9310	-0.0025791	-3.6427	41.932E-6
	13.00000	39.00000	-8.50000	-5.3577	-8.9310	-0.0026602	-3.7320	42.959E-6
	14.00000	39.00000	-8.50000	-5.4770	-8.9310	-0.0027553	-3.8225	44.000E-6
	15.00000	39.00000	-8.50000	-5.5900	-8.9310	-0.0028722	-3.9163	45.078E-6
	16.00000	39.00000	-8.50000	-5.6972	-8.9310	-0.0030204	-4.0158	46.221E-6
	17.00000	39.00000	-8.50000	-5.7988	-8.9310	-0.0032111	-4.1230	47.451E-6
	18.00000	39.00000	-8.50000	-5.8947	-8.9310	-0.0034560	-4.2396	48.787E-6
	19.00000	39.00000	-8.50000	-5.9843	-8.9310	-0.0037642	-4.3661	50.236E-6
	20.00000	39.00000	-8.50000	-6.0665	-8.9310	-0.0041377	-4.5012	51.781E-6
	21.00000	39.00000	-8.50000	-6.1393	-8.9310	-0.0045660	-4.6411	53.381E-6
	22.00000	39.00000	-8.50000	-6.2002	-8.9310	-0.0050239	-4.7797	54.964E-6
	23.00000	39.00000	-8.50000	-6.2460	-8.9310	-0.0054758	-4.9091	56.440E-6
	24.00000	39.00000	-8.50000	-6.2738	-8.9310	-0.0058856	-5.0211	57.719E-6
	25.00000	39.00000	-8.50000	-6.2807	-8.9310	-0.0062272	-5.1091	58.722E-6
	26.00000	39.00000	-8.50000	-6.2647	-8.9310	-0.0064883	-5.1686	59.399E-6
	27.00000	39.00000	-8.50000	-6.2241	-8.9310	-0.0066682	-5.1970	59.721E-6
	28.00000	39.00000	-8.50000	-6.1580	-8.9310	-0.0067721	-5.1935	59.677E-6
	29.00000	39.00000	-8.50000	-6.0660	-8.9310	-0.0068064	-5.1578	59.264E-6
	30.00000	39.00000	-8.50000	-5.9479	-8.9310	-0.0067754	-5.0900	58.482E-6
	31.00000	39.00000	-8.50000	-5.8041	-8.9310	-0.0066796	-4.9897	57.329E-6
	32.00000	39.00000	-8.50000	-5.6350	-8.9310	-0.0065157	-4.8569	55.802E-6
	33.00000	39.00000	-8.50000	-5.4415	-8.9310	-0.0062769	-4.6910	53.897E-6
	34.00000	39.00000	-8.50000	-5.2252	-8.9310	-0.0059553	-4.4924	51.617E-6
	35.00000	39.00000	-8.50000	-4.9880	-8.9310	-0.0055449	-4.2624	48.978E-6
	36.00000	39.00000	-8.50000	-4.7329	-8.9310	-0.0050471	-4.0044	46.019E-6
	37.00000	39.00000	-8.50000	-4.4637	-8.9310	-0.0044766	-3.7245	42.810E-6
	38.00000	39.00000	-8.50000	-4.1850	-8.9310	-0.0038632	-3.4311	39.447E-6
	39.00000	39.00000	-8.50000	-3.9018	-8.9310	-0.0032473	-3.1347	36.049E-6
	40.00000	39.00000	-8.50000	-3.6190	-8.9310	-0.0026693	-2.8454	32.732E-6
	41.00000	39.00000	-8.50000	-3.3410	-8.9310	-0.0021584	-2.5715	29.590E-6
	42.00000	39.00000	-8.50000	-3.0713	-8.9310	-0.0017278	-2.3185	26.686E-6
	43.00000	39.00000	-8.50000	-2.8127	-8.9310	-0.0013775	-2.0890	24.051E-6
	44.00000	39.00000	-8.50000	-2.5666	-8.9310	-0.0010986	-1.8835	21.690E-6
	45.00000	39.00000	-8.50000	-2.3341	-8.9310	-879.50E-6	-1.7009	19.590E-6
	46.00000	39.00000	-8.50000	-2.1155	-8.9310	-708.18E-6	-1.5392	17.731E-6
	47.00000	39.00000	-8.50000	-1.9106	-8.9310	-574.21E-6	-1.3962	16.087E-6
	48.00000	39.00000	-8.50000	-1.7193	-8.9310	-469.11E-6	-1.2699	14.633E-6
	49.00000	39.00000	-8.50000	-1.5409	-8.9310	-386.18E-6	-1.1580	13.345E-6
	50.00000	39.00000	-8.50000	-1.3749	-8.9310	-320.32E-6	-1.0587	12.202E-6
	51.00000	39.00000	-8.50000	-1.2206	-8.9310	-267.62E-6	-0.97037	11.185E-6
	52.00000	39.00000	-8.50000	-1.0773	-8.9310	-225.13E-6	-0.89158	10.277E-6
	53.00000	39.00000	-8.50000	-0.94433	-8.9310	-190.63E-6	-0.82109	9.4653E-6
	54.00000	39.00000	-8.50000	-0.82108	-8.9310	-162.39E-6	-0.75785	8.7367E-6
	55.00000	39.00000	-8.50000	-0.70691	-8.9310	-139.13E-6	-0.70094	8.0811E-6
	56.00000	39.00000	-8.50000	-0.60121	-8.9310	-119.84E-6	-0.64960	7.4895E-6
	57.00000	39.00000	-8.50000	-0.50343	-8.9310	-103.73E-6	-0.60316	6.9543E-6
	58.00000	39.00000	-8.50000	-0.41302	-8.9310	-90.201E-6	-0.56104	6.4689E-6
	59.00000	39.00000	-8.50000	-0.32949	-8.9310	-78.777E-6	-0.52274	6.0275E-6
	60.00000	39.00000	-8.50000	-0.25237	-8.9310	-69.079E-6	-0.48786	5.6254E-6
	-20.00000	40.00000	-8.50000	-0.19406	-8.9310	-63.718E-6	-0.46384	5.3486E-6
	-19.00000	40.00000	-8.50000	-0.26345	-8.9310	-72.087E-6	-0.49515	5.7095E-6
	-18.00000	40.00000	-8.50000	-0.33817	-8.9310	-81.785E-6	-0.52919	6.1018E-6
	-17.00000	40.00000	-8.50000	-0.41853	-8.9310	-93.054E-6	-0.56622	6.5286E-6
	-16.00000	40.00000	-8.50000	-0.50482	-8.9310	-106.18E-6	-0.60655	6.9933E-6
	-15.00000	40.00000	-8.50000	-0.59735	-8.9310	-121.52E-6	-0.65050	7.4998E-6
	-14.00000	40.00000	-8.50000	-0.69640	-8.9310	-139.46E-6	-0.69842	8.0520E-6
	-13.00000	40.00000	-8.50000	-0.80225	-8.9310	-160.51E-6	-0.75069	8.6542E-6
	-12.00000	40.00000	-8.50000	-0.91512	-8.9310	-185.21E-6	-0.80770	9.3111E-6
	-11.00000	40.00000	-8.50000	-1.0352	-8.9310	-214.23E-6	-0.86986	10.027E-6
	-10.00000	40.00000	-8.50000	-1.1627	-8.9310	-248.30E-6	-0.93756	10.807E-6
	-9.00000	40.00000	-8.50000	-1.2977	-8.9310	-288.21E-6	-1.0112	11.655E-6
	-8.00000	40.00000	-8.50000	-1.4401	-8.9310	-334.83E-6	-1.0910	12.574E-6
	-7.00000	40.00000	-8.50000	-1.5898	-8.9310	-388.96E-6	-1.1773	13.568E-6
	-6.00000	40.00000	-8.50000	-1.7465	-8.9310	-451.34E-6	-1.2702	14.637E-6
	-5.00000	40.00000	-8.50000	-1.9097	-8.9310	-522.43E-6	-1.3695	15.780E-6
	-4.00000	40.00000	-8.50000	-2.0788	-8.9310	-602.35E-6	-1.4748	16.993E-6
	-3.00000	40.00000	-8.50000	-2.2530	-8.9310	-690.62E-6	-1.5857	18.268E-6
	-2.00000	40.00000	-8.50000	-2.4310	-8.9310	-786.15E-6	-1.7010	19.595E-6
	-1.00000	40.00000	-8.50000	-2.6118	-8.9310	-887.13E-6	-1.8196	20.960E-6
	0.00000	40.00000	-8.50000	-2.7940	-8.9310	-991.18E-6	-1.9401	22.346E-6
	1.00000	40.00000	-8.50000	-2.9760	-8.9310	-0.0010956	-2.0608	23.735E-6
	2.00000	40.00000	-8.50000	-3.1566	-8.9310	-0.0011977	-2.1801	25.108E-6
	3.00000	40.00000	-8.50000	-3.3342	-8.9310	-0.0012953	-2.2968	26.450E-6
	4.00000	40.00000	-8.50000	-3.5078	-8.9310	-0.0013865	-2.4095	27.747E-6
	5.00000	40.00000	-8.50000	-3.6762	-8.9310	-0.0014705	-2.5175	28.990E-6
	6.00000	40.00000	-8.50000	-3.8387	-8.9310	-0.0015471	-2.6203	30.173E-6
	7.00000	40.00000	-8.50000	-3.9945	-8.9310	-0.0016168	-2.7177	31.294E-6
	8.00000	40.00000	-8.50000	-4.1433	-8.9310	-0.0016806	-2.8099	32.356E-6
	9.00000	40.00000	-8.50000	-4.2849	-8.9310	-0.0017399	-2.8972	33.362E-6
	10.00000	40.00000	-8.50000	-4.4192	-8.9310	-0.0017965	-2.9805	34.320E-6
	11.00000	40.00000	-8.50000	-4.5463	-8.9310	-0.0018526	-3.0604	35.240E-6
	12.00000	40.00000	-8.50000	-4.6663	-8.9310	-0.0019107	-3.1380	36.134E-6
	13.00000	40.00000	-8.50000	-4.7795	-8.9310	-0.0019741	-3.2145	37.014E-6
	14.00000	40.00000	-8.50000	-4.8861	-8.9310	-0.0020463	-3.2911	37.894E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	15.00000	40.00000	-8.50000	-4.9864	-8.9310	-0.0021318	-3.3690	38.791E-6
	16.00000	40.00000	-8.50000	-5.0805	-8.9310	-0.0022356	-3.4497	39.717E-6
	17.00000	40.00000	-8.50000	-5.1684	-8.9310	-0.0023629	-3.5340	40.685E-6
	18.00000	40.00000	-8.50000	-5.2499	-8.9310	-0.0025184	-3.6226	41.702E-6
	19.00000	40.00000	-8.50000	-5.3243	-8.9310	-0.0027049	-3.7153	42.765E-6
	20.00000	40.00000	-8.50000	-5.3906	-8.9310	-0.0029211	-3.8108	43.859E-6
	21.00000	40.00000	-8.50000	-5.4473	-8.9310	-0.0031607	-3.9066	44.956E-6
	22.00000	40.00000	-8.50000	-5.4926	-8.9310	-0.0034113	-3.9989	46.012E-6
	23.00000	40.00000	-8.50000	-5.5243	-8.9310	-0.0036569	-4.0830	46.974E-6
	24.00000	40.00000	-8.50000	-5.5404	-8.9310	-0.0038813	-4.1544	47.790E-6
	25.00000	40.00000	-8.50000	-5.5388	-8.9310	-0.0040714	-4.2089	48.412E-6
	26.00000	40.00000	-8.50000	-5.5180	-8.9310	-0.0042196	-4.2433	48.804E-6
	27.00000	40.00000	-8.50000	-5.4768	-8.9310	-0.0043228	-4.2557	48.943E-6
	28.00000	40.00000	-8.50000	-5.4145	-8.9310	-0.0043813	-4.2447	48.815E-6
	29.00000	40.00000	-8.50000	-5.3305	-8.9310	-0.0043965	-4.2100	48.413E-6
	30.00000	40.00000	-8.50000	-5.2248	-8.9310	-0.0043694	-4.1511	47.735E-6
	31.00000	40.00000	-8.50000	-5.0978	-8.9310	-0.0042999	-4.0679	46.778E-6
	32.00000	40.00000	-8.50000	-4.9499	-8.9310	-0.0041868	-3.9606	45.544E-6
	33.00000	40.00000	-8.50000	-4.7820	-8.9310	-0.0040277	-3.8293	44.034E-6
	34.00000	40.00000	-8.50000	-4.5957	-8.9310	-0.0038205	-3.6748	42.260E-6
	35.00000	40.00000	-8.50000	-4.3926	-8.9310	-0.0035647	-3.4989	40.239E-6
	36.00000	40.00000	-8.50000	-4.1753	-8.9310	-0.0032639	-3.3043	38.005E-6
	37.00000	40.00000	-8.50000	-3.9468	-8.9310	-0.0029273	-3.0953	35.605E-6
	38.00000	40.00000	-8.50000	-3.7104	-8.9310	-0.0025699	-2.8773	33.102E-6
	39.00000	40.00000	-8.50000	-3.4698	-8.9310	-0.0022104	-2.6565	30.568E-6
	40.00000	40.00000	-8.50000	-3.2287	-8.9310	-0.0018676	-2.4391	28.073E-6
	41.00000	40.00000	-8.50000	-2.9903	-8.9310	-0.0015559	-2.2304	25.676E-6
	42.00000	40.00000	-8.50000	-2.7575	-8.9310	-0.0012837	-2.0342	23.422E-6
	43.00000	40.00000	-8.50000	-2.5325	-8.9310	-0.0010534	-1.8528	21.337E-6
	44.00000	40.00000	-8.50000	-2.3168	-8.9310	-862.71E-6	-1.6871	19.432E-6
	45.00000	40.00000	-8.50000	-2.1114	-8.9310	-707.24E-6	-1.5371	17.708E-6
	46.00000	40.00000	-8.50000	-1.9168	-8.9310	-581.51E-6	-1.4021	16.154E-6
	47.00000	40.00000	-8.50000	-1.7334	-8.9310	-480.19E-6	-1.2809	14.760E-6
	48.00000	40.00000	-8.50000	-1.5610	-8.9310	-398.58E-6	-1.1723	13.509E-6
	49.00000	40.00000	-8.50000	-1.3994	-8.9310	-332.68E-6	-1.0749	12.389E-6
	50.00000	40.00000	-8.50000	-1.2482	-8.9310	-279.28E-6	-0.98765	11.384E-6
	51.00000	40.00000	-8.50000	-1.1071	-8.9310	-235.80E-6	-0.90926	10.481E-6
	52.00000	40.00000	-8.50000	-0.97555	-8.9310	-200.21E-6	-0.83875	9.6687E-6
	53.00000	40.00000	-8.50000	-0.85306	-8.9310	-170.91E-6	-0.77520	8.9366E-6
	54.00000	40.00000	-8.50000	-0.73913	-8.9310	-146.65E-6	-0.71780	8.2753E-6
	55.00000	40.00000	-8.50000	-0.63329	-8.9310	-126.45E-6	-0.66586	7.6768E-6
	56.00000	40.00000	-8.50000	-0.53504	-8.9310	-109.54E-6	-0.61876	7.1339E-6
	57.00000	40.00000	-8.50000	-0.44392	-8.9310	-95.310E-6	-0.57591	6.6403E-6
	58.00000	40.00000	-8.50000	-0.35950	-8.9310	-83.270E-6	-0.53691	6.1907E-6
	59.00000	40.00000	-8.50000	-0.28135	-8.9310	-73.034E-6	-0.50130	5.7804E-6
	60.00000	40.00000	-8.50000	-0.20907	-8.9310	-64.291E-6	-0.46875	5.4051E-6
	-20.00000	41.00000	-8.50000	-0.14976	-8.9310	-58.701E-6	-0.44415	5.1216E-6
	-19.00000	41.00000	-8.50000	-0.21434	-8.9310	-66.109E-6	-0.47314	5.4558E-6
	-18.00000	41.00000	-8.50000	-0.28375	-8.9310	-74.633E-6	-0.50452	5.8175E-6
	-17.00000	41.00000	-8.50000	-0.35825	-8.9310	-84.460E-6	-0.53852	6.2094E-6
	-16.00000	41.00000	-8.50000	-0.43808	-8.9310	-95.812E-6	-0.57538	6.6341E-6
	-15.00000	41.00000	-8.50000	-0.52347	-8.9310	-108.95E-6	-0.61534	7.0946E-6
	-14.00000	41.00000	-8.50000	-0.61464	-8.9310	-124.17E-6	-0.65867	7.5940E-6
	-13.00000	41.00000	-8.50000	-0.71179	-8.9310	-141.82E-6	-0.70567	8.1355E-6
	-12.00000	41.00000	-8.50000	-0.81510	-8.9310	-162.29E-6	-0.75660	8.7224E-6
	-11.00000	41.00000	-8.50000	-0.92468	-8.9310	-186.03E-6	-0.81176	9.3579E-6
	-10.00000	41.00000	-8.50000	-1.0406	-8.9310	-213.50E-6	-0.87141	10.045E-6
	-9.00000	41.00000	-8.50000	-1.1629	-8.9310	-245.22E-6	-0.93578	10.786E-6
	-8.00000	41.00000	-8.50000	-1.2915	-8.9310	-281.69E-6	-1.0050	11.584E-6
	-7.00000	41.00000	-8.50000	-1.4262	-8.9310	-323.35E-6	-1.0793	12.439E-6
	-6.00000	41.00000	-8.50000	-1.5667	-8.9310	-370.57E-6	-1.1585	13.352E-6
	-5.00000	41.00000	-8.50000	-1.7125	-8.9310	-423.51E-6	-1.2426	14.320E-6
	-4.00000	41.00000	-8.50000	-1.8631	-8.9310	-482.12E-6	-1.3312	15.339E-6
	-3.00000	41.00000	-8.50000	-2.0177	-8.9310	-545.99E-6	-1.4237	16.404E-6
	-2.00000	41.00000	-8.50000	-2.1755	-8.9310	-614.34E-6	-1.5194	17.506E-6
	-1.00000	41.00000	-8.50000	-2.3354	-8.9310	-686.03E-6	-1.6175	18.635E-6
	0.00000	41.00000	-8.50000	-2.4963	-8.9310	-759.64E-6	-1.7169	19.779E-6
	1.00000	41.00000	-8.50000	-2.6571	-8.9310	-833.58E-6	-1.8165	20.925E-6
	2.00000	41.00000	-8.50000	-2.8166	-8.9310	-906.26E-6	-1.9151	22.061E-6
	3.00000	41.00000	-8.50000	-2.9738	-8.9310	-976.32E-6	-2.0119	23.175E-6
	4.00000	41.00000	-8.50000	-3.1276	-8.9310	-0.0010427	-2.1059	24.257E-6
	5.00000	41.00000	-8.50000	-3.2772	-8.9310	-0.0011048	-2.1965	25.300E-6
	6.00000	41.00000	-8.50000	-3.4218	-8.9310	-0.0011624	-2.2833	26.299E-6
	7.00000	41.00000	-8.50000	-3.5609	-8.9310	-0.0012157	-2.3661	27.253E-6
	8.00000	41.00000	-8.50000	-3.6941	-8.9310	-0.0012653	-2.4450	28.161E-6
	9.00000	41.00000	-8.50000	-3.8210	-8.9310	-0.0013121	-2.5201	29.026E-6
	10.00000	41.00000	-8.50000	-3.9415	-8.9310	-0.0013572	-2.5919	29.853E-6
	11.00000	41.00000	-8.50000	-4.0556	-8.9310	-0.0014020	-2.6609	30.647E-6
	12.00000	41.00000	-8.50000	-4.1633	-8.9310	-0.0014482	-2.7278	31.417E-6
	13.00000	41.00000	-8.50000	-4.2647	-8.9310	-0.0014976	-2.7933	32.171E-6
	14.00000	41.00000	-8.50000	-4.3598	-8.9310	-0.0015526	-2.8581	32.916E-6
	15.00000	41.00000	-8.50000	-4.4487	-8.9310	-0.0016156	-2.9230	33.663E-6
	16.00000	41.00000	-8.50000	-4.5314	-8.9310	-0.0016893	-2.9888	34.419E-6
	17.00000	41.00000	-8.50000	-4.6077	-8.9310	-0.0017760	-3.0558	35.189E-6
	18.00000	41.00000	-8.50000	-4.6772	-8.9310	-0.0018777	-3.1241	35.974E-6
	19.00000	41.00000	-8.50000	-4.7394	-8.9310	-0.0019949	-3.1935	36.770E-6
	20.00000	41.00000	-8.50000	-4.7934	-8.9310	-0.0021262	-3.2628	37.565E-6
	21.00000	41.00000	-8.50000	-4.8381	-8.9310	-0.0022677	-3.3302	38.338E-6
	22.00000	41.00000	-8.50000	-4.8721	-8.9310	-0.0024129	-3.3934	39.062E-6
	23.00000	41.00000	-8.50000	-4.8939	-8.9310	-0.0025541	-3.4495	39.705E-6
	24.00000	41.00000	-8.50000	-4.9020	-8.9310	-0.0026831	-3.4957	40.232E-6
	25.00000	41.00000	-8.50000	-4.8950	-8.9310	-0.0027931	-3.5292	40.616E-6
	26.00000	41.00000	-8.50000	-4.8717	-8.9310	-0.0028792	-3.5480	40.829E-6
	27.00000	41.00000	-8.50000	-4.8312	-8.9310	-0.0029389	-3.5505	40.856E-6
	28.00000	41.00000	-8.50000	-4.7728	-8.9310	-0.0029712	-3.5356	40.683E-6
	29.00000	41.00000	-8.50000	-4.6964	-8.9310	-0.0029757	-3.5027	40.304E-6
	30.00000	41.00000	-8.50000	-4.6018	-8.9310	-0.0029526	-3.4516	39.715E-6
	31.00000	41.00000	-8.50000	-4.4894	-8.9310	-0.0029016	-3.3822	38.916E-6
	32.00000	41.00000	-8.50000	-4.3597	-8.9310	-0.0028222	-3.2946	37.908E-6
	33.00000	41.00000	-8.50000	-4.2136	-8.9310	-0.0027138	-3.1893	36.697E-6
	34.00000	41.00000	-8.50000	-4.0522	-8.9310	-0.0025763	-3.0673	35.294E-6
	35.00000	41.00000	-8.50000	-3.8773	-8.9310	-0.0024108	-2.9300	33.716E-6
	36.00000	41.00000	-8.50000	-3.6907	-8.9310	-0.0022203	-2.7796	31.988E-6
	37.00000	41.00000	-8.50000	-3.4950	-8.9310	-0.0020105	-2.6192	30.145E-6
	38.00000	41.

Name	Location			Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-6.00000	42.00000	-8.50000	-1.3997	-8.9310	-307.06E-6	-1.0600	12.218E-6
	-5.00000	42.00000	-8.50000	-1.5303	-8.9310	-347.16E-6	-1.1318	13.044E-6
	-4.00000	42.00000	-8.50000	-1.6647	-8.9310	-390.99E-6	-1.2069	13.909E-6
	-3.00000	42.00000	-8.50000	-1.8024	-8.9310	-438.24E-6	-1.2849	14.808E-6
	-2.00000	42.00000	-8.50000	-1.9426	-8.9310	-488.37E-6	-1.3654	15.734E-6
	-1.00000	42.00000	-8.50000	-2.0845	-8.9310	-540.64E-6	-1.4475	16.679E-6
	0.00000	42.00000	-8.50000	-2.2272	-8.9310	-594.17E-6	-1.5305	17.635E-6
	1.00000	42.00000	-8.50000	-2.3698	-8.9310	-647.97E-6	-1.6137	18.593E-6
	2.00000	42.00000	-8.50000	-2.5113	-8.9310	-701.08E-6	-1.6963	19.544E-6
	3.00000	42.00000	-8.50000	-2.6508	-8.9310	-752.66E-6	-1.7775	20.478E-6
	4.00000	42.00000	-8.50000	-2.7875	-8.9310	-802.05E-6	-1.8566	21.390E-6
	5.00000	42.00000	-8.50000	-2.9206	-8.9310	-848.81E-6	-1.9333	22.272E-6
	6.00000	42.00000	-8.50000	-3.0496	-8.9310	-892.79E-6	-2.0071	23.122E-6
	7.00000	42.00000	-8.50000	-3.1739	-8.9310	-934.09E-6	-2.0779	23.937E-6
	8.00000	42.00000	-8.50000	-3.2930	-8.9310	-973.03E-6	-2.1456	24.717E-6
	9.00000	42.00000	-8.50000	-3.4068	-8.9310	-0.0010101	-2.2103	25.463E-6
	10.00000	42.00000	-8.50000	-3.5149	-8.9310	-0.0010461	-2.2724	26.177E-6
	11.00000	42.00000	-8.50000	-3.6173	-8.9310	-0.0010819	-2.3320	26.864E-6
	12.00000	42.00000	-8.50000	-3.7138	-8.9310	-0.0011186	-2.3896	27.527E-6
	13.00000	42.00000	-8.50000	-3.8045	-8.9310	-0.0011573	-2.4456	28.172E-6
	14.00000	42.00000	-8.50000	-3.8893	-8.9310	-0.0011994	-2.5006	28.805E-6
	15.00000	42.00000	-8.50000	-3.9681	-8.9310	-0.0012462	-2.5549	29.430E-6
	16.00000	42.00000	-8.50000	-4.0408	-8.9310	-0.0012992	-2.6088	30.050E-6
	17.00000	42.00000	-8.50000	-4.1072	-8.9310	-0.0013595	-2.6626	30.668E-6
	18.00000	42.00000	-8.50000	-4.1668	-8.9310	-0.0014278	-2.7161	31.283E-6
	19.00000	42.00000	-8.50000	-4.2192	-8.9310	-0.0015040	-2.7690	31.890E-6
	20.00000	42.00000	-8.50000	-4.2636	-8.9310	-0.0015869	-2.8203	32.479E-6
	21.00000	42.00000	-8.50000	-4.2992	-8.9310	-0.0016741	-2.8689	33.037E-6
	22.00000	42.00000	-8.50000	-4.3249	-8.9310	-0.0017622	-2.9131	33.544E-6
	23.00000	42.00000	-8.50000	-4.3396	-8.9310	-0.0018469	-2.9512	33.980E-6
	24.00000	42.00000	-8.50000	-4.3423	-8.9310	-0.0019239	-2.9812	34.324E-6
	25.00000	42.00000	-8.50000	-4.3318	-8.9310	-0.0019894	-3.0014	34.555E-6
	26.00000	42.00000	-8.50000	-4.3074	-8.9310	-0.0020405	-3.0104	34.657E-6
	27.00000	42.00000	-8.50000	-4.2684	-8.9310	-0.0020751	-3.0070	34.616E-6
	28.00000	42.00000	-8.50000	-4.2143	-8.9310	-0.0020922	-2.9903	34.423E-6
	29.00000	42.00000	-8.50000	-4.1449	-8.9310	-0.0020911	-2.9599	34.072E-6
	30.00000	42.00000	-8.50000	-4.0603	-8.9310	-0.0020717	-2.9155	33.561E-6
	31.00000	42.00000	-8.50000	-3.9607	-8.9310	-0.0020337	-2.8571	32.889E-6
	32.00000	42.00000	-8.50000	-3.8466	-8.9310	-0.0019769	-2.7849	32.058E-6
	33.00000	42.00000	-8.50000	-3.7189	-8.9310	-0.0019015	-2.6995	31.075E-6
	34.00000	42.00000	-8.50000	-3.5785	-8.9310	-0.0018077	-2.6016	29.949E-6
	35.00000	42.00000	-8.50000	-3.4269	-8.9310	-0.0016970	-2.4926	28.695E-6
	36.00000	42.00000	-8.50000	-3.2658	-8.9310	-0.0015716	-2.3741	27.332E-6
	37.00000	42.00000	-8.50000	-3.0969	-8.9310	-0.0014349	-2.2482	25.885E-6
	38.00000	42.00000	-8.50000	-2.9223	-8.9310	-0.0012916	-2.1175	24.382E-6
	39.00000	42.00000	-8.50000	-2.7443	-8.9310	-0.0011470	-1.9846	22.855E-6
	40.00000	42.00000	-8.50000	-2.5649	-8.9310	-0.0010061	-1.8523	21.332E-6
	41.00000	42.00000	-8.50000	-2.3861	-8.9310	-873.41E-6	-1.7228	19.843E-6
	42.00000	42.00000	-8.50000	-2.2098	-8.9310	-751.99E-6	-1.5981	18.409E-6
	43.00000	42.00000	-8.50000	-2.0374	-8.9310	-643.62E-6	-1.4797	17.048E-6
	44.00000	42.00000	-8.50000	-1.8702	-8.9310	-548.79E-6	-1.3686	15.769E-6
	45.00000	42.00000	-8.50000	-1.7091	-8.9310	-467.07E-6	-1.2651	14.578E-6
	46.00000	42.00000	-8.50000	-1.5547	-8.9310	-397.41E-6	-1.1695	13.477E-6
	47.00000	42.00000	-8.50000	-1.4075	-8.9310	-338.47E-6	-1.0814	12.464E-6
	48.00000	42.00000	-8.50000	-1.2678	-8.9310	-288.82E-6	-1.0007	11.534E-6
	49.00000	42.00000	-8.50000	-1.1355	-8.9310	-247.10E-6	-0.92685	10.683E-6
	50.00000	42.00000	-8.50000	-1.0107	-8.9310	-212.04E-6	-0.85934	9.9058E-6
	51.00000	42.00000	-8.50000	-0.89322	-8.9310	-182.57E-6	-0.79767	9.1954E-6
	52.00000	42.00000	-8.50000	-0.78289	-8.9310	-157.74E-6	-0.74134	8.5464E-6
	53.00000	42.00000	-8.50000	-0.67946	-8.9310	-136.77E-6	-0.68985	7.9532E-6
	54.00000	42.00000	-8.50000	-0.58268	-8.9310	-119.02E-6	-0.64277	7.4107E-6
	55.00000	42.00000	-8.50000	-0.49225	-8.9310	-103.93E-6	-0.59966	6.9140E-6
	56.00000	42.00000	-8.50000	-0.40789	-8.9310	-91.059E-6	-0.56016	6.4587E-6
	57.00000	42.00000	-8.50000	-0.32928	-8.9310	-80.049E-6	-0.52391	6.0409E-6
	58.00000	42.00000	-8.50000	-0.25614	-8.9310	-70.596E-6	-0.49061	5.6577E-6
	59.00000	42.00000	-8.50000	-0.18817	-8.9310	-62.450E-6	-0.45997	5.3040E-6
	60.00000	42.00000	-8.50000	-0.12508	-8.9310	-55.406E-6	-0.43175	4.9787E-6
	-20.00000	43.00000	-8.50000	-0.065221	-8.9310	-49.711E-6	-0.40676	4.6905E-6
	-19.00000	43.00000	-8.50000	-0.12087	-8.9310	-55.499E-6	-0.43156	4.9764E-6
	-18.00000	43.00000	-8.50000	-0.18048	-8.9310	-62.068E-6	-0.45821	5.2836E-6
	-17.00000	43.00000	-8.50000	-0.24421	-8.9310	-69.531E-6	-0.48684	5.6137E-6
	-16.00000	43.00000	-8.50000	-0.31223	-8.9310	-78.016E-6	-0.51761	5.9684E-6
	-15.00000	43.00000	-8.50000	-0.38466	-8.9310	-87.668E-6	-0.55067	6.3494E-6
	-14.00000	43.00000	-8.50000	-0.46164	-8.9310	-98.647E-6	-0.58617	6.7585E-6
	-13.00000	43.00000	-8.50000	-0.54327	-8.9310	-111.13E-6	-0.62426	7.1975E-6
	-12.00000	43.00000	-8.50000	-0.62961	-8.9310	-125.31E-6	-0.66509	7.6680E-6
	-11.00000	43.00000	-8.50000	-0.72070	-8.9310	-141.37E-6	-0.70879	8.1715E-6
	-10.00000	43.00000	-8.50000	-0.81653	-8.9310	-159.54E-6	-0.75546	8.7093E-6
	-9.00000	43.00000	-8.50000	-0.91702	-8.9310	-179.99E-6	-0.80519	9.2822E-6
	-8.00000	43.00000	-8.50000	-1.0220	-8.9310	-202.91E-6	-0.85800	9.8907E-6
	-7.00000	43.00000	-8.50000	-1.1314	-8.9310	-228.43E-6	-0.91389	10.535E-6
	-6.00000	43.00000	-8.50000	-1.2448	-8.9310	-256.61E-6	-0.97276	11.213E-6
	-5.00000	43.00000	-8.50000	-1.3619	-8.9310	-287.44E-6	-1.0344	11.923E-6
	-4.00000	43.00000	-8.50000	-1.4822	-8.9310	-320.80E-6	-1.0987	12.663E-6
	-3.00000	43.00000	-8.50000	-1.6051	-8.9310	-356.45E-6	-1.1651	13.428E-6
	-2.00000	43.00000	-8.50000	-1.7301	-8.9310	-394.01E-6	-1.2333	14.214E-6
	-1.00000	43.00000	-8.50000	-1.8564	-8.9310	-432.99E-6	-1.3028	15.014E-6
	0.00000	43.00000	-8.50000	-1.9833	-8.9310	-472.83E-6	-1.3730	15.822E-6
	1.00000	43.00000	-8.50000	-2.1101	-8.9310	-512.89E-6	-1.4432	16.631E-6
	2.00000	43.00000	-8.50000	-2.2359	-8.9310	-552.59E-6	-1.5130	17.434E-6
	3.00000	43.00000	-8.50000	-2.3600	-8.9310	-591.37E-6	-1.5817	18.226E-6
	4.00000	43.00000	-8.50000	-2.4818	-8.9310	-628.80E-6	-1.6490	19.000E-6
	5.00000	43.00000	-8.50000	-2.6005	-8.9310	-664.61E-6	-1.7143	19.753E-6
	6.00000	43.00000	-8.50000	-2.7157	-8.9310	-698.66E-6	-1.7774	20.480E-6
	7.00000	43.00000	-8.50000	-2.8269	-8.9310	-730.99E-6	-1.8382	21.180E-6
	8.00000	43.00000	-8.50000	-2.9336	-8.9310	-761.78E-6	-1.8966	21.852E-6
	9.00000	43.00000	-8.50000	-3.0355	-8.9310	-791.38E-6	-1.9525	22.496E-6
	10.00000	43.00000	-8.50000	-3.1325	-8.9310	-820.23E-6	-2.0062	23.114E-6
	11.00000	43.00000	-8.50000	-3.2243	-8.9310	-848.89E-6	-2.0577	23.708E-6
	12.00000	43.00000	-8.50000	-3.3108	-8.9310	-878.04E-6	-2.1074	24.280E-6
	13.00000	43.00000	-8.50000	-3.3919	-8.9310	-908.42E-6	-2.1555	24.834E-6
	14.00000	43.00000	-8.50000	-3.4674	-8.9310	-940.80E-6	-2.2022	25.371E-6
	15.00000	43.00000	-8.50000	-3.5373	-8.9310	-975.99E-6	-2.2478	25.896E-6
	16.00000	43.00000	-8.50000	-3.6013	-8.9310	-0.0010147	-2.2923	26.409E-6
	17.00000	43.00000	-8.50000	-3.6591	-8.9310	-0.0010574	-2.3359	26.910E-6
	18.00000	43.00000	-8.50000	-3.7105	-8.9310	-0.0011044	-2.3783	27.398E-6
	19.00000	43.00000	-8.50000	-3.7548	-8.9310	-0.0011553	-2.4192	27.868E-6
	20.00000	43.00000	-8.50000	-3.7917	-8.9310	-0.0012094	-2.4579	28.312E-6
	21.00000	43.00000	-8.50000	-3.8202	-8.9310	-0.0012651	-2.4936	28.721E-6
	22.00000	43.00000	-8.50000	-3.8398	-8.9310	-0.0013204	-2.5251	29.083E-6
	23.00000	43.00000	-8.50000	-3.8494	-8.9310	-0.0013730	-2.5512	29.382E-6
	24.00000	43.00000	-8.50000	-3.8484	-8.9310	-0.0014204	-2.5707	29.605E-6
	25.00000	43.00000	-8.50000	-3.8360	-8.9310	-0.0014603	-2.5823	29.739E-6
	26.00000	43.00000	-8.50000	-3.8115	-8.9310	-0.0014909	-2.5852	29.771E-6
	27.00000	43.00000	-8.50000	-3.7745	-8.9310	-0.0015109	-2.5784	29.691E-6
	28.00000	43.00000	-8.50000	-3.7247	-8.9310	-0.0015193	-2.5613	29.494E-6
	29.00000	43.00000	-8.50000	-3.6618	-8.9310	-0.0015155	-2.5335	29.174E-6
	30.00000	43.00000	-8.50000	-3.5860	-8.9310	-0.0014994	-2.4949	28.729E-6
	31.00000	43.00000	-8.50000	-3.4976	-8.9310	-0.0014706	-2.4455	28.160E-6
	32.00000	43.00000	-8.50000	-3.3970	-8.9310	-0.0014293	-2.3855	27.469E-6
	33.00000	43.00000	-8.50000	-3.2850	-8.9310	-0.0013756	-2.3154	26.662E-6
	34.00000	43.00000	-8.50000	-3.1624	-8.9310	-0.0013101	-2.2358	25.747E-6
	35.00000	43.00000	-8.50000	-3.0304	-8.9310	-0.0012339	-2.1479	24.735E-6
	36.00000	43.00000	-8.50000	-2.8904	-8.9310	-0.0011485	-2.0529	23.642E-6
	37.00000	43.00000	-8.50000	-2.7438	-8.9310	-0.0010563	-1.9523	22.485E-6
	38.00000	43.00000	-8.50000	-2.5924	-8.9310	-959.80E-6	-1.8479	21.284E-6
	39.00000	43.00000	-8.50000	-2.4377	-8.9310	-862.22E-6	-1.7417	20.062E-6
	40.00000	43.00000	-8.50000	-2.2815	-8.9310	-766.50E-6	-1.6354	18.839E-6
	41.00000	43.00000	-8.50000	-2.1255	-8.9310	-675.23E-6	-1.5307	17.634E-6
	42.00000	43.00000	-8.50000	-1.9710	-8.9310	-590.40E-6	-1.4291	16.465E-6
	43.00000	43.00000	-8.50000	-1.8193	-8.9310	-513.28E-6	-1.3317	15.345E-6
	44.00000	43.00000	-8.50000	-1.6715	-8.9310	-444.43E-6	-1.2393	14.281E-6
	45.00000	43.00000	-8.50000	-1.5285	-8.9310	-383.87E-6	-1.1524	13.281E-6
	46.00000	43.00000	-8.50000	-1.3908	-8.9310	-331.18E-6	-1.0712	12.346E-6
	47.00000	43.00000	-8.50000	-1.2589	-8.9310	-285.72E-6	-0.99573	11.477E-6
	48.00000	43.00000	-8.50000	-1.1330	-8.9310	-246.72E-6	-0.92585	10.672E-6
	49.00000	43.00000	-8.50000	-1.0135	-8.9310	-213.38E-6	-0.86134	9.9288E-6
	50.00000	43.00000	-8.50000	-0.90024	-8.9310	-184.92E-6	-0.80188	9.2440E-6
	51.00000	43.00000	-8.50000	-0.79325	-8.9310	-160.64E-6	-0.74716	8.6135E-6
	52.00000	43.00000	-8.50000	-0.69242	-8.9310	-139.93E-6	-0.69681	8.0334E-6
	53.00000	43.00000	-8.50000	-0.59761	-8.9310	-122.22E-6	-0.65050	7.4998E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location			Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	54.00000	43.00000	-8.50000	-0.50863	-8.9310	-107.06E-6	-0.60790	7.0089E-6
	55.00000	43.00000	-8.50000	-0.42527	-8.9310	-94.057E-6	-0.56869	6.5570E-6
	56.00000	43.00000	-8.50000	-0.34731	-8.9310	-82.869E-6	-0.53257	6.1407E-6
	57.00000	43.00000	-8.50000	-0.27451	-8.9310	-73.218E-6	-0.49928	5.7570E-6
	58.00000	43.00000	-8.50000	-0.20663	-8.9310	-64.870E-6	-0.46856	5.4030E-6
	59.00000	43.00000	-8.50000	-0.14343	-8.9310	-57.628E-6	-0.44020	5.0760E-6
	60.00000	43.00000	-8.50000	-0.084675	-8.9310	-51.328E-6	-0.41397	4.7737E-6
	-20.00000	44.00000	-8.50000	-0.025176	-8.9310	-45.717E-6	-0.38909	4.4869E-6
	-19.00000	44.00000	-8.50000	-0.076705	-8.9310	-50.829E-6	-0.41202	4.7513E-6
	-18.00000	44.00000	-8.50000	-0.13182	-8.9310	-56.594E-6	-0.43657	5.0343E-6
	-17.00000	44.00000	-8.50000	-0.19064	-8.9310	-63.099E-6	-0.46286	5.3372E-6
	-16.00000	44.00000	-8.50000	-0.25329	-8.9310	-70.441E-6	-0.49099	5.6615E-6
	-15.00000	44.00000	-8.50000	-0.31989	-8.9310	-78.728E-6	-0.52108	6.0083E-6
	-14.00000	44.00000	-8.50000	-0.39052	-8.9310	-88.076E-6	-0.55324	6.3791E-6
	-13.00000	44.00000	-8.50000	-0.46525	-8.9310	-98.612E-6	-0.58760	6.7750E-6
	-12.00000	44.00000	-8.50000	-0.54411	-8.9310	-110.47E-6	-0.62424	7.1973E-6
	-11.00000	44.00000	-8.50000	-0.62711	-8.9310	-123.78E-6	-0.66326	7.6469E-6
	-10.00000	44.00000	-8.50000	-0.71422	-8.9310	-138.67E-6	-0.70472	8.1247E-6
	-9.00000	44.00000	-8.50000	-0.80534	-8.9310	-155.27E-6	-0.74865	8.6309E-6
	-8.00000	44.00000	-8.50000	-0.90033	-8.9310	-173.68E-6	-0.79507	9.1657E-6
	-7.00000	44.00000	-8.50000	-0.99900	-8.9310	-193.96E-6	-0.84392	9.7285E-6
	-6.00000	44.00000	-8.50000	-1.1011	-8.9310	-216.14E-6	-0.89511	10.318E-6
	-5.00000	44.00000	-8.50000	-1.2062	-8.9310	-240.18E-6	-0.94848	10.933E-6
	-4.00000	44.00000	-8.50000	-1.3140	-8.9310	-265.97E-6	-1.0038	11.571E-6
	-3.00000	44.00000	-8.50000	-1.4240	-8.9310	-293.33E-6	-1.0608	12.228E-6
	-2.00000	44.00000	-8.50000	-1.5357	-8.9310	-321.99E-6	-1.1192	12.900E-6
	-1.00000	44.00000	-8.50000	-1.6484	-8.9310	-351.63E-6	-1.1785	13.583E-6
	0.00000	44.00000	-8.50000	-1.7616	-8.9310	-381.87E-6	-1.2383	14.272E-6
	1.00000	44.00000	-8.50000	-1.8746	-8.9310	-412.30E-6	-1.2982	14.961E-6
	2.00000	44.00000	-8.50000	-1.9868	-8.9310	-442.54E-6	-1.3577	15.646E-6
	3.00000	44.00000	-8.50000	-2.0975	-8.9310	-472.23E-6	-1.4163	16.322E-6
	4.00000	44.00000	-8.50000	-2.2061	-8.9310	-501.07E-6	-1.4739	16.985E-6
	5.00000	44.00000	-8.50000	-2.3122	-8.9310	-528.88E-6	-1.5299	17.630E-6
	6.00000	44.00000	-8.50000	-2.4152	-8.9310	-555.57E-6	-1.5842	18.256E-6
	7.00000	44.00000	-8.50000	-2.5147	-8.9310	-581.12E-6	-1.6366	18.860E-6
	8.00000	44.00000	-8.50000	-2.6103	-8.9310	-605.66E-6	-1.6871	19.441E-6
	9.00000	44.00000	-8.50000	-2.7017	-8.9310	-629.38E-6	-1.7355	19.999E-6
	10.00000	44.00000	-8.50000	-2.7886	-8.9310	-652.57E-6	-1.7821	20.535E-6
	11.00000	44.00000	-8.50000	-2.8709	-8.9310	-675.59E-6	-1.8267	21.049E-6
	12.00000	44.00000	-8.50000	-2.9484	-8.9310	-698.84E-6	-1.8696	21.543E-6
	13.00000	44.00000	-8.50000	-3.0209	-8.9310	-722.78E-6	-1.9109	22.019E-6
	14.00000	44.00000	-8.50000	-3.0882	-8.9310	-747.88E-6	-1.9507	22.477E-6
	15.00000	44.00000	-8.50000	-3.1501	-8.9310	-774.56E-6	-1.9891	22.919E-6
	16.00000	44.00000	-8.50000	-3.2065	-8.9310	-803.19E-6	-2.0262	23.346E-6
	17.00000	44.00000	-8.50000	-3.2571	-8.9310	-834.01E-6	-2.0618	23.755E-6
	18.00000	44.00000	-8.50000	-3.3014	-8.9310	-867.01E-6	-2.0958	24.147E-6
	19.00000	44.00000	-8.50000	-3.3392	-8.9310	-901.94E-6	-2.1279	24.515E-6
	20.00000	44.00000	-8.50000	-3.3700	-8.9310	-938.19E-6	-2.1575	24.856E-6
	21.00000	44.00000	-8.50000	-3.3931	-8.9310	-974.83E-6	-2.1841	25.161E-6
	22.00000	44.00000	-8.50000	-3.4079	-8.9310	-0.0010106	-2.2068	25.422E-6
	23.00000	44.00000	-8.50000	-3.4140	-8.9310	-0.0010442	-2.2248	25.629E-6
	24.00000	44.00000	-8.50000	-3.4105	-8.9310	-0.0010740	-2.2373	25.772E-6
	25.00000	44.00000	-8.50000	-3.3971	-8.9310	-0.0010987	-2.2435	25.842E-6
	26.00000	44.00000	-8.50000	-3.3732	-8.9310	-0.0011172	-2.2425	25.831E-6
	27.00000	44.00000	-8.50000	-3.3385	-8.9310	-0.0011285	-2.2339	25.731E-6
	28.00000	44.00000	-8.50000	-3.2928	-8.9310	-0.0011320	-2.2172	25.538E-6
	29.00000	44.00000	-8.50000	-3.2359	-8.9310	-0.0011271	-2.1921	25.249E-6
	30.00000	44.00000	-8.50000	-3.1681	-8.9310	-0.0011137	-2.1585	24.861E-6
	31.00000	44.00000	-8.50000	-3.0895	-8.9310	-0.0010917	-2.1164	24.377E-6
	32.00000	44.00000	-8.50000	-3.0006	-8.9310	-0.0010611	-2.0661	23.798E-6
	33.00000	44.00000	-8.50000	-2.9020	-8.9310	-0.0010221	-2.0080	23.128E-6
	34.00000	44.00000	-8.50000	-2.7946	-8.9310	-975.34E-6	-1.9426	22.375E-6
	35.00000	44.00000	-8.50000	-2.6791	-8.9310	-921.52E-6	-1.8707	21.548E-6
	36.00000	44.00000	-8.50000	-2.5569	-8.9310	-861.76E-6	-1.7934	20.658E-6
	37.00000	44.00000	-8.50000	-2.4291	-8.9310	-797.52E-6	-1.7118	19.719E-6
	38.00000	44.00000	-8.50000	-2.2970	-8.9310	-730.51E-6	-1.6271	18.745E-6
	39.00000	44.00000	-8.50000	-2.1619	-8.9310	-662.58E-6	-1.5408	17.752E-6
	40.00000	44.00000	-8.50000	-2.0254	-8.9310	-595.54E-6	-1.4541	16.754E-6
	41.00000	44.00000	-8.50000	-1.8886	-8.9310	-531.01E-6	-1.3684	15.767E-6
	42.00000	44.00000	-8.50000	-1.7527	-8.9310	-470.28E-6	-1.2845	14.802E-6
	43.00000	44.00000	-8.50000	-1.6189	-8.9310	-414.23E-6	-1.2036	13.870E-6
	44.00000	44.00000	-8.50000	-1.4879	-8.9310	-363.37E-6	-1.1261	12.978E-6
	45.00000	44.00000	-8.50000	-1.3607	-8.9310	-317.85E-6	-1.0526	12.131E-6
	46.00000	44.00000	-8.50000	-1.2377	-8.9310	-277.57E-6	-0.98324	11.333E-6
	47.00000	44.00000	-8.50000	-1.1194	-8.9310	-242.22E-6	-0.91825	10.584E-6
	48.00000	44.00000	-8.50000	-1.0062	-8.9310	-211.40E-6	-0.85757	9.8854E-6
	49.00000	44.00000	-8.50000	-0.89815	-8.9310	-184.64E-6	-0.80109	9.2348E-6
	50.00000	44.00000	-8.50000	-0.79545	-8.9310	-161.47E-6	-0.74865	8.6307E-6
	51.00000	44.00000	-8.50000	-0.69809	-8.9310	-141.45E-6	-0.70004	8.0706E-6
	52.00000	44.00000	-8.50000	-0.60605	-8.9310	-124.15E-6	-0.65503	7.5519E-6
	53.00000	44.00000	-8.50000	-0.51925	-8.9310	-109.20E-6	-0.61337	7.0719E-6
	54.00000	44.00000	-8.50000	-0.43757	-8.9310	-96.272E-6	-0.57483	6.6278E-6
	55.00000	44.00000	-8.50000	-0.36085	-8.9310	-85.073E-6	-0.53917	6.2168E-6
	56.00000	44.00000	-8.50000	-0.28893	-8.9310	-75.356E-6	-0.50617	5.8364E-6
	57.00000	44.00000	-8.50000	-0.22162	-8.9310	-66.908E-6	-0.47561	5.4843E-6
	58.00000	44.00000	-8.50000	-0.15875	-8.9310	-59.549E-6	-0.44731	5.1580E-6
	59.00000	44.00000	-8.50000	-0.10010	-8.9310	-53.123E-6	-0.42107	4.8555E-6
	60.00000	44.00000	-8.50000	-0.045483	-8.9310	-47.498E-6	-0.39672	4.5749E-6
	-20.00000	45.00000	-8.50000	0.013290	-8.9310	-42.036E-6	-0.37213	4.2914E-6
	-19.00000	45.00000	-8.50000	-0.034351	-8.9310	-46.551E-6	-0.39333	4.5358E-6
	-18.00000	45.00000	-8.50000	-0.085226	-8.9310	-51.612E-6	-0.41595	4.7965E-6
	-17.00000	45.00000	-8.50000	-0.13944	-8.9310	-57.285E-6	-0.44008	5.0747E-6
	-16.00000	45.00000	-8.50000	-0.19709	-8.9310	-63.645E-6	-0.46580	5.3712E-6
	-15.00000	45.00000	-8.50000	-0.25825	-8.9310	-70.771E-6	-0.49321	5.6871E-6
	-14.00000	45.00000	-8.50000	-0.32300	-8.9310	-78.748E-6	-0.52239	6.0235E-6
	-13.00000	45.00000	-8.50000	-0.39136	-8.9310	-87.666E-6	-0.55342	6.3811E-6
	-12.00000	45.00000	-8.50000	-0.46335	-8.9310	-97.617E-6	-0.58637	6.7608E-6
	-11.00000	45.00000	-8.50000	-0.53896	-8.9310	-108.69E-6	-0.62129	7.1633E-6
	-10.00000	45.00000	-8.50000	-0.61813	-8.9310	-120.97E-6	-0.65821	7.5888E-6
	-9.00000	45.00000	-8.50000	-0.70076	-8.9310	-134.54E-6	-0.69716	8.0376E-6
	-8.00000	45.00000	-8.50000	-0.78672	-8.9310	-149.44E-6	-0.73811	8.5095E-6
	-7.00000	45.00000	-8.50000	-0.87581	-8.9310	-165.72E-6	-0.78100	9.0037E-6
	-6.00000	45.00000	-8.50000	-0.96778	-8.9310	-183.37E-6	-0.82575

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	33.00000	45.00000	-8.50000	-2.5622	-8.9310	-776.82E-6	-1.7578	20.250E-6
	34.00000	45.00000	-8.50000	-2.4676	-8.9310	-742.71E-6	-1.7034	19.624E-6
	35.00000	45.00000	-8.50000	-2.3663	-8.9310	-703.83E-6	-1.6440	18.941E-6
	36.00000	45.00000	-8.50000	-2.2592	-8.9310	-660.97E-6	-1.5803	18.207E-6
	37.00000	45.00000	-8.50000	-2.1472	-8.9310	-615.09E-6	-1.5132	17.435E-6
	38.00000	45.00000	-8.50000	-2.0315	-8.9310	-567.29E-6	-1.4436	16.634E-6
	39.00000	45.00000	-8.50000	-1.9131	-8.9310	-518.74E-6	-1.3726	15.816E-6
	40.00000	45.00000	-8.50000	-1.7932	-8.9310	-470.58E-6	-1.3010	14.992E-6
	41.00000	45.00000	-8.50000	-1.6729	-8.9310	-423.86E-6	-1.2299	14.173E-6
	42.00000	45.00000	-8.50000	-1.5530	-8.9310	-379.43E-6	-1.1600	13.368E-6
	43.00000	45.00000	-8.50000	-1.4346	-8.9310	-337.93E-6	-1.0920	12.585E-6
	44.00000	45.00000	-8.50000	-1.3184	-8.9310	-299.75E-6	-1.0265	11.831E-6
	45.00000	45.00000	-8.50000	-1.2050	-8.9310	-265.09E-6	-0.96388	11.110E-6
	46.00000	45.00000	-8.50000	-1.0951	-8.9310	-233.97E-6	-0.90439	10.425E-6
	47.00000	45.00000	-8.50000	-0.98898	-8.9310	-206.25E-6	-0.84818	9.7773E-6
	48.00000	45.00000	-8.50000	-0.88701	-8.9310	-181.73E-6	-0.79531	9.1683E-6
	49.00000	45.00000	-8.50000	-0.78941	-8.9310	-160.16E-6	-0.74575	8.5972E-6
	50.00000	45.00000	-8.50000	-0.69631	-8.9310	-141.24E-6	-0.69941	8.0633E-6
	51.00000	45.00000	-8.50000	-0.60779	-8.9310	-124.68E-6	-0.65617	7.5652E-6
	52.00000	45.00000	-8.50000	-0.52387	-8.9310	-110.22E-6	-0.61589	7.1010E-6
	53.00000	45.00000	-8.50000	-0.44449	-8.9310	-97.591E-6	-0.57841	6.6690E-6
	54.00000	45.00000	-8.50000	-0.36960	-8.9310	-86.561E-6	-0.54354	6.2671E-6
	55.00000	45.00000	-8.50000	-0.29910	-8.9310	-76.922E-6	-0.51112	5.8935E-6
	56.00000	45.00000	-8.50000	-0.23286	-8.9310	-68.490E-6	-0.48097	5.5460E-6
	57.00000	45.00000	-8.50000	-0.17074	-8.9310	-61.104E-6	-0.45294	5.2229E-6
	58.00000	45.00000	-8.50000	-0.11260	-8.9310	-54.623E-6	-0.42687	4.9224E-6
	59.00000	45.00000	-8.50000	-0.058272	-8.9310	-48.929E-6	-0.40262	4.6428E-6
	60.00000	45.00000	-8.50000	-0.0076026	-8.9310	-43.915E-6	-0.38004	4.3825E-6
	-20.00000	46.00000	-8.50000	0.050127	-8.9310	-38.651E-6	-0.35587	4.1040E-6
	-19.00000	46.00000	-8.50000	0.0061499	-8.9310	-42.640E-6	-0.37547	4.3299E-6
	-18.00000	46.00000	-8.50000	-0.040748	-8.9310	-47.085E-6	-0.39632	4.5702E-6
	-17.00000	46.00000	-8.50000	-0.090650	-8.9310	-52.037E-6	-0.41848	4.8257E-6
	-16.00000	46.00000	-8.50000	-0.14363	-8.9310	-57.553E-6	-0.44202	5.0970E-6
	-15.00000	46.00000	-8.50000	-0.19974	-8.9310	-63.692E-6	-0.46701	5.3851E-6
	-14.00000	46.00000	-8.50000	-0.25904	-8.9310	-70.515E-6	-0.49351	5.6905E-6
	-13.00000	46.00000	-8.50000	-0.32153	-8.9310	-78.088E-6	-0.52157	6.0140E-6
	-12.00000	46.00000	-8.50000	-0.38721	-8.9310	-86.472E-6	-0.55125	6.3561E-6
	-11.00000	46.00000	-8.50000	-0.45606	-8.9310	-95.729E-6	-0.58257	6.7171E-6
	-10.00000	46.00000	-8.50000	-0.52801	-8.9310	-105.92E-6	-0.61555	7.0971E-6
	-9.00000	46.00000	-8.50000	-0.60296	-8.9310	-117.07E-6	-0.65018	7.4963E-6
	-8.00000	46.00000	-8.50000	-0.68077	-8.9310	-129.24E-6	-0.68644	7.9141E-6
	-7.00000	46.00000	-8.50000	-0.76125	-8.9310	-142.42E-6	-0.72426	8.3500E-6
	-6.00000	46.00000	-8.50000	-0.84420	-8.9310	-156.61E-6	-0.76357	8.8029E-6
	-5.00000	46.00000	-8.50000	-0.92932	-8.9310	-171.76E-6	-0.80422	9.2714E-6
	-4.00000	46.00000	-8.50000	-1.0163	-8.9310	-187.80E-6	-0.84608	9.7531E-6
	-3.00000	46.00000	-8.50000	-1.1048	-8.9310	-204.63E-6	-0.88893	10.247E-6
	-2.00000	46.00000	-8.50000	-1.1944	-8.9310	-222.12E-6	-0.93257	10.750E-6
	-1.00000	46.00000	-8.50000	-1.2847	-8.9310	-240.10E-6	-0.97674	11.259E-6
	0.00000	46.00000	-8.50000	-1.3753	-8.9310	-258.41E-6	-1.0212	11.771E-6
	1.00000	46.00000	-8.50000	-1.4656	-8.9310	-276.84E-6	-1.0656	12.283E-6
	2.00000	46.00000	-8.50000	-1.5552	-8.9310	-295.23E-6	-1.1098	12.792E-6
	3.00000	46.00000	-8.50000	-1.6438	-8.9310	-313.42E-6	-1.1534	13.295E-6
	4.00000	46.00000	-8.50000	-1.7307	-8.9310	-331.26E-6	-1.1963	13.789E-6
	5.00000	46.00000	-8.50000	-1.8157	-8.9310	-348.65E-6	-1.2382	14.271E-6
	6.00000	46.00000	-8.50000	-1.8982	-8.9310	-365.55E-6	-1.2789	14.741E-6
	7.00000	46.00000	-8.50000	-1.9781	-8.9310	-381.92E-6	-1.3184	15.196E-6
	8.00000	46.00000	-8.50000	-2.0549	-8.9310	-397.81E-6	-1.3565	15.635E-6
	9.00000	46.00000	-8.50000	-2.1284	-8.9310	-413.29E-6	-1.3931	16.057E-6
	10.00000	46.00000	-8.50000	-2.1983	-8.9310	-428.45E-6	-1.4283	16.462E-6
	11.00000	46.00000	-8.50000	-2.2644	-8.9310	-443.44E-6	-1.4620	16.849E-6
	12.00000	46.00000	-8.50000	-2.3265	-8.9310	-458.39E-6	-1.4941	17.220E-6
	13.00000	46.00000	-8.50000	-2.3844	-8.9310	-473.49E-6	-1.5248	17.573E-6
	14.00000	46.00000	-8.50000	-2.4378	-8.9310	-488.87E-6	-1.5540	17.909E-6
	15.00000	46.00000	-8.50000	-2.4867	-8.9310	-504.66E-6	-1.5816	18.228E-6
	16.00000	46.00000	-8.50000	-2.5306	-8.9310	-520.95E-6	-1.6077	18.528E-6
	17.00000	46.00000	-8.50000	-2.5695	-8.9310	-537.74E-6	-1.6321	18.808E-6
	18.00000	46.00000	-8.50000	-2.6030	-8.9310	-554.98E-6	-1.6546	19.068E-6
	19.00000	46.00000	-8.50000	-2.6308	-8.9310	-572.46E-6	-1.6750	19.303E-6
	20.00000	46.00000	-8.50000	-2.6526	-8.9310	-589.90E-6	-1.6931	19.511E-6
	21.00000	46.00000	-8.50000	-2.6680	-8.9310	-606.88E-6	-1.7084	19.687E-6
	22.00000	46.00000	-8.50000	-2.6767	-8.9310	-622.91E-6	-1.7204	19.827E-6
	23.00000	46.00000	-8.50000	-2.6782	-8.9310	-637.44E-6	-1.7292	19.926E-6
	24.00000	46.00000	-8.50000	-2.6723	-8.9310	-649.88E-6	-1.7339	19.979E-6
	25.00000	46.00000	-8.50000	-2.6586	-8.9310	-659.67E-6	-1.7341	19.982E-6
	26.00000	46.00000	-8.50000	-2.6370	-8.9310	-666.32E-6	-1.7296	19.930E-6
	27.00000	46.00000	-8.50000	-2.6071	-8.9310	-669.41E-6	-1.7201	19.819E-6
	28.00000	46.00000	-8.50000	-2.5690	-8.9310	-668.62E-6	-1.7053	19.648E-6
	29.00000	46.00000	-8.50000	-2.5227	-8.9310	-663.71E-6	-1.6851	19.415E-6
	30.00000	46.00000	-8.50000	-2.4683	-8.9310	-654.57E-6	-1.6594	19.120E-6
	31.00000	46.00000	-8.50000	-2.4059	-8.9310	-641.16E-6	-1.6284	18.763E-6
	32.00000	46.00000	-8.50000	-2.3361	-8.9310	-623.55E-6	-1.5922	18.346E-6
	33.00000	46.00000	-8.50000	-2.2592	-8.9310	-601.92E-6	-1.5511	17.873E-6
	34.00000	46.00000	-8.50000	-2.1758	-8.9310	-576.58E-6	-1.5056	17.348E-6
	35.00000	46.00000	-8.50000	-2.0866	-8.9310	-547.94E-6	-1.4559	16.776E-6
	36.00000	46.00000	-8.50000	-1.9924	-8.9310	-516.54E-6	-1.4029	16.166E-6
	37.00000	46.00000	-8.50000	-1.8940	-8.9310	-483.03E-6	-1.3471	15.523E-6
	38.00000	46.00000	-8.50000	-1.7922	-8.9310	-448.15E-6	-1.2892	14.856E-6
	39.00000	46.00000	-8.50000	-1.6881	-8.9310	-412.66E-6	-1.2300	14.175E-6
	40.00000	46.00000	-8.50000	-1.5825	-8.9310	-377.30E-6	-1.1703	13.487E-6
	41.00000	46.00000	-8.50000	-1.4762	-8.9310	-342.78E-6	-1.1107	12.801E-6
	42.00000	46.00000	-8.50000	-1.3702	-8.9310	-309.67E-6	-1.0519	12.124E-6
	43.00000	46.00000	-8.50000	-1.2652	-8.9310	-278.42E-6	-0.99435	11.461E-6
	44.00000	46.00000	-8.50000	-1.1619	-8.9310	-249.34E-6	-0.93858	10.819E-6
	45.00000	46.00000	-8.50000	-1.0607	-8.9310	-222.62E-6	-0.88491	10.200E-6
	46.00000	46.00000	-8.50000	-0.96236	-8.9310	-198.32E-6	-0.83359	9.6092E-6
	47.00000	46.00000	-8.50000	-0.86710	-8.9310	-176.40E-6	-0.78477	9.0468E-6
	48.00000	46.00000	-8.50000	-0.77528	-8.9310	-156.78E-6	-0.73854	8.5143E-6
	49.00000	46.00000	-8.50000	-0.68711	-8.9310	-139.29E-6	-0.69493	8.0117E-6
	50.00000	46.00000	-8.50000	-0.60277	-8.9310	-123.78E-6	-0.65390	7.5389E-6
	51.00000	46.00000	-8.50000	-0.52234	-8.9310	-110.06E-6	-0.61539	7.0952E-6
	52.00000	46.00000	-8.50000	-0.44587	-8.9310	-97.944E-6	-0.57931	6.6794E-6
	53.00000	46.00000	-8.50000	-0.37337	-8.9310	-87.262E-6	-0.54555	6.2903E-6
	54.00000	46.00000	-8.50000	-0.30480	-8.9310	-77.847E-6	-0.51399	5.9266E-6
	55.00000	46.00000	-8.50000	-0.24009	-8.9310	-69.550E-6	-0.48451	5.5868E-6
	56.00000	46.00000	-8.50000	-0.17917	-8.9310	-62.235E-6	-0.45698	5.2694E-6
	57.00000	46.00000	-8.50000	-0.12194	-8.9310	-55.780E-6	-0.43127	4.9731E-6
	58.00000	46.00000	-8.50000	-0.068264	-8.9310	-50.079E-6	-0.40727	4.6965E-6
	59.00000	46.00000	-8.50000	-0.018032	-8.9310	-45.037E-6	-0.38486	4.4381E-6
	60.00000	46.00000	-8.50000	0.028890	-8.9310	-40.573E-6	-0.36393	4.1968E-6
	-20.00000	47.00000	-8.50000	0.085302	-8.9310	-35.543E-6	-0.34031	3.9246E-6
	-19.00000	47.00000	-8.50000	0.044770	-8.9310	-39.069E-6	-0.35844	4.1335E-6
	-18.00000	47.00000	-8.50000	0.0016007	-8.9310	-42.976E-6	-0.37765	4.3550E-6
	-17.00000	47.00000	-8.50000	-0.044272	-8.9310	-47.304E-6	-0.39801	4.5898E-6
	-16.00000	47.00000	-8.50000	-0.092902	-8.9310	-52.096E-6	-0.41957	4.8383E-6
	-15.00000	47.00000	-8.50000	-0.14433	-8.9310	-57.395E-6	-0.44237	5.1011E-6
	-14.00000	47.00000	-8.50000	-0.19858	-8.9310	-63.247E-6	-0.46647	5.3789E-6
	-13.00000	47.00000	-8.50000	-0.25567	-8.9310	-69.696E-6	-0.49189	5.6719E-6
	-12.00000	47.00000	-8.50000	-0.31557	-8.9310	-76.788E-6	-0.51867	5.9806E-6
	-11.00000	47.00000	-8.50000	-0.37824	-8.9310	-84.563E-6	-0.54683	6.3051E-6
	-10.00000	47.00000	-8.50000	-0.44361	-8.9310	-93.056E-6	-0.57636	6.6455E-6
	-9.00000	47.00000	-8.50000	-0.51159	-8.9310	-102.29E-6	-0.60725	7.0015E-6
	-8.00000	47.00000	-8.50000	-0.58204	-8.9310	-112.29E-6	-0.63947	7.3728E-6
	-7.00000	47.00000	-8.50000	-0.65480	-8.9310	-123.06E-6	-0.67295	7.7588E-6
	-6.00000	47.00000	-8.50000	-0.72964	-8.9310	-134.57E-6	-0.70762	8.1583E-6
	-5.00000	47.00000	-8.50000	-0.80634	-8.9310	-146.79E-6	-0.74337	8.5703E-6
	-4.00000	47.00000	-8.50000	-0.88461	-8.9310	-159.66E-6	-0.78006	8.9931E-6
	-3.00000	47.00000	-8.50000	-0.96414	-8.9310	-173.11E-6	-0.81754	9.4249E-6
	-2.00000	47.00000	-8.50000	-1.0446	-8.9310	-187.04E-6	-0.85561	9.8637E-6
	-1.00000	47.00000	-8.50000	-1.1256	-8.9310	-201.33E-6	-0.89409	10.307E-6
	0.00000	47.00000	-8.50000	-1.2068	-8.9310	-215.86E-6	-0.93276	10.753E-6
	1.00000	47.00000	-8.50000	-1.2877	-8.9310	-230.51E-6	-0.97140	11.198E-6
	2.00000	47.00000	-8.50000	-1.3680	-8.9310	-245.13E-6	-1.0098	11.640E-6
	3.00000	47.00000	-8.50000	-1.4473	-8.9310	-259.63E-6	-1.0477	12.078E-6
	4.00000	47.00000	-8.50000	-1.5253	-8.9310	-273.90E-6	-1.0850	12.507E-6
	5.00000	47.00000	-8.50000	-1.6014	-8.9310	-287.86E-6	-1.1215	12.928E-6
	6.00000	47.00000	-8.50000	-1.6755	-8.9310	-301.49E-6	-1.1570	13.337E-6
	7.00000	47.00000	-8.50000	-1.7471	-8.9310	-314.74E-6	-1.1915	13.734E-6
	8.00000	47.00000	-8.50000	-1.8160	-8.9310	-327.65E-6	-1.2247	14.117E-6
	9.00000	47.00000	-8.50000	-1.8819	-8.9310	-340.24E-6	-1.2567	14.485E-6
	10.00000	47.00000	-8.50000	-1.9446	-8.9310	-352.57E-6	-1.2874	14.839E-6
	11.00000	47.00000	-8.50000	-2.0039	-8.9310	-364.73E-6	-1.3167	15.176E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 06-Feb-2015	**Checked**

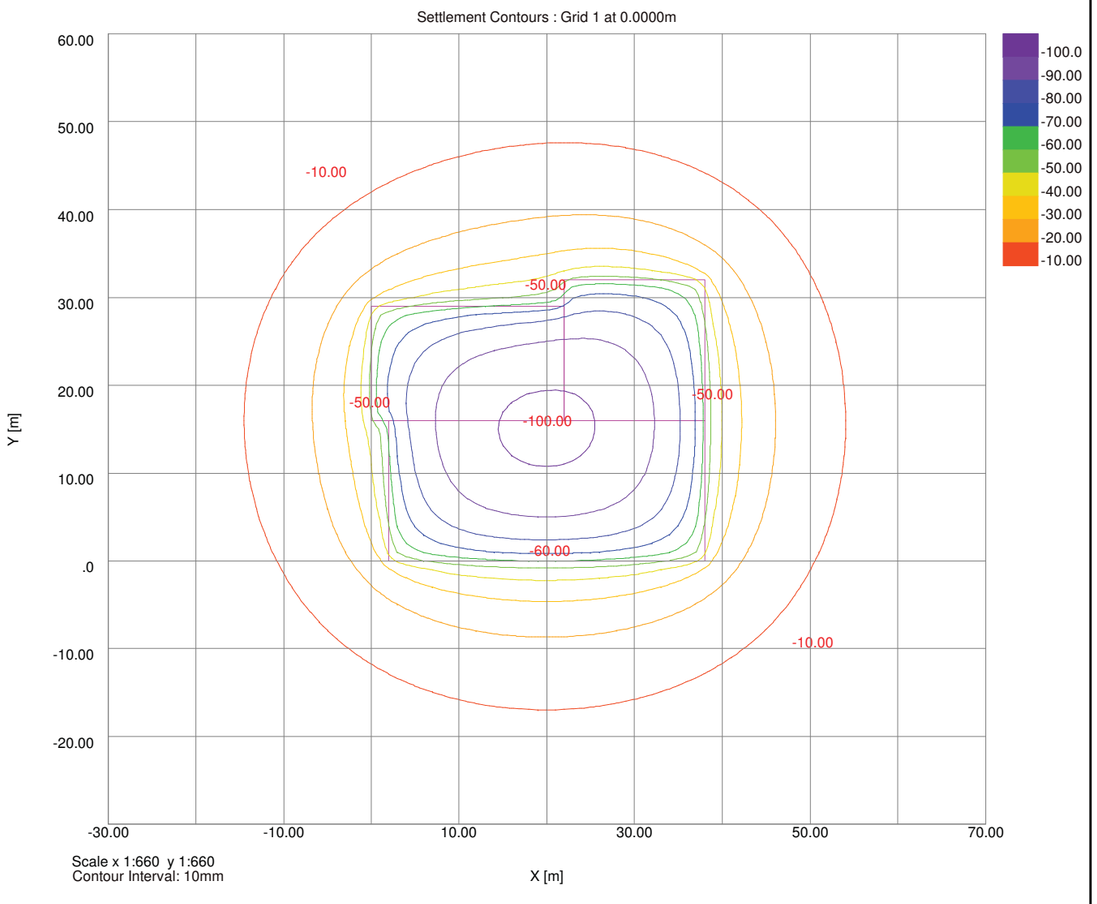
Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	12.00000	47.00000	-8.50000	-2.0594	-8.9310	-376.80E-6	-1.3446	15.498E-6
	13.00000	47.00000	-8.50000	-2.1111	-8.9310	-388.88E-6	-1.3712	15.804E-6
	14.00000	47.00000	-8.50000	-2.1588	-8.9310	-401.04E-6	-1.3963	16.093E-6
	15.00000	47.00000	-8.50000	-2.2022	-8.9310	-413.36E-6	-1.4199	16.365E-6
	16.00000	47.00000	-8.50000	-2.2411	-8.9310	-425.85E-6	-1.4419	16.619E-6
	17.00000	47.00000	-8.50000	-2.2753	-8.9310	-438.52E-6	-1.4623	16.853E-6
	18.00000	47.00000	-8.50000	-2.3045	-8.9310	-451.27E-6	-1.4809	17.067E-6
	19.00000	47.00000	-8.50000	-2.3285	-8.9310	-463.97E-6	-1.4974	17.258E-6
	20.00000	47.00000	-8.50000	-2.3470	-8.9310	-476.40E-6	-1.5117	17.423E-6
	21.00000	47.00000	-8.50000	-2.3597	-8.9310	-488.30E-6	-1.5236	17.559E-6
	22.00000	47.00000	-8.50000	-2.3663	-8.9310	-499.33E-6	-1.5326	17.662E-6
	23.00000	47.00000	-8.50000	-2.3665	-8.9310	-509.12E-6	-1.5385	17.730E-6
	24.00000	47.00000	-8.50000	-2.3601	-8.9310	-517.29E-6	-1.5410	17.759E-6
	25.00000	47.00000	-8.50000	-2.3468	-8.9310	-523.48E-6	-1.5398	17.745E-6
	26.00000	47.00000	-8.50000	-2.3265	-8.9310	-527.36E-6	-1.5347	17.685E-6
	27.00000	47.00000	-8.50000	-2.2991	-8.9310	-528.65E-6	-1.5253	17.577E-6
	28.00000	47.00000	-8.50000	-2.2645	-8.9310	-527.11E-6	-1.5117	17.420E-6
	29.00000	47.00000	-8.50000	-2.2227	-8.9310	-522.61E-6	-1.4936	17.212E-6
	30.00000	47.00000	-8.50000	-2.1739	-8.9310	-515.05E-6	-1.4711	16.953E-6
	31.00000	47.00000	-8.50000	-2.1183	-8.9310	-504.41E-6	-1.4443	16.644E-6
	32.00000	47.00000	-8.50000	-2.0563	-8.9310	-490.78E-6	-1.4133	16.287E-6
	33.00000	47.00000	-8.50000	-1.9881	-8.9310	-474.27E-6	-1.3784	15.885E-6
	34.00000	47.00000	-8.50000	-1.9144	-8.9310	-455.13E-6	-1.3398	15.440E-6
	35.00000	47.00000	-8.50000	-1.8356	-8.9310	-433.65E-6	-1.2980	14.959E-6
	36.00000	47.00000	-8.50000	-1.7525	-8.9310	-410.21E-6	-1.2534	14.445E-6
	37.00000	47.00000	-8.50000	-1.6657	-8.9310	-385.27E-6	-1.2065	13.905E-6
	38.00000	47.00000	-8.50000	-1.5760	-8.9310	-359.31E-6	-1.1579	13.345E-6
	39.00000	47.00000	-8.50000	-1.4841	-8.9310	-332.85E-6	-1.1082	12.772E-6
	40.00000	47.00000	-8.50000	-1.3908	-8.9310	-306.40E-6	-1.0578	12.192E-6
	41.00000	47.00000	-8.50000	-1.2968	-8.9310	-280.42E-6	-1.0074	11.612E-6
	42.00000	47.00000	-8.50000	-1.2028	-8.9310	-255.33E-6	-0.95751	11.037E-6
	43.00000	47.00000	-8.50000	-1.1095	-8.9310	-231.45E-6	-0.90845	10.472E-6
	44.00000	47.00000	-8.50000	-1.0174	-8.9310	-209.01E-6	-0.86065	9.9210E-6
	45.00000	47.00000	-8.50000	-0.92709	-8.9310	-188.18E-6	-0.81438	9.3880E-6
	46.00000	47.00000	-8.50000	-0.83898	-8.9310	-169.02E-6	-0.76989	8.8754E-6
	47.00000	47.00000	-8.50000	-0.75342	-8.9310	-151.55E-6	-0.72731	8.3848E-6
	48.00000	47.00000	-8.50000	-0.67072	-8.9310	-135.73E-6	-0.68676	7.9176E-6
	49.00000	47.00000	-8.50000	-0.59109	-8.9310	-121.49E-6	-0.64827	7.4741E-6
	50.00000	47.00000	-8.50000	-0.51470	-8.9310	-108.72E-6	-0.61186	7.0545E-6
	51.00000	47.00000	-8.50000	-0.44166	-8.9310	-97.308E-6	-0.57750	6.6585E-6
	52.00000	47.00000	-8.50000	-0.37205	-8.9310	-87.137E-6	-0.54514	6.2856E-6
	53.00000	47.00000	-8.50000	-0.30589	-8.9310	-78.088E-6	-0.51471	5.9349E-6
	54.00000	47.00000	-8.50000	-0.24318	-8.9310	-70.044E-6	-0.48613	5.6055E-6
	55.00000	47.00000	-8.50000	-0.18388	-8.9310	-62.899E-6	-0.45932	5.2964E-6
	56.00000	47.00000	-8.50000	-0.12793	-8.9310	-56.552E-6	-0.43417	5.0065E-6
	57.00000	47.00000	-8.50000	-0.075271	-8.9310	-50.912E-6	-0.41060	4.7348E-6
	58.00000	47.00000	-8.50000	-0.025806	-8.9310	-45.898E-6	-0.38851	4.4802E-6
	59.00000	47.00000	-8.50000	0.020560	-8.9310	-41.438E-6	-0.36781	4.2415E-6
	60.00000	47.00000	-8.50000	0.063933	-8.9310	-37.465E-6	-0.34841	4.0179E-6
	-20.00000	48.00000	-8.50000	0.11880	-8.9310	-32.694E-6	-0.32544	3.7531E-6
	-19.00000	48.00000	-8.50000	0.081498	-8.9310	-35.812E-6	-0.34220	3.9464E-6
	-18.00000	48.00000	-8.50000	0.041817	-8.9310	-39.250E-6	-0.35992	4.1506E-6
	-17.00000	48.00000	-8.50000	-296.37E-6	-8.9310	-43.038E-6	-0.37864	4.3664E-6
	-16.00000	48.00000	-8.50000	-0.044882	-8.9310	-47.207E-6	-0.39840	4.5942E-6
	-15.00000	48.00000	-8.50000	-0.091968	-8.9310	-51.791E-6	-0.41923	4.8343E-6
	-14.00000	48.00000	-8.50000	-0.14157	-8.9310	-56.823E-6	-0.44117	5.0872E-6
	-13.00000	48.00000	-8.50000	-0.19367	-8.9310	-62.334E-6	-0.46423	5.3531E-6
	-12.00000	48.00000	-8.50000	-0.24826	-8.9310	-68.356E-6	-0.48844	5.6322E-6
	-11.00000	48.00000	-8.50000	-0.30529	-8.9310	-74.915E-6	-0.51380	5.9245E-6
	-10.00000	48.00000	-8.50000	-0.36468	-8.9310	-82.034E-6	-0.54031	6.2301E-6
	-9.00000	48.00000	-8.50000	-0.42634	-8.9310	-89.729E-6	-0.56795	6.5486E-6
	-8.00000	48.00000	-8.50000	-0.49014	-8.9310	-98.006E-6	-0.59667	6.8796E-6
	-7.00000	48.00000	-8.50000	-0.55592	-8.9310	-106.86E-6	-0.62642	7.2225E-6
	-6.00000	48.00000	-8.50000	-0.62349	-8.9310	-116.28E-6	-0.65713	7.5764E-6
	-5.00000	48.00000	-8.50000	-0.69265	-8.9310	-126.23E-6	-0.68870	7.9403E-6
	-4.00000	48.00000	-8.50000	-0.76314	-8.9310	-136.66E-6	-0.72101	8.3127E-6
	-3.00000	48.00000	-8.50000	-0.83468	-8.9310	-147.53E-6	-0.75394	8.6922E-6
	-2.00000	48.00000	-8.50000	-0.90698	-8.9310	-158.74E-6	-0.78734	9.0770E-6
	-1.00000	48.00000	-8.50000	-0.97973	-8.9310	-170.23E-6	-0.82103	9.4653E-6
	0.00000	48.00000	-8.50000	-1.0526	-8.9310	-181.90E-6	-0.85485	9.8551E-6
	1.00000	48.00000	-8.50000	-1.1252	-8.9310	-193.66E-6	-0.88863	10.244E-6
	2.00000	48.00000	-8.50000	-1.1973	-8.9310	-205.42E-6	-0.92218	10.631E-6
	3.00000	48.00000	-8.50000	-1.2684	-8.9310	-217.09E-6	-0.95533	11.013E-6
	4.00000	48.00000	-8.50000	-1.3383	-8.9310	-228.61E-6	-0.98793	11.389E-6
	5.00000	48.00000	-8.50000	-1.4066	-8.9310	-239.93E-6	-1.0198	11.756E-6
	6.00000	48.00000	-8.50000	-1.4730	-8.9310	-250.99E-6	-1.0509	12.114E-6
	7.00000	48.00000	-8.50000	-1.5373	-8.9310	-261.79E-6	-1.0810	12.461E-6
	8.00000	48.00000	-8.50000	-1.5991	-8.9310	-272.33E-6	-1.1101	12.797E-6
	9.00000	48.00000	-8.50000	-1.6583	-8.9310	-282.62E-6	-1.1381	13.119E-6
	10.00000	48.00000	-8.50000	-1.7145	-8.9310	-292.70E-6	-1.1649	13.428E-6
	11.00000	48.00000	-8.50000	-1.7676	-8.9310	-302.60E-6	-1.1905	13.723E-6
	12.00000	48.00000	-8.50000	-1.8173	-8.9310	-312.39E-6	-1.2148	14.003E-6
	13.00000	48.00000	-8.50000	-1.8636	-8.9310	-322.10E-6	-1.2379	14.269E-6
	14.00000	48.00000	-8.50000	-1.9061	-8.9310	-331.79E-6	-1.2595	14.518E-6
	15.00000	48.00000	-8.50000	-1.9447	-8.9310	-341.47E-6	-1.2798	14.751E-6
	16.00000	48.00000	-8.50000	-1.9791	-8.9310	-351.16E-6	-1.2985	14.967E-6
	17.00000	48.00000	-8.50000	-2.0092	-8.9310	-360.82E-6	-1.3156	15.164E-6
	18.00000	48.00000	-8.50000	-2.0348	-8.9310	-370.38E-6	-1.3311	15.342E-6
	19.00000	48.00000	-8.50000	-2.0556	-8.9310	-379.75E-6	-1.3446	15.498E-6
	20.00000	48.00000	-8.50000	-2.0713	-8.9310	-388.76E-6	-1.3561	15.630E-6
	21.00000	48.00000	-8.50000	-2.0818	-8.9310	-397.22E-6	-1.3653	15.736E-6
	22.00000	48.00000	-8.50000	-2.0869	-8.9310	-404.92E-6	-1.3720	15.813E-6
	23.00000	48.00000	-8.50000	-2.0862	-8.9310	-411.60E-6	-1.3760	15.859E-6
	24.00000	48.00000	-8.50000	-2.0796	-8.9310	-417.01E-6	-1.3770	15.871E-6
	25.00000	48.00000	-8.50000	-2.0669	-8.9310	-420.91E-6	-1.3750	15.847E-6
	26.00000	48.00000	-8.50000	-2.0481	-8.9310	-423.07E-6	-1.3695	15.784E-6
	27.00000	48.00000	-8.50000	-2.0229	-8.9310	-423.30E-6	-1.3606	15.681E-6
	28.00000	48.00000	-8.50000	-1.9915	-8.9310	-421.46E-6	-1.3481	15.537E-6
	29.00000	48.00000	-8.50000	-1.9539	-8.9310	-417.43E-6	-1.3320	15.352E-6
	30.00000	48.00000	-8.50000	-1.9101	-8.9310	-411.16E-6	-1.3123	15.124E-6
	31.00000	48.00000	-8.50000	-1.8605	-8.9310	-402.65E-6

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-9.00000	49.00000	-8.50000	-0.34687	-8.9310	-78.999E-6	-0.53191	6.1332E-6
	-8.00000	49.00000	-8.50000	-0.40465	-8.9310	-85.895E-6	-0.55759	6.4292E-6
	-7.00000	49.00000	-8.50000	-0.46414	-8.9310	-93.233E-6	-0.58411	6.7349E-6
	-6.00000	49.00000	-8.50000	-0.52517	-8.9310	-101.00E-6	-0.61141	7.0495E-6
	-5.00000	49.00000	-8.50000	-0.58756	-8.9310	-109.17E-6	-0.63939	7.3721E-6
	-4.00000	49.00000	-8.50000	-0.65108	-8.9310	-117.70E-6	-0.66798	7.7016E-6
	-3.00000	49.00000	-8.50000	-0.71549	-8.9310	-126.56E-6	-0.69704	8.0365E-6
	-2.00000	49.00000	-8.50000	-0.78052	-8.9310	-135.68E-6	-0.72646	8.3756E-6
	-1.00000	49.00000	-8.50000	-0.84591	-8.9310	-145.01E-6	-0.75610	8.7172E-6
	0.00000	49.00000	-8.50000	-0.91137	-8.9310	-154.47E-6	-0.78583	9.0598E-6
	1.00000	49.00000	-8.50000	-0.97659	-8.9310	-164.01E-6	-0.81548	9.4015E-6
	2.00000	49.00000	-8.50000	-1.0413	-8.9310	-173.55E-6	-0.84493	9.7409E-6
	3.00000	49.00000	-8.50000	-1.1051	-8.9310	-183.04E-6	-0.87402	10.076E-6
	4.00000	49.00000	-8.50000	-1.1679	-8.9310	-192.42E-6	-0.90262	10.406E-6
	5.00000	49.00000	-8.50000	-1.2292	-8.9310	-201.66E-6	-0.93062	10.728E-6
	6.00000	49.00000	-8.50000	-1.2888	-8.9310	-210.71E-6	-0.95789	11.043E-6
	7.00000	49.00000	-8.50000	-1.3465	-8.9310	-219.56E-6	-0.98434	11.348E-6
	8.00000	49.00000	-8.50000	-1.4020	-8.9310	-228.21E-6	-1.0099	11.642E-6
	9.00000	49.00000	-8.50000	-1.4551	-8.9310	-236.66E-6	-1.0344	11.925E-6
	10.00000	49.00000	-8.50000	-1.5055	-8.9310	-244.92E-6	-1.0579	12.196E-6
	11.00000	49.00000	-8.50000	-1.5531	-8.9310	-253.03E-6	-1.0803	12.454E-6
	12.00000	49.00000	-8.50000	-1.5977	-8.9310	-260.99E-6	-1.1016	12.698E-6
	13.00000	49.00000	-8.50000	-1.6390	-8.9310	-268.85E-6	-1.1216	12.929E-6
	14.00000	49.00000	-8.50000	-1.6769	-8.9310	-276.61E-6	-1.1403	13.145E-6
	15.00000	49.00000	-8.50000	-1.7112	-8.9310	-284.29E-6	-1.1577	13.346E-6
	16.00000	49.00000	-8.50000	-1.7418	-8.9310	-291.86E-6	-1.1737	13.530E-6
	17.00000	49.00000	-8.50000	-1.7684	-8.9310	-299.31E-6	-1.1883	13.697E-6
	18.00000	49.00000	-8.50000	-1.7908	-8.9310	-306.58E-6	-1.2011	13.845E-6
	19.00000	49.00000	-8.50000	-1.8088	-8.9310	-313.58E-6	-1.2123	13.974E-6
	20.00000	49.00000	-8.50000	-1.8223	-8.9310	-320.20E-6	-1.2216	14.081E-6
	21.00000	49.00000	-8.50000	-1.8311	-8.9310	-326.31E-6	-1.2288	14.164E-6
	22.00000	49.00000	-8.50000	-1.8349	-8.9310	-331.75E-6	-1.2338	14.221E-6
	23.00000	49.00000	-8.50000	-1.8336	-8.9310	-336.35E-6	-1.2364	14.252E-6
	24.00000	49.00000	-8.50000	-1.8270	-8.9310	-339.95E-6	-1.2365	14.252E-6
	25.00000	49.00000	-8.50000	-1.8150	-8.9310	-342.37E-6	-1.2339	14.222E-6
	26.00000	49.00000	-8.50000	-1.7976	-8.9310	-343.47E-6	-1.2285	14.160E-6
	27.00000	49.00000	-8.50000	-1.7746	-8.9310	-343.11E-6	-1.2201	14.063E-6
	28.00000	49.00000	-8.50000	-1.7462	-8.9310	-341.19E-6	-1.2088	13.932E-6
	29.00000	49.00000	-8.50000	-1.7123	-8.9310	-337.64E-6	-1.1944	13.767E-6
	30.00000	49.00000	-8.50000	-1.6731	-8.9310	-332.44E-6	-1.1770	13.567E-6
	31.00000	49.00000	-8.50000	-1.6287	-8.9310	-325.58E-6	-1.1567	13.333E-6
	32.00000	49.00000	-8.50000	-1.5795	-8.9310	-317.10E-6	-1.1336	13.066E-6
	33.00000	49.00000	-8.50000	-1.5257	-8.9310	-307.09E-6	-1.1079	12.769E-6
	34.00000	49.00000	-8.50000	-1.4677	-8.9310	-295.68E-6	-1.0796	12.444E-6
	35.00000	49.00000	-8.50000	-1.4059	-8.9310	-283.03E-6	-1.0492	12.094E-6
	36.00000	49.00000	-8.50000	-1.3407	-8.9310	-269.33E-6	-1.0169	11.721E-6
	37.00000	49.00000	-8.50000	-1.2727	-8.9310	-254.80E-6	-0.98298	11.331E-6
	38.00000	49.00000	-8.50000	-1.2024	-8.9310	-239.70E-6	-0.94782	10.926E-6
	39.00000	49.00000	-8.50000	-1.1303	-8.9310	-224.25E-6	-0.91175	10.510E-6
	40.00000	49.00000	-8.50000	-1.0570	-8.9310	-208.72E-6	-0.87512	10.088E-6
	41.00000	49.00000	-8.50000	-0.98291	-8.9310	-193.34E-6	-0.83827	9.6634E-6
	42.00000	49.00000	-8.50000	-0.90862	-8.9310	-178.31E-6	-0.80152	9.2399E-6
	43.00000	49.00000	-8.50000	-0.83458	-8.9310	-163.80E-6	-0.76514	8.8208E-6
	44.00000	49.00000	-8.50000	-0.76123	-8.9310	-149.96E-6	-0.72938	8.4088E-6
	45.00000	49.00000	-8.50000	-0.68897	-8.9310	-136.90E-6	-0.69446	8.0064E-6
	46.00000	49.00000	-8.50000	-0.61813	-8.9310	-124.67E-6	-0.66055	7.6156E-6
	47.00000	49.00000	-8.50000	-0.54902	-8.9310	-113.31E-6	-0.62778	7.2380E-6
	48.00000	49.00000	-8.50000	-0.48190	-8.9310	-102.84E-6	-0.59625	6.8747E-6
	49.00000	49.00000	-8.50000	-0.41695	-8.9310	-93.231E-6	-0.56604	6.5264E-6
	50.00000	49.00000	-8.50000	-0.35436	-8.9310	-84.463E-6	-0.53717	6.1937E-6
	51.00000	49.00000	-8.50000	-0.29424	-8.9310	-76.490E-6	-0.50967	5.8768E-6
	52.00000	49.00000	-8.50000	-0.23669	-8.9310	-69.264E-6	-0.48353	5.5754E-6
	53.00000	49.00000	-8.50000	-0.18175	-8.9310	-62.730E-6	-0.45872	5.2896E-6
	54.00000	49.00000	-8.50000	-0.12947	-8.9310	-56.832E-6	-0.43523	5.0188E-6
	55.00000	49.00000	-8.50000	-0.079841	-8.9310	-51.517E-6	-0.41301	4.7626E-6
	56.00000	49.00000	-8.50000	-0.032854	-8.9310	-46.731E-6	-0.39201	4.5206E-6
	57.00000	49.00000	-8.50000	0.011523	-8.9310	-42.422E-6	-0.37218	4.2920E-6
	58.00000	49.00000	-8.50000	0.053335	-8.9310	-38.546E-6	-0.35347	4.0762E-6
	59.00000	49.00000	-8.50000	0.092639	-8.9310	-35.057E-6	-0.33582	3.8727E-6
	60.00000	49.00000	-8.50000	0.12950	-8.9310	-31.916E-6	-0.31918	3.6808E-6
	-20.00000	50.00000	-8.50000	0.18074	-8.9310	-27.695E-6	-0.29768	3.4331E-6
	-19.00000	50.00000	-8.50000	0.14930	-8.9310	-30.140E-6	-0.31204	3.5986E-6
	-18.00000	50.00000	-8.50000	0.11592	-8.9310	-32.811E-6	-0.32714	3.7726E-6
	-17.00000	50.00000	-8.50000	0.080562	-8.9310	-35.725E-6	-0.34299	3.9554E-6
	-16.00000	50.00000	-8.50000	0.043216	-8.9310	-38.900E-6	-0.35963	4.1472E-6
	-15.00000	50.00000	-8.50000	0.0038718	-8.9310	-42.355E-6	-0.37706	4.3483E-6
	-14.00000	50.00000	-8.50000	-0.037468	-8.9310	-46.105E-6	-0.39532	4.5587E-6
	-13.00000	50.00000	-8.50000	-0.080785	-8.9310	-50.169E-6	-0.41439	4.7786E-6
	-12.00000	50.00000	-8.50000	-0.12604	-8.9310	-54.560E-6	-0.43428	5.0079E-6
	-11.00000	50.00000	-8.50000	-0.17319	-8.9310	-59.290E-6	-0.45500	5.2467E-6
	-10.00000	50.00000	-8.50000	-0.22217	-8.9310	-64.367E-6	-0.47651	5.4947E-6
	-9.00000	50.00000	-8.50000	-0.27287	-8.9310	-69.796E-6	-0.49880	5.7516E-6
	-8.00000	50.00000	-8.50000	-0.32519	-8.9310	-75.575E-6	-0.52182	6.0170E-6
	-7.00000	50.00000	-8.50000	-0.37900	-8.9310	-81.697E-6	-0.54554	6.2904E-6
	-6.00000	50.00000	-8.50000	-0.43414	-8.9310	-88.148E-6	-0.56989	6.5711E-6
	-5.00000	50.00000	-8.50000	-0.49044	-8.9310	-94.906E-6	-0.59479	6.8581E-6
	-4.00000	50.00000	-8.50000	-0.54771	-8.9310	-101.94E-6	-0.62017	7.1506E-6
	-3.00000	50.00000	-8.50000	-0.60573	-8.9310	-109.22E-6	-0.64593	7.4475E-6
	-2.00000	50.00000	-8.50000	-0.66427	-8.9310	-116.71E-6	-0.67195	7.7474E-6
	-1.00000	50.00000	-8.50000	-0.72308	-8.9310	-124.35E-6	-0.69814	8.0493E-6
	0.00000	50.00000	-8.50000	-0.78193	-8.9310	-132.09E-6	-0.72436	8.3515E-6
	1.00000	50.00000	-8.50000	-0.84054	-8.9310	-139.90E-6	-0.75051	8.6529E-6
	2.00000	50.00000	-8.50000	-0.89866	-8.9310	-147.71E-6	-0.77646	8.9519E-6
	3.00000	50.00000	-8.50000	-0.95601	-8.9310	-155.48E-6	-0.80208	9.2473E-6
	4.00000	50.00000	-8.50000	-1.0124	-8.9310	-163.18E-6	-0.82728	9.5376E-6
	5.00000	50.00000	-8.50000	-1.0674	-8.9310	-170.77E-6	-0.85193	9.8218E-6
	6.00000	50.00000	-8.50000	-1.1210	-8.9310	-178.22E-6	-0.87594	10.099E-6
	7.00000	50.00000	-8.50000	-1.1728	-8.9310	-185.51E-6	-0.89923	10.367E-6
	8.00000	50.00000	-8.50000	-1.2226	-8.9310	-192.64E-6	-0.92170	10.626E-6
	9.00000	50.00000	-8.50000	-1.2702	-8.9310	-199.61E-6	-0.94329	10.875E-6
	10.00000	50.00000	-8.50000	-1.3155	-8.9310	-206.42E-6	-0.96394	11.113E-6
	11.00000	50.00000	-8.50000	-1.3581	-8.9310	-213.08E-6	-0.98358	11.339E-6
	12.00000	50.00000	-8.50000	-1.3981	-8.9310	-219.59E-6	-1.0022	11.553E-6
	13.00000	50.00000	-8.50000	-1.4350	-8.9310	-225.98E-6	-1.0196	11.754E-6
	14.00000	50.00000	-8.50000	-1.4689	-8.9310	-232.24E-6	-1.0359	11.942E-6
	15.00000	50.00000	-8.50000	-1.4994	-8.9310	-238.36E-6	-1.0509	12.115E-6
	16.00000	50.00000	-8.50000	-1.5266	-8.9310	-244.34E-6	-1.0647	12.273E-6
	17.00000	50.00000	-8.50000	-1.5500	-8.9310	-250.14E-6	-1.0770	12.416E-6
	18.00000	50.00000	-8.50000	-1.5697	-8.9310	-255.73E-6	-1.0879	12.540E-6
	19.00000	50.00000	-8.50000	-1.5855	-8.9310	-261.02E-6	-1.0971	12.647E-6
	20.00000	50.00000	-8.50000	-1.5971	-8.9310	-265.95E-6	-1.1047	12.734E-6
	21.00000	50.00000	-8.50000	-1.6044	-8.9310	-270.41E-6	-1.1104	12.800E-6
	22.00000	50.00000	-8.50000	-1.6072	-8.9310	-274.30E-6	-1.1141	12.843E-6
	23.00000	50.00000	-8.50000	-1.6055	-8.9310	-277.50E-6	-1.1158	12.862E-6
	24.00000	50.00000	-8.50000	-1.5991	-8.9310	-279.89E-6	-1.1152	12.855E-6
	25.00000	50.00000	-8.50000	-1.5879	-8.9310	-281.36E-6	-1.1124	12.822E-6
	26.00000	50.00000	-8.50000	-1.5719	-8.9310	-281.80E-6	-1.1071	12.761E-6
	27.00000	50.00000	-8.50000	-1.5510	-8.9310	-281.13E-6	-1.0993	12.672E-6
	28.00000	50.00000	-8.50000	-1.5252	-8.9310	-279.27E-6	-1.0890	12.553E-6
	29.00000	50.00000	-8.50000	-1.4947	-8.9310	-276.18E-6	-1.0762	12.406E-6
	30.00000	50.00000	-8.50000	-1.4596	-8.9310	-271.84E-6	-1.0609	12.229E-6
	31.00000	50.00000	-8.50000	-1.4199	-8.9310	-266.26E-6	-1.0431	12.024E-6
	32.00000	50.00000	-8.50000	-1.3760	-8.9310	-259.48E-6	-1.0230	11.792E-6
	33.00000	50.00000	-8.50000	-1.3281	-8.9310	-251.55E-6	-1.0007	11.535E-6
	34.00000	50.00000	-8.50000	-1.2765	-8.9310	-242.57E-6	-0.97633	11.254E-6
	35.00000	50.00000	-8.50000	-1.2216	-8.9310	-232.66E-6	-0.95012	10.952E-6
	36.00000	50.00000	-8.50000	-1.1637	-8.9310	-221.97E-6	-0.92232	10.632E-6
	37.00000	50.00000	-8.50000	-1.1034	-8.9310	-210.65E-6	-0.89316	10.296E-6
	38.00000	50.00000	-8.50000	-1.0409	-8.9310	-198.88E-6	-0.86293	9.9476E-6
	39.00000	50.00000	-8.50000	-0.97689	-8.9310	-186.83E-6	-0.83189	9.5900E-6
	40.00000	50.00000	-8.50000	-0.91169	-8.9310	-174.69E-6	-0.80032	9.2262E-6
	41.00000	50.00000	-8.50000	-0.84577	-8.9310	-162.61E-6	-0.76849	8.8595E-6
	42.00000	50.00000	-8.50000	-0.77957	-8.9310	-150.76E-6	-0.73666	8.4927E-6
	43.00000	50.00000	-8.50000	-0.71349	-8.9310	-139.26E-6	-0.70506	8.1286E-6
	44.00000	50.00000	-8.50000	-0.64792	-8.9310	-128.23E-6	-0.67389	7.7694E-6
	45.00000	50.00000	-8.50000	-0.58319	-8.9310	-117.73E-6	-0.64333	7.4173E-6
	46.00000	50.00000	-8.50000	-0.51962	-8.9310	-107.84E-6	-0.61354	7.0740E-6
	47.00000	50.00000	-8.50000	-0.45748	-8.9310	-98.586E-6	-0.58464	6.7408E-6
	48.00000	50.00000	-8.50000	-0.39700	-8.9310	-89.983E-6	-0.55671	6.4189E-6
	49.00000	50.00000	-8.50000	-0.33836	-8.9310	-82.032E-6	-0.52982	6.1091E-6
	50.00000	50.00000	-8.50000	-0.28173	-8.9310	-74.719E-6	-0.50403	5.8118E-6

Oasys
73-75 Avenue Road, NW8
Short-term Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 06-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	51.00000	50.00000	-8.50000	-0.22723	-8.9310	-68.018E-6	-0.47936	5.5274E-6
	52.00000	50.00000	-8.50000	-0.17496	-8.9310	-61.900E-6	-0.45581	5.2559E-6
	53.00000	50.00000	-8.50000	-0.12497	-8.9310	-56.329E-6	-0.43338	4.9974E-6
	54.00000	50.00000	-8.50000	-0.077304	-8.9310	-51.266E-6	-0.41205	4.7515E-6
	55.00000	50.00000	-8.50000	-0.031986	-8.9310	-46.672E-6	-0.39180	4.5181E-6
	56.00000	50.00000	-8.50000	0.010988	-8.9310	-42.509E-6	-0.37259	4.2967E-6
	57.00000	50.00000	-8.50000	0.051636	-8.9310	-38.741E-6	-0.35440	4.0869E-6
	58.00000	50.00000	-8.50000	0.089987	-8.9310	-35.330E-6	-0.33717	3.8883E-6
	59.00000	50.00000	-8.50000	0.12608	-8.9310	-32.244E-6	-0.32087	3.7003E-6
	60.00000	50.00000	-8.50000	0.15998	-8.9310	-29.452E-6	-0.30545	3.5226E-6



Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Analysis Options

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: -80.00 [m OD]
Displacements at area centroids calculated.

Soil ProfilesSoil Profile 1

Layer	Level at top	Number of intermediate displacement levels	Youngs Modulus Top	Youngs Modulus Btm	Poissons ratio	Non-linear curve
	[mOD]		[kN/m²]	[kN/m²]		
1	0.0	1	7500.0	7500.0	0.20000	None
2	-2.0000	6	18000.	25500.	0.20000	None
3	-8.5000	16	25500.	45000.	0.20000	None
4	-25.000	55	45000.	94500.	0.20000	None

Soil Zones

Zone	Name	X coordinates min [m]	X coordinates max [m]	Y coordinates min [m]	Y coordinates max [m]	Profile
1	Soil Zone 1	-20.000	60.000	-20.000	50.000	Soil Profile 1

Load Data

Load ref.	Name	Shape	Orientation of Plane	Centre of load (Global) X [m]	Y [m]	Z (level) [m]	Load position Angle of local x from [Degrees]	Width x or Radius [m]	Length y [m]	Polygon Coordinates	Rectangle tolerance	Number of rectangles	Load value Normal (local z) [kN/m²]	Tangential (local x) [kN/m²]	Tangential (local y) [kN/m²]
1	Load 1	Rectangular	Horizontal	20.000	8.0000	-8.5000	0.0	36.000	16.000	N/A	N/A	1	-160.00	0.0	0.0
2	Load 2	Rectangular	Horizontal	11.000	22.500	-8.5000	0.0	22.000	13.000	N/A	N/A	1	-160.00	0.0	0.0
3	Load 3	Rectangular	Horizontal	30.000	24.000	-8.5000	0.0	16.000	16.000	N/A	N/A	1	-160.00	0.0	0.0

Displacement Data

Ref.	Type	Name	Direction of Extrusion	Line/Line for extrusion First point X [m]	First point Y [m]	First point Z(level) [m]	Second point X [m]	Second point Y [m]	Second point Z(level) [m]	No. of intrvls across extrusion/line	Extrusion Depth [m]	No. of intrvls along extrusion	Calculate	Show Detailed results	
1	Grid	Grid 1	Global X	-20.000	-20.000	0.0	N/A	50.000	0.0	70	80.000	80	Yes	No	
2	Grid	Grid 2	Global X	-20.000	-20.000	-8.5000	N/A	50.000	-8.5000	70	80.000	80	Yes	No	

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Horizontal rigid boundary level: -80.00 [m OD]

The maximum displacement difference between
Boussinesq method (-92.810mm) and Mindlin method (-65.483mm)
occurs at point X=29.000m Y=22.000m Level 0.0mOD and is 27.328mm

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
Load 1	20.00000	8.00000	-8.50000	-96.543	-8.9310	-159.99	-373.08	-0.0045134
Load 2	11.00000	22.50000	-8.50000	-90.601	-8.9310	-159.99	-370.94	-0.0045296
Load 3	30.00000	24.00000	-8.50000	-88.724	-8.9310	-159.99	-370.67	-0.0045317
Grid 1	-20.00000	-20.00000	0.00000	-2.4419	-0.50000	0.0	0.0	0.0
	-19.00000	-20.00000	0.00000	-2.5659	-0.50000	0.0	0.0	0.0
	-18.00000	-20.00000	0.00000	-2.6948	-0.50000	0.0	0.0	0.0
	-17.00000	-20.00000	0.00000	-2.8287	-0.50000	0.0	0.0	0.0
	-16.00000	-20.00000	0.00000	-2.9676	-0.50000	0.0	0.0	0.0
	-15.00000	-20.00000	0.00000	-3.1114	-0.50000	0.0	0.0	0.0
	-14.00000	-20.00000	0.00000	-3.2602	-0.50000	0.0	0.0	0.0
	-13.00000	-20.00000	0.00000	-3.4137	-0.50000	0.0	0.0	0.0
	-12.00000	-20.00000	0.00000	-3.5721	-0.50000	0.0	0.0	0.0
	-11.00000	-20.00000	0.00000	-3.7349	-0.50000	0.0	0.0	0.0
	-10.00000	-20.00000	0.00000	-3.9022	-0.50000	0.0	0.0	0.0
	-9.00000	-20.00000	0.00000	-4.0735	-0.50000	0.0	0.0	0.0
	-8.00000	-20.00000	0.00000	-4.2485	-0.50000	0.0	0.0	0.0
	-7.00000	-20.00000	0.00000	-4.4269	-0.50000	0.0	0.0	0.0
	-6.00000	-20.00000	0.00000	-4.6082	-0.50000	0.0	0.0	0.0
	-5.00000	-20.00000	0.00000	-4.7919	-0.50000	0.0	0.0	0.0
	-4.00000	-20.00000	0.00000	-4.9774	-0.50000	0.0	0.0	0.0
	-3.00000	-20.00000	0.00000	-5.1640	-0.50000	0.0	0.0	0.0
	-2.00000	-20.00000	0.00000	-5.3510	-0.50000	0.0	0.0	0.0
	-1.00000	-20.00000	0.00000	-5.5377	-0.50000	0.0	0.0	0.0
	0.00000	-20.00000	0.00000	-5.7232	-0.50000	0.0	0.0	0.0
	1.00000	-20.00000	0.00000	-5.9066	-0.50000	0.0	0.0	0.0
	2.00000	-20.00000	0.00000	-6.0872	-0.50000	0.0	0.0	0.0
	3.00000	-20.00000	0.00000	-6.2639	-0.50000	0.0	0.0	0.0
	4.00000	-20.00000	0.00000	-6.4359	-0.50000	0.0	0.0	0.0
	5.00000	-20.00000	0.00000	-6.6023	-0.50000	0.0	0.0	0.0
	6.00000	-20.00000	0.00000	-6.7621	-0.50000	0.0	0.0	0.0
	7.00000	-20.00000	0.00000	-6.9146	-0.50000	0.0	0.0	0.0
	8.00000	-20.00000	0.00000	-7.0590	-0.50000	0.0	0.0	0.0
	9.00000	-20.00000	0.00000	-7.1944	-0.50000	0.0	0.0	0.0
	10.00000	-20.00000	0.00000	-7.3203	-0.50000	0.0	0.0	0.0
	11.00000	-20.00000	0.00000	-7.4359	-0.50000	0.0	0.0	0.0
	12.00000	-20.00000	0.00000	-7.5407	-0.50000	0.0	0.0	0.0
	13.00000	-20.00000	0.00000	-7.6343	-0.50000	0.0	0.0	0.0
	14.00000	-20.00000	0.00000	-7.7160	-0.50000	0.0	0.0	0.0
	15.00000	-20.00000	0.00000	-7.7857	-0.50000	0.0	0.0	0.0
	16.00000	-20.00000	0.00000	-7.8429	-0.50000	0.0	0.0	0.0
	17.00000	-20.00000	0.00000	-7.8875	-0.50000	0.0	0.0	0.0
	18.00000	-20.00000	0.00000	-7.9192	-0.50000	0.0	0.0	0.0
	19.00000	-20.00000	0.00000	-7.9378	-0.50000	0.0	0.0	0.0
	20.00000	-20.00000	0.00000	-7.9434	-0.50000	0.0	0.0	0.0
	21.00000	-20.00000	0.00000	-7.9359	-0.50000	0.0	0.0	0.0
	22.00000	-20.00000	0.00000	-7.9153	-0.50000	0.0	0.0	0.0
	23.00000	-20.00000	0.00000	-7.8816	-0.50000	0.0	0.0	0.0
	24.00000	-20.00000	0.00000	-7.8352	-0.50000	0.0	0.0	0.0
	25.00000	-20.00000	0.00000	-7.7761	-0.50000	0.0	0.0	0.0
	26.00000	-20.00000	0.00000	-7.7045	-0.50000	0.0	0.0	0.0
	27.00000	-20.00000	0.00000	-7.6210	-0.50000	0.0	0.0	0.0
	28.00000	-20.00000	0.00000	-7.5257	-0.50000	0.0	0.0	0.0
	29.00000	-20.00000	0.00000	-7.4191	-0.50000	0.0	0.0	0.0
	30.00000	-20.00000	0.00000	-7.3019	-0.50000	0.0	0.0	0.0
	31.00000	-20.00000	0.00000	-7.1744	-0.50000	0.0	0.0	0.0
	32.00000	-20.00000	0.00000	-7.0375	-0.50000	0.0	0.0	0.0
	33.00000	-20.00000	0.00000	-6.8917	-0.50000	0.0	0.0	0.0
	34.00000	-20.00000	0.00000	-6.7379	-0.50000	0.0	0.0	0.0
	35.00000	-20.00000	0.00000	-6.5768	-0.50000	0.0	0.0	0.0
	36.00000	-20.00000	0.00000	-6.4093	-0.50000	0.0	0.0	0.0
	37.00000	-20.00000	0.00000	-6.2363	-0.50000	0.0	0.0	0.0
	38.00000	-20.00000	0.00000	-6.0586	-0.50000	0.0	0.0	0.0
	39.00000	-20.00000	0.00000	-5.8773	-0.50000	0.0	0.0	0.0
	40.00000	-20.00000	0.00000	-5.6931	-0.50000	0.0	0.0	0.0
	41.00000	-20.00000	0.00000	-5.5070	-0.50000	0.0	0.0	0.0
	42.00000	-20.00000	0.00000	-5.3198	-0.50000	0.0	0.0	0.0
	43.00000	-20.00000	0.00000	-5.1324	-0.50000	0.0	0.0	0.0
	44.00000	-20.00000	0.00000	-4.9455	-0.50000	0.0	0.0	0.0
	45.00000	-20.00000	0.00000	-4.7599	-0.50000	0.0	0.0	0.0
	46.00000	-20.00000	0.00000	-4.5761	-0.50000	0.0	0.0	0.0
	47.00000	-20.00000	0.00000	-4.3948	-0.50000	0.0	0.0	0.0
	48.00000	-20.00000	0.00000	-4.2165	-0.50000	0.0	0.0	0.0
	49.00000	-20.00000	0.00000	-4.0417	-0.50000	0.0	0.0	0.0
	50.00000	-20.00000	0.00000	-3.8707	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	51.00000	-20.00000	0.00000	-3.7038	-0.50000	0.0	0.0	0.0
	52.00000	-20.00000	0.00000	-3.5413	-0.50000	0.0	0.0	0.0
	53.00000	-20.00000	0.00000	-3.3835	-0.50000	0.0	0.0	0.0
	54.00000	-20.00000	0.00000	-3.2305	-0.50000	0.0	0.0	0.0
	55.00000	-20.00000	0.00000	-3.0823	-0.50000	0.0	0.0	0.0
	56.00000	-20.00000	0.00000	-2.9391	-0.50000	0.0	0.0	0.0
	57.00000	-20.00000	0.00000	-2.8009	-0.50000	0.0	0.0	0.0
	58.00000	-20.00000	0.00000	-2.6678	-0.50000	0.0	0.0	0.0
	59.00000	-20.00000	0.00000	-2.5396	-0.50000	0.0	0.0	0.0
	60.00000	-20.00000	0.00000	-2.4163	-0.50000	0.0	0.0	0.0
	-20.00000	-19.00000	0.00000	-2.5572	-0.50000	0.0	0.0	0.0
	-19.00000	-19.00000	0.00000	-2.6892	-0.50000	0.0	0.0	0.0
	-18.00000	-19.00000	0.00000	-2.8268	-0.50000	0.0	0.0	0.0
	-17.00000	-19.00000	0.00000	-2.9698	-0.50000	0.0	0.0	0.0
	-16.00000	-19.00000	0.00000	-3.1184	-0.50000	0.0	0.0	0.0
	-15.00000	-19.00000	0.00000	-3.2725	-0.50000	0.0	0.0	0.0
	-14.00000	-19.00000	0.00000	-3.4322	-0.50000	0.0	0.0	0.0
	-13.00000	-19.00000	0.00000	-3.5974	-0.50000	0.0	0.0	0.0
	-12.00000	-19.00000	0.00000	-3.7680	-0.50000	0.0	0.0	0.0
	-11.00000	-19.00000	0.00000	-3.9438	-0.50000	0.0	0.0	0.0
	-10.00000	-19.00000	0.00000	-4.1246	-0.50000	0.0	0.0	0.0
	-9.00000	-19.00000	0.00000	-4.3102	-0.50000	0.0	0.0	0.0
	-8.00000	-19.00000	0.00000	-4.5002	-0.50000	0.0	0.0	0.0
	-7.00000	-19.00000	0.00000	-4.6941	-0.50000	0.0	0.0	0.0
	-6.00000	-19.00000	0.00000	-4.8916	-0.50000	0.0	0.0	0.0
	-5.00000	-19.00000	0.00000	-5.0921	-0.50000	0.0	0.0	0.0
	-4.00000	-19.00000	0.00000	-5.2948	-0.50000	0.0	0.0	0.0
	-3.00000	-19.00000	0.00000	-5.4991	-0.50000	0.0	0.0	0.0
	-2.00000	-19.00000	0.00000	-5.7041	-0.50000	0.0	0.0	0.0
	-1.00000	-19.00000	0.00000	-5.9091	-0.50000	0.0	0.0	0.0
	0.00000	-19.00000	0.00000	-6.1130	-0.50000	0.0	0.0	0.0
	1.00000	-19.00000	0.00000	-6.3149	-0.50000	0.0	0.0	0.0
	2.00000	-19.00000	0.00000	-6.5138	-0.50000	0.0	0.0	0.0
	3.00000	-19.00000	0.00000	-6.7087	-0.50000	0.0	0.0	0.0
	4.00000	-19.00000	0.00000	-6.8984	-0.50000	0.0	0.0	0.0
	5.00000	-19.00000	0.00000	-7.0820	-0.50000	0.0	0.0	0.0
	6.00000	-19.00000	0.00000	-7.2585	-0.50000	0.0	0.0	0.0
	7.00000	-19.00000	0.00000	-7.4269	-0.50000	0.0	0.0	0.0
	8.00000	-19.00000	0.00000	-7.5863	-0.50000	0.0	0.0	0.0
	9.00000	-19.00000	0.00000	-7.7358	-0.50000	0.0	0.0	0.0
	10.00000	-19.00000	0.00000	-7.8748	-0.50000	0.0	0.0	0.0
	11.00000	-19.00000	0.00000	-8.0024	-0.50000	0.0	0.0	0.0
	12.00000	-19.00000	0.00000	-8.1181	-0.50000	0.0	0.0	0.0
	13.00000	-19.00000	0.00000	-8.2213	-0.50000	0.0	0.0	0.0
	14.00000	-19.00000	0.00000	-8.3115	-0.50000	0.0	0.0	0.0
	15.00000	-19.00000	0.00000	-8.3884	-0.50000	0.0	0.0	0.0
	16.00000	-19.00000	0.00000	-8.4515	-0.50000	0.0	0.0	0.0
	17.00000	-19.00000	0.00000	-8.5006	-0.50000	0.0	0.0	0.0
	18.00000	-19.00000	0.00000	-8.5355	-0.50000	0.0	0.0	0.0
	19.00000	-19.00000	0.00000	-8.5561	-0.50000	0.0	0.0	0.0
	20.00000	-19.00000	0.00000	-8.5622	-0.50000	0.0	0.0	0.0
	21.00000	-19.00000	0.00000	-8.5539	-0.50000	0.0	0.0	0.0
	22.00000	-19.00000	0.00000	-8.5312	-0.50000	0.0	0.0	0.0
	23.00000	-19.00000	0.00000	-8.4942	-0.50000	0.0	0.0	0.0
	24.00000	-19.00000	0.00000	-8.4430	-0.50000	0.0	0.0	0.0
	25.00000	-19.00000	0.00000	-8.3778	-0.50000	0.0	0.0	0.0
	26.00000	-19.00000	0.00000	-8.2990	-0.50000	0.0	0.0	0.0
	27.00000	-19.00000	0.00000	-8.2068	-0.50000	0.0	0.0	0.0
	28.00000	-19.00000	0.00000	-8.1017	-0.50000	0.0	0.0	0.0
	29.00000	-19.00000	0.00000	-7.9841	-0.50000	0.0	0.0	0.0
	30.00000	-19.00000	0.00000	-7.8547	-0.50000	0.0	0.0	0.0
	31.00000	-19.00000	0.00000	-7.7140	-0.50000	0.0	0.0	0.0
	32.00000	-19.00000	0.00000	-7.5628	-0.50000	0.0	0.0	0.0
	33.00000	-19.00000	0.00000	-7.4019	-0.50000	0.0	0.0	0.0
	34.00000	-19.00000	0.00000	-7.2321	-0.50000	0.0	0.0	0.0
	35.00000	-19.00000	0.00000	-7.0542	-0.50000	0.0	0.0	0.0
	36.00000	-19.00000	0.00000	-6.8694	-0.50000	0.0	0.0	0.0
	37.00000	-19.00000	0.00000	-6.6785	-0.50000	0.0	0.0	0.0
	38.00000	-19.00000	0.00000	-6.4827	-0.50000	0.0	0.0	0.0
	39.00000	-19.00000	0.00000	-6.2829	-0.50000	0.0	0.0	0.0
	40.00000	-19.00000	0.00000	-6.0803	-0.50000	0.0	0.0	0.0
	41.00000	-19.00000	0.00000	-5.8757	-0.50000	0.0	0.0	0.0
	42.00000	-19.00000	0.00000	-5.6702	-0.50000	0.0	0.0	0.0
	43.00000	-19.00000	0.00000	-5.4647	-0.50000	0.0	0.0	0.0
	44.00000	-19.00000	0.00000	-5.2602	-0.50000	0.0	0.0	0.0
	45.00000	-19.00000	0.00000	-5.0573	-0.50000	0.0	0.0	0.0
	46.00000	-19.00000	0.00000	-4.8568	-0.50000	0.0	0.0	0.0
	47.00000	-19.00000	0.00000	-4.6593	-0.50000	0.0	0.0	0.0
	48.00000	-19.00000	0.00000	-4.4655	-0.50000	0.0	0.0	0.0
	49.00000	-19.00000	0.00000	-4.2758	-0.50000	0.0	0.0	0.0
	50.00000	-19.00000	0.00000	-4.0905	-0.50000	0.0	0.0	0.0
	51.00000	-19.00000	0.00000	-3.9101	-0.50000	0.0	0.0	0.0
	52.00000	-19.00000	0.00000	-3.7348	-0.50000	0.0	0.0	0.0
	53.00000	-19.00000	0.00000	-3.5648	-0.50000	0.0	0.0	0.0
	54.00000	-19.00000	0.00000	-3.4002	-0.50000	0.0	0.0	0.0
	55.00000	-19.00000	0.00000	-3.2412	-0.50000	0.0	0.0	0.0
	56.00000	-19.00000	0.00000	-3.0878	-0.50000	0.0	0.0	0.0
	57.00000	-19.00000	0.00000	-2.9400	-0.50000	0.0	0.0	0.0
	58.00000	-19.00000	0.00000	-2.7978	-0.50000	0.0	0.0	0.0
	59.00000	-19.00000	0.00000	-2.6611	-0.50000	0.0	0.0	0.0
	60.00000	-19.00000	0.00000	-2.5298	-0.50000	0.0	0.0	0.0
	-20.00000	-18.00000	0.00000	-2.6763	-0.50000	0.0	0.0	0.0
	-19.00000	-18.00000	0.00000	-2.8169	-0.50000	0.0	0.0	0.0
	-18.00000	-18.00000	0.00000	-2.9635	-0.50000	0.0	0.0	0.0
	-17.00000	-18.00000	0.00000	-3.1162	-0.50000	0.0	0.0	0.0
	-16.00000	-18.00000	0.00000	-3.2752	-0.50000	0.0	0.0	0.0
	-15.00000	-18.00000	0.00000	-3.4404	-0.50000	0.0	0.0	0.0
	-14.00000	-18.00000	0.00000	-3.6118	-0.50000	0.0	0.0	0.0
	-13.00000	-18.00000	0.00000	-3.7894	-0.50000	0.0	0.0	0.0
	-12.00000	-18.00000	0.00000	-3.9732	-0.50000	0.0	0.0	0.0
	-11.00000	-18.00000	0.00000	-4.1630	-0.50000	0.0	0.0	0.0
	-10.00000	-18.00000	0.00000	-4.3586	-0.50000	0.0	0.0	0.0
	-9.00000	-18.00000	0.00000	-4.5598	-0.50000	0.0	0.0	0.0
	-8.00000	-18.00000	0.00000	-4.7661	-0.50000	0.0	0.0	0.0
	-7.00000	-18.00000	0.00000	-4.9772	-0.50000	0.0	0.0	0.0
	-6.00000	-18.00000	0.00000	-5.1925	-0.50000	0.0	0.0	0.0
	-5.00000	-18.00000	0.00000	-5.4114	-0.50000	0.0	0.0	0.0
	-4.00000	-18.00000	0.00000	-5.6332	-0.50000	0.0	0.0	0.0
	-3.00000	-18.00000	0.00000	-5.8572	-0.50000	0.0	0.0	0.0
	-2.00000	-18.00000	0.00000	-6.0823	-0.50000	0.0	0.0	0.0
	-1.00000	-18.00000	0.00000	-6.3077	-0.50000	0.0	0.0	0.0
	0.00000	-18.00000	0.00000	-6.5323	-0.50000	0.0	0.0	0.0
	1.00000	-18.00000	0.00000	-6.7548	-0.50000	0.0	0.0	0.0
	2.00000	-18.00000	0.00000	-6.9743	-0.50000	0.0	0.0	0.0
	3.00000	-18.00000	0.00000	-7.1895	-0.50000	0.0	0.0	0.0
	4.00000	-18.00000	0.00000	-7.3991	-0.50000	0.0	0.0	0.0
	5.00000	-18.00000	0.00000	-7.6021	-0.50000	0.0	0.0	0.0
	6.00000	-18.00000	0.00000	-7.7973	-0.50000	0.0	0.0	0.0
	7.00000	-18.00000	0.00000	-7.9835	-0.50000	0.0	0.0	0.0
	8.00000	-18.00000	0.00000	-8.1598	-0.50000	0.0	0.0	0.0
	9.00000	-18.00000	0.00000	-8.3252	-0.50000	0.0	0.0	0.0
	10.00000	-18.00000	0.00000	-8.4788	-0.50000	0.0	0.0	0.0
	11.00000	-18.00000	0.00000	-8.6199	-0.50000	0.0	0.0	0.0
	12.00000	-18.00000	0.00000	-8.7477	-0.50000	0.0	0.0	0.0
	13.00000	-18.00000	0.00000	-8.8616	-0.50000	0.0	0.0	0.0
	14.00000	-18.00000	0.00000	-8.9612	-0.50000	0.0	0.0	0.0
	15.00000	-18.00000	0.00000	-9.0460	-0.50000	0.0	0.0	0.0
	16.00000	-18.00000	0.00000	-9.1157	-0.50000	0.0	0.0	0.0
	17.00000	-18.00000	0.00000	-9.1698	-0.50000	0.0	0.0	0.0
	18.00000	-18.00000	0.00000	-9.2084	-0.50000	0.0	0.0	0.0
	19.00000	-18.00000	0.00000	-9.2311	-0.50000	0.0	0.0	0.0
	20.00000	-18.00000	0.00000	-9.2379	-0.50000	0.0	0.0	0.0
	21.00000	-18.00000	0.00000	-9.2287	-0.50000	0.0	0.0	0.0
	22.00000	-18.00000	0.00000	-9.2037	-0.50000	0.0	0.0	0.0
	23.00000	-18.00000	0.00000	-9.1629	-0.50000	0.0	0.0	0.0
	24.00000	-18.00000	0.00000	-9.1064	-0.50000	0.0	0.0	0.0
	25.00000	-18.00000	0.00000	-9.0345	-0.50000	0.0	0.0	0.0
	26.00000	-18.00000	0.00000	-8.9475	-0.50000	0.0	0.0	0.0
	27.00000	-18.00000	0.00000	-8.8458	-0.50000	0.0	0.0	0.0
	28.00000	-18.00000	0.00000	-8.7297	-0.50000	0.0	0.0	0.0
	29.00000	-18.00000	0.00000	-8.5999	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	30.00000	-18.00000	0.00000	-8.4569	-0.50000	0.0	0.0	0.0
	31.00000	-18.00000	0.00000	-8.3014	-0.50000	0.0	0.0	0.0
	32.00000	-18.00000	0.00000	-8.1342	-0.50000	0.0	0.0	0.0
	33.00000	-18.00000	0.00000	-7.9562	-0.50000	0.0	0.0	0.0
	34.00000	-18.00000	0.00000	-7.7684	-0.50000	0.0	0.0	0.0
	35.00000	-18.00000	0.00000	-7.5718	-0.50000	0.0	0.0	0.0
	36.00000	-18.00000	0.00000	-7.3675	-0.50000	0.0	0.0	0.0
	37.00000	-18.00000	0.00000	-7.1566	-0.50000	0.0	0.0	0.0
	38.00000	-18.00000	0.00000	-6.9404	-0.50000	0.0	0.0	0.0
	39.00000	-18.00000	0.00000	-6.7199	-0.50000	0.0	0.0	0.0
	40.00000	-18.00000	0.00000	-6.4965	-0.50000	0.0	0.0	0.0
	41.00000	-18.00000	0.00000	-6.2713	-0.50000	0.0	0.0	0.0
	42.00000	-18.00000	0.00000	-6.0454	-0.50000	0.0	0.0	0.0
	43.00000	-18.00000	0.00000	-5.8198	-0.50000	0.0	0.0	0.0
	44.00000	-18.00000	0.00000	-5.5956	-0.50000	0.0	0.0	0.0
	45.00000	-18.00000	0.00000	-5.3736	-0.50000	0.0	0.0	0.0
	46.00000	-18.00000	0.00000	-5.1546	-0.50000	0.0	0.0	0.0
	47.00000	-18.00000	0.00000	-4.9394	-0.50000	0.0	0.0	0.0
	48.00000	-18.00000	0.00000	-4.7285	-0.50000	0.0	0.0	0.0
	49.00000	-18.00000	0.00000	-4.5225	-0.50000	0.0	0.0	0.0
	50.00000	-18.00000	0.00000	-4.3218	-0.50000	0.0	0.0	0.0
	51.00000	-18.00000	0.00000	-4.1267	-0.50000	0.0	0.0	0.0
	52.00000	-18.00000	0.00000	-3.9374	-0.50000	0.0	0.0	0.0
	53.00000	-18.00000	0.00000	-3.7543	-0.50000	0.0	0.0	0.0
	54.00000	-18.00000	0.00000	-3.5773	-0.50000	0.0	0.0	0.0
	55.00000	-18.00000	0.00000	-3.4067	-0.50000	0.0	0.0	0.0
	56.00000	-18.00000	0.00000	-3.2423	-0.50000	0.0	0.0	0.0
	57.00000	-18.00000	0.00000	-3.0842	-0.50000	0.0	0.0	0.0
	58.00000	-18.00000	0.00000	-2.9324	-0.50000	0.0	0.0	0.0
	59.00000	-18.00000	0.00000	-2.7867	-0.50000	0.0	0.0	0.0
	60.00000	-18.00000	0.00000	-2.6471	-0.50000	0.0	0.0	0.0
	-20.00000	-17.00000	0.00000	-2.7992	-0.50000	0.0	0.0	0.0
	-19.00000	-17.00000	0.00000	-2.9487	-0.50000	0.0	0.0	0.0
	-18.00000	-17.00000	0.00000	-3.1050	-0.50000	0.0	0.0	0.0
	-17.00000	-17.00000	0.00000	-3.2680	-0.50000	0.0	0.0	0.0
	-16.00000	-17.00000	0.00000	-3.4380	-0.50000	0.0	0.0	0.0
	-15.00000	-17.00000	0.00000	-3.6150	-0.50000	0.0	0.0	0.0
	-14.00000	-17.00000	0.00000	-3.7990	-0.50000	0.0	0.0	0.0
	-13.00000	-17.00000	0.00000	-3.9901	-0.50000	0.0	0.0	0.0
	-12.00000	-17.00000	0.00000	-4.1881	-0.50000	0.0	0.0	0.0
	-11.00000	-17.00000	0.00000	-4.3930	-0.50000	0.0	0.0	0.0
	-10.00000	-17.00000	0.00000	-4.6047	-0.50000	0.0	0.0	0.0
	-9.00000	-17.00000	0.00000	-4.8228	-0.50000	0.0	0.0	0.0
	-8.00000	-17.00000	0.00000	-5.0470	-0.50000	0.0	0.0	0.0
	-7.00000	-17.00000	0.00000	-5.2768	-0.50000	0.0	0.0	0.0
	-6.00000	-17.00000	0.00000	-5.5118	-0.50000	0.0	0.0	0.0
	-5.00000	-17.00000	0.00000	-5.7512	-0.50000	0.0	0.0	0.0
	-4.00000	-17.00000	0.00000	-5.9942	-0.50000	0.0	0.0	0.0
	-3.00000	-17.00000	0.00000	-6.2401	-0.50000	0.0	0.0	0.0
	-2.00000	-17.00000	0.00000	-6.4877	-0.50000	0.0	0.0	0.0
	-1.00000	-17.00000	0.00000	-6.7359	-0.50000	0.0	0.0	0.0
	0.00000	-17.00000	0.00000	-6.9836	-0.50000	0.0	0.0	0.0
	1.00000	-17.00000	0.00000	-7.2294	-0.50000	0.0	0.0	0.0
	2.00000	-17.00000	0.00000	-7.4721	-0.50000	0.0	0.0	0.0
	3.00000	-17.00000	0.00000	-7.7101	-0.50000	0.0	0.0	0.0
	4.00000	-17.00000	0.00000	-7.9423	-0.50000	0.0	0.0	0.0
	5.00000	-17.00000	0.00000	-8.1671	-0.50000	0.0	0.0	0.0
	6.00000	-17.00000	0.00000	-8.3833	-0.50000	0.0	0.0	0.0
	7.00000	-17.00000	0.00000	-8.5896	-0.50000	0.0	0.0	0.0
	8.00000	-17.00000	0.00000	-8.7849	-0.50000	0.0	0.0	0.0
	9.00000	-17.00000	0.00000	-8.9680	-0.50000	0.0	0.0	0.0
	10.00000	-17.00000	0.00000	-9.1381	-0.50000	0.0	0.0	0.0
	11.00000	-17.00000	0.00000	-9.2942	-0.50000	0.0	0.0	0.0
	12.00000	-17.00000	0.00000	-9.4355	-0.50000	0.0	0.0	0.0
	13.00000	-17.00000	0.00000	-9.5615	-0.50000	0.0	0.0	0.0
	14.00000	-17.00000	0.00000	-9.6715	-0.50000	0.0	0.0	0.0
	15.00000	-17.00000	0.00000	-9.7652	-0.50000	0.0	0.0	0.0
	16.00000	-17.00000	0.00000	-9.8420	-0.50000	0.0	0.0	0.0
	17.00000	-17.00000	0.00000	-9.9018	-0.50000	0.0	0.0	0.0
	18.00000	-17.00000	0.00000	-9.9443	-0.50000	0.0	0.0	0.0
	19.00000	-17.00000	0.00000	-9.9694	-0.50000	0.0	0.0	0.0
	20.00000	-17.00000	0.00000	-9.9769	-0.50000	0.0	0.0	0.0
	21.00000	-17.00000	0.00000	-9.9668	-0.50000	0.0	0.0	0.0
	22.00000	-17.00000	0.00000	-9.9393	-0.50000	0.0	0.0	0.0
	23.00000	-17.00000	0.00000	-9.8942	-0.50000	0.0	0.0	0.0
	24.00000	-17.00000	0.00000	-9.8320	-0.50000	0.0	0.0	0.0
	25.00000	-17.00000	0.00000	-9.7526	-0.50000	0.0	0.0	0.0
	26.00000	-17.00000	0.00000	-9.6566	-0.50000	0.0	0.0	0.0
	27.00000	-17.00000	0.00000	-9.5442	-0.50000	0.0	0.0	0.0
	28.00000	-17.00000	0.00000	-9.4159	-0.50000	0.0	0.0	0.0
	29.00000	-17.00000	0.00000	-9.2723	-0.50000	0.0	0.0	0.0
	30.00000	-17.00000	0.00000	-9.1141	-0.50000	0.0	0.0	0.0
	31.00000	-17.00000	0.00000	-8.9420	-0.50000	0.0	0.0	0.0
	32.00000	-17.00000	0.00000	-8.7569	-0.50000	0.0	0.0	0.0
	33.00000	-17.00000	0.00000	-8.5598	-0.50000	0.0	0.0	0.0
	34.00000	-17.00000	0.00000	-8.3518	-0.50000	0.0	0.0	0.0
	35.00000	-17.00000	0.00000	-8.1340	-0.50000	0.0	0.0	0.0
	36.00000	-17.00000	0.00000	-7.9077	-0.50000	0.0	0.0	0.0
	37.00000	-17.00000	0.00000	-7.6742	-0.50000	0.0	0.0	0.0
	38.00000	-17.00000	0.00000	-7.4350	-0.50000	0.0	0.0	0.0
	39.00000	-17.00000	0.00000	-7.1913	-0.50000	0.0	0.0	0.0
	40.00000	-17.00000	0.00000	-6.9446	-0.50000	0.0	0.0	0.0
	41.00000	-17.00000	0.00000	-6.6962	-0.50000	0.0	0.0	0.0
	42.00000	-17.00000	0.00000	-6.4474	-0.50000	0.0	0.0	0.0
	43.00000	-17.00000	0.00000	-6.1993	-0.50000	0.0	0.0	0.0
	44.00000	-17.00000	0.00000	-5.9532	-0.50000	0.0	0.0	0.0
	45.00000	-17.00000	0.00000	-5.7100	-0.50000	0.0	0.0	0.0
	46.00000	-17.00000	0.00000	-5.4706	-0.50000	0.0	0.0	0.0
	47.00000	-17.00000	0.00000	-5.2358	-0.50000	0.0	0.0	0.0
	48.00000	-17.00000	0.00000	-5.0062	-0.50000	0.0	0.0	0.0
	49.00000	-17.00000	0.00000	-4.7824	-0.50000	0.0	0.0	0.0
	50.00000	-17.00000	0.00000	-4.5648	-0.50000	0.0	0.0	0.0
	51.00000	-17.00000	0.00000	-4.3537	-0.50000	0.0	0.0	0.0
	52.00000	-17.00000	0.00000	-4.1494	-0.50000	0.0	0.0	0.0
	53.00000	-17.00000	0.00000	-3.9521	-0.50000	0.0	0.0	0.0
	54.00000	-17.00000	0.00000	-3.7619	-0.50000	0.0	0.0	0.0
	55.00000	-17.00000	0.00000	-3.5787	-0.50000	0.0	0.0	0.0
	56.00000	-17.00000	0.00000	-3.4027	-0.50000	0.0	0.0	0.0
	57.00000	-17.00000	0.00000	-3.2337	-0.50000	0.0	0.0	0.0
	58.00000	-17.00000	0.00000	-3.0717	-0.50000	0.0	0.0	0.0
	59.00000	-17.00000	0.00000	-2.9164	-0.50000	0.0	0.0	0.0
	60.00000	-17.00000	0.00000	-2.7679	-0.50000	0.0	0.0	0.0
	-20.00000	-16.00000	0.00000	-2.9257	-0.50000	0.0	0.0	0.0
	-19.00000	-16.00000	0.00000	-3.0848	-0.50000	0.0	0.0	0.0
	-18.00000	-16.00000	0.00000	-3.2512	-0.50000	0.0	0.0	0.0
	-17.00000	-16.00000	0.00000	-3.4252	-0.50000	0.0	0.0	0.0
	-16.00000	-16.00000	0.00000	-3.6069	-0.50000	0.0	0.0	0.0
	-15.00000	-16.00000	0.00000	-3.7964	-0.50000	0.0	0.0	0.0
	-14.00000	-16.00000	0.00000	-3.9939	-0.50000	0.0	0.0	0.0
	-13.00000	-16.00000	0.00000	-4.1994	-0.50000	0.0	0.0	0.0
	-12.00000	-16.00000	0.00000	-4.4128	-0.50000	0.0	0.0	0.0
	-11.00000	-16.00000	0.00000	-4.6341	-0.50000	0.0	0.0	0.0
	-10.00000	-16.00000	0.00000	-4.8632	-0.50000	0.0	0.0	0.0
	-9.00000	-16.00000	0.00000	-5.0998	-0.50000	0.0	0.0	0.0
	-8.00000	-16.00000	0.00000	-5.3435	-0.50000	0.0	0.0	0.0
	-7.00000	-16.00000	0.00000	-5.5940	-0.50000	0.0	0.0	0.0
	-6.00000	-16.00000	0.00000	-5.8506	-0.50000	0.0	0.0	0.0
	-5.00000	-16.00000	0.00000	-6.1127	-0.50000	0.0	0.0	0.0
	-4.00000	-16.00000	0.00000	-6.3794	-0.50000	0.0	0.0	0.0
	-3.00000	-16.00000	0.00000	-6.6497	-0.50000	0.0	0.0	0.0
	-2.00000	-16.00000	0.00000	-6.9224	-0.50000	0.0	0.0	0.0
	-1.00000	-16.00000	0.00000	-7.1963	-0.50000	0.0	0.0	0.0
	0.00000	-16.00000	0.00000	-7.4701	-0.50000	0.0	0.0	0.0
	1.00000	-

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	9.00000	-16.00000	0.00000	-9.6708	-0.50000	0.0	0.0	0.0
	10.00000	-16.00000	0.00000	-9.8593	-0.50000	0.0	0.0	0.0
	11.00000	-16.00000	0.00000	-10.032	-0.50000	0.0	0.0	0.0
	12.00000	-16.00000	0.00000	-10.189	-0.50000	0.0	0.0	0.0
	13.00000	-16.00000	0.00000	-10.328	-0.50000	0.0	0.0	0.0
	14.00000	-16.00000	0.00000	-10.450	-0.50000	0.0	0.0	0.0
	15.00000	-16.00000	0.00000	-10.553	-0.50000	0.0	0.0	0.0
	16.00000	-16.00000	0.00000	-10.638	-0.50000	0.0	0.0	0.0
	17.00000	-16.00000	0.00000	-10.704	-0.50000	0.0	0.0	0.0
	18.00000	-16.00000	0.00000	-10.751	-0.50000	0.0	0.0	0.0
	19.00000	-16.00000	0.00000	-10.779	-0.50000	0.0	0.0	0.0
	20.00000	-16.00000	0.00000	-10.787	-0.50000	0.0	0.0	0.0
	21.00000	-16.00000	0.00000	-10.776	-0.50000	0.0	0.0	0.0
	22.00000	-16.00000	0.00000	-10.746	-0.50000	0.0	0.0	0.0
	23.00000	-16.00000	0.00000	-10.696	-0.50000	0.0	0.0	0.0
	24.00000	-16.00000	0.00000	-10.627	-0.50000	0.0	0.0	0.0
	25.00000	-16.00000	0.00000	-10.540	-0.50000	0.0	0.0	0.0
	26.00000	-16.00000	0.00000	-10.433	-0.50000	0.0	0.0	0.0
	27.00000	-16.00000	0.00000	-10.309	-0.50000	0.0	0.0	0.0
	28.00000	-16.00000	0.00000	-10.167	-0.50000	0.0	0.0	0.0
	29.00000	-16.00000	0.00000	-10.008	-0.50000	0.0	0.0	0.0
	30.00000	-16.00000	0.00000	-9.8331	-0.50000	0.0	0.0	0.0
	31.00000	-16.00000	0.00000	-9.6423	-0.50000	0.0	0.0	0.0
	32.00000	-16.00000	0.00000	-9.4371	-0.50000	0.0	0.0	0.0
	33.00000	-16.00000	0.00000	-9.2184	-0.50000	0.0	0.0	0.0
	34.00000	-16.00000	0.00000	-8.9875	-0.50000	0.0	0.0	0.0
	35.00000	-16.00000	0.00000	-8.7458	-0.50000	0.0	0.0	0.0
	36.00000	-16.00000	0.00000	-8.4947	-0.50000	0.0	0.0	0.0
	37.00000	-16.00000	0.00000	-8.2357	-0.50000	0.0	0.0	0.0
	38.00000	-16.00000	0.00000	-7.9704	-0.50000	0.0	0.0	0.0
	39.00000	-16.00000	0.00000	-7.7005	-0.50000	0.0	0.0	0.0
	40.00000	-16.00000	0.00000	-7.4275	-0.50000	0.0	0.0	0.0
	41.00000	-16.00000	0.00000	-7.1530	-0.50000	0.0	0.0	0.0
	42.00000	-16.00000	0.00000	-6.8784	-0.50000	0.0	0.0	0.0
	43.00000	-16.00000	0.00000	-6.6052	-0.50000	0.0	0.0	0.0
	44.00000	-16.00000	0.00000	-6.3347	-0.50000	0.0	0.0	0.0
	45.00000	-16.00000	0.00000	-6.0679	-0.50000	0.0	0.0	0.0
	46.00000	-16.00000	0.00000	-5.8059	-0.50000	0.0	0.0	0.0
	47.00000	-16.00000	0.00000	-5.5494	-0.50000	0.0	0.0	0.0
	48.00000	-16.00000	0.00000	-5.2993	-0.50000	0.0	0.0	0.0
	49.00000	-16.00000	0.00000	-5.0560	-0.50000	0.0	0.0	0.0
	50.00000	-16.00000	0.00000	-4.8199	-0.50000	0.0	0.0	0.0
	51.00000	-16.00000	0.00000	-4.5915	-0.50000	0.0	0.0	0.0
	52.00000	-16.00000	0.00000	-4.3710	-0.50000	0.0	0.0	0.0
	53.00000	-16.00000	0.00000	-4.1584	-0.50000	0.0	0.0	0.0
	54.00000	-16.00000	0.00000	-3.9539	-0.50000	0.0	0.0	0.0
	55.00000	-16.00000	0.00000	-3.7574	-0.50000	0.0	0.0	0.0
	56.00000	-16.00000	0.00000	-3.5689	-0.50000	0.0	0.0	0.0
	57.00000	-16.00000	0.00000	-3.3883	-0.50000	0.0	0.0	0.0
	58.00000	-16.00000	0.00000	-3.2155	-0.50000	0.0	0.0	0.0
	59.00000	-16.00000	0.00000	-3.0502	-0.50000	0.0	0.0	0.0
	60.00000	-16.00000	0.00000	-2.8923	-0.50000	0.0	0.0	0.0
	-20.00000	-15.00000	0.00000	-3.0559	-0.50000	0.0	0.0	0.0
	-19.00000	-15.00000	0.00000	-3.2249	-0.50000	0.0	0.0	0.0
	-18.00000	-15.00000	0.00000	-3.4021	-0.50000	0.0	0.0	0.0
	-17.00000	-15.00000	0.00000	-3.5876	-0.50000	0.0	0.0	0.0
	-16.00000	-15.00000	0.00000	-3.7818	-0.50000	0.0	0.0	0.0
	-15.00000	-15.00000	0.00000	-3.9847	-0.50000	0.0	0.0	0.0
	-14.00000	-15.00000	0.00000	-4.1966	-0.50000	0.0	0.0	0.0
	-13.00000	-15.00000	0.00000	-4.4175	-0.50000	0.0	0.0	0.0
	-12.00000	-15.00000	0.00000	-4.6474	-0.50000	0.0	0.0	0.0
	-11.00000	-15.00000	0.00000	-4.8865	-0.50000	0.0	0.0	0.0
	-10.00000	-15.00000	0.00000	-5.1345	-0.50000	0.0	0.0	0.0
	-9.00000	-15.00000	0.00000	-5.3912	-0.50000	0.0	0.0	0.0
	-8.00000	-15.00000	0.00000	-5.6564	-0.50000	0.0	0.0	0.0
	-7.00000	-15.00000	0.00000	-5.9296	-0.50000	0.0	0.0	0.0
	-6.00000	-15.00000	0.00000	-6.2102	-0.50000	0.0	0.0	0.0
	-5.00000	-15.00000	0.00000	-6.4975	-0.50000	0.0	0.0	0.0
	-4.00000	-15.00000	0.00000	-6.7905	-0.50000	0.0	0.0	0.0
	-3.00000	-15.00000	0.00000	-7.0881	-0.50000	0.0	0.0	0.0
	-2.00000	-15.00000	0.00000	-7.3891	-0.50000	0.0	0.0	0.0
	-1.00000	-15.00000	0.00000	-7.6920	-0.50000	0.0	0.0	0.0
	0.00000	-15.00000	0.00000	-7.9952	-0.50000	0.0	0.0	0.0
	1.00000	-15.00000	0.00000	-8.2970	-0.50000	0.0	0.0	0.0
	2.00000	-15.00000	0.00000	-8.5956	-0.50000	0.0	0.0	0.0
	3.00000	-15.00000	0.00000	-8.8890	-0.50000	0.0	0.0	0.0
	4.00000	-15.00000	0.00000	-9.1754	-0.50000	0.0	0.0	0.0
	5.00000	-15.00000	0.00000	-9.4530	-0.50000	0.0	0.0	0.0
	6.00000	-15.00000	0.00000	-9.7200	-0.50000	0.0	0.0	0.0
	7.00000	-15.00000	0.00000	-9.9746	-0.50000	0.0	0.0	0.0
	8.00000	-15.00000	0.00000	-10.215	-0.50000	0.0	0.0	0.0
	9.00000	-15.00000	0.00000	-10.441	-0.50000	0.0	0.0	0.0
	10.00000	-15.00000	0.00000	-10.650	-0.50000	0.0	0.0	0.0
	11.00000	-15.00000	0.00000	-10.842	-0.50000	0.0	0.0	0.0
	12.00000	-15.00000	0.00000	-11.016	-0.50000	0.0	0.0	0.0
	13.00000	-15.00000	0.00000	-11.170	-0.50000	0.0	0.0	0.0
	14.00000	-15.00000	0.00000	-11.305	-0.50000	0.0	0.0	0.0
	15.00000	-15.00000	0.00000	-11.419	-0.50000	0.0	0.0	0.0
	16.00000	-15.00000	0.00000	-11.513	-0.50000	0.0	0.0	0.0
	17.00000	-15.00000	0.00000	-11.586	-0.50000	0.0	0.0	0.0
	18.00000	-15.00000	0.00000	-11.638	-0.50000	0.0	0.0	0.0
	19.00000	-15.00000	0.00000	-11.668	-0.50000	0.0	0.0	0.0
	20.00000	-15.00000	0.00000	-11.677	-0.50000	0.0	0.0	0.0
	21.00000	-15.00000	0.00000	-11.665	-0.50000	0.0	0.0	0.0
	22.00000	-15.00000	0.00000	-11.631	-0.50000	0.0	0.0	0.0
	23.00000	-15.00000	0.00000	-11.577	-0.50000	0.0	0.0	0.0
	24.00000	-15.00000	0.00000	-11.501	-0.50000	0.0	0.0	0.0
	25.00000	-15.00000	0.00000	-11.404	-0.50000	0.0	0.0	0.0
	26.00000	-15.00000	0.00000	-11.287	-0.50000	0.0	0.0	0.0
	27.00000	-15.00000	0.00000	-11.149	-0.50000	0.0	0.0	0.0
	28.00000	-15.00000	0.00000	-10.992	-0.50000	0.0	0.0	0.0
	29.00000	-15.00000	0.00000	-10.816	-0.50000	0.0	0.0	0.0
	30.00000	-15.00000	0.00000	-10.622	-0.50000	0.0	0.0	0.0
	31.00000	-15.00000	0.00000	-10.410	-0.50000	0.0	0.0	0.0
	32.00000	-15.00000	0.00000	-10.182	-0.50000	0.0	0.0	0.0
	33.00000	-15.00000	0.00000	-9.9389	-0.50000	0.0	0.0	0.0
	34.00000	-15.00000	0.00000	-9.6822	-0.50000	0.0	0.0	0.0
	35.00000	-15.00000	0.00000	-9.4133	-0.50000	0.0	0.0	0.0
	36.00000	-15.00000	0.00000	-9.1340	-0.50000	0.0	0.0	0.0
	37.00000	-15.00000	0.00000	-8.8460	-0.50000	0.0	0.0	0.0
	38.00000	-15.00000	0.00000	-8.5512	-0.50000	0.0	0.0	0.0
	39.00000	-15.00000	0.00000	-8.2515	-0.50000	0.0	0.0	0.0
	40.00000	-15.00000	0.00000	-7.9486	-0.50000	0.0	0.0	0.0
	41.00000	-15.00000	0.00000	-7.6446	-0.50000	0.0	0.0	0.0
	42.00000	-15.00000	0.00000	-7.3411	-0.50000	0.0	0.0	0.0
	43.00000	-15.00000	0.00000	-7.0396	-0.50000	0.0	0.0	0.0
	44.00000	-15.00000	0.00000	-6.7417	-0.50000	0.0	0.0	0.0
	45.00000	-15.00000	0.00000	-6.4487	-0.50000	0.0	0.0	0.0
	46.00000	-15.00000	0.00000	-6.1615	-0.50000	0.0	0.0	0.0
	47.00000	-15.00000	0.00000	-5.8811	-0.50000	0.0	0.0	0.0
	48.00000	-15.00000	0.00000	-5.6084	-0.50000	0.0	0.0	0.0
	49.00000	-15.00000	0.00000	-5.3437	-0.50000	0.0	0.0	0.0
	50.00000	-15.00000	0.00000	-5.0876	-0.50000	0.0	0.0	0.0
	51.00000	-15.00000	0.00000	-4.8404	-0.50000	0.0	0.0	0.0
	52.00000	-15.00000	0.00000	-4.6023	-0.50000	0.0	0.0	0.0
	53.00000	-15.00000	0.00000	-4.3733	-0.50000	0.0	0.0	0.0
	54.00000	-15.00000	0.00000	-4.1534	-0.50000	0.0	0.0	0.0
	55.00000	-15.00000	0.00000	-3.9427	-0.50000	0.0	0.0	0.0
	56.00000	-15.00000	0.00000	-3.7410	-0.50000	0.0	0.0	0.0
	57.00000	-15.00000	0.00000	-3.5480	-0.50000	0.0	0.0	0.0
	58.00000	-15.00000	0.00000	-3.3637	-0.50000	0.0	0.0	0.0
	59.00000	-15.00000	0.00000	-3.1879	-0.50000	0.0	0.0	0.0
	60.00000	-15.00000	0.00000	-3.0201	-0.50000	0.0	0.0	0.0
	-20.00000	-14.00000	0.00000	-3.1894	-0.50000	0.0	0.0	0.0
	-19.00000	-14.00000	0.00000	-3.3689	-0.50000	0.0	0.0	0.0
	-18.00000	-14.00000	0.00000	-3.5574	-0.50000	0.0	0.0	0.0
	-17.00000	-14.00000	0.00000	-3.7552	-0.50000	0.0	0.0	0.0
	-16.00000	-14.00000	0.00000	-3.9626	-0.50000	0.0	0.0	0.0
	-15.00000	-14.00000	0.00000	-4.1797	-0.50000	0.0	0.0	0.0
	-14.00000	-14.00000	0.00000	-4.4070	-0.50000	0.0	0.0	0.0
	-13.00000	-14.00000	0.00000	-4.6444	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-12.00000	-14.00000	0.00000	-4.8922	-0.50000	0.0	0.0	0.0
	-11.00000	-14.00000	0.00000	-5.1504	-0.50000	0.0	0.0	0.0
	-10.00000	-14.00000	0.00000	-5.4189	-0.50000	0.0	0.0	0.0
	-9.00000	-14.00000	0.00000	-5.6977	-0.50000	0.0	0.0	0.0
	-8.00000	-14.00000	0.00000	-5.9863	-0.50000	0.0	0.0	0.0
	-7.00000	-14.00000	0.00000	-6.2845	-0.50000	0.0	0.0	0.0
	-6.00000	-14.00000	0.00000	-6.5916	-0.50000	0.0	0.0	0.0
	-5.00000	-14.00000	0.00000	-6.9069	-0.50000	0.0	0.0	0.0
	-4.00000	-14.00000	0.00000	-7.2293	-0.50000	0.0	0.0	0.0
	-3.00000	-14.00000	0.00000	-7.5577	-0.50000	0.0	0.0	0.0
	-2.00000	-14.00000	0.00000	-7.8905	-0.50000	0.0	0.0	0.0
	-1.00000	-14.00000	0.00000	-8.2262	-0.50000	0.0	0.0	0.0
	0.00000	-14.00000	0.00000	-8.5629	-0.50000	0.0	0.0	0.0
	1.00000	-14.00000	0.00000	-8.8986	-0.50000	0.0	0.0	0.0
	2.00000	-14.00000	0.00000	-9.2310	-0.50000	0.0	0.0	0.0
	3.00000	-14.00000	0.00000	-9.5581	-0.50000	0.0	0.0	0.0
	4.00000	-14.00000	0.00000	-9.8775	-0.50000	0.0	0.0	0.0
	5.00000	-14.00000	0.00000	-10.187	-0.50000	0.0	0.0	0.0
	6.00000	-14.00000	0.00000	-10.485	-0.50000	0.0	0.0	0.0
	7.00000	-14.00000	0.00000	-10.768	-0.50000	0.0	0.0	0.0
	8.00000	-14.00000	0.00000	-11.037	-0.50000	0.0	0.0	0.0
	9.00000	-14.00000	0.00000	-11.288	-0.50000	0.0	0.0	0.0
	10.00000	-14.00000	0.00000	-11.520	-0.50000	0.0	0.0	0.0
	11.00000	-14.00000	0.00000	-11.733	-0.50000	0.0	0.0	0.0
	12.00000	-14.00000	0.00000	-11.926	-0.50000	0.0	0.0	0.0
	13.00000	-14.00000	0.00000	-12.097	-0.50000	0.0	0.0	0.0
	14.00000	-14.00000	0.00000	-12.246	-0.50000	0.0	0.0	0.0
	15.00000	-14.00000	0.00000	-12.372	-0.50000	0.0	0.0	0.0
	16.00000	-14.00000	0.00000	-12.476	-0.50000	0.0	0.0	0.0
	17.00000	-14.00000	0.00000	-12.557	-0.50000	0.0	0.0	0.0
	18.00000	-14.00000	0.00000	-12.614	-0.50000	0.0	0.0	0.0
	19.00000	-14.00000	0.00000	-12.648	-0.50000	0.0	0.0	0.0
	20.00000	-14.00000	0.00000	-12.658	-0.50000	0.0	0.0	0.0
	21.00000	-14.00000	0.00000	-12.644	-0.50000	0.0	0.0	0.0
	22.00000	-14.00000	0.00000	-12.607	-0.50000	0.0	0.0	0.0
	23.00000	-14.00000	0.00000	-12.547	-0.50000	0.0	0.0	0.0
	24.00000	-14.00000	0.00000	-12.463	-0.50000	0.0	0.0	0.0
	25.00000	-14.00000	0.00000	-12.356	-0.50000	0.0	0.0	0.0
	26.00000	-14.00000	0.00000	-12.226	-0.50000	0.0	0.0	0.0
	27.00000	-14.00000	0.00000	-12.074	-0.50000	0.0	0.0	0.0
	28.00000	-14.00000	0.00000	-11.900	-0.50000	0.0	0.0	0.0
	29.00000	-14.00000	0.00000	-11.705	-0.50000	0.0	0.0	0.0
	30.00000	-14.00000	0.00000	-11.489	-0.50000	0.0	0.0	0.0
	31.00000	-14.00000	0.00000	-11.254	-0.50000	0.0	0.0	0.0
	32.00000	-14.00000	0.00000	-11.000	-0.50000	0.0	0.0	0.0
	33.00000	-14.00000	0.00000	-10.729	-0.50000	0.0	0.0	0.0
	34.00000	-14.00000	0.00000	-10.443	-0.50000	0.0	0.0	0.0
	35.00000	-14.00000	0.00000	-10.144	-0.50000	0.0	0.0	0.0
	36.00000	-14.00000	0.00000	-9.8321	-0.50000	0.0	0.0	0.0
	37.00000	-14.00000	0.00000	-9.5110	-0.50000	0.0	0.0	0.0
	38.00000	-14.00000	0.00000	-9.1825	-0.50000	0.0	0.0	0.0
	39.00000	-14.00000	0.00000	-8.8487	-0.50000	0.0	0.0	0.0
	40.00000	-14.00000	0.00000	-8.5120	-0.50000	0.0	0.0	0.0
	41.00000	-14.00000	0.00000	-8.1744	-0.50000	0.0	0.0	0.0
	42.00000	-14.00000	0.00000	-7.8380	-0.50000	0.0	0.0	0.0
	43.00000	-14.00000	0.00000	-7.5047	-0.50000	0.0	0.0	0.0
	44.00000	-14.00000	0.00000	-7.1761	-0.50000	0.0	0.0	0.0
	45.00000	-14.00000	0.00000	-6.8537	-0.50000	0.0	0.0	0.0
	46.00000	-14.00000	0.00000	-6.5386	-0.50000	0.0	0.0	0.0
	47.00000	-14.00000	0.00000	-6.2318	-0.50000	0.0	0.0	0.0
	48.00000	-14.00000	0.00000	-5.9341	-0.50000	0.0	0.0	0.0
	49.00000	-14.00000	0.00000	-5.6460	-0.50000	0.0	0.0	0.0
	50.00000	-14.00000	0.00000	-5.3681	-0.50000	0.0	0.0	0.0
	51.00000	-14.00000	0.00000	-5.1005	-0.50000	0.0	0.0	0.0
	52.00000	-14.00000	0.00000	-4.8433	-0.50000	0.0	0.0	0.0
	53.00000	-14.00000	0.00000	-4.5967	-0.50000	0.0	0.0	0.0
	54.00000	-14.00000	0.00000	-4.3604	-0.50000	0.0	0.0	0.0
	55.00000	-14.00000	0.00000	-4.1345	-0.50000	0.0	0.0	0.0
	56.00000	-14.00000	0.00000	-3.9187	-0.50000	0.0	0.0	0.0
	57.00000	-14.00000	0.00000	-3.7127	-0.50000	0.0	0.0	0.0
	58.00000	-14.00000	0.00000	-3.5163	-0.50000	0.0	0.0	0.0
	59.00000	-14.00000	0.00000	-3.3293	-0.50000	0.0	0.0	0.0
	60.00000	-14.00000	0.00000	-3.1512	-0.50000	0.0	0.0	0.0
	-20.00000	-13.00000	0.00000	-3.3262	-0.50000	0.0	0.0	0.0
	-19.00000	-13.00000	0.00000	-3.5167	-0.50000	0.0	0.0	0.0
	-18.00000	-13.00000	0.00000	-3.7171	-0.50000	0.0	0.0	0.0
	-17.00000	-13.00000	0.00000	-3.9278	-0.50000	0.0	0.0	0.0
	-16.00000	-13.00000	0.00000	-4.1491	-0.50000	0.0	0.0	0.0
	-15.00000	-13.00000	0.00000	-4.3814	-0.50000	0.0	0.0	0.0
	-14.00000	-13.00000	0.00000	-4.6250	-0.50000	0.0	0.0	0.0
	-13.00000	-13.00000	0.00000	-4.8801	-0.50000	0.0	0.0	0.0
	-12.00000	-13.00000	0.00000	-5.1471	-0.50000	0.0	0.0	0.0
	-11.00000	-13.00000	0.00000	-5.4259	-0.50000	0.0	0.0	0.0
	-10.00000	-13.00000	0.00000	-5.7167	-0.50000	0.0	0.0	0.0
	-9.00000	-13.00000	0.00000	-6.0195	-0.50000	0.0	0.0	0.0
	-8.00000	-13.00000	0.00000	-6.3339	-0.50000	0.0	0.0	0.0
	-7.00000	-13.00000	0.00000	-6.6596	-0.50000	0.0	0.0	0.0
	-6.00000	-13.00000	0.00000	-6.9961	-0.50000	0.0	0.0	0.0
	-5.00000	-13.00000	0.00000	-7.3426	-0.50000	0.0	0.0	0.0
	-4.00000	-13.00000	0.00000	-7.6980	-0.50000	0.0	0.0	0.0
	-3.00000	-13.00000	0.00000	-8.0610	-0.50000	0.0	0.0	0.0
	-2.00000	-13.00000	0.00000	-8.4299	-0.50000	0.0	0.0	0.0
	-1.00000	-13.00000	0.00000	-8.8029	-0.50000	0.0	0.0	0.0
	0.00000	-13.00000	0.00000	-9.1778	-0.50000	0.0	0.0	0.0
	1.00000	-13.00000	0.00000	-9.5522	-0.50000	0.0	0.0	0.0
	2.00000	-13.00000	0.00000	-9.9235	-0.50000	0.0	0.0	0.0
	3.00000	-13.00000	0.00000	-10.289	-0.50000	0.0	0.0	0.0
	4.00000	-13.00000	0.00000	-10.646	-0.50000	0.0	0.0	0.0
	5.00000	-13.00000	0.00000	-10.993	-0.50000	0.0	0.0	0.0
	6.00000	-13.00000	0.00000	-11.325	-0.50000	0.0	0.0	0.0
	7.00000	-13.00000	0.00000	-11.642	-0.50000	0.0	0.0	0.0
	8.00000	-13.00000	0.00000	-11.942	-0.50000	0.0	0.0	0.0
	9.00000	-13.00000	0.00000	-12.222	-0.50000	0.0	0.0	0.0
	10.00000	-13.00000	0.00000	-12.481	-0.50000	0.0	0.0	0.0
	11.00000	-13.00000	0.00000	-12.717	-0.50000	0.0	0.0	0.0
	12.00000	-13.00000	0.00000	-12.931	-0.50000	0.0	0.0	0.0
	13.00000	-13.00000	0.00000	-13.121	-0.50000	0.0	0.0	0.0
	14.00000	-13.00000	0.00000	-13.286	-0.50000	0.0	0.0	0.0
	15.00000	-13.00000	0.00000	-13.426	-0.50000	0.0	0.0	0.0
	16.00000	-13.00000	0.00000	-13.541	-0.50000	0.0	0.0	0.0
	17.00000	-13.00000	0.00000	-13.630	-0.50000	0.0	0.0	0.0
	18.00000	-13.00000	0.00000	-13.693	-0.50000	0.0	0.0	0.0
	19.00000	-13.00000	0.00000	-13.730	-0.50000	0.0	0.0	0.0
	20.00000	-13.00000	0.00000	-13.741	-0.50000	0.0	0.0	0.0
	21.00000	-13.00000	0.00000	-13.726	-0.50000	0.0	0.0	0.0
	22.00000	-13.00000	0.00000	-13.685	-0.50000	0.0	0.0	0.0
	23.00000	-13.00000	0.00000	-13.619	-0.50000	0.0	0.0	0.0
	24.00000	-13.00000	0.00000	-13.526	-0.50000	0.0	0.0	0.0
	25.00000	-13.00000	0.00000	-13.408	-0.50000	0.0	0.0	0.0
	26.00000	-13.00000	0.00000	-13.264	-0.50000	0.0	0.0	0.0
	27.00000	-13.00000	0.00000	-13.096	-0.50000	0.0	0.0	0.0
	28.00000	-13.00000	0.00000	-12.903	-0.50000	0.0	0.0	0.0
	29.00000	-13.00000	0.00000	-12.686	-0.50000	0.0	0.0	0.0
	30.00000	-13.00000	0.00000	-12.446	-0.50000	0.0	0.0	0.0
	31.00000	-13.00000	0.00000	-12.184	-0.50000	0.0	0.0	0.0
	32.00000	-13.00000	0.00000	-11.901	-0.50000	0.0	0.0	0.0
	33.00000	-13.00000	0.00000	-11.599	-0.50000	0.0	0.0	0.0
	34.00000	-13.00000	0.00000	-11.280	-0.50000	0.0	0.0	0.0
	35.00000	-13.00000	0.00000	-10.945	-0.50000	0.0	0.0	0.0
	36.00000	-13.00000	0.00000	-10.597	-0.50000	0.0	0.0	0.0
	37.00000	-13.00000	0.00000	-10.237	-0.50000	0.0	0.0	0.0
	38.00000	-13.00000	0.00000	-9.8702	-0.50000	0.0	0.0	0.0
	39.00000	-13.00000	0.00000	-9.4975	-0.50000	0.0	0.0	0.0
	40.00000	-13.00000	0.00000	-9.1219	-0.50000	0.0	0.0	0.0
	41.00000	-13.00000	0.00000	-8.7461	-0.50000	0.0	0.0	0.0
	42.00000	-13.00000	0.00000	-8.3724	-0.50000	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	48.00000	-13.00000	0.00000	-6.2770	-0.50000	0.0	0.0	0.0
	49.00000	-13.00000	0.00000	-5.9634	-0.50000	0.0	0.0	0.0
	50.00000	-13.00000	0.00000	-5.6616	-0.50000	0.0	0.0	0.0
	51.00000	-13.00000	0.00000	-5.3718	-0.50000	0.0	0.0	0.0
	52.00000	-13.00000	0.00000	-5.0942	-0.50000	0.0	0.0	0.0
	53.00000	-13.00000	0.00000	-4.8286	-0.50000	0.0	0.0	0.0
	54.00000	-13.00000	0.00000	-4.5748	-0.50000	0.0	0.0	0.0
	55.00000	-13.00000	0.00000	-4.3327	-0.50000	0.0	0.0	0.0
	56.00000	-13.00000	0.00000	-4.1019	-0.50000	0.0	0.0	0.0
	57.00000	-13.00000	0.00000	-3.8821	-0.50000	0.0	0.0	0.0
	58.00000	-13.00000	0.00000	-3.6730	-0.50000	0.0	0.0	0.0
	59.00000	-13.00000	0.00000	-3.4742	-0.50000	0.0	0.0	0.0
	60.00000	-13.00000	0.00000	-3.2854	-0.50000	0.0	0.0	0.0
	-20.00000	-12.00000	0.00000	-3.4660	-0.50000	0.0	0.0	0.0
	-19.00000	-12.00000	0.00000	-3.6680	-0.50000	0.0	0.0	0.0
	-18.00000	-12.00000	0.00000	-3.8809	-0.50000	0.0	0.0	0.0
	-17.00000	-12.00000	0.00000	-4.1051	-0.50000	0.0	0.0	0.0
	-16.00000	-12.00000	0.00000	-4.3412	-0.50000	0.0	0.0	0.0
	-15.00000	-12.00000	0.00000	-4.5895	-0.50000	0.0	0.0	0.0
	-14.00000	-12.00000	0.00000	-4.8505	-0.50000	0.0	0.0	0.0
	-13.00000	-12.00000	0.00000	-5.1246	-0.50000	0.0	0.0	0.0
	-12.00000	-12.00000	0.00000	-5.4120	-0.50000	0.0	0.0	0.0
	-11.00000	-12.00000	0.00000	-5.7132	-0.50000	0.0	0.0	0.0
	-10.00000	-12.00000	0.00000	-6.0281	-0.50000	0.0	0.0	0.0
	-9.00000	-12.00000	0.00000	-6.3570	-0.50000	0.0	0.0	0.0
	-8.00000	-12.00000	0.00000	-6.6996	-0.50000	0.0	0.0	0.0
	-7.00000	-12.00000	0.00000	-7.0557	-0.50000	0.0	0.0	0.0
	-6.00000	-12.00000	0.00000	-7.4248	-0.50000	0.0	0.0	0.0
	-5.00000	-12.00000	0.00000	-7.8061	-0.50000	0.0	0.0	0.0
	-4.00000	-12.00000	0.00000	-8.1986	-0.50000	0.0	0.0	0.0
	-3.00000	-12.00000	0.00000	-8.6007	-0.50000	0.0	0.0	0.0
	-2.00000	-12.00000	0.00000	-9.0106	-0.50000	0.0	0.0	0.0
	-1.00000	-12.00000	0.00000	-9.4262	-0.50000	0.0	0.0	0.0
	0.00000	-12.00000	0.00000	-9.8450	-0.50000	0.0	0.0	0.0
	1.00000	-12.00000	0.00000	-10.264	-0.50000	0.0	0.0	0.0
	2.00000	-12.00000	0.00000	-10.680	-0.50000	0.0	0.0	0.0
	3.00000	-12.00000	0.00000	-11.090	-0.50000	0.0	0.0	0.0
	4.00000	-12.00000	0.00000	-11.491	-0.50000	0.0	0.0	0.0
	5.00000	-12.00000	0.00000	-11.880	-0.50000	0.0	0.0	0.0
	6.00000	-12.00000	0.00000	-12.253	-0.50000	0.0	0.0	0.0
	7.00000	-12.00000	0.00000	-12.608	-0.50000	0.0	0.0	0.0
	8.00000	-12.00000	0.00000	-12.943	-0.50000	0.0	0.0	0.0
	9.00000	-12.00000	0.00000	-13.255	-0.50000	0.0	0.0	0.0
	10.00000	-12.00000	0.00000	-13.544	-0.50000	0.0	0.0	0.0
	11.00000	-12.00000	0.00000	-13.808	-0.50000	0.0	0.0	0.0
	12.00000	-12.00000	0.00000	-14.045	-0.50000	0.0	0.0	0.0
	13.00000	-12.00000	0.00000	-14.256	-0.50000	0.0	0.0	0.0
	14.00000	-12.00000	0.00000	-14.439	-0.50000	0.0	0.0	0.0
	15.00000	-12.00000	0.00000	-14.594	-0.50000	0.0	0.0	0.0
	16.00000	-12.00000	0.00000	-14.720	-0.50000	0.0	0.0	0.0
	17.00000	-12.00000	0.00000	-14.819	-0.50000	0.0	0.0	0.0
	18.00000	-12.00000	0.00000	-14.888	-0.50000	0.0	0.0	0.0
	19.00000	-12.00000	0.00000	-14.929	-0.50000	0.0	0.0	0.0
	20.00000	-12.00000	0.00000	-14.942	-0.50000	0.0	0.0	0.0
	21.00000	-12.00000	0.00000	-14.926	-0.50000	0.0	0.0	0.0
	22.00000	-12.00000	0.00000	-14.880	-0.50000	0.0	0.0	0.0
	23.00000	-12.00000	0.00000	-14.807	-0.50000	0.0	0.0	0.0
	24.00000	-12.00000	0.00000	-14.705	-0.50000	0.0	0.0	0.0
	25.00000	-12.00000	0.00000	-14.574	-0.50000	0.0	0.0	0.0
	26.00000	-12.00000	0.00000	-14.415	-0.50000	0.0	0.0	0.0
	27.00000	-12.00000	0.00000	-14.228	-0.50000	0.0	0.0	0.0
	28.00000	-12.00000	0.00000	-14.014	-0.50000	0.0	0.0	0.0
	29.00000	-12.00000	0.00000	-13.773	-0.50000	0.0	0.0	0.0
	30.00000	-12.00000	0.00000	-13.506	-0.50000	0.0	0.0	0.0
	31.00000	-12.00000	0.00000	-13.214	-0.50000	0.0	0.0	0.0
	32.00000	-12.00000	0.00000	-12.899	-0.50000	0.0	0.0	0.0
	33.00000	-12.00000	0.00000	-12.561	-0.50000	0.0	0.0	0.0
	34.00000	-12.00000	0.00000	-12.203	-0.50000	0.0	0.0	0.0
	35.00000	-12.00000	0.00000	-11.827	-0.50000	0.0	0.0	0.0
	36.00000	-12.00000	0.00000	-11.437	-0.50000	0.0	0.0	0.0
	37.00000	-12.00000	0.00000	-11.034	-0.50000	0.0	0.0	0.0
	38.00000	-12.00000	0.00000	-10.622	-0.50000	0.0	0.0	0.0
	39.00000	-12.00000	0.00000	-10.204	-0.50000	0.0	0.0	0.0
	40.00000	-12.00000	0.00000	-9.7837	-0.50000	0.0	0.0	0.0
	41.00000	-12.00000	0.00000	-9.3640	-0.50000	0.0	0.0	0.0
	42.00000	-12.00000	0.00000	-8.9477	-0.50000	0.0	0.0	0.0
	43.00000	-12.00000	0.00000	-8.5373	-0.50000	0.0	0.0	0.0
	44.00000	-12.00000	0.00000	-8.1350	-0.50000	0.0	0.0	0.0
	45.00000	-12.00000	0.00000	-7.7426	-0.50000	0.0	0.0	0.0
	46.00000	-12.00000	0.00000	-7.3616	-0.50000	0.0	0.0	0.0
	47.00000	-12.00000	0.00000	-6.9931	-0.50000	0.0	0.0	0.0
	48.00000	-12.00000	0.00000	-6.6377	-0.50000	0.0	0.0	0.0
	49.00000	-12.00000	0.00000	-6.2960	-0.50000	0.0	0.0	0.0
	50.00000	-12.00000	0.00000	-5.9682	-0.50000	0.0	0.0	0.0
	51.00000	-12.00000	0.00000	-5.6545	-0.50000	0.0	0.0	0.0
	52.00000	-12.00000	0.00000	-5.3548	-0.50000	0.0	0.0	0.0
	53.00000	-12.00000	0.00000	-5.0688	-0.50000	0.0	0.0	0.0
	54.00000	-12.00000	0.00000	-4.7963	-0.50000	0.0	0.0	0.0
	55.00000	-12.00000	0.00000	-4.5370	-0.50000	0.0	0.0	0.0
	56.00000	-12.00000	0.00000	-4.2904	-0.50000	0.0	0.0	0.0
	57.00000	-12.00000	0.00000	-4.0561	-0.50000	0.0	0.0	0.0
	58.00000	-12.00000	0.00000	-3.8336	-0.50000	0.0	0.0	0.0
	59.00000	-12.00000	0.00000	-3.6225	-0.50000	0.0	0.0	0.0
	60.00000	-12.00000	0.00000	-3.4224	-0.50000	0.0	0.0	0.0
	-20.00000	-11.00000	0.00000	-3.6086	-0.50000	0.0	0.0	0.0
	-19.00000	-11.00000	0.00000	-3.8226	-0.50000	0.0	0.0	0.0
	-18.00000	-11.00000	0.00000	-4.0485	-0.50000	0.0	0.0	0.0
	-17.00000	-11.00000	0.00000	-4.2870	-0.50000	0.0	0.0	0.0
	-16.00000	-11.00000	0.00000	-4.5386	-0.50000	0.0	0.0	0.0
	-15.00000	-11.00000	0.00000	-4.8038	-0.50000	0.0	0.0	0.0
	-14.00000	-11.00000	0.00000	-5.0833	-0.50000	0.0	0.0	0.0
	-13.00000	-11.00000	0.00000	-5.3775	-0.50000	0.0	0.0	0.0
	-12.00000	-11.00000	0.00000	-5.6869	-0.50000	0.0	0.0	0.0
	-11.00000	-11.00000	0.00000	-6.0120	-0.50000	0.0	0.0	0.0
	-10.00000	-11.00000	0.00000	-6.3531	-0.50000	0.0	0.0	0.0
	-9.00000	-11.00000	0.00000	-6.7104	-0.50000	0.0	0.0	0.0
	-8.00000	-11.00000	0.00000	-7.0839	-0.50000	0.0	0.0	0.0
	-7.00000	-11.00000	0.00000	-7.4735	-0.50000	0.0	0.0	0.0
	-6.00000	-11.00000	0.00000	-7.8788	-0.50000	0.0	0.0	0.0
	-5.00000	-11.00000	0.00000	-8.2991	-0.50000	0.0	0.0	0.0
	-4.00000	-11.00000	0.00000	-8.7333	-0.50000	0.0	0.0	0.0
	-3.00000	-11.00000	0.00000	-9.1798	-0.50000	0.0	0.0	0.0
	-2.00000	-11.00000	0.00000	-9.6366	-0.50000	0.0	0.0	0.0
	-1.00000	-11.00000	0.00000	-10.101	-0.50000	0.0	0.0	0.0
	0.00000	-11.00000	0.00000	-10.571	-0.50000	0.0	0.0	0.0
	1.00000	-11.00000	0.00000	-11.041	-0.50000	0.0	0.0	0.0
	2.00000	-11.00000	0.00000	-11.510	-0.50000	0.0	0.0	0.0
	3.00000	-11.00000	0.00000	-11.972	-0.50000	0.0	0.0	0.0
	4.00000	-11.00000	0.00000	-12.423	-0.50000	0.0	0.0	0.0
	5.00000	-11.00000	0.00000	-12.861	-0.50000	0.0	0.0	0.0
	6.00000	-11.00000	0.00000	-13.281	-0.50000	0.0	0.0	0.0
	7.00000	-11.00000	0.00000	-13.680	-0.50000	0.0	0.0	0.0
	8.00000	-11.00000	0.00000	-14.055	-0.50000	0.0	0.0	0.0
	9.00000	-11.00000	0.00000	-14.405	-0.50000	0.0	0.0	0.0
	10.00000	-11.00000	0.00000	-14.727	-0.50000	0.0	0.0	0.0
	11.00000	-11.00000	0.00000	-15.021	-0.50000	0.0	0.0	0.0
	12.00000	-11.00000	0.00000	-15.285	-0.50000	0.0	0.0	0.0
	13.00000	-11.00000	0.00000	-15.519	-0.50000	0.0	0.0	0.0
	14.00000	-11.00000	0.00000	-15.722	-0.50000	0.0	0.0	0.0
	15.00000	-11.00000	0.00000	-15.893	-0.50000	0.0	0.0	0.0
	16.00000	-11.00000	0.00000	-16.033	-0.50000	0.0	0.0	0.0
	17.00000	-11.00000	0.00000	-16.142	-0.50000	0.0	0.0	0.0
	18.00000	-11.00000	0.00000	-16.219	-0.50000	0.0	0.0	0.0
	19.00000	-11.00000	0.00000	-16.264	-0.50000	0.0	0.0	0.0
	20.00000	-11.00000	0.00000	-16.278	-0.50000	0.0	0.0	0.0
	21.00000	-11.00000	0.00000	-16.260	-0.50000	0.0	0.0	0.0
	22.00000	-11.00000	0.00000	-16.210	-0.50000	0.0	0.0	0.0
	23.00000	-11.00000	0.00000	-16.129	-0.50000	0.0	0.0	0.0
	24.00000	-11.00000	0.00000	-16.016	-0.50000	0.0	0.0	0.0
	25.00000	-11.00000	0.00000	-15.871	-0.50000	0.0	0.0	0.0
	26.00000	-11.00000	0.00000	-15.696	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	27.00000	-11.00000	0.00000	-15.489	-0.50000	0.0	0.0	0.0
	28.00000	-11.00000	0.00000	-15.251	-0.50000	0.0	0.0	0.0
	29.00000	-11.00000	0.00000	-14.983	-0.50000	0.0	0.0	0.0
	30.00000	-11.00000	0.00000	-14.686	-0.50000	0.0	0.0	0.0
	31.00000	-11.00000	0.00000	-14.360	-0.50000	0.0	0.0	0.0
	32.00000	-11.00000	0.00000	-14.006	-0.50000	0.0	0.0	0.0
	33.00000	-11.00000	0.00000	-13.628	-0.50000	0.0	0.0	0.0
	34.00000	-11.00000	0.00000	-13.226	-0.50000	0.0	0.0	0.0
	35.00000	-11.00000	0.00000	-12.803	-0.50000	0.0	0.0	0.0
	36.00000	-11.00000	0.00000	-12.363	-0.50000	0.0	0.0	0.0
	37.00000	-11.00000	0.00000	-11.909	-0.50000	0.0	0.0	0.0
	38.00000	-11.00000	0.00000	-11.445	-0.50000	0.0	0.0	0.0
	39.00000	-11.00000	0.00000	-10.975	-0.50000	0.0	0.0	0.0
	40.00000	-11.00000	0.00000	-10.503	-0.50000	0.0	0.0	0.0
	41.00000	-11.00000	0.00000	-10.033	-0.50000	0.0	0.0	0.0
	42.00000	-11.00000	0.00000	-9.5675	-0.50000	0.0	0.0	0.0
	43.00000	-11.00000	0.00000	-9.1103	-0.50000	0.0	0.0	0.0
	44.00000	-11.00000	0.00000	-8.6636	-0.50000	0.0	0.0	0.0
	45.00000	-11.00000	0.00000	-8.2296	-0.50000	0.0	0.0	0.0
	46.00000	-11.00000	0.00000	-7.8098	-0.50000	0.0	0.0	0.0
	47.00000	-11.00000	0.00000	-7.4051	-0.50000	0.0	0.0	0.0
	48.00000	-11.00000	0.00000	-7.0164	-0.50000	0.0	0.0	0.0
	49.00000	-11.00000	0.00000	-6.6440	-0.50000	0.0	0.0	0.0
	50.00000	-11.00000	0.00000	-6.2880	-0.50000	0.0	0.0	0.0
	51.00000	-11.00000	0.00000	-5.9484	-0.50000	0.0	0.0	0.0
	52.00000	-11.00000	0.00000	-5.6249	-0.50000	0.0	0.0	0.0
	53.00000	-11.00000	0.00000	-5.3172	-0.50000	0.0	0.0	0.0
	54.00000	-11.00000	0.00000	-5.0248	-0.50000	0.0	0.0	0.0
	55.00000	-11.00000	0.00000	-4.7472	-0.50000	0.0	0.0	0.0
	56.00000	-11.00000	0.00000	-4.4839	-0.50000	0.0	0.0	0.0
	57.00000	-11.00000	0.00000	-4.2343	-0.50000	0.0	0.0	0.0
	58.00000	-11.00000	0.00000	-3.9978	-0.50000	0.0	0.0	0.0
	59.00000	-11.00000	0.00000	-3.7739	-0.50000	0.0	0.0	0.0
	60.00000	-11.00000	0.00000	-3.5619	-0.50000	0.0	0.0	0.0
	-20.00000	-10.00000	0.00000	-3.7536	-0.50000	0.0	0.0	0.0
	-19.00000	-10.00000	0.00000	-3.9800	-0.50000	0.0	0.0	0.0
	-18.00000	-10.00000	0.00000	-4.2196	-0.50000	0.0	0.0	0.0
	-17.00000	-10.00000	0.00000	-4.4730	-0.50000	0.0	0.0	0.0
	-16.00000	-10.00000	0.00000	-4.7408	-0.50000	0.0	0.0	0.0
	-15.00000	-10.00000	0.00000	-5.0239	-0.50000	0.0	0.0	0.0
	-14.00000	-10.00000	0.00000	-5.3229	-0.50000	0.0	0.0	0.0
	-13.00000	-10.00000	0.00000	-5.6386	-0.50000	0.0	0.0	0.0
	-12.00000	-10.00000	0.00000	-5.9715	-0.50000	0.0	0.0	0.0
	-11.00000	-10.00000	0.00000	-6.3223	-0.50000	0.0	0.0	0.0
	-10.00000	-10.00000	0.00000	-6.6916	-0.50000	0.0	0.0	0.0
	-9.00000	-10.00000	0.00000	-7.0798	-0.50000	0.0	0.0	0.0
	-8.00000	-10.00000	0.00000	-7.4871	-0.50000	0.0	0.0	0.0
	-7.00000	-10.00000	0.00000	-7.9136	-0.50000	0.0	0.0	0.0
	-6.00000	-10.00000	0.00000	-8.3591	-0.50000	0.0	0.0	0.0
	-5.00000	-10.00000	0.00000	-8.8231	-0.50000	0.0	0.0	0.0
	-4.00000	-10.00000	0.00000	-9.3043	-0.50000	0.0	0.0	0.0
	-3.00000	-10.00000	0.00000	-9.8014	-0.50000	0.0	0.0	0.0
	-2.00000	-10.00000	0.00000	-10.312	-0.50000	0.0	0.0	0.0
	-1.00000	-10.00000	0.00000	-10.833	-0.50000	0.0	0.0	0.0
	0.00000	-10.00000	0.00000	-11.362	-0.50000	0.0	0.0	0.0
	1.00000	-10.00000	0.00000	-11.893	-0.50000	0.0	0.0	0.0
	2.00000	-10.00000	0.00000	-12.423	-0.50000	0.0	0.0	0.0
	3.00000	-10.00000	0.00000	-12.946	-0.50000	0.0	0.0	0.0
	4.00000	-10.00000	0.00000	-13.457	-0.50000	0.0	0.0	0.0
	5.00000	-10.00000	0.00000	-13.952	-0.50000	0.0	0.0	0.0
	6.00000	-10.00000	0.00000	-14.426	-0.50000	0.0	0.0	0.0
	7.00000	-10.00000	0.00000	-14.875	-0.50000	0.0	0.0	0.0
	8.00000	-10.00000	0.00000	-15.297	-0.50000	0.0	0.0	0.0
	9.00000	-10.00000	0.00000	-15.690	-0.50000	0.0	0.0	0.0
	10.00000	-10.00000	0.00000	-16.050	-0.50000	0.0	0.0	0.0
	11.00000	-10.00000	0.00000	-16.378	-0.50000	0.0	0.0	0.0
	12.00000	-10.00000	0.00000	-16.672	-0.50000	0.0	0.0	0.0
	13.00000	-10.00000	0.00000	-16.931	-0.50000	0.0	0.0	0.0
	14.00000	-10.00000	0.00000	-17.156	-0.50000	0.0	0.0	0.0
	15.00000	-10.00000	0.00000	-17.345	-0.50000	0.0	0.0	0.0
	16.00000	-10.00000	0.00000	-17.500	-0.50000	0.0	0.0	0.0
	17.00000	-10.00000	0.00000	-17.620	-0.50000	0.0	0.0	0.0
	18.00000	-10.00000	0.00000	-17.705	-0.50000	0.0	0.0	0.0
	19.00000	-10.00000	0.00000	-17.755	-0.50000	0.0	0.0	0.0
	20.00000	-10.00000	0.00000	-17.770	-0.50000	0.0	0.0	0.0
	21.00000	-10.00000	0.00000	-17.750	-0.50000	0.0	0.0	0.0
	22.00000	-10.00000	0.00000	-17.695	-0.50000	0.0	0.0	0.0
	23.00000	-10.00000	0.00000	-17.606	-0.50000	0.0	0.0	0.0
	24.00000	-10.00000	0.00000	-17.481	-0.50000	0.0	0.0	0.0
	25.00000	-10.00000	0.00000	-17.322	-0.50000	0.0	0.0	0.0
	26.00000	-10.00000	0.00000	-17.128	-0.50000	0.0	0.0	0.0
	27.00000	-10.00000	0.00000	-16.898	-0.50000	0.0	0.0	0.0
	28.00000	-10.00000	0.00000	-16.635	-0.50000	0.0	0.0	0.0
	29.00000	-10.00000	0.00000	-16.336	-0.50000	0.0	0.0	0.0
	30.00000	-10.00000	0.00000	-16.005	-0.50000	0.0	0.0	0.0
	31.00000	-10.00000	0.00000	-15.640	-0.50000	0.0	0.0	0.0
	32.00000	-10.00000	0.00000	-15.244	-0.50000	0.0	0.0	0.0
	33.00000	-10.00000	0.00000	-14.818	-0.50000	0.0	0.0	0.0
	34.00000	-10.00000	0.00000	-14.365	-0.50000	0.0	0.0	0.0
	35.00000	-10.00000	0.00000	-13.888	-0.50000	0.0	0.0	0.0
	36.00000	-10.00000	0.00000	-13.391	-0.50000	0.0	0.0	0.0
	37.00000	-10.00000	0.00000	-12.877	-0.50000	0.0	0.0	0.0
	38.00000	-10.00000	0.00000	-12.352	-0.50000	0.0	0.0	0.0
	39.00000	-10.00000	0.00000	-11.821	-0.50000	0.0	0.0	0.0
	40.00000	-10.00000	0.00000	-11.288	-0.50000	0.0	0.0	0.0
	41.00000	-10.00000	0.00000	-10.758	-0.50000	0.0	0.0	0.0
	42.00000	-10.00000	0.00000	-10.236	-0.50000	0.0	0.0	0.0
	43.00000	-10.00000	0.00000	-9.7252	-0.50000	0.0	0.0	0.0
	44.00000	-10.00000	0.00000	-9.2280	-0.50000	0.0	0.0	0.0
	45.00000	-10.00000	0.00000	-8.7470	-0.50000	0.0	0.0	0.0
	46.00000	-10.00000	0.00000	-8.2836	-0.50000	0.0	0.0	0.0
	47.00000	-10.00000	0.00000	-7.8389	-0.50000	0.0	0.0	0.0
	48.00000	-10.00000	0.00000	-7.4135	-0.50000	0.0	0.0	0.0
	49.00000	-10.00000	0.00000	-7.0075	-0.50000	0.0	0.0	0.0
	50.00000	-10.00000	0.00000	-6.6208	-0.50000	0.0	0.0	0.0
	51.00000	-10.00000	0.00000	-6.2533	-0.50000	0.0	0.0	0.0
	52.00000	-10.00000	0.00000	-5.9043	-0.50000	0.0	0.0	0.0
	53.00000	-10.00000	0.00000	-5.5733	-0.50000	0.0	0.0	0.0
	54.00000	-10.00000	0.00000	-5.2598	-0.50000	0.0	0.0	0.0
	55.00000	-10.00000	0.00000	-4.9629	-0.50000	0.0	0.0	0.0
	56.00000	-10.00000	0.00000	-4.6820	-0.50000	0.0	0.0	0.0
	57.00000	-10.00000	0.00000	-4.4164	-0.50000	0.0	0.0	0.0
	58.00000	-10.00000	0.00000	-4.1652	-0.50000	0.0	0.0	0.0
	59.00000	-10.00000	0.00000	-3.9279	-0.50000	0.0	0.0	0.0
	60.00000	-10.00000	0.00000	-3.7037	-0.50000	0.0	0.0	0.0
	-20.00000	-9.00000	0.00000	-3.9007	-0.50000	0.0	0.0	0.0
	-19.00000	-9.00000	0.00000	-4.1400	-0.50000	0.0	0.0	0.0
	-18.00000	-9.00000	0.00000	-4.3937	-0.50000	0.0	0.0	0.0
	-17.00000	-9.00000	0.00000	-4.6626	-0.50000	0.0	0.0	0.0
	-16.00000	-9.00000	0.00000	-4.9476	-0.50000	0.0	0.0	0.0
	-15.00000	-9.00000	0.00000	-5.2494	-0.50000	0.0	0.0	0.0
	-14.00000	-9.00000	0.00000	-5.5690	-0.50000	0.0	0.0	0.0
	-13.00000	-9.00000	0.00000	-5.9074	-0.50000	0.0	0.0	0.0
	-12.00000	-9.00000	0.00000	-6.2653	-0.50000	0.0	0.0	0.0
	-11.00000	-9.00000	0.00000	-6.6437	-0.50000	0.0	0.0	0.0
	-10.00000	-9.00000	0.00000	-7.0433	-0.50000	0.0	0.0	0.0
	-9.00000	-9.00000	0.00000	-7.4650	-0.50000	0.0	0.0	0.0
	-8.00000	-9.00000	0.00000	-7.9092	-0.50000	0.0	0.0	0.0
	-7.00000	-9.00000	0.00000	-8.3764	-0.50000	0.0	0.0	0.0
	-6.00000	-9.00000	0.00000	-8.8666	-0.50000	0.0	0.0	0.0
	-5.00000	-9.00000	0.00000	-9.3794	-0.50000	0.0	0.0	0.0
	-4.00000	-9.00000	0.00000	-9.9141	-0.50000	0.0	0.0	0.0
	-3.00000	-9.00000	0.00000	-10.469	-0.50000	0.0	0.0	0.0
	-2.00000	-9.00000	0.00000	-11.042	-0.50000	0.0	0.0	0.0
	-1.00000	-9.00000	0.00000	-11.629	-0.50000	0.0	0.0	0.0
	0.00

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	6.00000	-9.00000	0.00000	-15.709	-0.50000	0.0	0.0	0.0
	7.00000	-9.00000	0.00000	-16.217	-0.50000	0.0	0.0	0.0
	8.00000	-9.00000	0.00000	-16.693	-0.50000	0.0	0.0	0.0
	9.00000	-9.00000	0.00000	-17.134	-0.50000	0.0	0.0	0.0
	10.00000	-9.00000	0.00000	-17.538	-0.50000	0.0	0.0	0.0
	11.00000	-9.00000	0.00000	-17.904	-0.50000	0.0	0.0	0.0
	12.00000	-9.00000	0.00000	-18.231	-0.50000	0.0	0.0	0.0
	13.00000	-9.00000	0.00000	-18.519	-0.50000	0.0	0.0	0.0
	14.00000	-9.00000	0.00000	-18.768	-0.50000	0.0	0.0	0.0
	15.00000	-9.00000	0.00000	-18.977	-0.50000	0.0	0.0	0.0
	16.00000	-9.00000	0.00000	-19.148	-0.50000	0.0	0.0	0.0
	17.00000	-9.00000	0.00000	-19.280	-0.50000	0.0	0.0	0.0
	18.00000	-9.00000	0.00000	-19.373	-0.50000	0.0	0.0	0.0
	19.00000	-9.00000	0.00000	-19.428	-0.50000	0.0	0.0	0.0
	20.00000	-9.00000	0.00000	-19.445	-0.50000	0.0	0.0	0.0
	21.00000	-9.00000	0.00000	-19.423	-0.50000	0.0	0.0	0.0
	22.00000	-9.00000	0.00000	-19.363	-0.50000	0.0	0.0	0.0
	23.00000	-9.00000	0.00000	-19.264	-0.50000	0.0	0.0	0.0
	24.00000	-9.00000	0.00000	-19.127	-0.50000	0.0	0.0	0.0
	25.00000	-9.00000	0.00000	-18.951	-0.50000	0.0	0.0	0.0
	26.00000	-9.00000	0.00000	-18.737	-0.50000	0.0	0.0	0.0
	27.00000	-9.00000	0.00000	-18.483	-0.50000	0.0	0.0	0.0
	28.00000	-9.00000	0.00000	-18.190	-0.50000	0.0	0.0	0.0
	29.00000	-9.00000	0.00000	-17.858	-0.50000	0.0	0.0	0.0
	30.00000	-9.00000	0.00000	-17.488	-0.50000	0.0	0.0	0.0
	31.00000	-9.00000	0.00000	-17.079	-0.50000	0.0	0.0	0.0
	32.00000	-9.00000	0.00000	-16.634	-0.50000	0.0	0.0	0.0
	33.00000	-9.00000	0.00000	-16.154	-0.50000	0.0	0.0	0.0
	34.00000	-9.00000	0.00000	-15.642	-0.50000	0.0	0.0	0.0
	35.00000	-9.00000	0.00000	-15.101	-0.50000	0.0	0.0	0.0
	36.00000	-9.00000	0.00000	-14.536	-0.50000	0.0	0.0	0.0
	37.00000	-9.00000	0.00000	-13.952	-0.50000	0.0	0.0	0.0
	38.00000	-9.00000	0.00000	-13.354	-0.50000	0.0	0.0	0.0
	39.00000	-9.00000	0.00000	-12.750	-0.50000	0.0	0.0	0.0
	40.00000	-9.00000	0.00000	-12.146	-0.50000	0.0	0.0	0.0
	41.00000	-9.00000	0.00000	-11.547	-0.50000	0.0	0.0	0.0
	42.00000	-9.00000	0.00000	-10.958	-0.50000	0.0	0.0	0.0
	43.00000	-9.00000	0.00000	-10.385	-0.50000	0.0	0.0	0.0
	44.00000	-9.00000	0.00000	-9.8303	-0.50000	0.0	0.0	0.0
	45.00000	-9.00000	0.00000	-9.2960	-0.50000	0.0	0.0	0.0
	46.00000	-9.00000	0.00000	-8.7838	-0.50000	0.0	0.0	0.0
	47.00000	-9.00000	0.00000	-8.2947	-0.50000	0.0	0.0	0.0
	48.00000	-9.00000	0.00000	-7.8288	-0.50000	0.0	0.0	0.0
	49.00000	-9.00000	0.00000	-7.3862	-0.50000	0.0	0.0	0.0
	50.00000	-9.00000	0.00000	-6.9663	-0.50000	0.0	0.0	0.0
	51.00000	-9.00000	0.00000	-6.5686	-0.50000	0.0	0.0	0.0
	52.00000	-9.00000	0.00000	-6.1924	-0.50000	0.0	0.0	0.0
	53.00000	-9.00000	0.00000	-5.8367	-0.50000	0.0	0.0	0.0
	54.00000	-9.00000	0.00000	-5.5008	-0.50000	0.0	0.0	0.0
	55.00000	-9.00000	0.00000	-5.1836	-0.50000	0.0	0.0	0.0
	56.00000	-9.00000	0.00000	-4.8842	-0.50000	0.0	0.0	0.0
	57.00000	-9.00000	0.00000	-4.6018	-0.50000	0.0	0.0	0.0
	58.00000	-9.00000	0.00000	-4.3355	-0.50000	0.0	0.0	0.0
	59.00000	-9.00000	0.00000	-4.0843	-0.50000	0.0	0.0	0.0
	60.00000	-9.00000	0.00000	-3.8474	-0.50000	0.0	0.0	0.0
	-20.00000	-8.00000	0.00000	-4.0494	-0.50000	0.0	0.0	0.0
	-19.00000	-8.00000	0.00000	-4.3021	-0.50000	0.0	0.0	0.0
	-18.00000	-8.00000	0.00000	-4.5705	-0.50000	0.0	0.0	0.0
	-17.00000	-8.00000	0.00000	-4.8555	-0.50000	0.0	0.0	0.0
	-16.00000	-8.00000	0.00000	-5.1582	-0.50000	0.0	0.0	0.0
	-15.00000	-8.00000	0.00000	-5.4797	-0.50000	0.0	0.0	0.0
	-14.00000	-8.00000	0.00000	-5.8210	-0.50000	0.0	0.0	0.0
	-13.00000	-8.00000	0.00000	-6.1833	-0.50000	0.0	0.0	0.0
	-12.00000	-8.00000	0.00000	-6.5677	-0.50000	0.0	0.0	0.0
	-11.00000	-8.00000	0.00000	-6.9755	-0.50000	0.0	0.0	0.0
	-10.00000	-8.00000	0.00000	-7.4078	-0.50000	0.0	0.0	0.0
	-9.00000	-8.00000	0.00000	-7.8656	-0.50000	0.0	0.0	0.0
	-8.00000	-8.00000	0.00000	-8.3501	-0.50000	0.0	0.0	0.0
	-7.00000	-8.00000	0.00000	-8.8619	-0.50000	0.0	0.0	0.0
	-6.00000	-8.00000	0.00000	-9.4017	-0.50000	0.0	0.0	0.0
	-5.00000	-8.00000	0.00000	-9.9694	-0.50000	0.0	0.0	0.0
	-4.00000	-8.00000	0.00000	-10.565	-0.50000	0.0	0.0	0.0
	-3.00000	-8.00000	0.00000	-11.186	-0.50000	0.0	0.0	0.0
	-2.00000	-8.00000	0.00000	-11.831	-0.50000	0.0	0.0	0.0
	-1.00000	-8.00000	0.00000	-12.496	-0.50000	0.0	0.0	0.0
	0.00000	-8.00000	0.00000	-13.176	-0.50000	0.0	0.0	0.0
	1.00000	-8.00000	0.00000	-13.865	-0.50000	0.0	0.0	0.0
	2.00000	-8.00000	0.00000	-14.554	-0.50000	0.0	0.0	0.0
	3.00000	-8.00000	0.00000	-15.236	-0.50000	0.0	0.0	0.0
	4.00000	-8.00000	0.00000	-15.903	-0.50000	0.0	0.0	0.0
	5.00000	-8.00000	0.00000	-16.545	-0.50000	0.0	0.0	0.0
	6.00000	-8.00000	0.00000	-17.158	-0.50000	0.0	0.0	0.0
	7.00000	-8.00000	0.00000	-17.735	-0.50000	0.0	0.0	0.0
	8.00000	-8.00000	0.00000	-18.273	-0.50000	0.0	0.0	0.0
	9.00000	-8.00000	0.00000	-18.770	-0.50000	0.0	0.0	0.0
	10.00000	-8.00000	0.00000	-19.222	-0.50000	0.0	0.0	0.0
	11.00000	-8.00000	0.00000	-19.631	-0.50000	0.0	0.0	0.0
	12.00000	-8.00000	0.00000	-19.995	-0.50000	0.0	0.0	0.0
	13.00000	-8.00000	0.00000	-20.315	-0.50000	0.0	0.0	0.0
	14.00000	-8.00000	0.00000	-20.590	-0.50000	0.0	0.0	0.0
	15.00000	-8.00000	0.00000	-20.822	-0.50000	0.0	0.0	0.0
	16.00000	-8.00000	0.00000	-21.010	-0.50000	0.0	0.0	0.0
	17.00000	-8.00000	0.00000	-21.155	-0.50000	0.0	0.0	0.0
	18.00000	-8.00000	0.00000	-21.258	-0.50000	0.0	0.0	0.0
	19.00000	-8.00000	0.00000	-21.318	-0.50000	0.0	0.0	0.0
	20.00000	-8.00000	0.00000	-21.336	-0.50000	0.0	0.0	0.0
	21.00000	-8.00000	0.00000	-21.312	-0.50000	0.0	0.0	0.0
	22.00000	-8.00000	0.00000	-21.246	-0.50000	0.0	0.0	0.0
	23.00000	-8.00000	0.00000	-21.138	-0.50000	0.0	0.0	0.0
	24.00000	-8.00000	0.00000	-20.987	-0.50000	0.0	0.0	0.0
	25.00000	-8.00000	0.00000	-20.793	-0.50000	0.0	0.0	0.0
	26.00000	-8.00000	0.00000	-20.556	-0.50000	0.0	0.0	0.0
	27.00000	-8.00000	0.00000	-20.275	-0.50000	0.0	0.0	0.0
	28.00000	-8.00000	0.00000	-19.950	-0.50000	0.0	0.0	0.0
	29.00000	-8.00000	0.00000	-19.581	-0.50000	0.0	0.0	0.0
	30.00000	-8.00000	0.00000	-19.167	-0.50000	0.0	0.0	0.0
	31.00000	-8.00000	0.00000	-18.709	-0.50000	0.0	0.0	0.0
	32.00000	-8.00000	0.00000	-18.208	-0.50000	0.0	0.0	0.0
	33.00000	-8.00000	0.00000	-17.666	-0.50000	0.0	0.0	0.0
	34.00000	-8.00000	0.00000	-17.084	-0.50000	0.0	0.0	0.0
	35.00000	-8.00000	0.00000	-16.468	-0.50000	0.0	0.0	0.0
	36.00000	-8.00000	0.00000	-15.822	-0.50000	0.0	0.0	0.0
	37.00000	-8.00000	0.00000	-15.153	-0.50000	0.0	0.0	0.0
	38.00000	-8.00000	0.00000	-14.468	-0.50000	0.0	0.0	0.0
	39.00000	-8.00000	0.00000	-13.777	-0.50000	0.0	0.0	0.0
	40.00000	-8.00000	0.00000	-13.086	-0.50000	0.0	0.0	0.0
	41.00000	-8.00000	0.00000	-12.405	-0.50000	0.0	0.0	0.0
	42.00000	-8.00000	0.00000	-11.739	-0.50000	0.0	0.0	0.0
	43.00000	-8.00000	0.00000	-11.094	-0.50000	0.0	0.0	0.0
	44.00000	-8.00000	0.00000	-10.472	-0.50000	0.0	0.0	0.0
	45.00000	-8.00000	0.00000	-9.8777	-0.50000	0.0	0.0	0.0
	46.00000	-8.00000	0.00000	-9.3109	-0.50000	0.0	0.0	0.0
	47.00000	-8.00000	0.00000	-8.7724	-0.50000	0.0	0.0	0.0
	48.00000	-8.00000	0.00000	-8.2622	-0.50000	0.0	0.0	0.0
	49.00000	-8.00000	0.00000	-7.7796	-0.50000	0.0	0.0	0.0
	50.00000	-8.00000	0.00000	-7.3238	-0.50000	0.0	0.0	0.0
	51.00000	-8.00000	0.00000	-6.8939	-0.50000	0.0	0.0	0.0
	52.00000	-8.00000	0.00000	-6.4886	-0.50000	0.0	0.0	0.0
	53.00000	-8.00000	0.00000	-6.1068	-0.50000	0.0	0.0	0.0
	54.00000	-8.00000	0.00000	-5.7472	-0.50000	0.0	0.0	0.0
	55.00000	-8.00000	0.00000	-5.4087	-0.50000	0.0	0.0	0.0
	56.00000	-8.00000	0.00000	-5.0901	-0.50000	0.0	0.0	0.0
	57.00000	-8.00000	0.00000	-4.7902	-0.50000	0.0	0.0	0.0
	58.00000	-8.00000	0.00000	-4.5080	-0.50000	0.0	0.0	0.0
	59.00000	-8.00000	0.00000	-4.2425	-0.50000	0.0	0.0	0.0
	60.00000	-8.00000	0.00000	-3.9926	-0.50000	0.0	0.0	0.0
	-20.00000	-7.00000	0.00000	-4.1994	-0.50000	0.0	0.0	0.0
	-19.00000	-7.00000	0.00000	-4.4658	-0.50000	0.0	0.0	0.0
	-18.00000	-7.00000	0.00000	-4.7493	-0.50000	0.0	0.0	0.0
	-17.00000	-7.00000	0.00000	-5.0510	-0.50000	0.0	0.0	0.0
	-16.00000	-7.00000	0.00000	-5.3722	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-15.00000	-7.00000	0.00000	-5.7141	-0.50000	0.0	0.0	0.0
	-14.00000	-7.00000	0.00000	-6.0781	-0.50000	0.0	0.0	0.0
	-13.00000	-7.00000	0.00000	-6.4655	-0.50000	0.0	0.0	0.0
	-12.00000	-7.00000	0.00000	-6.8780	-0.50000	0.0	0.0	0.0
	-11.00000	-7.00000	0.00000	-7.3170	-0.50000	0.0	0.0	0.0
	-10.00000	-7.00000	0.00000	-7.7841	-0.50000	0.0	0.0	0.0
	-9.00000	-7.00000	0.00000	-8.2810	-0.50000	0.0	0.0	0.0
	-8.00000	-7.00000	0.00000	-8.8091	-0.50000	0.0	0.0	0.0
	-7.00000	-7.00000	0.00000	-9.3699	-0.50000	0.0	0.0	0.0
	-6.00000	-7.00000	0.00000	-9.9645	-0.50000	0.0	0.0	0.0
	-5.00000	-7.00000	0.00000	-10.594	-0.50000	0.0	0.0	0.0
	-4.00000	-7.00000	0.00000	-11.258	-0.50000	0.0	0.0	0.0
	-3.00000	-7.00000	0.00000	-11.956	-0.50000	0.0	0.0	0.0
	-2.00000	-7.00000	0.00000	-12.685	-0.50000	0.0	0.0	0.0
	-1.00000	-7.00000	0.00000	-13.443	-0.50000	0.0	0.0	0.0
	0.00000	-7.00000	0.00000	-14.222	-0.50000	0.0	0.0	0.0
	1.00000	-7.00000	0.00000	-15.014	-0.50000	0.0	0.0	0.0
	2.00000	-7.00000	0.00000	-15.810	-0.50000	0.0	0.0	0.0
	3.00000	-7.00000	0.00000	-16.599	-0.50000	0.0	0.0	0.0
	4.00000	-7.00000	0.00000	-17.368	-0.50000	0.0	0.0	0.0
	5.00000	-7.00000	0.00000	-18.107	-0.50000	0.0	0.0	0.0
	6.00000	-7.00000	0.00000	-18.809	-0.50000	0.0	0.0	0.0
	7.00000	-7.00000	0.00000	-19.468	-0.50000	0.0	0.0	0.0
	8.00000	-7.00000	0.00000	-20.078	-0.50000	0.0	0.0	0.0
	9.00000	-7.00000	0.00000	-20.638	-0.50000	0.0	0.0	0.0
	10.00000	-7.00000	0.00000	-21.146	-0.50000	0.0	0.0	0.0
	11.00000	-7.00000	0.00000	-21.603	-0.50000	0.0	0.0	0.0
	12.00000	-7.00000	0.00000	-22.008	-0.50000	0.0	0.0	0.0
	13.00000	-7.00000	0.00000	-22.362	-0.50000	0.0	0.0	0.0
	14.00000	-7.00000	0.00000	-22.666	-0.50000	0.0	0.0	0.0
	15.00000	-7.00000	0.00000	-22.922	-0.50000	0.0	0.0	0.0
	16.00000	-7.00000	0.00000	-23.129	-0.50000	0.0	0.0	0.0
	17.00000	-7.00000	0.00000	-23.288	-0.50000	0.0	0.0	0.0
	18.00000	-7.00000	0.00000	-23.401	-0.50000	0.0	0.0	0.0
	19.00000	-7.00000	0.00000	-23.467	-0.50000	0.0	0.0	0.0
	20.00000	-7.00000	0.00000	-23.487	-0.50000	0.0	0.0	0.0
	21.00000	-7.00000	0.00000	-23.461	-0.50000	0.0	0.0	0.0
	22.00000	-7.00000	0.00000	-23.388	-0.50000	0.0	0.0	0.0
	23.00000	-7.00000	0.00000	-23.269	-0.50000	0.0	0.0	0.0
	24.00000	-7.00000	0.00000	-23.104	-0.50000	0.0	0.0	0.0
	25.00000	-7.00000	0.00000	-22.890	-0.50000	0.0	0.0	0.0
	26.00000	-7.00000	0.00000	-22.629	-0.50000	0.0	0.0	0.0
	27.00000	-7.00000	0.00000	-22.319	-0.50000	0.0	0.0	0.0
	28.00000	-7.00000	0.00000	-21.958	-0.50000	0.0	0.0	0.0
	29.00000	-7.00000	0.00000	-21.547	-0.50000	0.0	0.0	0.0
	30.00000	-7.00000	0.00000	-21.085	-0.50000	0.0	0.0	0.0
	31.00000	-7.00000	0.00000	-20.571	-0.50000	0.0	0.0	0.0
	32.00000	-7.00000	0.00000	-20.006	-0.50000	0.0	0.0	0.0
	33.00000	-7.00000	0.00000	-19.391	-0.50000	0.0	0.0	0.0
	34.00000	-7.00000	0.00000	-18.728	-0.50000	0.0	0.0	0.0
	35.00000	-7.00000	0.00000	-18.022	-0.50000	0.0	0.0	0.0
	36.00000	-7.00000	0.00000	-17.279	-0.50000	0.0	0.0	0.0
	37.00000	-7.00000	0.00000	-16.506	-0.50000	0.0	0.0	0.0
	38.00000	-7.00000	0.00000	-15.715	-0.50000	0.0	0.0	0.0
	39.00000	-7.00000	0.00000	-14.917	-0.50000	0.0	0.0	0.0
	40.00000	-7.00000	0.00000	-14.122	-0.50000	0.0	0.0	0.0
	41.00000	-7.00000	0.00000	-13.342	-0.50000	0.0	0.0	0.0
	42.00000	-7.00000	0.00000	-12.584	-0.50000	0.0	0.0	0.0
	43.00000	-7.00000	0.00000	-11.854	-0.50000	0.0	0.0	0.0
	44.00000	-7.00000	0.00000	-11.156	-0.50000	0.0	0.0	0.0
	45.00000	-7.00000	0.00000	-10.493	-0.50000	0.0	0.0	0.0
	46.00000	-7.00000	0.00000	-9.8649	-0.50000	0.0	0.0	0.0
	47.00000	-7.00000	0.00000	-9.2718	-0.50000	0.0	0.0	0.0
	48.00000	-7.00000	0.00000	-8.7129	-0.50000	0.0	0.0	0.0
	49.00000	-7.00000	0.00000	-8.1870	-0.50000	0.0	0.0	0.0
	50.00000	-7.00000	0.00000	-7.6926	-0.50000	0.0	0.0	0.0
	51.00000	-7.00000	0.00000	-7.2282	-0.50000	0.0	0.0	0.0
	52.00000	-7.00000	0.00000	-6.7921	-0.50000	0.0	0.0	0.0
	53.00000	-7.00000	0.00000	-6.3826	-0.50000	0.0	0.0	0.0
	54.00000	-7.00000	0.00000	-5.9983	-0.50000	0.0	0.0	0.0
	55.00000	-7.00000	0.00000	-5.6375	-0.50000	0.0	0.0	0.0
	56.00000	-7.00000	0.00000	-5.2988	-0.50000	0.0	0.0	0.0
	57.00000	-7.00000	0.00000	-4.9809	-0.50000	0.0	0.0	0.0
	58.00000	-7.00000	0.00000	-4.6823	-0.50000	0.0	0.0	0.0
	59.00000	-7.00000	0.00000	-4.4020	-0.50000	0.0	0.0	0.0
	60.00000	-7.00000	0.00000	-4.1387	-0.50000	0.0	0.0	0.0
	-20.00000	-6.00000	0.00000	-4.3501	-0.50000	0.0	0.0	0.0
	-19.00000	-6.00000	0.00000	-4.6306	-0.50000	0.0	0.0	0.0
	-18.00000	-6.00000	0.00000	-4.9296	-0.50000	0.0	0.0	0.0
	-17.00000	-6.00000	0.00000	-5.2485	-0.50000	0.0	0.0	0.0
	-16.00000	-6.00000	0.00000	-5.5888	-0.50000	0.0	0.0	0.0
	-15.00000	-6.00000	0.00000	-5.9519	-0.50000	0.0	0.0	0.0
	-14.00000	-6.00000	0.00000	-6.3394	-0.50000	0.0	0.0	0.0
	-13.00000	-6.00000	0.00000	-6.7532	-0.50000	0.0	0.0	0.0
	-12.00000	-6.00000	0.00000	-7.1951	-0.50000	0.0	0.0	0.0
	-11.00000	-6.00000	0.00000	-7.6671	-0.50000	0.0	0.0	0.0
	-10.00000	-6.00000	0.00000	-8.1713	-0.50000	0.0	0.0	0.0
	-9.00000	-6.00000	0.00000	-8.7099	-0.50000	0.0	0.0	0.0
	-8.00000	-6.00000	0.00000	-9.2852	-0.50000	0.0	0.0	0.0
	-7.00000	-6.00000	0.00000	-9.8994	-0.50000	0.0	0.0	0.0
	-6.00000	-6.00000	0.00000	-10.555	-0.50000	0.0	0.0	0.0
	-5.00000	-6.00000	0.00000	-11.253	-0.50000	0.0	0.0	0.0
	-4.00000	-6.00000	0.00000	-11.995	-0.50000	0.0	0.0	0.0
	-3.00000	-6.00000	0.00000	-12.781	-0.50000	0.0	0.0	0.0
	-2.00000	-6.00000	0.00000	-13.610	-0.50000	0.0	0.0	0.0
	-1.00000	-6.00000	0.00000	-14.478	-0.50000	0.0	0.0	0.0
	0.00000	-6.00000	0.00000	-15.378	-0.50000	0.0	0.0	0.0
	1.00000	-6.00000	0.00000	-16.299	-0.50000	0.0	0.0	0.0
	2.00000	-6.00000	0.00000	-17.228	-0.50000	0.0	0.0	0.0
	3.00000	-6.00000	0.00000	-18.149	-0.50000	0.0	0.0	0.0
	4.00000	-6.00000	0.00000	-19.046	-0.50000	0.0	0.0	0.0
	5.00000	-6.00000	0.00000	-19.904	-0.50000	0.0	0.0	0.0
	6.00000	-6.00000	0.00000	-20.714	-0.50000	0.0	0.0	0.0
	7.00000	-6.00000	0.00000	-21.468	-0.50000	0.0	0.0	0.0
	8.00000	-6.00000	0.00000	-22.162	-0.50000	0.0	0.0	0.0
	9.00000	-6.00000	0.00000	-22.794	-0.50000	0.0	0.0	0.0
	10.00000	-6.00000	0.00000	-23.365	-0.50000	0.0	0.0	0.0
	11.00000	-6.00000	0.00000	-23.875	-0.50000	0.0	0.0	0.0
	12.00000	-6.00000	0.00000	-24.325	-0.50000	0.0	0.0	0.0
	13.00000	-6.00000	0.00000	-24.717	-0.50000	0.0	0.0	0.0
	14.00000	-6.00000	0.00000	-25.053	-0.50000	0.0	0.0	0.0
	15.00000	-6.00000	0.00000	-25.334	-0.50000	0.0	0.0	0.0
	16.00000	-6.00000	0.00000	-25.561	-0.50000	0.0	0.0	0.0
	17.00000	-6.00000	0.00000	-25.736	-0.50000	0.0	0.0	0.0
	18.00000	-6.00000	0.00000	-25.859	-0.50000	0.0	0.0	0.0
	19.00000	-6.00000	0.00000	-25.932	-0.50000	0.0	0.0	0.0
	20.00000	-6.00000	0.00000	-25.954	-0.50000	0.0	0.0	0.0
	21.00000	-6.00000	0.00000	-25.925	-0.50000	0.0	0.0	0.0
	22.00000	-6.00000	0.00000	-25.846	-0.50000	0.0	0.0	0.0
	23.00000	-6.00000	0.00000	-25.716	-0.50000	0.0	0.0	0.0
	24.00000	-6.00000	0.00000	-25.534	-0.50000	0.0	0.0	0.0
	25.00000	-6.00000	0.00000	-25.300	-0.50000	0.0	0.0	0.0
	26.00000	-6.00000	0.00000	-25.012	-0.50000	0.0	0.0	0.0
	27.00000	-6.00000	0.00000	-24.670	-0.50000	0.0	0.0	0.0
	28.00000	-6.00000	0.00000	-24.271	-0.50000	0.0	0.0	0.0
	29.00000	-6.00000	0.00000	-23.814	-0.50000	0.0	0.0	0.0
	30.00000	-6.00000	0.00000	-23.298	-0.50000	0.0	0.0	0.0
	31.00000	-6.00000	0.00000	-22.721	-0.50000	0.0	0.0	0.0
	32.00000	-6.00000	0.00000	-22.083	-0.50000	0.0	0.0	0.0
	33.00000	-6.00000	0.00000	-21.383	-0.50000	0.0	0.0	0.0
	34.00000	-6.00000	0.00000	-20.624	-0.50000	0.0	0.0	0.0
	35.00000	-6.00000	0.00000	-19.810	-0.50000	0.0	0.0	0.0
	36.00000	-6.00000	0.00000	-18.947	-0.50000	0.0	0.0	0.0
	37.00000	-6.00000	0.00000	-18.047	-0.50000	0.0	0.0	0.0
	38.00000	-6.00000	0.00000	-17.123	-0.50000	0.0	0.0	0.0
	39.00000	-6.00000	0.00000	-16.191	-0.50000	0.0	0.0	0.0
	40.00000	-6.00000	0.00000	-15.267	-0.50000	0.0	0.0	0.0
	41

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	45.00000	-6.00000	0.00000	-11.142	-0.50000	0.0	0.0	0.0
	46.00000	-6.00000	0.00000	-10.445	-0.50000	0.0	0.0	0.0
	47.00000	-6.00000	0.00000	-9.7917	-0.50000	0.0	0.0	0.0
	48.00000	-6.00000	0.00000	-9.1798	-0.50000	0.0	0.0	0.0
	49.00000	-6.00000	0.00000	-8.6072	-0.50000	0.0	0.0	0.0
	50.00000	-6.00000	0.00000	-8.0715	-0.50000	0.0	0.0	0.0
	51.00000	-6.00000	0.00000	-7.5704	-0.50000	0.0	0.0	0.0
	52.00000	-6.00000	0.00000	-7.1018	-0.50000	0.0	0.0	0.0
	53.00000	-6.00000	0.00000	-6.6634	-0.50000	0.0	0.0	0.0
	54.00000	-6.00000	0.00000	-6.2531	-0.50000	0.0	0.0	0.0
	55.00000	-6.00000	0.00000	-5.8692	-0.50000	0.0	0.0	0.0
	56.00000	-6.00000	0.00000	-5.5098	-0.50000	0.0	0.0	0.0
	57.00000	-6.00000	0.00000	-5.1732	-0.50000	0.0	0.0	0.0
	58.00000	-6.00000	0.00000	-4.8578	-0.50000	0.0	0.0	0.0
	59.00000	-6.00000	0.00000	-4.5623	-0.50000	0.0	0.0	0.0
	60.00000	-6.00000	0.00000	-4.2853	-0.50000	0.0	0.0	0.0
	-20.00000	-5.00000	0.00000	-4.5010	-0.50000	0.0	0.0	0.0
	-19.00000	-5.00000	0.00000	-4.7958	-0.50000	0.0	0.0	0.0
	-18.00000	-5.00000	0.00000	-5.1107	-0.50000	0.0	0.0	0.0
	-17.00000	-5.00000	0.00000	-5.4472	-0.50000	0.0	0.0	0.0
	-16.00000	-5.00000	0.00000	-5.8071	-0.50000	0.0	0.0	0.0
	-15.00000	-5.00000	0.00000	-6.1921	-0.50000	0.0	0.0	0.0
	-14.00000	-5.00000	0.00000	-6.6040	-0.50000	0.0	0.0	0.0
	-13.00000	-5.00000	0.00000	-7.0452	-0.50000	0.0	0.0	0.0
	-12.00000	-5.00000	0.00000	-7.5179	-0.50000	0.0	0.0	0.0
	-11.00000	-5.00000	0.00000	-8.0245	-0.50000	0.0	0.0	0.0
	-10.00000	-5.00000	0.00000	-8.5679	-0.50000	0.0	0.0	0.0
	-9.00000	-5.00000	0.00000	-9.1510	-0.50000	0.0	0.0	0.0
	-8.00000	-5.00000	0.00000	-9.7770	-0.50000	0.0	0.0	0.0
	-7.00000	-5.00000	0.00000	-10.449	-0.50000	0.0	0.0	0.0
	-6.00000	-5.00000	0.00000	-11.171	-0.50000	0.0	0.0	0.0
	-5.00000	-5.00000	0.00000	-11.945	-0.50000	0.0	0.0	0.0
	-4.00000	-5.00000	0.00000	-12.776	-0.50000	0.0	0.0	0.0
	-3.00000	-5.00000	0.00000	-13.664	-0.50000	0.0	0.0	0.0
	-2.00000	-5.00000	0.00000	-14.610	-0.50000	0.0	0.0	0.0
	-1.00000	-5.00000	0.00000	-15.612	-0.50000	0.0	0.0	0.0
	0.00000	-5.00000	0.00000	-16.662	-0.50000	0.0	0.0	0.0
	1.00000	-5.00000	0.00000	-17.747	-0.50000	0.0	0.0	0.0
	2.00000	-5.00000	0.00000	-18.847	-0.50000	0.0	0.0	0.0
	3.00000	-5.00000	0.00000	-19.938	-0.50000	0.0	0.0	0.0
	4.00000	-5.00000	0.00000	-20.997	-0.50000	0.0	0.0	0.0
	5.00000	-5.00000	0.00000	-22.003	-0.50000	0.0	0.0	0.0
	6.00000	-5.00000	0.00000	-22.943	-0.50000	0.0	0.0	0.0
	7.00000	-5.00000	0.00000	-23.811	-0.50000	0.0	0.0	0.0
	8.00000	-5.00000	0.00000	-24.602	-0.50000	0.0	0.0	0.0
	9.00000	-5.00000	0.00000	-25.317	-0.50000	0.0	0.0	0.0
	10.00000	-5.00000	0.00000	-25.958	-0.50000	0.0	0.0	0.0
	11.00000	-5.00000	0.00000	-26.527	-0.50000	0.0	0.0	0.0
	12.00000	-5.00000	0.00000	-27.027	-0.50000	0.0	0.0	0.0
	13.00000	-5.00000	0.00000	-27.460	-0.50000	0.0	0.0	0.0
	14.00000	-5.00000	0.00000	-27.830	-0.50000	0.0	0.0	0.0
	15.00000	-5.00000	0.00000	-28.138	-0.50000	0.0	0.0	0.0
	16.00000	-5.00000	0.00000	-28.387	-0.50000	0.0	0.0	0.0
	17.00000	-5.00000	0.00000	-28.578	-0.50000	0.0	0.0	0.0
	18.00000	-5.00000	0.00000	-28.712	-0.50000	0.0	0.0	0.0
	19.00000	-5.00000	0.00000	-28.791	-0.50000	0.0	0.0	0.0
	20.00000	-5.00000	0.00000	-28.815	-0.50000	0.0	0.0	0.0
	21.00000	-5.00000	0.00000	-28.784	-0.50000	0.0	0.0	0.0
	22.00000	-5.00000	0.00000	-28.697	-0.50000	0.0	0.0	0.0
	23.00000	-5.00000	0.00000	-28.555	-0.50000	0.0	0.0	0.0
	24.00000	-5.00000	0.00000	-28.357	-0.50000	0.0	0.0	0.0
	25.00000	-5.00000	0.00000	-28.100	-0.50000	0.0	0.0	0.0
	26.00000	-5.00000	0.00000	-27.785	-0.50000	0.0	0.0	0.0
	27.00000	-5.00000	0.00000	-27.408	-0.50000	0.0	0.0	0.0
	28.00000	-5.00000	0.00000	-26.967	-0.50000	0.0	0.0	0.0
	29.00000	-5.00000	0.00000	-26.460	-0.50000	0.0	0.0	0.0
	30.00000	-5.00000	0.00000	-25.884	-0.50000	0.0	0.0	0.0
	31.00000	-5.00000	0.00000	-25.236	-0.50000	0.0	0.0	0.0
	32.00000	-5.00000	0.00000	-24.514	-0.50000	0.0	0.0	0.0
	33.00000	-5.00000	0.00000	-23.717	-0.50000	0.0	0.0	0.0
	34.00000	-5.00000	0.00000	-22.844	-0.50000	0.0	0.0	0.0
	35.00000	-5.00000	0.00000	-21.898	-0.50000	0.0	0.0	0.0
	36.00000	-5.00000	0.00000	-20.887	-0.50000	0.0	0.0	0.0
	37.00000	-5.00000	0.00000	-19.824	-0.50000	0.0	0.0	0.0
	38.00000	-5.00000	0.00000	-18.729	-0.50000	0.0	0.0	0.0
	39.00000	-5.00000	0.00000	-17.626	-0.50000	0.0	0.0	0.0
	40.00000	-5.00000	0.00000	-16.540	-0.50000	0.0	0.0	0.0
	41.00000	-5.00000	0.00000	-15.488	-0.50000	0.0	0.0	0.0
	42.00000	-5.00000	0.00000	-14.486	-0.50000	0.0	0.0	0.0
	43.00000	-5.00000	0.00000	-13.539	-0.50000	0.0	0.0	0.0
	44.00000	-5.00000	0.00000	-12.652	-0.50000	0.0	0.0	0.0
	45.00000	-5.00000	0.00000	-11.823	-0.50000	0.0	0.0	0.0
	46.00000	-5.00000	0.00000	-11.050	-0.50000	0.0	0.0	0.0
	47.00000	-5.00000	0.00000	-10.331	-0.50000	0.0	0.0	0.0
	48.00000	-5.00000	0.00000	-9.6613	-0.50000	0.0	0.0	0.0
	49.00000	-5.00000	0.00000	-9.0385	-0.50000	0.0	0.0	0.0
	50.00000	-5.00000	0.00000	-8.4589	-0.50000	0.0	0.0	0.0
	51.00000	-5.00000	0.00000	-7.9192	-0.50000	0.0	0.0	0.0
	52.00000	-5.00000	0.00000	-7.4164	-0.50000	0.0	0.0	0.0
	53.00000	-5.00000	0.00000	-6.9478	-0.50000	0.0	0.0	0.0
	54.00000	-5.00000	0.00000	-6.5107	-0.50000	0.0	0.0	0.0
	55.00000	-5.00000	0.00000	-6.1029	-0.50000	0.0	0.0	0.0
	56.00000	-5.00000	0.00000	-5.7221	-0.50000	0.0	0.0	0.0
	57.00000	-5.00000	0.00000	-5.3663	-0.50000	0.0	0.0	0.0
	58.00000	-5.00000	0.00000	-5.0338	-0.50000	0.0	0.0	0.0
	59.00000	-5.00000	0.00000	-4.7228	-0.50000	0.0	0.0	0.0
	60.00000	-5.00000	0.00000	-4.4319	-0.50000	0.0	0.0	0.0
	-20.00000	-4.00000	0.00000	-4.6514	-0.50000	0.0	0.0	0.0
	-19.00000	-4.00000	0.00000	-4.9607	-0.50000	0.0	0.0	0.0
	-18.00000	-4.00000	0.00000	-5.2918	-0.50000	0.0	0.0	0.0
	-17.00000	-4.00000	0.00000	-5.6464	-0.50000	0.0	0.0	0.0
	-16.00000	-4.00000	0.00000	-6.0263	-0.50000	0.0	0.0	0.0
	-15.00000	-4.00000	0.00000	-6.4337	-0.50000	0.0	0.0	0.0
	-14.00000	-4.00000	0.00000	-6.8708	-0.50000	0.0	0.0	0.0
	-13.00000	-4.00000	0.00000	-7.3403	-0.50000	0.0	0.0	0.0
	-12.00000	-4.00000	0.00000	-7.8448	-0.50000	0.0	0.0	0.0
	-11.00000	-4.00000	0.00000	-8.3876	-0.50000	0.0	0.0	0.0
	-10.00000	-4.00000	0.00000	-8.9721	-0.50000	0.0	0.0	0.0
	-9.00000	-4.00000	0.00000	-9.6022	-0.50000	0.0	0.0	0.0
	-8.00000	-4.00000	0.00000	-10.282	-0.50000	0.0	0.0	0.0
	-7.00000	-4.00000	0.00000	-11.017	-0.50000	0.0	0.0	0.0
	-6.00000	-4.00000	0.00000	-11.811	-0.50000	0.0	0.0	0.0
	-5.00000	-4.00000	0.00000	-12.670	-0.50000	0.0	0.0	0.0
	-4.00000	-4.00000	0.00000	-13.600	-0.50000	0.0	0.0	0.0
	-3.00000	-4.00000	0.00000	-14.605	-0.50000	0.0	0.0	0.0
	-2.00000	-4.00000	0.00000	-15.691	-0.50000	0.0	0.0	0.0
	-1.00000	-4.00000	0.00000	-16.856	-0.50000	0.0	0.0	0.0
	0.00000	-4.00000	0.00000	-18.096	-0.50000	0.0	0.0	0.0
	1.00000	-4.00000	0.00000	-19.394	-0.50000	0.0	0.0	0.0
	2.00000	-4.00000	0.00000	-20.722	-0.50000	0.0	0.0	0.0
	3.00000	-4.00000	0.00000	-22.040	-0.50000	0.0	0.0	0.0
	4.00000	-4.00000	0.00000	-23.311	-0.50000	0.0	0.0	0.0
	5.00000	-4.00000	0.00000	-24.505	-0.50000	0.0	0.0	0.0
	6.00000	-4.00000	0.00000	-25.606	-0.50000	0.0	0.0	0.0
	7.00000	-4.00000	0.00000	-26.608	-0.50000	0.0	0.0	0.0
	8.00000	-4.00000	0.00000	-27.512	-0.50000	0.0	0.0	0.0
	9.00000	-4.00000	0.00000	-28.321	-0.50000	0.0	0.0	0.0
	10.00000	-4.00000	0.00000	-29.039	-0.50000	0.0	0.0	0.0
	11.00000	-4.00000	0.00000	-29.673	-0.50000	0.0	0.0	0.0
	12.00000	-4.00000	0.00000	-30.226	-0.50000	0.0	0.0	0.0
	13.00000	-4.00000	0.00000	-30.703	-0.50000	0.0	0.0	0.0
	14.00000	-4.00000	0.00000	-31.109	-0.50000	0.0	0.0	0.0
	15.00000	-4.00000	0.00000	-31.447	-0.50000	0.0	0.0	0.0
	16.00000	-4.00000	0.00000	-31.718	-0.50000	0.0	0.0	0.0
	17.00000	-4.00000	0.00000	-31.926	-0.50000	0.0	0.0	0.0
	18.00000	-4.00000	0.00000	-32.073	-0.50000	0.0	0.0	0.0
	19.00000	-4.00000	0.00000	-32.158	-0.50000	0.0	0.0	0.0
	20.00000	-4.00000	0.00000	-32.184	-0.50000	0.0	0.0	0.0
	21.00000	-4.00000	0.00000	-32.150	-0.50000	0.0	0.0	0.0
	22.00000	-4.00000	0.00000	-32.056	-0.50000	0.0	0.0	0.0
	23.00000	-4.00000	0.00000	-31.902	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	24.00000	-4.00000	0.00000	-31.685	-0.50000	0.0	0.0	0.0
	25.00000	-4.00000	0.00000	-31.406	-0.50000	0.0	0.0	0.0
	26.00000	-4.00000	0.00000	-31.060	-0.50000	0.0	0.0	0.0
	27.00000	-4.00000	0.00000	-30.646	-0.50000	0.0	0.0	0.0
	28.00000	-4.00000	0.00000	-30.160	-0.50000	0.0	0.0	0.0
	29.00000	-4.00000	0.00000	-29.599	-0.50000	0.0	0.0	0.0
	30.00000	-4.00000	0.00000	-28.957	-0.50000	0.0	0.0	0.0
	31.00000	-4.00000	0.00000	-28.231	-0.50000	0.0	0.0	0.0
	32.00000	-4.00000	0.00000	-27.415	-0.50000	0.0	0.0	0.0
	33.00000	-4.00000	0.00000	-26.504	-0.50000	0.0	0.0	0.0
	34.00000	-4.00000	0.00000	-25.495	-0.50000	0.0	0.0	0.0
	35.00000	-4.00000	0.00000	-24.388	-0.50000	0.0	0.0	0.0
	36.00000	-4.00000	0.00000	-23.189	-0.50000	0.0	0.0	0.0
	37.00000	-4.00000	0.00000	-21.913	-0.50000	0.0	0.0	0.0
	38.00000	-4.00000	0.00000	-20.591	-0.50000	0.0	0.0	0.0
	39.00000	-4.00000	0.00000	-19.260	-0.50000	0.0	0.0	0.0
	40.00000	-4.00000	0.00000	-17.960	-0.50000	0.0	0.0	0.0
	41.00000	-4.00000	0.00000	-16.718	-0.50000	0.0	0.0	0.0
	42.00000	-4.00000	0.00000	-15.552	-0.50000	0.0	0.0	0.0
	43.00000	-4.00000	0.00000	-14.467	-0.50000	0.0	0.0	0.0
	44.00000	-4.00000	0.00000	-13.462	-0.50000	0.0	0.0	0.0
	45.00000	-4.00000	0.00000	-12.534	-0.50000	0.0	0.0	0.0
	46.00000	-4.00000	0.00000	-11.677	-0.50000	0.0	0.0	0.0
	47.00000	-4.00000	0.00000	-10.886	-0.50000	0.0	0.0	0.0
	48.00000	-4.00000	0.00000	-10.155	-0.50000	0.0	0.0	0.0
	49.00000	-4.00000	0.00000	-9.4789	-0.50000	0.0	0.0	0.0
	50.00000	-4.00000	0.00000	-8.8530	-0.50000	0.0	0.0	0.0
	51.00000	-4.00000	0.00000	-8.2728	-0.50000	0.0	0.0	0.0
	52.00000	-4.00000	0.00000	-7.7345	-0.50000	0.0	0.0	0.0
	53.00000	-4.00000	0.00000	-7.2346	-0.50000	0.0	0.0	0.0
	54.00000	-4.00000	0.00000	-6.7698	-0.50000	0.0	0.0	0.0
	55.00000	-4.00000	0.00000	-6.3374	-0.50000	0.0	0.0	0.0
	56.00000	-4.00000	0.00000	-5.9348	-0.50000	0.0	0.0	0.0
	57.00000	-4.00000	0.00000	-5.5595	-0.50000	0.0	0.0	0.0
	58.00000	-4.00000	0.00000	-5.2095	-0.50000	0.0	0.0	0.0
	59.00000	-4.00000	0.00000	-4.8828	-0.50000	0.0	0.0	0.0
	60.00000	-4.00000	0.00000	-4.5778	-0.50000	0.0	0.0	0.0
	-20.00000	-3.00000	0.00000	-4.8008	-0.50000	0.0	0.0	0.0
	-19.00000	-3.00000	0.00000	-5.1248	-0.50000	0.0	0.0	0.0
	-18.00000	-3.00000	0.00000	-5.4722	-0.50000	0.0	0.0	0.0
	-17.00000	-3.00000	0.00000	-5.8450	-0.50000	0.0	0.0	0.0
	-16.00000	-3.00000	0.00000	-6.2453	-0.50000	0.0	0.0	0.0
	-15.00000	-3.00000	0.00000	-6.6756	-0.50000	0.0	0.0	0.0
	-14.00000	-3.00000	0.00000	-7.1384	-0.50000	0.0	0.0	0.0
	-13.00000	-3.00000	0.00000	-7.6369	-0.50000	0.0	0.0	0.0
	-12.00000	-3.00000	0.00000	-8.1744	-0.50000	0.0	0.0	0.0
	-11.00000	-3.00000	0.00000	-8.7546	-0.50000	0.0	0.0	0.0
	-10.00000	-3.00000	0.00000	-9.3818	-0.50000	0.0	0.0	0.0
	-9.00000	-3.00000	0.00000	-10.061	-0.50000	0.0	0.0	0.0
	-8.00000	-3.00000	0.00000	-10.798	-0.50000	0.0	0.0	0.0
	-7.00000	-3.00000	0.00000	-11.598	-0.50000	0.0	0.0	0.0
	-6.00000	-3.00000	0.00000	-12.470	-0.50000	0.0	0.0	0.0
	-5.00000	-3.00000	0.00000	-13.422	-0.50000	0.0	0.0	0.0
	-4.00000	-3.00000	0.00000	-14.462	-0.50000	0.0	0.0	0.0
	-3.00000	-3.00000	0.00000	-15.602	-0.50000	0.0	0.0	0.0
	-2.00000	-3.00000	0.00000	-16.851	-0.50000	0.0	0.0	0.0
	-1.00000	-3.00000	0.00000	-18.218	-0.50000	0.0	0.0	0.0
	0.00000	-3.00000	0.00000	-19.703	-0.50000	0.0	0.0	0.0
	1.00000	-3.00000	0.00000	-21.292	-0.50000	0.0	0.0	0.0
	2.00000	-3.00000	0.00000	-22.941	-0.50000	0.0	0.0	0.0
	3.00000	-3.00000	0.00000	-24.580	-0.50000	0.0	0.0	0.0
	4.00000	-3.00000	0.00000	-26.140	-0.50000	0.0	0.0	0.0
	5.00000	-3.00000	0.00000	-27.577	-0.50000	0.0	0.0	0.0
	6.00000	-3.00000	0.00000	-28.876	-0.50000	0.0	0.0	0.0
	7.00000	-3.00000	0.00000	-30.038	-0.50000	0.0	0.0	0.0
	8.00000	-3.00000	0.00000	-31.070	-0.50000	0.0	0.0	0.0
	9.00000	-3.00000	0.00000	-31.983	-0.50000	0.0	0.0	0.0
	10.00000	-3.00000	0.00000	-32.787	-0.50000	0.0	0.0	0.0
	11.00000	-3.00000	0.00000	-33.490	-0.50000	0.0	0.0	0.0
	12.00000	-3.00000	0.00000	-34.101	-0.50000	0.0	0.0	0.0
	13.00000	-3.00000	0.00000	-34.625	-0.50000	0.0	0.0	0.0
	14.00000	-3.00000	0.00000	-35.069	-0.50000	0.0	0.0	0.0
	15.00000	-3.00000	0.00000	-35.437	-0.50000	0.0	0.0	0.0
	16.00000	-3.00000	0.00000	-35.732	-0.50000	0.0	0.0	0.0
	17.00000	-3.00000	0.00000	-35.958	-0.50000	0.0	0.0	0.0
	18.00000	-3.00000	0.00000	-36.117	-0.50000	0.0	0.0	0.0
	19.00000	-3.00000	0.00000	-36.209	-0.50000	0.0	0.0	0.0
	20.00000	-3.00000	0.00000	-36.237	-0.50000	0.0	0.0	0.0
	21.00000	-3.00000	0.00000	-36.200	-0.50000	0.0	0.0	0.0
	22.00000	-3.00000	0.00000	-36.099	-0.50000	0.0	0.0	0.0
	23.00000	-3.00000	0.00000	-35.931	-0.50000	0.0	0.0	0.0
	24.00000	-3.00000	0.00000	-35.696	-0.50000	0.0	0.0	0.0
	25.00000	-3.00000	0.00000	-35.392	-0.50000	0.0	0.0	0.0
	26.00000	-3.00000	0.00000	-35.015	-0.50000	0.0	0.0	0.0
	27.00000	-3.00000	0.00000	-34.562	-0.50000	0.0	0.0	0.0
	28.00000	-3.00000	0.00000	-34.029	-0.50000	0.0	0.0	0.0
	29.00000	-3.00000	0.00000	-33.409	-0.50000	0.0	0.0	0.0
	30.00000	-3.00000	0.00000	-32.697	-0.50000	0.0	0.0	0.0
	31.00000	-3.00000	0.00000	-31.884	-0.50000	0.0	0.0	0.0
	32.00000	-3.00000	0.00000	-30.963	-0.50000	0.0	0.0	0.0
	33.00000	-3.00000	0.00000	-29.922	-0.50000	0.0	0.0	0.0
	34.00000	-3.00000	0.00000	-28.753	-0.50000	0.0	0.0	0.0
	35.00000	-3.00000	0.00000	-27.447	-0.50000	0.0	0.0	0.0
	36.00000	-3.00000	0.00000	-26.004	-0.50000	0.0	0.0	0.0
	37.00000	-3.00000	0.00000	-24.439	-0.50000	0.0	0.0	0.0
	38.00000	-3.00000	0.00000	-22.795	-0.50000	0.0	0.0	0.0
	39.00000	-3.00000	0.00000	-21.142	-0.50000	0.0	0.0	0.0
	40.00000	-3.00000	0.00000	-19.551	-0.50000	0.0	0.0	0.0
	41.00000	-3.00000	0.00000	-18.064	-0.50000	0.0	0.0	0.0
	42.00000	-3.00000	0.00000	-16.697	-0.50000	0.0	0.0	0.0
	43.00000	-3.00000	0.00000	-15.448	-0.50000	0.0	0.0	0.0
	44.00000	-3.00000	0.00000	-14.310	-0.50000	0.0	0.0	0.0
	45.00000	-3.00000	0.00000	-13.272	-0.50000	0.0	0.0	0.0
	46.00000	-3.00000	0.00000	-12.323	-0.50000	0.0	0.0	0.0
	47.00000	-3.00000	0.00000	-11.455	-0.50000	0.0	0.0	0.0
	48.00000	-3.00000	0.00000	-10.658	-0.50000	0.0	0.0	0.0
	49.00000	-3.00000	0.00000	-9.9258	-0.50000	0.0	0.0	0.0
	50.00000	-3.00000	0.00000	-9.2514	-0.50000	0.0	0.0	0.0
	51.00000	-3.00000	0.00000	-8.6292	-0.50000	0.0	0.0	0.0
	52.00000	-3.00000	0.00000	-8.0543	-0.50000	0.0	0.0	0.0
	53.00000	-3.00000	0.00000	-7.5222	-0.50000	0.0	0.0	0.0
	54.00000	-3.00000	0.00000	-7.0292	-0.50000	0.0	0.0	0.0
	55.00000	-3.00000	0.00000	-6.5717	-0.50000	0.0	0.0	0.0
	56.00000	-3.00000	0.00000	-6.1468	-0.50000	0.0	0.0	0.0
	57.00000	-3.00000	0.00000	-5.7517	-0.50000	0.0	0.0	0.0
	58.00000	-3.00000	0.00000	-5.3841	-0.50000	0.0	0.0	0.0
	59.00000	-3.00000	0.00000	-5.0416	-0.50000	0.0	0.0	0.0
	60.00000	-3.00000	0.00000	-4.7224	-0.50000	0.0	0.0	0.0
	-20.00000	-2.00000	0.00000	-4.9485	-0.50000	0.0	0.0	0.0
	-19.00000	-2.00000	0.00000	-5.2872	-0.50000	0.0	0.0	0.0
	-18.00000	-2.00000	0.00000	-5.6510	-0.50000	0.0	0.0	0.0
	-17.00000	-2.00000	0.00000	-6.0422	-0.50000	0.0	0.0	0.0
	-16.00000	-2.00000	0.00000	-6.4631	-0.50000	0.0	0.0	0.0
	-15.00000	-2.00000	0.00000	-6.9165	-0.50000	0.0	0.0	0.0
	-14.00000	-2.00000	0.00000	-7.4055	-0.50000	0.0	0.0	0.0
	-13.00000	-2.00000	0.00000	-7.9335	-0.50000	0.0	0.0	0.0
	-12.00000	-2.00000	0.00000	-8.5046	-0.50000	0.0	0.0	0.0
	-11.00000	-2.00000	0.00000	-9.1231	-0.50000	0.0	0.0	0.0
	-10.00000	-2.00000	0.00000	-9.7945	-0.50000	0.0	0.0	0.0
	-9.00000	-2.00000	0.00000	-10.525	-0.50000	0.0	0.0	0.0
	-8.00000	-2.00000	0.00000	-11.321	-0.50000	0.0	0.0	0.0
	-7.00000	-2.00000	0.00000	-12.191	-0.50000	0.0	0.0	0.0
	-6.00000	-2.00000	0.00000	-13.145	-0.50000	0.0	0.0	0.0
	-5.00000	-2.00000	0.00000	-14.196	-0.50000	0.0	0.0	0.0
	-4.00000	-2.00000	0.00000	-15.357	-0.50000	0.0	0.0	0.0
	-3.00000	-2.00000	0.00000	-16.647	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	3.00000	-2.00000	0.00000	-27.793	-0.50000	0.0	0.0	0.0
	4.00000	-2.00000	0.00000	-29.768	-0.50000	0.0	0.0	0.0
	5.00000	-2.00000	0.00000	-31.525	-0.50000	0.0	0.0	0.0
	6.00000	-2.00000	0.00000	-33.066	-0.50000	0.0	0.0	0.0
	7.00000	-2.00000	0.00000	-34.413	-0.50000	0.0	0.0	0.0
	8.00000	-2.00000	0.00000	-35.590	-0.50000	0.0	0.0	0.0
	9.00000	-2.00000	0.00000	-36.617	-0.50000	0.0	0.0	0.0
	10.00000	-2.00000	0.00000	-37.513	-0.50000	0.0	0.0	0.0
	11.00000	-2.00000	0.00000	-38.291	-0.50000	0.0	0.0	0.0
	12.00000	-2.00000	0.00000	-38.961	-0.50000	0.0	0.0	0.0
	13.00000	-2.00000	0.00000	-39.535	-0.50000	0.0	0.0	0.0
	14.00000	-2.00000	0.00000	-40.018	-0.50000	0.0	0.0	0.0
	15.00000	-2.00000	0.00000	-40.417	-0.50000	0.0	0.0	0.0
	16.00000	-2.00000	0.00000	-40.737	-0.50000	0.0	0.0	0.0
	17.00000	-2.00000	0.00000	-40.981	-0.50000	0.0	0.0	0.0
	18.00000	-2.00000	0.00000	-41.152	-0.50000	0.0	0.0	0.0
	19.00000	-2.00000	0.00000	-41.252	-0.50000	0.0	0.0	0.0
	20.00000	-2.00000	0.00000	-41.282	-0.50000	0.0	0.0	0.0
	21.00000	-2.00000	0.00000	-41.242	-0.50000	0.0	0.0	0.0
	22.00000	-2.00000	0.00000	-41.132	-0.50000	0.0	0.0	0.0
	23.00000	-2.00000	0.00000	-40.952	-0.50000	0.0	0.0	0.0
	24.00000	-2.00000	0.00000	-40.698	-0.50000	0.0	0.0	0.0
	25.00000	-2.00000	0.00000	-40.368	-0.50000	0.0	0.0	0.0
	26.00000	-2.00000	0.00000	-39.959	-0.50000	0.0	0.0	0.0
	27.00000	-2.00000	0.00000	-39.465	-0.50000	0.0	0.0	0.0
	28.00000	-2.00000	0.00000	-38.882	-0.50000	0.0	0.0	0.0
	29.00000	-2.00000	0.00000	-38.201	-0.50000	0.0	0.0	0.0
	30.00000	-2.00000	0.00000	-37.413	-0.50000	0.0	0.0	0.0
	31.00000	-2.00000	0.00000	-36.508	-0.50000	0.0	0.0	0.0
	32.00000	-2.00000	0.00000	-35.470	-0.50000	0.0	0.0	0.0
	33.00000	-2.00000	0.00000	-34.284	-0.50000	0.0	0.0	0.0
	34.00000	-2.00000	0.00000	-32.928	-0.50000	0.0	0.0	0.0
	35.00000	-2.00000	0.00000	-31.380	-0.50000	0.0	0.0	0.0
	36.00000	-2.00000	0.00000	-29.616	-0.50000	0.0	0.0	0.0
	37.00000	-2.00000	0.00000	-27.635	-0.50000	0.0	0.0	0.0
	38.00000	-2.00000	0.00000	-25.494	-0.50000	0.0	0.0	0.0
	39.00000	-2.00000	0.00000	-23.344	-0.50000	0.0	0.0	0.0
	40.00000	-2.00000	0.00000	-21.335	-0.50000	0.0	0.0	0.0
	41.00000	-2.00000	0.00000	-19.527	-0.50000	0.0	0.0	0.0
	42.00000	-2.00000	0.00000	-17.914	-0.50000	0.0	0.0	0.0
	43.00000	-2.00000	0.00000	-16.476	-0.50000	0.0	0.0	0.0
	44.00000	-2.00000	0.00000	-15.188	-0.50000	0.0	0.0	0.0
	45.00000	-2.00000	0.00000	-14.029	-0.50000	0.0	0.0	0.0
	46.00000	-2.00000	0.00000	-12.982	-0.50000	0.0	0.0	0.0
	47.00000	-2.00000	0.00000	-12.032	-0.50000	0.0	0.0	0.0
	48.00000	-2.00000	0.00000	-11.167	-0.50000	0.0	0.0	0.0
	49.00000	-2.00000	0.00000	-10.376	-0.50000	0.0	0.0	0.0
	50.00000	-2.00000	0.00000	-9.6516	-0.50000	0.0	0.0	0.0
	51.00000	-2.00000	0.00000	-8.9863	-0.50000	0.0	0.0	0.0
	52.00000	-2.00000	0.00000	-8.3739	-0.50000	0.0	0.0	0.0
	53.00000	-2.00000	0.00000	-7.8091	-0.50000	0.0	0.0	0.0
	54.00000	-2.00000	0.00000	-7.2873	-0.50000	0.0	0.0	0.0
	55.00000	-2.00000	0.00000	-6.8045	-0.50000	0.0	0.0	0.0
	56.00000	-2.00000	0.00000	-6.3571	-0.50000	0.0	0.0	0.0
	57.00000	-2.00000	0.00000	-5.9421	-0.50000	0.0	0.0	0.0
	58.00000	-2.00000	0.00000	-5.5567	-0.50000	0.0	0.0	0.0
	59.00000	-2.00000	0.00000	-5.1984	-0.50000	0.0	0.0	0.0
	60.00000	-2.00000	0.00000	-4.8650	-0.50000	0.0	0.0	0.0
	-20.00000	-1.00000	0.00000	-5.0937	-0.50000	0.0	0.0	0.0
	-19.00000	-1.00000	0.00000	-5.4471	-0.50000	0.0	0.0	0.0
	-18.00000	-1.00000	0.00000	-5.8274	-0.50000	0.0	0.0	0.0
	-17.00000	-1.00000	0.00000	-6.2369	-0.50000	0.0	0.0	0.0
	-16.00000	-1.00000	0.00000	-6.6785	-0.50000	0.0	0.0	0.0
	-15.00000	-1.00000	0.00000	-7.1552	-0.50000	0.0	0.0	0.0
	-14.00000	-1.00000	0.00000	-7.6705	-0.50000	0.0	0.0	0.0
	-13.00000	-1.00000	0.00000	-8.2284	-0.50000	0.0	0.0	0.0
	-12.00000	-1.00000	0.00000	-8.8335	-0.50000	0.0	0.0	0.0
	-11.00000	-1.00000	0.00000	-9.4910	-0.50000	0.0	0.0	0.0
	-10.00000	-1.00000	0.00000	-10.207	-0.50000	0.0	0.0	0.0
	-9.00000	-1.00000	0.00000	-10.989	-0.50000	0.0	0.0	0.0
	-8.00000	-1.00000	0.00000	-11.846	-0.50000	0.0	0.0	0.0
	-7.00000	-1.00000	0.00000	-12.788	-0.50000	0.0	0.0	0.0
	-6.00000	-1.00000	0.00000	-13.829	-0.50000	0.0	0.0	0.0
	-5.00000	-1.00000	0.00000	-14.984	-0.50000	0.0	0.0	0.0
	-4.00000	-1.00000	0.00000	-16.274	-0.50000	0.0	0.0	0.0
	-3.00000	-1.00000	0.00000	-17.727	-0.50000	0.0	0.0	0.0
	-2.00000	-1.00000	0.00000	-19.380	-0.50000	0.0	0.0	0.0
	-1.00000	-1.00000	0.00000	-21.283	-0.50000	0.0	0.0	0.0
	0.00000	-1.00000	0.00000	-23.507	-0.50000	0.0	0.0	0.0
	1.00000	-1.00000	0.00000	-26.143	-0.50000	0.0	0.0	0.0
	2.00000	-1.00000	0.00000	-29.198	-0.50000	0.0	0.0	0.0
	3.00000	-1.00000	0.00000	-32.242	-0.50000	0.0	0.0	0.0
	4.00000	-1.00000	0.00000	-34.846	-0.50000	0.0	0.0	0.0
	5.00000	-1.00000	0.00000	-37.017	-0.50000	0.0	0.0	0.0
	6.00000	-1.00000	0.00000	-38.844	-0.50000	0.0	0.0	0.0
	7.00000	-1.00000	0.00000	-40.400	-0.50000	0.0	0.0	0.0
	8.00000	-1.00000	0.00000	-41.735	-0.50000	0.0	0.0	0.0
	9.00000	-1.00000	0.00000	-42.885	-0.50000	0.0	0.0	0.0
	10.00000	-1.00000	0.00000	-43.877	-0.50000	0.0	0.0	0.0
	11.00000	-1.00000	0.00000	-44.731	-0.50000	0.0	0.0	0.0
	12.00000	-1.00000	0.00000	-45.464	-0.50000	0.0	0.0	0.0
	13.00000	-1.00000	0.00000	-46.088	-0.50000	0.0	0.0	0.0
	14.00000	-1.00000	0.00000	-46.611	-0.50000	0.0	0.0	0.0
	15.00000	-1.00000	0.00000	-47.043	-0.50000	0.0	0.0	0.0
	16.00000	-1.00000	0.00000	-47.387	-0.50000	0.0	0.0	0.0
	17.00000	-1.00000	0.00000	-47.650	-0.50000	0.0	0.0	0.0
	18.00000	-1.00000	0.00000	-47.834	-0.50000	0.0	0.0	0.0
	19.00000	-1.00000	0.00000	-47.941	-0.50000	0.0	0.0	0.0
	20.00000	-1.00000	0.00000	-47.973	-0.50000	0.0	0.0	0.0
	21.00000	-1.00000	0.00000	-47.930	-0.50000	0.0	0.0	0.0
	22.00000	-1.00000	0.00000	-47.812	-0.50000	0.0	0.0	0.0
	23.00000	-1.00000	0.00000	-47.618	-0.50000	0.0	0.0	0.0
	24.00000	-1.00000	0.00000	-47.345	-0.50000	0.0	0.0	0.0
	25.00000	-1.00000	0.00000	-46.989	-0.50000	0.0	0.0	0.0
	26.00000	-1.00000	0.00000	-46.547	-0.50000	0.0	0.0	0.0
	27.00000	-1.00000	0.00000	-46.012	-0.50000	0.0	0.0	0.0
	28.00000	-1.00000	0.00000	-45.377	-0.50000	0.0	0.0	0.0
	29.00000	-1.00000	0.00000	-44.632	-0.50000	0.0	0.0	0.0
	30.00000	-1.00000	0.00000	-43.766	-0.50000	0.0	0.0	0.0
	31.00000	-1.00000	0.00000	-42.763	-0.50000	0.0	0.0	0.0
	32.00000	-1.00000	0.00000	-41.602	-0.50000	0.0	0.0	0.0
	33.00000	-1.00000	0.00000	-40.256	-0.50000	0.0	0.0	0.0
	34.00000	-1.00000	0.00000	-38.691	-0.50000	0.0	0.0	0.0
	35.00000	-1.00000	0.00000	-36.854	-0.50000	0.0	0.0	0.0
	36.00000	-1.00000	0.00000	-34.675	-0.50000	0.0	0.0	0.0
	37.00000	-1.00000	0.00000	-32.064	-0.50000	0.0	0.0	0.0
	38.00000	-1.00000	0.00000	-29.014	-0.50000	0.0	0.0	0.0
	39.00000	-1.00000	0.00000	-25.955	-0.50000	0.0	0.0	0.0
	40.00000	-1.00000	0.00000	-23.316	-0.50000	0.0	0.0	0.0
	41.00000	-1.00000	0.00000	-21.090	-0.50000	0.0	0.0	0.0
	42.00000	-1.00000	0.00000	-19.187	-0.50000	0.0	0.0	0.0
	43.00000	-1.00000	0.00000	-17.536	-0.50000	0.0	0.0	0.0
	44.00000	-1.00000	0.00000	-16.085	-0.50000	0.0	0.0	0.0
	45.00000	-1.00000	0.00000	-14.798	-0.50000	0.0	0.0	0.0
	46.00000	-1.00000	0.00000	-13.648	-0.50000	0.0	0.0	0.0
	47.00000	-1.00000	0.00000	-12.613	-0.50000	0.0	0.0	0.0
	48.00000	-1.00000	0.00000	-11.676	-0.50000	0.0	0.0	0.0
	49.00000	-1.00000	0.00000	-10.826	-0.50000	0.0	0.0	0.0
	50.00000	-1.00000	0.00000	-10.051	-0.50000	0.0	0.0	0.0
	51.00000	-1.00000	0.00000	-9.3415	-0.50000	0.0	0.0	0.0
	52.00000	-1.00000	0.00000	-8.6911	-0.50000	0.0	0.0	0.0
	53.00000	-1.00000	0.00000	-8.0933	-0.50000	0.0	0.0	0.0
	54.00000	-1.00000	0.00000	-7.5426	-0.50000	0.0	0.0	0.0
	55.00000	-1.00000	0.00000	-7.0344	-0.50000	0.0	0.0	0.0
	56.00000	-1.00000	0.00000	-6.5646	-0.50000	0.0	0.0	0.0
	57.00000	-1.00000	0.00000	-6.1297	-0.50000	0.0	0.0	0.0
	58.00000	-1.00000	0.00000	-5.7266	-0.50000	0.0	0.0	0.0
	59.00000	-1.00000	0.00000	-5.3525	-0.50000	0.0	0.0	0.0
	60.00000	-1.00000	0.00000	-5.0050	-0.50000	0.0	0.0	0.0
	-20.00000	0.00000	0.00000	-5.2358	-0.50000	0.0	0.0	0.0
	-19.00000	0.00000	0.00000	-5.6038	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-18.00000	0.00000	0.00000	-6.0004	-0.50000	0.0	0.0	0.0
	-17.00000	0.00000	0.00000	-6.4282	-0.50000	0.0	0.0	0.0
	-16.00000	0.00000	0.00000	-6.8904	-0.50000	0.0	0.0	0.0
	-15.00000	0.00000	0.00000	-7.3903	-0.50000	0.0	0.0	0.0
	-14.00000	0.00000	0.00000	-7.9319	-0.50000	0.0	0.0	0.0
	-13.00000	0.00000	0.00000	-8.5197	-0.50000	0.0	0.0	0.0
	-12.00000	0.00000	0.00000	-9.1589	-0.50000	0.0	0.0	0.0
	-11.00000	0.00000	0.00000	-9.8556	-0.50000	0.0	0.0	0.0
	-10.00000	0.00000	0.00000	-10.617	-0.50000	0.0	0.0	0.0
	-9.00000	0.00000	0.00000	-11.452	-0.50000	0.0	0.0	0.0
	-8.00000	0.00000	0.00000	-12.370	-0.50000	0.0	0.0	0.0
	-7.00000	0.00000	0.00000	-13.385	-0.50000	0.0	0.0	0.0
	-6.00000	0.00000	0.00000	-14.514	-0.50000	0.0	0.0	0.0
	-5.00000	0.00000	0.00000	-15.776	-0.50000	0.0	0.0	0.0
	-4.00000	0.00000	0.00000	-17.200	-0.50000	0.0	0.0	0.0
	-3.00000	0.00000	0.00000	-18.824	-0.50000	0.0	0.0	0.0
	-2.00000	0.00000	0.00000	-20.704	-0.50000	0.0	0.0	0.0
	-1.00000	0.00000	0.00000	-22.929	-0.50000	0.0	0.0	0.0
	0.00000	0.00000	0.00000	-25.650	-0.50000	0.0	0.0	0.0
	1.00000	0.00000	0.00000	-29.195	-0.50000	0.0	0.0	0.0
	2.00000	0.00000	0.00000	-35.233	-0.50000	0.0	0.0	0.0
	3.00000	0.00000	0.00000	-41.261	-0.50000	0.0	0.0	0.0
	4.00000	0.00000	0.00000	-44.771	-0.50000	0.0	0.0	0.0
	5.00000	0.00000	0.00000	-47.436	-0.50000	0.0	0.0	0.0
	6.00000	0.00000	0.00000	-49.581	-0.50000	0.0	0.0	0.0
	7.00000	0.00000	0.00000	-51.359	-0.50000	0.0	0.0	0.0
	8.00000	0.00000	0.00000	-52.859	-0.50000	0.0	0.0	0.0
	9.00000	0.00000	0.00000	-54.135	-0.50000	0.0	0.0	0.0
	10.00000	0.00000	0.00000	-55.226	-0.50000	0.0	0.0	0.0
	11.00000	0.00000	0.00000	-56.159	-0.50000	0.0	0.0	0.0
	12.00000	0.00000	0.00000	-56.955	-0.50000	0.0	0.0	0.0
	13.00000	0.00000	0.00000	-57.629	-0.50000	0.0	0.0	0.0
	14.00000	0.00000	0.00000	-58.193	-0.50000	0.0	0.0	0.0
	15.00000	0.00000	0.00000	-58.656	-0.50000	0.0	0.0	0.0
	16.00000	0.00000	0.00000	-59.026	-0.50000	0.0	0.0	0.0
	17.00000	0.00000	0.00000	-59.307	-0.50000	0.0	0.0	0.0
	18.00000	0.00000	0.00000	-59.503	-0.50000	0.0	0.0	0.0
	19.00000	0.00000	0.00000	-59.618	-0.50000	0.0	0.0	0.0
	20.00000	0.00000	0.00000	-59.652	-0.50000	0.0	0.0	0.0
	21.00000	0.00000	0.00000	-59.607	-0.50000	0.0	0.0	0.0
	22.00000	0.00000	0.00000	-59.480	-0.50000	0.0	0.0	0.0
	23.00000	0.00000	0.00000	-59.272	-0.50000	0.0	0.0	0.0
	24.00000	0.00000	0.00000	-58.979	-0.50000	0.0	0.0	0.0
	25.00000	0.00000	0.00000	-58.598	-0.50000	0.0	0.0	0.0
	26.00000	0.00000	0.00000	-58.122	-0.50000	0.0	0.0	0.0
	27.00000	0.00000	0.00000	-57.545	-0.50000	0.0	0.0	0.0
	28.00000	0.00000	0.00000	-56.858	-0.50000	0.0	0.0	0.0
	29.00000	0.00000	0.00000	-56.049	-0.50000	0.0	0.0	0.0
	30.00000	0.00000	0.00000	-55.103	-0.50000	0.0	0.0	0.0
	31.00000	0.00000	0.00000	-53.999	-0.50000	0.0	0.0	0.0
	32.00000	0.00000	0.00000	-52.710	-0.50000	0.0	0.0	0.0
	33.00000	0.00000	0.00000	-51.199	-0.50000	0.0	0.0	0.0
	34.00000	0.00000	0.00000	-49.409	-0.50000	0.0	0.0	0.0
	35.00000	0.00000	0.00000	-47.253	-0.50000	0.0	0.0	0.0
	36.00000	0.00000	0.00000	-44.579	-0.50000	0.0	0.0	0.0
	37.00000	0.00000	0.00000	-41.060	-0.50000	0.0	0.0	0.0
	38.00000	0.00000	0.00000	-35.026	-0.50000	0.0	0.0	0.0
	39.00000	0.00000	0.00000	-28.983	-0.50000	0.0	0.0	0.0
	40.00000	0.00000	0.00000	-25.435	-0.50000	0.0	0.0	0.0
	41.00000	0.00000	0.00000	-22.712	-0.50000	0.0	0.0	0.0
	42.00000	0.00000	0.00000	-20.488	-0.50000	0.0	0.0	0.0
	43.00000	0.00000	0.00000	-18.609	-0.50000	0.0	0.0	0.0
	44.00000	0.00000	0.00000	-16.988	-0.50000	0.0	0.0	0.0
	45.00000	0.00000	0.00000	-15.569	-0.50000	0.0	0.0	0.0
	46.00000	0.00000	0.00000	-14.312	-0.50000	0.0	0.0	0.0
	47.00000	0.00000	0.00000	-13.190	-0.50000	0.0	0.0	0.0
	48.00000	0.00000	0.00000	-12.182	-0.50000	0.0	0.0	0.0
	49.00000	0.00000	0.00000	-11.272	-0.50000	0.0	0.0	0.0
	50.00000	0.00000	0.00000	-10.445	-0.50000	0.0	0.0	0.0
	51.00000	0.00000	0.00000	-9.6921	-0.50000	0.0	0.0	0.0
	52.00000	0.00000	0.00000	-9.0038	-0.50000	0.0	0.0	0.0
	53.00000	0.00000	0.00000	-8.3730	-0.50000	0.0	0.0	0.0
	54.00000	0.00000	0.00000	-7.7935	-0.50000	0.0	0.0	0.0
	55.00000	0.00000	0.00000	-7.2600	-0.50000	0.0	0.0	0.0
	56.00000	0.00000	0.00000	-6.7679	-0.50000	0.0	0.0	0.0
	57.00000	0.00000	0.00000	-6.3133	-0.50000	0.0	0.0	0.0
	58.00000	0.00000	0.00000	-5.8927	-0.50000	0.0	0.0	0.0
	59.00000	0.00000	0.00000	-5.5030	-0.50000	0.0	0.0	0.0
	60.00000	0.00000	0.00000	-5.1416	-0.50000	0.0	0.0	0.0
	-20.00000	1.00000	0.00000	-5.3740	-0.50000	0.0	0.0	0.0
	-19.00000	1.00000	0.00000	-5.7563	-0.50000	0.0	0.0	0.0
	-18.00000	1.00000	0.00000	-6.1690	-0.50000	0.0	0.0	0.0
	-17.00000	1.00000	0.00000	-6.6149	-0.50000	0.0	0.0	0.0
	-16.00000	1.00000	0.00000	-7.0975	-0.50000	0.0	0.0	0.0
	-15.00000	1.00000	0.00000	-7.6204	-0.50000	0.0	0.0	0.0
	-14.00000	1.00000	0.00000	-8.1881	-0.50000	0.0	0.0	0.0
	-13.00000	1.00000	0.00000	-8.8056	-0.50000	0.0	0.0	0.0
	-12.00000	1.00000	0.00000	-9.4787	-0.50000	0.0	0.0	0.0
	-11.00000	1.00000	0.00000	-10.214	-0.50000	0.0	0.0	0.0
	-10.00000	1.00000	0.00000	-11.021	-0.50000	0.0	0.0	0.0
	-9.00000	1.00000	0.00000	-11.908	-0.50000	0.0	0.0	0.0
	-8.00000	1.00000	0.00000	-12.888	-0.50000	0.0	0.0	0.0
	-7.00000	1.00000	0.00000	-13.976	-0.50000	0.0	0.0	0.0
	-6.00000	1.00000	0.00000	-15.191	-0.50000	0.0	0.0	0.0
	-5.00000	1.00000	0.00000	-16.560	-0.50000	0.0	0.0	0.0
	-4.00000	1.00000	0.00000	-18.117	-0.50000	0.0	0.0	0.0
	-3.00000	1.00000	0.00000	-19.912	-0.50000	0.0	0.0	0.0
	-2.00000	1.00000	0.00000	-22.020	-0.50000	0.0	0.0	0.0
	-1.00000	1.00000	0.00000	-24.566	-0.50000	0.0	0.0	0.0
	0.00000	1.00000	0.00000	-27.783	-0.50000	0.0	0.0	0.0
	1.00000	1.00000	0.00000	-32.236	-0.50000	0.0	0.0	0.0
	2.00000	1.00000	0.00000	-41.258	-0.50000	0.0	0.0	0.0
	3.00000	1.00000	0.00000	-50.268	-0.50000	0.0	0.0	0.0
	4.00000	1.00000	0.00000	-54.685	-0.50000	0.0	0.0	0.0
	5.00000	1.00000	0.00000	-57.842	-0.50000	0.0	0.0	0.0
	6.00000	1.00000	0.00000	-60.304	-0.50000	0.0	0.0	0.0
	7.00000	1.00000	0.00000	-62.304	-0.50000	0.0	0.0	0.0
	8.00000	1.00000	0.00000	-63.967	-0.50000	0.0	0.0	0.0
	9.00000	1.00000	0.00000	-65.368	-0.50000	0.0	0.0	0.0
	10.00000	1.00000	0.00000	-66.557	-0.50000	0.0	0.0	0.0
	11.00000	1.00000	0.00000	-67.568	-0.50000	0.0	0.0	0.0
	12.00000	1.00000	0.00000	-68.426	-0.50000	0.0	0.0	0.0
	13.00000	1.00000	0.00000	-69.151	-0.50000	0.0	0.0	0.0
	14.00000	1.00000	0.00000	-69.755	-0.50000	0.0	0.0	0.0
	15.00000	1.00000	0.00000	-70.250	-0.50000	0.0	0.0	0.0
	16.00000	1.00000	0.00000	-70.644	-0.50000	0.0	0.0	0.0
	17.00000	1.00000	0.00000	-70.943	-0.50000	0.0	0.0	0.0
	18.00000	1.00000	0.00000	-71.152	-0.50000	0.0	0.0	0.0
	19.00000	1.00000	0.00000	-71.274	-0.50000	0.0	0.0	0.0
	20.00000	1.00000	0.00000	-71.310	-0.50000	0.0	0.0	0.0
	21.00000	1.00000	0.00000	-71.262	-0.50000	0.0	0.0	0.0
	22.00000	1.00000	0.00000	-71.127	-0.50000	0.0	0.0	0.0
	23.00000	1.00000	0.00000	-70.906	-0.50000	0.0	0.0	0.0
	24.00000	1.00000	0.00000	-70.594	-0.50000	0.0	0.0	0.0
	25.00000	1.00000	0.00000	-70.186	-0.50000	0.0	0.0	0.0
	26.00000	1.00000	0.00000	-69.678	-0.50000	0.0	0.0	0.0
	27.00000	1.00000	0.00000	-69.059	-0.50000	0.0	0.0	0.0
	28.00000	1.00000	0.00000	-68.321	-0.50000	0.0	0.0	0.0
	29.00000	1.00000	0.00000	-67.448	-0.50000	0.0	0.0	0.0
	30.00000	1.00000	0.00000	-66.422	-0.50000	0.0	0.0	0.0
	31.00000	1.00000	0.00000	-65.218	-0.50000	0.0	0.0	0.0
	32.00000	1.00000	0.00000	-63.802	-0.50000	0.0	0.0	0.0
	33.00000	1.00000	0.00000	-62.124	-0.50000	0.0	0.0	0.0
	34.00000	1.00000	0.00000	-60.110	-0.50000	0.0	0.0	0.0
	35.00000	1.00000	0.00000	-57.636	-0.50000	0.0	0.0	0.0
	36.00000	1.00000	0.00000	-54.468	-0.50000	0.0	0.0	0.0
	37.00000	1.00000	0.00000	-50.042	-0.50000	0.0	0.0	0.0
	38.00000	1.00000	0.00000	-41.024	-0.50000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	42.00000	1.00000	0.00000	-21.776	-0.50000	0.0	0.0	0.0
	43.00000	1.00000	0.00000	-19.671	-0.50000	0.0	0.0	0.0
	44.00000	1.00000	0.00000	-17.880	-0.50000	0.0	0.0	0.0
	45.00000	1.00000	0.00000	-16.329	-0.50000	0.0	0.0	0.0
	46.00000	1.00000	0.00000	-14.967	-0.50000	0.0	0.0	0.0
	47.00000	1.00000	0.00000	-13.759	-0.50000	0.0	0.0	0.0
	48.00000	1.00000	0.00000	-12.680	-0.50000	0.0	0.0	0.0
	49.00000	1.00000	0.00000	-11.709	-0.50000	0.0	0.0	0.0
	50.00000	1.00000	0.00000	-10.832	-0.50000	0.0	0.0	0.0
	51.00000	1.00000	0.00000	-10.035	-0.50000	0.0	0.0	0.0
	52.00000	1.00000	0.00000	-9.3096	-0.50000	0.0	0.0	0.0
	53.00000	1.00000	0.00000	-8.6463	-0.50000	0.0	0.0	0.0
	54.00000	1.00000	0.00000	-8.0384	-0.50000	0.0	0.0	0.0
	55.00000	1.00000	0.00000	-7.4799	-0.50000	0.0	0.0	0.0
	56.00000	1.00000	0.00000	-6.9659	-0.50000	0.0	0.0	0.0
	57.00000	1.00000	0.00000	-6.4919	-0.50000	0.0	0.0	0.0
	58.00000	1.00000	0.00000	-6.0541	-0.50000	0.0	0.0	0.0
	59.00000	1.00000	0.00000	-5.6491	-0.50000	0.0	0.0	0.0
	60.00000	1.00000	0.00000	-5.2741	-0.50000	0.0	0.0	0.0
	-20.00000	2.00000	0.00000	-5.5076	-0.50000	0.0	0.0	0.0
	-19.00000	2.00000	0.00000	-5.9040	-0.50000	0.0	0.0	0.0
	-18.00000	2.00000	0.00000	-6.3324	-0.50000	0.0	0.0	0.0
	-17.00000	2.00000	0.00000	-6.7960	-0.50000	0.0	0.0	0.0
	-16.00000	2.00000	0.00000	-7.2985	-0.50000	0.0	0.0	0.0
	-15.00000	2.00000	0.00000	-7.8441	-0.50000	0.0	0.0	0.0
	-14.00000	2.00000	0.00000	-8.4374	-0.50000	0.0	0.0	0.0
	-13.00000	2.00000	0.00000	-9.0840	-0.50000	0.0	0.0	0.0
	-12.00000	2.00000	0.00000	-9.7905	-0.50000	0.0	0.0	0.0
	-11.00000	2.00000	0.00000	-10.564	-0.50000	0.0	0.0	0.0
	-10.00000	2.00000	0.00000	-11.415	-0.50000	0.0	0.0	0.0
	-9.00000	2.00000	0.00000	-12.354	-0.50000	0.0	0.0	0.0
	-8.00000	2.00000	0.00000	-13.394	-0.50000	0.0	0.0	0.0
	-7.00000	2.00000	0.00000	-14.553	-0.50000	0.0	0.0	0.0
	-6.00000	2.00000	0.00000	-15.854	-0.50000	0.0	0.0	0.0
	-5.00000	2.00000	0.00000	-17.327	-0.50000	0.0	0.0	0.0
	-4.00000	2.00000	0.00000	-19.012	-0.50000	0.0	0.0	0.0
	-3.00000	2.00000	0.00000	-20.970	-0.50000	0.0	0.0	0.0
	-2.00000	2.00000	0.00000	-23.290	-0.50000	0.0	0.0	0.0
	-1.00000	2.00000	0.00000	-26.125	-0.50000	0.0	0.0	0.0
	0.00000	2.00000	0.00000	-29.758	-0.50000	0.0	0.0	0.0
	1.00000	2.00000	0.00000	-34.839	-0.50000	0.0	0.0	0.0
	2.00000	2.00000	0.00000	-44.768	-0.50000	0.0	0.0	0.0
	3.00000	2.00000	0.00000	-54.683	-0.50000	0.0	0.0	0.0
	4.00000	2.00000	0.00000	-59.726	-0.50000	0.0	0.0	0.0
	5.00000	2.00000	0.00000	-63.295	-0.50000	0.0	0.0	0.0
	6.00000	2.00000	0.00000	-66.041	-0.50000	0.0	0.0	0.0
	7.00000	2.00000	0.00000	-68.247	-0.50000	0.0	0.0	0.0
	8.00000	2.00000	0.00000	-70.065	-0.50000	0.0	0.0	0.0
	9.00000	2.00000	0.00000	-71.586	-0.50000	0.0	0.0	0.0
	10.00000	2.00000	0.00000	-72.869	-0.50000	0.0	0.0	0.0
	11.00000	2.00000	0.00000	-73.955	-0.50000	0.0	0.0	0.0
	12.00000	2.00000	0.00000	-74.873	-0.50000	0.0	0.0	0.0
	13.00000	2.00000	0.00000	-75.646	-0.50000	0.0	0.0	0.0
	14.00000	2.00000	0.00000	-76.289	-0.50000	0.0	0.0	0.0
	15.00000	2.00000	0.00000	-76.814	-0.50000	0.0	0.0	0.0
	16.00000	2.00000	0.00000	-77.232	-0.50000	0.0	0.0	0.0
	17.00000	2.00000	0.00000	-77.549	-0.50000	0.0	0.0	0.0
	18.00000	2.00000	0.00000	-77.770	-0.50000	0.0	0.0	0.0
	19.00000	2.00000	0.00000	-77.899	-0.50000	0.0	0.0	0.0
	20.00000	2.00000	0.00000	-77.937	-0.50000	0.0	0.0	0.0
	21.00000	2.00000	0.00000	-77.886	-0.50000	0.0	0.0	0.0
	22.00000	2.00000	0.00000	-77.744	-0.50000	0.0	0.0	0.0
	23.00000	2.00000	0.00000	-77.509	-0.50000	0.0	0.0	0.0
	24.00000	2.00000	0.00000	-77.178	-0.50000	0.0	0.0	0.0
	25.00000	2.00000	0.00000	-76.746	-0.50000	0.0	0.0	0.0
	26.00000	2.00000	0.00000	-76.205	-0.50000	0.0	0.0	0.0
	27.00000	2.00000	0.00000	-75.546	-0.50000	0.0	0.0	0.0
	28.00000	2.00000	0.00000	-74.757	-0.50000	0.0	0.0	0.0
	29.00000	2.00000	0.00000	-73.822	-0.50000	0.0	0.0	0.0
	30.00000	2.00000	0.00000	-72.719	-0.50000	0.0	0.0	0.0
	31.00000	2.00000	0.00000	-71.418	-0.50000	0.0	0.0	0.0
	32.00000	2.00000	0.00000	-69.880	-0.50000	0.0	0.0	0.0
	33.00000	2.00000	0.00000	-68.045	-0.50000	0.0	0.0	0.0
	34.00000	2.00000	0.00000	-65.823	-0.50000	0.0	0.0	0.0
	35.00000	2.00000	0.00000	-63.063	-0.50000	0.0	0.0	0.0
	36.00000	2.00000	0.00000	-59.480	-0.50000	0.0	0.0	0.0
	37.00000	2.00000	0.00000	-54.426	-0.50000	0.0	0.0	0.0
	38.00000	2.00000	0.00000	-44.502	-0.50000	0.0	0.0	0.0
	39.00000	2.00000	0.00000	-34.567	-0.50000	0.0	0.0	0.0
	40.00000	2.00000	0.00000	-29.482	-0.50000	0.0	0.0	0.0
	41.00000	2.00000	0.00000	-25.847	-0.50000	0.0	0.0	0.0
	42.00000	2.00000	0.00000	-23.014	-0.50000	0.0	0.0	0.0
	43.00000	2.00000	0.00000	-20.697	-0.50000	0.0	0.0	0.0
	44.00000	2.00000	0.00000	-18.745	-0.50000	0.0	0.0	0.0
	45.00000	2.00000	0.00000	-17.067	-0.50000	0.0	0.0	0.0
	46.00000	2.00000	0.00000	-15.603	-0.50000	0.0	0.0	0.0
	47.00000	2.00000	0.00000	-14.312	-0.50000	0.0	0.0	0.0
	48.00000	2.00000	0.00000	-13.164	-0.50000	0.0	0.0	0.0
	49.00000	2.00000	0.00000	-12.135	-0.50000	0.0	0.0	0.0
	50.00000	2.00000	0.00000	-11.208	-0.50000	0.0	0.0	0.0
	51.00000	2.00000	0.00000	-10.369	-0.50000	0.0	0.0	0.0
	52.00000	2.00000	0.00000	-9.6063	-0.50000	0.0	0.0	0.0
	53.00000	2.00000	0.00000	-8.9112	-0.50000	0.0	0.0	0.0
	54.00000	2.00000	0.00000	-8.2755	-0.50000	0.0	0.0	0.0
	55.00000	2.00000	0.00000	-7.6928	-0.50000	0.0	0.0	0.0
	56.00000	2.00000	0.00000	-7.1574	-0.50000	0.0	0.0	0.0
	57.00000	2.00000	0.00000	-6.6645	-0.50000	0.0	0.0	0.0
	58.00000	2.00000	0.00000	-6.2099	-0.50000	0.0	0.0	0.0
	59.00000	2.00000	0.00000	-5.7901	-0.50000	0.0	0.0	0.0
	60.00000	2.00000	0.00000	-5.4017	-0.50000	0.0	0.0	0.0
	-20.00000	3.00000	0.00000	-5.6358	-0.50000	0.0	0.0	0.0
	-19.00000	3.00000	0.00000	-6.0458	-0.50000	0.0	0.0	0.0
	-18.00000	3.00000	0.00000	-6.4895	-0.50000	0.0	0.0	0.0
	-17.00000	3.00000	0.00000	-6.9704	-0.50000	0.0	0.0	0.0
	-16.00000	3.00000	0.00000	-7.4923	-0.50000	0.0	0.0	0.0
	-15.00000	3.00000	0.00000	-8.0599	-0.50000	0.0	0.0	0.0
	-14.00000	3.00000	0.00000	-8.6782	-0.50000	0.0	0.0	0.0
	-13.00000	3.00000	0.00000	-9.3533	-0.50000	0.0	0.0	0.0
	-12.00000	3.00000	0.00000	-10.092	-0.50000	0.0	0.0	0.0
	-11.00000	3.00000	0.00000	-10.904	-0.50000	0.0	0.0	0.0
	-10.00000	3.00000	0.00000	-11.797	-0.50000	0.0	0.0	0.0
	-9.00000	3.00000	0.00000	-12.786	-0.50000	0.0	0.0	0.0
	-8.00000	3.00000	0.00000	-13.884	-0.50000	0.0	0.0	0.0
	-7.00000	3.00000	0.00000	-15.112	-0.50000	0.0	0.0	0.0
	-6.00000	3.00000	0.00000	-16.495	-0.50000	0.0	0.0	0.0
	-5.00000	3.00000	0.00000	-18.065	-0.50000	0.0	0.0	0.0
	-4.00000	3.00000	0.00000	-19.870	-0.50000	0.0	0.0	0.0
	-3.00000	3.00000	0.00000	-21.977	-0.50000	0.0	0.0	0.0
	-2.00000	3.00000	0.00000	-24.486	-0.50000	0.0	0.0	0.0
	-1.00000	3.00000	0.00000	-27.564	-0.50000	0.0	0.0	0.0
	0.00000	3.00000	0.00000	-31.516	-0.50000	0.0	0.0	0.0
	1.00000	3.00000	0.00000	-37.011	-0.50000	0.0	0.0	0.0
	2.00000	3.00000	0.00000	-47.433	-0.50000	0.0	0.0	0.0
	3.00000	3.00000	0.00000	-57.841	-0.50000	0.0	0.0	0.0
	4.00000	3.00000	0.00000	-63.295	-0.50000	0.0	0.0	0.0
	5.00000	3.00000	0.00000	-67.178	-0.50000	0.0	0.0	0.0
	6.00000	3.00000	0.00000	-70.161	-0.50000	0.0	0.0	0.0
	7.00000	3.00000	0.00000	-72.548	-0.50000	0.0	0.0	0.0
	8.00000	3.00000	0.00000	-74.506	-0.50000	0.0	0.0	0.0
	9.00000	3.00000	0.00000	-76.137	-0.50000	0.0	0.0	0.0
	10.00000	3.00000	0.00000	-77.508	-0.50000	0.0	0.0	0.0
	11.00000	3.00000	0.00000	-78.664	-0.50000	0.0	0.0	0.0
	12.00000	3.00000	0.00000	-79.639	-0.50000	0.0	0.0	0.0
	13.00000	3.00000	0.00000	-80.458	-0.50000	0.0	0.0	0.0
	14.00000	3.00000	0.00000	-81.137	-0.50000	0.0	0.0	0.0
	15.00000	3.00000	0.00000	-81.692	-0.50000	0.0	0.0	0.0
	16.00000	3.00000	0.00000	-82.133	-0.50000	0.0	0.0	0.0
	17.00000	3.00000	0.00000	-82.466	-0.50000	0.0	0.0	0.0
	18.00000	3.00000	0.00000	-82.699	-0.50000	0.0	0.0	0.0
	19.00000	3.00000	0.00000	-82.835	-0.50000	0.0	0.0	0.0
	20.00000	3.00000	0.00000	-82.875	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	21.00000	3.00000	0.00000	-82.821	-0.50000	0.0	0.0	0.0
	22.00000	3.00000	0.00000	-82.671	-0.50000	0.0	0.0	0.0
	23.00000	3.00000	0.00000	-82.424	-0.50000	0.0	0.0	0.0
	24.00000	3.00000	0.00000	-82.075	-0.50000	0.0	0.0	0.0
	25.00000	3.00000	0.00000	-81.618	-0.50000	0.0	0.0	0.0
	26.00000	3.00000	0.00000	-81.046	-0.50000	0.0	0.0	0.0
	27.00000	3.00000	0.00000	-80.349	-0.50000	0.0	0.0	0.0
	28.00000	3.00000	0.00000	-79.512	-0.50000	0.0	0.0	0.0
	29.00000	3.00000	0.00000	-78.517	-0.50000	0.0	0.0	0.0
	30.00000	3.00000	0.00000	-77.341	-0.50000	0.0	0.0	0.0
	31.00000	3.00000	0.00000	-75.950	-0.50000	0.0	0.0	0.0
	32.00000	3.00000	0.00000	-74.299	-0.50000	0.0	0.0	0.0
	33.00000	3.00000	0.00000	-72.321	-0.50000	0.0	0.0	0.0
	34.00000	3.00000	0.00000	-69.915	-0.50000	0.0	0.0	0.0
	35.00000	3.00000	0.00000	-66.914	-0.50000	0.0	0.0	0.0
	36.00000	3.00000	0.00000	-63.015	-0.50000	0.0	0.0	0.0
	37.00000	3.00000	0.00000	-57.548	-0.50000	0.0	0.0	0.0
	38.00000	3.00000	0.00000	-47.129	-0.50000	0.0	0.0	0.0
	39.00000	3.00000	0.00000	-36.700	-0.50000	0.0	0.0	0.0
	40.00000	3.00000	0.00000	-31.200	-0.50000	0.0	0.0	0.0
	41.00000	3.00000	0.00000	-27.247	-0.50000	0.0	0.0	0.0
	42.00000	3.00000	0.00000	-24.171	-0.50000	0.0	0.0	0.0
	43.00000	3.00000	0.00000	-21.667	-0.50000	0.0	0.0	0.0
	44.00000	3.00000	0.00000	-19.568	-0.50000	0.0	0.0	0.0
	45.00000	3.00000	0.00000	-17.773	-0.50000	0.0	0.0	0.0
	46.00000	3.00000	0.00000	-16.213	-0.50000	0.0	0.0	0.0
	47.00000	3.00000	0.00000	-14.843	-0.50000	0.0	0.0	0.0
	48.00000	3.00000	0.00000	-13.628	-0.50000	0.0	0.0	0.0
	49.00000	3.00000	0.00000	-12.544	-0.50000	0.0	0.0	0.0
	50.00000	3.00000	0.00000	-11.569	-0.50000	0.0	0.0	0.0
	51.00000	3.00000	0.00000	-10.689	-0.50000	0.0	0.0	0.0
	52.00000	3.00000	0.00000	-9.8915	-0.50000	0.0	0.0	0.0
	53.00000	3.00000	0.00000	-9.1657	-0.50000	0.0	0.0	0.0
	54.00000	3.00000	0.00000	-8.5033	-0.50000	0.0	0.0	0.0
	55.00000	3.00000	0.00000	-7.8971	-0.50000	0.0	0.0	0.0
	56.00000	3.00000	0.00000	-7.3410	-0.50000	0.0	0.0	0.0
	57.00000	3.00000	0.00000	-6.8299	-0.50000	0.0	0.0	0.0
	58.00000	3.00000	0.00000	-6.3592	-0.50000	0.0	0.0	0.0
	59.00000	3.00000	0.00000	-5.9250	-0.50000	0.0	0.0	0.0
	60.00000	3.00000	0.00000	-5.5239	-0.50000	0.0	0.0	0.0
	-20.00000	4.00000	0.00000	-5.7580	-0.50000	0.0	0.0	0.0
	-19.00000	4.00000	0.00000	-6.1811	-0.50000	0.0	0.0	0.0
	-18.00000	4.00000	0.00000	-6.6395	-0.50000	0.0	0.0	0.0
	-17.00000	4.00000	0.00000	-7.1370	-0.50000	0.0	0.0	0.0
	-16.00000	4.00000	0.00000	-7.6777	-0.50000	0.0	0.0	0.0
	-15.00000	4.00000	0.00000	-8.2665	-0.50000	0.0	0.0	0.0
	-14.00000	4.00000	0.00000	-8.9089	-0.50000	0.0	0.0	0.0
	-13.00000	4.00000	0.00000	-9.6115	-0.50000	0.0	0.0	0.0
	-12.00000	4.00000	0.00000	-10.382	-0.50000	0.0	0.0	0.0
	-11.00000	4.00000	0.00000	-11.229	-0.50000	0.0	0.0	0.0
	-10.00000	4.00000	0.00000	-12.164	-0.50000	0.0	0.0	0.0
	-9.00000	4.00000	0.00000	-13.200	-0.50000	0.0	0.0	0.0
	-8.00000	4.00000	0.00000	-14.355	-0.50000	0.0	0.0	0.0
	-7.00000	4.00000	0.00000	-15.648	-0.50000	0.0	0.0	0.0
	-6.00000	4.00000	0.00000	-17.107	-0.50000	0.0	0.0	0.0
	-5.00000	4.00000	0.00000	-18.768	-0.50000	0.0	0.0	0.0
	-4.00000	4.00000	0.00000	-20.683	-0.50000	0.0	0.0	0.0
	-3.00000	4.00000	0.00000	-22.921	-0.50000	0.0	0.0	0.0
	-2.00000	4.00000	0.00000	-25.591	-0.50000	0.0	0.0	0.0
	-1.00000	4.00000	0.00000	-28.867	-0.50000	0.0	0.0	0.0
	0.00000	4.00000	0.00000	-33.062	-0.50000	0.0	0.0	0.0
	1.00000	4.00000	0.00000	-38.843	-0.50000	0.0	0.0	0.0
	2.00000	4.00000	0.00000	-49.581	-0.50000	0.0	0.0	0.0
	3.00000	4.00000	0.00000	-60.304	-0.50000	0.0	0.0	0.0
	4.00000	4.00000	0.00000	-66.041	-0.50000	0.0	0.0	0.0
	5.00000	4.00000	0.00000	-70.161	-0.50000	0.0	0.0	0.0
	6.00000	4.00000	0.00000	-73.335	-0.50000	0.0	0.0	0.0
	7.00000	4.00000	0.00000	-75.874	-0.50000	0.0	0.0	0.0
	8.00000	4.00000	0.00000	-77.954	-0.50000	0.0	0.0	0.0
	9.00000	4.00000	0.00000	-79.683	-0.50000	0.0	0.0	0.0
	10.00000	4.00000	0.00000	-81.133	-0.50000	0.0	0.0	0.0
	11.00000	4.00000	0.00000	-82.354	-0.50000	0.0	0.0	0.0
	12.00000	4.00000	0.00000	-83.381	-0.50000	0.0	0.0	0.0
	13.00000	4.00000	0.00000	-84.242	-0.50000	0.0	0.0	0.0
	14.00000	4.00000	0.00000	-84.956	-0.50000	0.0	0.0	0.0
	15.00000	4.00000	0.00000	-85.538	-0.50000	0.0	0.0	0.0
	16.00000	4.00000	0.00000	-86.000	-0.50000	0.0	0.0	0.0
	17.00000	4.00000	0.00000	-86.349	-0.50000	0.0	0.0	0.0
	18.00000	4.00000	0.00000	-86.593	-0.50000	0.0	0.0	0.0
	19.00000	4.00000	0.00000	-86.735	-0.50000	0.0	0.0	0.0
	20.00000	4.00000	0.00000	-86.777	-0.50000	0.0	0.0	0.0
	21.00000	4.00000	0.00000	-86.720	-0.50000	0.0	0.0	0.0
	22.00000	4.00000	0.00000	-86.563	-0.50000	0.0	0.0	0.0
	23.00000	4.00000	0.00000	-86.304	-0.50000	0.0	0.0	0.0
	24.00000	4.00000	0.00000	-85.938	-0.50000	0.0	0.0	0.0
	25.00000	4.00000	0.00000	-85.459	-0.50000	0.0	0.0	0.0
	26.00000	4.00000	0.00000	-84.858	-0.50000	0.0	0.0	0.0
	27.00000	4.00000	0.00000	-84.124	-0.50000	0.0	0.0	0.0
	28.00000	4.00000	0.00000	-83.242	-0.50000	0.0	0.0	0.0
	29.00000	4.00000	0.00000	-82.192	-0.50000	0.0	0.0	0.0
	30.00000	4.00000	0.00000	-80.948	-0.50000	0.0	0.0	0.0
	31.00000	4.00000	0.00000	-79.475	-0.50000	0.0	0.0	0.0
	32.00000	4.00000	0.00000	-77.721	-0.50000	0.0	0.0	0.0
	33.00000	4.00000	0.00000	-75.618	-0.50000	0.0	0.0	0.0
	34.00000	4.00000	0.00000	-73.055	-0.50000	0.0	0.0	0.0
	35.00000	4.00000	0.00000	-69.860	-0.50000	0.0	0.0	0.0
	36.00000	4.00000	0.00000	-65.721	-0.50000	0.0	0.0	0.0
	37.00000	4.00000	0.00000	-59.968	-0.50000	0.0	0.0	0.0
	38.00000	4.00000	0.00000	-49.232	-0.50000	0.0	0.0	0.0
	39.00000	4.00000	0.00000	-38.485	-0.50000	0.0	0.0	0.0
	40.00000	4.00000	0.00000	-32.699	-0.50000	0.0	0.0	0.0
	41.00000	4.00000	0.00000	-28.504	-0.50000	0.0	0.0	0.0
	42.00000	4.00000	0.00000	-25.231	-0.50000	0.0	0.0	0.0
	43.00000	4.00000	0.00000	-22.568	-0.50000	0.0	0.0	0.0
	44.00000	4.00000	0.00000	-20.340	-0.50000	0.0	0.0	0.0
	45.00000	4.00000	0.00000	-18.438	-0.50000	0.0	0.0	0.0
	46.00000	4.00000	0.00000	-16.791	-0.50000	0.0	0.0	0.0
	47.00000	4.00000	0.00000	-15.347	-0.50000	0.0	0.0	0.0
	48.00000	4.00000	0.00000	-14.070	-0.50000	0.0	0.0	0.0
	49.00000	4.00000	0.00000	-12.933	-0.50000	0.0	0.0	0.0
	50.00000	4.00000	0.00000	-11.913	-0.50000	0.0	0.0	0.0
	51.00000	4.00000	0.00000	-10.994	-0.50000	0.0	0.0	0.0
	52.00000	4.00000	0.00000	-10.163	-0.50000	0.0	0.0	0.0
	53.00000	4.00000	0.00000	-9.4081	-0.50000	0.0	0.0	0.0
	54.00000	4.00000	0.00000	-8.7201	-0.50000	0.0	0.0	0.0
	55.00000	4.00000	0.00000	-8.0915	-0.50000	0.0	0.0	0.0
	56.00000	4.00000	0.00000	-7.5157	-0.50000	0.0	0.0	0.0
	57.00000	4.00000	0.00000	-6.9872	-0.50000	0.0	0.0	0.0
	58.00000	4.00000	0.00000	-6.5010	-0.50000	0.0	0.0	0.0
	59.00000	4.00000	0.00000	-6.0531	-0.50000	0.0	0.0	0.0
	60.00000	4.00000	0.00000	-5.6398	-0.50000	0.0	0.0	0.0
	-20.00000	5.00000	0.00000	-5.8733	-0.50000	0.0	0.0	0.0
	-19.00000	5.00000	0.00000	-6.3089	-0.50000	0.0	0.0	0.0
	-18.00000	5.00000	0.00000	-6.7814	-0.50000	0.0	0.0	0.0
	-17.00000	5.00000	0.00000	-7.2948	-0.50000	0.0	0.0	0.0
	-16.00000	5.00000	0.00000	-7.8535	-0.50000	0.0	0.0	0.0
	-15.00000	5.00000	0.00000	-8.4626	-0.50000	0.0	0.0	0.0
	-14.00000	5.00000	0.00000	-9.1281	-0.50000	0.0	0.0	0.0
	-13.00000	5.00000	0.00000	-9.8569	-0.50000	0.0	0.0	0.0
	-12.00000	5.00000	0.00000	-10.657	-0.50000	0.0	0.0	0.0
	-11.00000	5.00000	0.00000	-11.539	-0.50000	0.0	0.0	0.0
	-10.00000	5.00000	0.00000	-12.513	-0.50000	0.0	0.0	0.0
	-9.00000	5.00000	0.00000	-13.595	-0.50000	0.0	0.0	0.0
	-8.00000	5.00000	0.00000	-14.802	-0.50000	0.0	0.0	0.0
	-7.00000	5.00000	0.00000	-16.155	-0.50000	0.0	0.0	0.0
	-6.00000	5.00000	0.00000	-17.686	-0.50000	0.0	0.0	0.0
	-5.00000	5.00000	0.00000	-19.430	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	0.00000	5.00000	0.00000	-34.418	-0.50000	0.0	0.0	0.0
	1.00000	5.00000	0.00000	-40.407	-0.50000	0.0	0.0	0.0
	2.00000	5.00000	0.00000	-51.366	-0.50000	0.0	0.0	0.0
	3.00000	5.00000	0.00000	-62.309	-0.50000	0.0	0.0	0.0
	4.00000	5.00000	0.00000	-68.249	-0.50000	0.0	0.0	0.0
	5.00000	5.00000	0.00000	-72.548	-0.50000	0.0	0.0	0.0
	6.00000	5.00000	0.00000	-75.873	-0.50000	0.0	0.0	0.0
	7.00000	5.00000	0.00000	-78.538	-0.50000	0.0	0.0	0.0
	8.00000	5.00000	0.00000	-80.721	-0.50000	0.0	0.0	0.0
	9.00000	5.00000	0.00000	-82.535	-0.50000	0.0	0.0	0.0
	10.00000	5.00000	0.00000	-84.055	-0.50000	0.0	0.0	0.0
	11.00000	5.00000	0.00000	-85.332	-0.50000	0.0	0.0	0.0
	12.00000	5.00000	0.00000	-86.407	-0.50000	0.0	0.0	0.0
	13.00000	5.00000	0.00000	-87.306	-0.50000	0.0	0.0	0.0
	14.00000	5.00000	0.00000	-88.051	-0.50000	0.0	0.0	0.0
	15.00000	5.00000	0.00000	-88.658	-0.50000	0.0	0.0	0.0
	16.00000	5.00000	0.00000	-89.140	-0.50000	0.0	0.0	0.0
	17.00000	5.00000	0.00000	-89.504	-0.50000	0.0	0.0	0.0
	18.00000	5.00000	0.00000	-89.758	-0.50000	0.0	0.0	0.0
	19.00000	5.00000	0.00000	-89.905	-0.50000	0.0	0.0	0.0
	20.00000	5.00000	0.00000	-89.949	-0.50000	0.0	0.0	0.0
	21.00000	5.00000	0.00000	-89.890	-0.50000	0.0	0.0	0.0
	22.00000	5.00000	0.00000	-89.726	-0.50000	0.0	0.0	0.0
	23.00000	5.00000	0.00000	-89.456	-0.50000	0.0	0.0	0.0
	24.00000	5.00000	0.00000	-89.074	-0.50000	0.0	0.0	0.0
	25.00000	5.00000	0.00000	-88.574	-0.50000	0.0	0.0	0.0
	26.00000	5.00000	0.00000	-87.946	-0.50000	0.0	0.0	0.0
	27.00000	5.00000	0.00000	-87.179	-0.50000	0.0	0.0	0.0
	28.00000	5.00000	0.00000	-86.256	-0.50000	0.0	0.0	0.0
	29.00000	5.00000	0.00000	-85.155	-0.50000	0.0	0.0	0.0
	30.00000	5.00000	0.00000	-83.850	-0.50000	0.0	0.0	0.0
	31.00000	5.00000	0.00000	-82.302	-0.50000	0.0	0.0	0.0
	32.00000	5.00000	0.00000	-80.460	-0.50000	0.0	0.0	0.0
	33.00000	5.00000	0.00000	-78.247	-0.50000	0.0	0.0	0.0
	34.00000	5.00000	0.00000	-75.554	-0.50000	0.0	0.0	0.0
	35.00000	5.00000	0.00000	-72.203	-0.50000	0.0	0.0	0.0
	36.00000	5.00000	0.00000	-67.881	-0.50000	0.0	0.0	0.0
	37.00000	5.00000	0.00000	-61.921	-0.50000	0.0	0.0	0.0
	38.00000	5.00000	0.00000	-50.963	-0.50000	0.0	0.0	0.0
	39.00000	5.00000	0.00000	-39.993	-0.50000	0.0	0.0	0.0
	40.00000	5.00000	0.00000	-33.999	-0.50000	0.0	0.0	0.0
	41.00000	5.00000	0.00000	-29.620	-0.50000	0.0	0.0	0.0
	42.00000	5.00000	0.00000	-26.189	-0.50000	0.0	0.0	0.0
	43.00000	5.00000	0.00000	-23.392	-0.50000	0.0	0.0	0.0
	44.00000	5.00000	0.00000	-21.052	-0.50000	0.0	0.0	0.0
	45.00000	5.00000	0.00000	-19.056	-0.50000	0.0	0.0	0.0
	46.00000	5.00000	0.00000	-17.329	-0.50000	0.0	0.0	0.0
	47.00000	5.00000	0.00000	-15.819	-0.50000	0.0	0.0	0.0
	48.00000	5.00000	0.00000	-14.485	-0.50000	0.0	0.0	0.0
	49.00000	5.00000	0.00000	-13.299	-0.50000	0.0	0.0	0.0
	50.00000	5.00000	0.00000	-12.237	-0.50000	0.0	0.0	0.0
	51.00000	5.00000	0.00000	-11.282	-0.50000	0.0	0.0	0.0
	52.00000	5.00000	0.00000	-10.419	-0.50000	0.0	0.0	0.0
	53.00000	5.00000	0.00000	-9.6365	-0.50000	0.0	0.0	0.0
	54.00000	5.00000	0.00000	-8.9245	-0.50000	0.0	0.0	0.0
	55.00000	5.00000	0.00000	-8.2747	-0.50000	0.0	0.0	0.0
	56.00000	5.00000	0.00000	-7.6803	-0.50000	0.0	0.0	0.0
	57.00000	5.00000	0.00000	-7.1353	-0.50000	0.0	0.0	0.0
	58.00000	5.00000	0.00000	-6.6346	-0.50000	0.0	0.0	0.0
	59.00000	5.00000	0.00000	-6.1737	-0.50000	0.0	0.0	0.0
	60.00000	5.00000	0.00000	-5.7489	-0.50000	0.0	0.0	0.0
	-20.00000	6.00000	0.00000	-5.9812	-0.50000	0.0	0.0	0.0
	-19.00000	6.00000	0.00000	-6.4286	-0.50000	0.0	0.0	0.0
	-18.00000	6.00000	0.00000	-6.9144	-0.50000	0.0	0.0	0.0
	-17.00000	6.00000	0.00000	-7.4428	-0.50000	0.0	0.0	0.0
	-16.00000	6.00000	0.00000	-8.0185	-0.50000	0.0	0.0	0.0
	-15.00000	6.00000	0.00000	-8.6468	-0.50000	0.0	0.0	0.0
	-14.00000	6.00000	0.00000	-9.3342	-0.50000	0.0	0.0	0.0
	-13.00000	6.00000	0.00000	-10.088	-0.50000	0.0	0.0	0.0
	-12.00000	6.00000	0.00000	-10.917	-0.50000	0.0	0.0	0.0
	-11.00000	6.00000	0.00000	-11.831	-0.50000	0.0	0.0	0.0
	-10.00000	6.00000	0.00000	-12.842	-0.50000	0.0	0.0	0.0
	-9.00000	6.00000	0.00000	-13.967	-0.50000	0.0	0.0	0.0
	-8.00000	6.00000	0.00000	-15.222	-0.50000	0.0	0.0	0.0
	-7.00000	6.00000	0.00000	-16.633	-0.50000	0.0	0.0	0.0
	-6.00000	6.00000	0.00000	-18.228	-0.50000	0.0	0.0	0.0
	-5.00000	6.00000	0.00000	-20.048	-0.50000	0.0	0.0	0.0
	-4.00000	6.00000	0.00000	-22.147	-0.50000	0.0	0.0	0.0
	-3.00000	6.00000	0.00000	-24.600	-0.50000	0.0	0.0	0.0
	-2.00000	6.00000	0.00000	-27.521	-0.50000	0.0	0.0	0.0
	-1.00000	6.00000	0.00000	-31.087	-0.50000	0.0	0.0	0.0
	0.00000	6.00000	0.00000	-35.612	-0.50000	0.0	0.0	0.0
	1.00000	6.00000	0.00000	-41.757	-0.50000	0.0	0.0	0.0
	2.00000	6.00000	0.00000	-52.878	-0.50000	0.0	0.0	0.0
	3.00000	6.00000	0.00000	-63.981	-0.50000	0.0	0.0	0.0
	4.00000	6.00000	0.00000	-70.073	-0.50000	0.0	0.0	0.0
	5.00000	6.00000	0.00000	-74.507	-0.50000	0.0	0.0	0.0
	6.00000	6.00000	0.00000	-77.950	-0.50000	0.0	0.0	0.0
	7.00000	6.00000	0.00000	-80.717	-0.50000	0.0	0.0	0.0
	8.00000	6.00000	0.00000	-82.985	-0.50000	0.0	0.0	0.0
	9.00000	6.00000	0.00000	-84.871	-0.50000	0.0	0.0	0.0
	10.00000	6.00000	0.00000	-86.450	-0.50000	0.0	0.0	0.0
	11.00000	6.00000	0.00000	-87.777	-0.50000	0.0	0.0	0.0
	12.00000	6.00000	0.00000	-88.893	-0.50000	0.0	0.0	0.0
	13.00000	6.00000	0.00000	-89.826	-0.50000	0.0	0.0	0.0
	14.00000	6.00000	0.00000	-90.599	-0.50000	0.0	0.0	0.0
	15.00000	6.00000	0.00000	-91.228	-0.50000	0.0	0.0	0.0
	16.00000	6.00000	0.00000	-91.727	-0.50000	0.0	0.0	0.0
	17.00000	6.00000	0.00000	-92.105	-0.50000	0.0	0.0	0.0
	18.00000	6.00000	0.00000	-92.368	-0.50000	0.0	0.0	0.0
	19.00000	6.00000	0.00000	-92.521	-0.50000	0.0	0.0	0.0
	20.00000	6.00000	0.00000	-92.566	-0.50000	0.0	0.0	0.0
	21.00000	6.00000	0.00000	-92.505	-0.50000	0.0	0.0	0.0
	22.00000	6.00000	0.00000	-92.335	-0.50000	0.0	0.0	0.0
	23.00000	6.00000	0.00000	-92.055	-0.50000	0.0	0.0	0.0
	24.00000	6.00000	0.00000	-91.659	-0.50000	0.0	0.0	0.0
	25.00000	6.00000	0.00000	-91.140	-0.50000	0.0	0.0	0.0
	26.00000	6.00000	0.00000	-90.487	-0.50000	0.0	0.0	0.0
	27.00000	6.00000	0.00000	-89.690	-0.50000	0.0	0.0	0.0
	28.00000	6.00000	0.00000	-88.729	-0.50000	0.0	0.0	0.0
	29.00000	6.00000	0.00000	-87.584	-0.50000	0.0	0.0	0.0
	30.00000	6.00000	0.00000	-86.224	-0.50000	0.0	0.0	0.0
	31.00000	6.00000	0.00000	-84.611	-0.50000	0.0	0.0	0.0
	32.00000	6.00000	0.00000	-82.691	-0.50000	0.0	0.0	0.0
	33.00000	6.00000	0.00000	-80.387	-0.50000	0.0	0.0	0.0
	34.00000	6.00000	0.00000	-77.586	-0.50000	0.0	0.0	0.0
	35.00000	6.00000	0.00000	-74.110	-0.50000	0.0	0.0	0.0
	36.00000	6.00000	0.00000	-69.646	-0.50000	0.0	0.0	0.0
	37.00000	6.00000	0.00000	-63.530	-0.50000	0.0	0.0	0.0
	38.00000	6.00000	0.00000	-52.408	-0.50000	0.0	0.0	0.0
	39.00000	6.00000	0.00000	-41.275	-0.50000	0.0	0.0	0.0
	40.00000	6.00000	0.00000	-35.124	-0.50000	0.0	0.0	0.0
	41.00000	6.00000	0.00000	-30.601	-0.50000	0.0	0.0	0.0
	42.00000	6.00000	0.00000	-27.043	-0.50000	0.0	0.0	0.0
	43.00000	6.00000	0.00000	-24.135	-0.50000	0.0	0.0	0.0
	44.00000	6.00000	0.00000	-21.700	-0.50000	0.0	0.0	0.0
	45.00000	6.00000	0.00000	-19.622	-0.50000	0.0	0.0	0.0
	46.00000	6.00000	0.00000	-17.826	-0.50000	0.0	0.0	0.0
	47.00000	6.00000	0.00000	-16.255	-0.50000	0.0	0.0	0.0
	48.00000	6.00000	0.00000	-14.869	-0.50000	0.0	0.0	0.0
	49.00000	6.00000	0.00000	-13.638	-0.50000	0.0	0.0	0.0
	50.00000	6.00000	0.00000	-12.538	-0.50000	0.0	0.0	0.0
	51.00000	6.00000	0.00000	-11.550	-0.50000	0.0	0.0	0.0
	52.00000	6.00000	0.00000	-10.658	-0.50000	0.0	0.0	0.0
	53.00000	6.00000	0.00000	-9.8495	-0.50000	0.0	0.0	0.0
	54.00000	6.00000	0.00000	-9.1150	-0.50000	0.0	0.0	0.0
	55.00000	6.00000	0.00000	-8.4456	-0.50000	0.0	0.0	0.0
	56.00000	6.00000	0.00000	-7.8338	-0.50000	0.0	0.0	0.0
	57.00000	6.00000	0.00000	-7.2734	-0.50000	0.0	0.0	0.0
	58.00000	6.00000	0.00000	-6.7590	-0.50000	0.0	0.0	0.0
	59.00000	6.00000	0.00000	-6.2861	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	60.00000	6.00000	0.00000	-5.8505	-0.50000	0.0	0.0	0.0
	-20.00000	7.00000	0.00000	-6.0809	-0.50000	0.0	0.0	0.0
	-19.00000	7.00000	0.00000	-6.5393	-0.50000	0.0	0.0	0.0
	-18.00000	7.00000	0.00000	-7.0376	-0.50000	0.0	0.0	0.0
	-17.00000	7.00000	0.00000	-7.5801	-0.50000	0.0	0.0	0.0
	-16.00000	7.00000	0.00000	-8.1717	-0.50000	0.0	0.0	0.0
	-15.00000	7.00000	0.00000	-8.8181	-0.50000	0.0	0.0	0.0
	-14.00000	7.00000	0.00000	-9.5260	-0.50000	0.0	0.0	0.0
	-13.00000	7.00000	0.00000	-10.303	-0.50000	0.0	0.0	0.0
	-12.00000	7.00000	0.00000	-11.159	-0.50000	0.0	0.0	0.0
	-11.00000	7.00000	0.00000	-12.103	-0.50000	0.0	0.0	0.0
	-10.00000	7.00000	0.00000	-13.150	-0.50000	0.0	0.0	0.0
	-9.00000	7.00000	0.00000	-14.314	-0.50000	0.0	0.0	0.0
	-8.00000	7.00000	0.00000	-15.615	-0.50000	0.0	0.0	0.0
	-7.00000	7.00000	0.00000	-17.078	-0.50000	0.0	0.0	0.0
	-6.00000	7.00000	0.00000	-18.732	-0.50000	0.0	0.0	0.0
	-5.00000	7.00000	0.00000	-20.620	-0.50000	0.0	0.0	0.0
	-4.00000	7.00000	0.00000	-22.796	-0.50000	0.0	0.0	0.0
	-3.00000	7.00000	0.00000	-25.336	-0.50000	0.0	0.0	0.0
	-2.00000	7.00000	0.00000	-28.354	-0.50000	0.0	0.0	0.0
	-1.00000	7.00000	0.00000	-32.027	-0.50000	0.0	0.0	0.0
	0.00000	7.00000	0.00000	-36.666	-0.50000	0.0	0.0	0.0
	1.00000	7.00000	0.00000	-42.932	-0.50000	0.0	0.0	0.0
	2.00000	7.00000	0.00000	-54.176	-0.50000	0.0	0.0	0.0
	3.00000	7.00000	0.00000	-65.399	-0.50000	0.0	0.0	0.0
	4.00000	7.00000	0.00000	-71.603	-0.50000	0.0	0.0	0.0
	5.00000	7.00000	0.00000	-76.141	-0.50000	0.0	0.0	0.0
	6.00000	7.00000	0.00000	-79.676	-0.50000	0.0	0.0	0.0
	7.00000	7.00000	0.00000	-82.522	-0.50000	0.0	0.0	0.0
	8.00000	7.00000	0.00000	-84.859	-0.50000	0.0	0.0	0.0
	9.00000	7.00000	0.00000	-86.803	-0.50000	0.0	0.0	0.0
	10.00000	7.00000	0.00000	-88.431	-0.50000	0.0	0.0	0.0
	11.00000	7.00000	0.00000	-89.800	-0.50000	0.0	0.0	0.0
	12.00000	7.00000	0.00000	-90.951	-0.50000	0.0	0.0	0.0
	13.00000	7.00000	0.00000	-91.913	-0.50000	0.0	0.0	0.0
	14.00000	7.00000	0.00000	-92.710	-0.50000	0.0	0.0	0.0
	15.00000	7.00000	0.00000	-93.359	-0.50000	0.0	0.0	0.0
	16.00000	7.00000	0.00000	-93.873	-0.50000	0.0	0.0	0.0
	17.00000	7.00000	0.00000	-94.263	-0.50000	0.0	0.0	0.0
	18.00000	7.00000	0.00000	-94.534	-0.50000	0.0	0.0	0.0
	19.00000	7.00000	0.00000	-94.692	-0.50000	0.0	0.0	0.0
	20.00000	7.00000	0.00000	-94.739	-0.50000	0.0	0.0	0.0
	21.00000	7.00000	0.00000	-94.676	-0.50000	0.0	0.0	0.0
	22.00000	7.00000	0.00000	-94.501	-0.50000	0.0	0.0	0.0
	23.00000	7.00000	0.00000	-94.212	-0.50000	0.0	0.0	0.0
	24.00000	7.00000	0.00000	-93.803	-0.50000	0.0	0.0	0.0
	25.00000	7.00000	0.00000	-93.267	-0.50000	0.0	0.0	0.0
	26.00000	7.00000	0.00000	-92.593	-0.50000	0.0	0.0	0.0
	27.00000	7.00000	0.00000	-91.768	-0.50000	0.0	0.0	0.0
	28.00000	7.00000	0.00000	-90.774	-0.50000	0.0	0.0	0.0
	29.00000	7.00000	0.00000	-89.589	-0.50000	0.0	0.0	0.0
	30.00000	7.00000	0.00000	-88.182	-0.50000	0.0	0.0	0.0
	31.00000	7.00000	0.00000	-86.513	-0.50000	0.0	0.0	0.0
	32.00000	7.00000	0.00000	-84.527	-0.50000	0.0	0.0	0.0
	33.00000	7.00000	0.00000	-82.146	-0.50000	0.0	0.0	0.0
	34.00000	7.00000	0.00000	-79.257	-0.50000	0.0	0.0	0.0
	35.00000	7.00000	0.00000	-75.680	-0.50000	0.0	0.0	0.0
	36.00000	7.00000	0.00000	-71.105	-0.50000	0.0	0.0	0.0
	37.00000	7.00000	0.00000	-64.870	-0.50000	0.0	0.0	0.0
	38.00000	7.00000	0.00000	-53.623	-0.50000	0.0	0.0	0.0
	39.00000	7.00000	0.00000	-42.364	-0.50000	0.0	0.0	0.0
	40.00000	7.00000	0.00000	-36.093	-0.50000	0.0	0.0	0.0
	41.00000	7.00000	0.00000	-31.457	-0.50000	0.0	0.0	0.0
	42.00000	7.00000	0.00000	-27.797	-0.50000	0.0	0.0	0.0
	43.00000	7.00000	0.00000	-24.798	-0.50000	0.0	0.0	0.0
	44.00000	7.00000	0.00000	-22.282	-0.50000	0.0	0.0	0.0
	45.00000	7.00000	0.00000	-20.134	-0.50000	0.0	0.0	0.0
	46.00000	7.00000	0.00000	-18.276	-0.50000	0.0	0.0	0.0
	47.00000	7.00000	0.00000	-16.653	-0.50000	0.0	0.0	0.0
	48.00000	7.00000	0.00000	-15.221	-0.50000	0.0	0.0	0.0
	49.00000	7.00000	0.00000	-13.950	-0.50000	0.0	0.0	0.0
	50.00000	7.00000	0.00000	-12.815	-0.50000	0.0	0.0	0.0
	51.00000	7.00000	0.00000	-11.796	-0.50000	0.0	0.0	0.0
	52.00000	7.00000	0.00000	-10.877	-0.50000	0.0	0.0	0.0
	53.00000	7.00000	0.00000	-10.046	-0.50000	0.0	0.0	0.0
	54.00000	7.00000	0.00000	-9.2905	-0.50000	0.0	0.0	0.0
	55.00000	7.00000	0.00000	-8.6029	-0.50000	0.0	0.0	0.0
	56.00000	7.00000	0.00000	-7.9751	-0.50000	0.0	0.0	0.0
	57.00000	7.00000	0.00000	-7.4005	-0.50000	0.0	0.0	0.0
	58.00000	7.00000	0.00000	-6.8736	-0.50000	0.0	0.0	0.0
	59.00000	7.00000	0.00000	-6.3895	-0.50000	0.0	0.0	0.0
	60.00000	7.00000	0.00000	-5.9439	-0.50000	0.0	0.0	0.0
	-20.00000	8.00000	0.00000	-6.1718	-0.50000	0.0	0.0	0.0
	-19.00000	8.00000	0.00000	-6.6404	-0.50000	0.0	0.0	0.0
	-18.00000	8.00000	0.00000	-7.1502	-0.50000	0.0	0.0	0.0
	-17.00000	8.00000	0.00000	-7.7057	-0.50000	0.0	0.0	0.0
	-16.00000	8.00000	0.00000	-8.3120	-0.50000	0.0	0.0	0.0
	-15.00000	8.00000	0.00000	-8.9752	-0.50000	0.0	0.0	0.0
	-14.00000	8.00000	0.00000	-9.7022	-0.50000	0.0	0.0	0.0
	-13.00000	8.00000	0.00000	-10.501	-0.50000	0.0	0.0	0.0
	-12.00000	8.00000	0.00000	-11.381	-0.50000	0.0	0.0	0.0
	-11.00000	8.00000	0.00000	-12.354	-0.50000	0.0	0.0	0.0
	-10.00000	8.00000	0.00000	-13.433	-0.50000	0.0	0.0	0.0
	-9.00000	8.00000	0.00000	-14.634	-0.50000	0.0	0.0	0.0
	-8.00000	8.00000	0.00000	-15.978	-0.50000	0.0	0.0	0.0
	-7.00000	8.00000	0.00000	-17.488	-0.50000	0.0	0.0	0.0
	-6.00000	8.00000	0.00000	-19.198	-0.50000	0.0	0.0	0.0
	-5.00000	8.00000	0.00000	-21.147	-0.50000	0.0	0.0	0.0
	-4.00000	8.00000	0.00000	-23.392	-0.50000	0.0	0.0	0.0
	-3.00000	8.00000	0.00000	-26.008	-0.50000	0.0	0.0	0.0
	-2.00000	8.00000	0.00000	-29.109	-0.50000	0.0	0.0	0.0
	-1.00000	8.00000	0.00000	-32.871	-0.50000	0.0	0.0	0.0
	0.00000	8.00000	0.00000	-37.603	-0.50000	0.0	0.0	0.0
	1.00000	8.00000	0.00000	-43.963	-0.50000	0.0	0.0	0.0
	2.00000	8.00000	0.00000	-55.301	-0.50000	0.0	0.0	0.0
	3.00000	8.00000	0.00000	-66.614	-0.50000	0.0	0.0	0.0
	4.00000	8.00000	0.00000	-72.902	-0.50000	0.0	0.0	0.0
	5.00000	8.00000	0.00000	-77.517	-0.50000	0.0	0.0	0.0
	6.00000	8.00000	0.00000	-81.121	-0.50000	0.0	0.0	0.0
	7.00000	8.00000	0.00000	-84.028	-0.50000	0.0	0.0	0.0
	8.00000	8.00000	0.00000	-86.418	-0.50000	0.0	0.0	0.0
	9.00000	8.00000	0.00000	-88.407	-0.50000	0.0	0.0	0.0
	10.00000	8.00000	0.00000	-90.075	-0.50000	0.0	0.0	0.0
	11.00000	8.00000	0.00000	-91.478	-0.50000	0.0	0.0	0.0
	12.00000	8.00000	0.00000	-92.657	-0.50000	0.0	0.0	0.0
	13.00000	8.00000	0.00000	-93.644	-0.50000	0.0	0.0	0.0
	14.00000	8.00000	0.00000	-94.461	-0.50000	0.0	0.0	0.0
	15.00000	8.00000	0.00000	-95.126	-0.50000	0.0	0.0	0.0
	16.00000	8.00000	0.00000	-95.654	-0.50000	0.0	0.0	0.0
	17.00000	8.00000	0.00000	-96.053	-0.50000	0.0	0.0	0.0
	18.00000	8.00000	0.00000	-96.332	-0.50000	0.0	0.0	0.0
	19.00000	8.00000	0.00000	-96.494	-0.50000	0.0	0.0	0.0
	20.00000	8.00000	0.00000	-96.543	-0.50000	0.0	0.0	0.0
	21.00000	8.00000	0.00000	-96.478	-0.50000	0.0	0.0	0.0
	22.00000	8.00000	0.00000	-96.300	-0.50000	0.0	0.0	0.0
	23.00000	8.00000	0.00000	-96.003	-0.50000	0.0	0.0	0.0
	24.00000	8.00000	0.00000	-95.583	-0.50000	0.0	0.0	0.0
	25.00000	8.00000	0.00000	-95.032	-0.50000	0.0	0.0	0.0
	26.00000	8.00000	0.00000	-94.339	-0.50000	0.0	0.0	0.0
	27.00000	8.00000	0.00000	-93.491	-0.50000	0.0	0.0	0.0
	28.00000	8.00000	0.00000	-92.469	-0.50000	0.0	0.0	0.0
	29.00000	8.00000	0.00000	-91.249	-0.50000	0.0	0.0	0.0
	30.00000	8.00000	0.00000	-89.802	-0.50000	0.0	0.0	0.0
	31.00000	8.00000	0.00000	-88.085	-0.50000	0.0	0.0	0.0
	32.00000	8.00000	0.00000	-86.043	-0.50000	0.0	0.0	0.0
	33.00000	8.00000	0.00000	-83.598	-0.50000	0.0	0.0	0.0
	34.00000	8.00000	0.00000	-80.637	-0.50000	0.0	0.0	0.0
	35.00000	8.00000	0.00000	-76.980	-0.50000	0.0	0.0	0.0

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	39.00000	8.00000	0.00000	-43.289	-0.50000	0.0	0.0	0.0
	40.00000	8.00000	0.00000	-36.923	-0.50000	0.0	0.0	0.0
	41.00000	8.00000	0.00000	-32.198	-0.50000	0.0	0.0	0.0
	42.00000	8.00000	0.00000	-28.454	-0.50000	0.0	0.0	0.0
	43.00000	8.00000	0.00000	-25.381	-0.50000	0.0	0.0	0.0
	44.00000	8.00000	0.00000	-22.798	-0.50000	0.0	0.0	0.0
	45.00000	8.00000	0.00000	-20.590	-0.50000	0.0	0.0	0.0
	46.00000	8.00000	0.00000	-18.680	-0.50000	0.0	0.0	0.0
	47.00000	8.00000	0.00000	-17.010	-0.50000	0.0	0.0	0.0
	48.00000	8.00000	0.00000	-15.538	-0.50000	0.0	0.0	0.0
	49.00000	8.00000	0.00000	-14.231	-0.50000	0.0	0.0	0.0
	50.00000	8.00000	0.00000	-13.065	-0.50000	0.0	0.0	0.0
	51.00000	8.00000	0.00000	-12.019	-0.50000	0.0	0.0	0.0
	52.00000	8.00000	0.00000	-11.076	-0.50000	0.0	0.0	0.0
	53.00000	8.00000	0.00000	-10.223	-0.50000	0.0	0.0	0.0
	54.00000	8.00000	0.00000	-9.4498	-0.50000	0.0	0.0	0.0
	55.00000	8.00000	0.00000	-8.7458	-0.50000	0.0	0.0	0.0
	56.00000	8.00000	0.00000	-8.1034	-0.50000	0.0	0.0	0.0
	57.00000	8.00000	0.00000	-7.5160	-0.50000	0.0	0.0	0.0
	58.00000	8.00000	0.00000	-6.9777	-0.50000	0.0	0.0	0.0
	59.00000	8.00000	0.00000	-6.4834	-0.50000	0.0	0.0	0.0
	60.00000	8.00000	0.00000	-6.0288	-0.50000	0.0	0.0	0.0
	-20.00000	9.00000	0.00000	-6.2533	-0.50000	0.0	0.0	0.0
	-19.00000	9.00000	0.00000	-6.7312	-0.50000	0.0	0.0	0.0
	-18.00000	9.00000	0.00000	-7.2514	-0.50000	0.0	0.0	0.0
	-17.00000	9.00000	0.00000	-7.8188	-0.50000	0.0	0.0	0.0
	-16.00000	9.00000	0.00000	-8.4386	-0.50000	0.0	0.0	0.0
	-15.00000	9.00000	0.00000	-9.1172	-0.50000	0.0	0.0	0.0
	-14.00000	9.00000	0.00000	-9.8617	-0.50000	0.0	0.0	0.0
	-13.00000	9.00000	0.00000	-10.681	-0.50000	0.0	0.0	0.0
	-12.00000	9.00000	0.00000	-11.584	-0.50000	0.0	0.0	0.0
	-11.00000	9.00000	0.00000	-12.583	-0.50000	0.0	0.0	0.0
	-10.00000	9.00000	0.00000	-13.691	-0.50000	0.0	0.0	0.0
	-9.00000	9.00000	0.00000	-14.927	-0.50000	0.0	0.0	0.0
	-8.00000	9.00000	0.00000	-16.309	-0.50000	0.0	0.0	0.0
	-7.00000	9.00000	0.00000	-17.864	-0.50000	0.0	0.0	0.0
	-6.00000	9.00000	0.00000	-19.624	-0.50000	0.0	0.0	0.0
	-5.00000	9.00000	0.00000	-21.630	-0.50000	0.0	0.0	0.0
	-4.00000	9.00000	0.00000	-23.938	-0.50000	0.0	0.0	0.0
	-3.00000	9.00000	0.00000	-26.623	-0.50000	0.0	0.0	0.0
	-2.00000	9.00000	0.00000	-29.797	-0.50000	0.0	0.0	0.0
	-1.00000	9.00000	0.00000	-33.635	-0.50000	0.0	0.0	0.0
	0.00000	9.00000	0.00000	-38.444	-0.50000	0.0	0.0	0.0
	1.00000	9.00000	0.00000	-44.880	-0.50000	0.0	0.0	0.0
	2.00000	9.00000	0.00000	-56.288	-0.50000	0.0	0.0	0.0
	3.00000	9.00000	0.00000	-67.667	-0.50000	0.0	0.0	0.0
	4.00000	9.00000	0.00000	-74.016	-0.50000	0.0	0.0	0.0
	5.00000	9.00000	0.00000	-78.685	-0.50000	0.0	0.0	0.0
	6.00000	9.00000	0.00000	-82.337	-0.50000	0.0	0.0	0.0
	7.00000	9.00000	0.00000	-85.287	-0.50000	0.0	0.0	0.0
	8.00000	9.00000	0.00000	-87.715	-0.50000	0.0	0.0	0.0
	9.00000	9.00000	0.00000	-89.738	-0.50000	0.0	0.0	0.0
	10.00000	9.00000	0.00000	-91.435	-0.50000	0.0	0.0	0.0
	11.00000	9.00000	0.00000	-92.864	-0.50000	0.0	0.0	0.0
	12.00000	9.00000	0.00000	-94.065	-0.50000	0.0	0.0	0.0
	13.00000	9.00000	0.00000	-95.071	-0.50000	0.0	0.0	0.0
	14.00000	9.00000	0.00000	-95.904	-0.50000	0.0	0.0	0.0
	15.00000	9.00000	0.00000	-96.583	-0.50000	0.0	0.0	0.0
	16.00000	9.00000	0.00000	-97.122	-0.50000	0.0	0.0	0.0
	17.00000	9.00000	0.00000	-97.530	-0.50000	0.0	0.0	0.0
	18.00000	9.00000	0.00000	-97.815	-0.50000	0.0	0.0	0.0
	19.00000	9.00000	0.00000	-97.981	-0.50000	0.0	0.0	0.0
	20.00000	9.00000	0.00000	-98.032	-0.50000	0.0	0.0	0.0
	21.00000	9.00000	0.00000	-97.966	-0.50000	0.0	0.0	0.0
	22.00000	9.00000	0.00000	-97.784	-0.50000	0.0	0.0	0.0
	23.00000	9.00000	0.00000	-97.481	-0.50000	0.0	0.0	0.0
	24.00000	9.00000	0.00000	-97.052	-0.50000	0.0	0.0	0.0
	25.00000	9.00000	0.00000	-96.489	-0.50000	0.0	0.0	0.0
	26.00000	9.00000	0.00000	-95.781	-0.50000	0.0	0.0	0.0
	27.00000	9.00000	0.00000	-94.912	-0.50000	0.0	0.0	0.0
	28.00000	9.00000	0.00000	-93.866	-0.50000	0.0	0.0	0.0
	29.00000	9.00000	0.00000	-92.618	-0.50000	0.0	0.0	0.0
	30.00000	9.00000	0.00000	-91.136	-0.50000	0.0	0.0	0.0
	31.00000	9.00000	0.00000	-89.379	-0.50000	0.0	0.0	0.0
	32.00000	9.00000	0.00000	-87.291	-0.50000	0.0	0.0	0.0
	33.00000	9.00000	0.00000	-84.795	-0.50000	0.0	0.0	0.0
	34.00000	9.00000	0.00000	-81.775	-0.50000	0.0	0.0	0.0
	35.00000	9.00000	0.00000	-78.053	-0.50000	0.0	0.0	0.0
	36.00000	9.00000	0.00000	-73.321	-0.50000	0.0	0.0	0.0
	37.00000	9.00000	0.00000	-66.918	-0.50000	0.0	0.0	0.0
	38.00000	9.00000	0.00000	-55.499	-0.50000	0.0	0.0	0.0
	39.00000	9.00000	0.00000	-44.067	-0.50000	0.0	0.0	0.0
	40.00000	9.00000	0.00000	-37.627	-0.50000	0.0	0.0	0.0
	41.00000	9.00000	0.00000	-32.831	-0.50000	0.0	0.0	0.0
	42.00000	9.00000	0.00000	-29.021	-0.50000	0.0	0.0	0.0
	43.00000	9.00000	0.00000	-25.886	-0.50000	0.0	0.0	0.0
	44.00000	9.00000	0.00000	-23.247	-0.50000	0.0	0.0	0.0
	45.00000	9.00000	0.00000	-20.990	-0.50000	0.0	0.0	0.0
	46.00000	9.00000	0.00000	-19.035	-0.50000	0.0	0.0	0.0
	47.00000	9.00000	0.00000	-17.326	-0.50000	0.0	0.0	0.0
	48.00000	9.00000	0.00000	-15.819	-0.50000	0.0	0.0	0.0
	49.00000	9.00000	0.00000	-14.491	-0.50000	0.0	0.0	0.0
	50.00000	9.00000	0.00000	-13.288	-0.50000	0.0	0.0	0.0
	51.00000	9.00000	0.00000	-12.217	-0.50000	0.0	0.0	0.0
	52.00000	9.00000	0.00000	-11.253	-0.50000	0.0	0.0	0.0
	53.00000	9.00000	0.00000	-10.382	-0.50000	0.0	0.0	0.0
	54.00000	9.00000	0.00000	-9.5919	-0.50000	0.0	0.0	0.0
	55.00000	9.00000	0.00000	-8.8733	-0.50000	0.0	0.0	0.0
	56.00000	9.00000	0.00000	-8.2180	-0.50000	0.0	0.0	0.0
	57.00000	9.00000	0.00000	-7.6190	-0.50000	0.0	0.0	0.0
	58.00000	9.00000	0.00000	-7.0705	-0.50000	0.0	0.0	0.0
	59.00000	9.00000	0.00000	-6.5671	-0.50000	0.0	0.0	0.0
	60.00000	9.00000	0.00000	-6.1044	-0.50000	0.0	0.0	0.0
	-20.00000	10.00000	0.00000	-6.3249	-0.50000	0.0	0.0	0.0
	-19.00000	10.00000	0.00000	-6.8110	-0.50000	0.0	0.0	0.0
	-18.00000	10.00000	0.00000	-7.3406	-0.50000	0.0	0.0	0.0
	-17.00000	10.00000	0.00000	-7.9186	-0.50000	0.0	0.0	0.0
	-16.00000	10.00000	0.00000	-8.5506	-0.50000	0.0	0.0	0.0
	-15.00000	10.00000	0.00000	-9.2429	-0.50000	0.0	0.0	0.0
	-14.00000	10.00000	0.00000	-10.003	-0.50000	0.0	0.0	0.0
	-13.00000	10.00000	0.00000	-10.840	-0.50000	0.0	0.0	0.0
	-12.00000	10.00000	0.00000	-11.764	-0.50000	0.0	0.0	0.0
	-11.00000	10.00000	0.00000	-12.787	-0.50000	0.0	0.0	0.0
	-10.00000	10.00000	0.00000	-13.923	-0.50000	0.0	0.0	0.0
	-9.00000	10.00000	0.00000	-15.190	-0.50000	0.0	0.0	0.0
	-8.00000	10.00000	0.00000	-16.609	-0.50000	0.0	0.0	0.0
	-7.00000	10.00000	0.00000	-18.206	-0.50000	0.0	0.0	0.0
	-6.00000	10.00000	0.00000	-20.013	-0.50000	0.0	0.0	0.0
	-5.00000	10.00000	0.00000	-22.072	-0.50000	0.0	0.0	0.0
	-4.00000	10.00000	0.00000	-24.439	-0.50000	0.0	0.0	0.0
	-3.00000	10.00000	0.00000	-27.188	-0.50000	0.0	0.0	0.0
	-2.00000	10.00000	0.00000	-30.430	-0.50000	0.0	0.0	0.0
	-1.00000	10.00000	0.00000	-34.337	-0.50000	0.0	0.0	0.0
	0.00000	10.00000	0.00000	-39.212	-0.50000	0.0	0.0	0.0
	1.00000	10.00000	0.00000	-45.709	-0.50000	0.0	0.0	0.0
	2.00000	10.00000	0.00000	-57.170	-0.50000	0.0	0.0	0.0
	3.00000	10.00000	0.00000	-68.593	-0.50000	0.0	0.0	0.0
	4.00000	10.00000	0.00000	-74.979	-0.50000	0.0	0.0	0.0
	5.00000	10.00000	0.00000	-79.680	-0.50000	0.0	0.0	0.0
	6.00000	10.00000	0.00000	-83.361	-0.50000	0.0	0.0	0.0
	7.00000	10.00000	0.00000	-86.337	-0.50000	0.0	0.0	0.0
	8.00000	10.00000	0.00000	-88.788	-0.50000	0.0	0.0	0.0
	9.00000	10.00000	0.00000	-90.833	-0.50000	0.0	0.0	0.0
	10.00000	10.00000	0.00000	-92.550	-0.50000	0.0	0.0	0.0
	11.00000	10.00000	0.00000	-93.996	-0.50000	0.0	0.0	0.0
	12.00000	10.00000	0.00000	-95.214	-0.50000	0.0	0.0	0.0
	13.00000	10.00000	0.00000	-96.233	-0.50000	0.0	0.0	0.0
	14.00000	10.00000	0.00000	-97.079	-0.50000	0.0	0.0	0.0
	15.00000	10.00000	0.00000	-97.769	-0.50000	0.0	0.0	0.0
	16.00000	10.00000	0.00000	-98.316	-0.50000	0.0	0.0	0.0
	17.00000	10.00000	0.00000	-98.731	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	18.00000	10.00000	0.00000	-99.022	-0.50000	0.0	0.0	0.0
	19.00000	10.00000	0.00000	-99.192	-0.50000	0.0	0.0	0.0
	20.00000	10.00000	0.00000	-99.244	-0.50000	0.0	0.0	0.0
	21.00000	10.00000	0.00000	-99.178	-0.50000	0.0	0.0	0.0
	22.00000	10.00000	0.00000	-98.994	-0.50000	0.0	0.0	0.0
	23.00000	10.00000	0.00000	-98.687	-0.50000	0.0	0.0	0.0
	24.00000	10.00000	0.00000	-98.251	-0.50000	0.0	0.0	0.0
	25.00000	10.00000	0.00000	-97.678	-0.50000	0.0	0.0	0.0
	26.00000	10.00000	0.00000	-96.956	-0.50000	0.0	0.0	0.0
	27.00000	10.00000	0.00000	-96.072	-0.50000	0.0	0.0	0.0
	28.00000	10.00000	0.00000	-95.006	-0.50000	0.0	0.0	0.0
	29.00000	10.00000	0.00000	-93.734	-0.50000	0.0	0.0	0.0
	30.00000	10.00000	0.00000	-92.224	-0.50000	0.0	0.0	0.0
	31.00000	10.00000	0.00000	-90.435	-0.50000	0.0	0.0	0.0
	32.00000	10.00000	0.00000	-88.310	-0.50000	0.0	0.0	0.0
	33.00000	10.00000	0.00000	-85.771	-0.50000	0.0	0.0	0.0
	34.00000	10.00000	0.00000	-82.705	-0.50000	0.0	0.0	0.0
	35.00000	10.00000	0.00000	-78.933	-0.50000	0.0	0.0	0.0
	36.00000	10.00000	0.00000	-74.145	-0.50000	0.0	0.0	0.0
	37.00000	10.00000	0.00000	-67.685	-0.50000	0.0	0.0	0.0
	38.00000	10.00000	0.00000	-56.206	-0.50000	0.0	0.0	0.0
	39.00000	10.00000	0.00000	-44.715	-0.50000	0.0	0.0	0.0
	40.00000	10.00000	0.00000	-38.216	-0.50000	0.0	0.0	0.0
	41.00000	10.00000	0.00000	-33.364	-0.50000	0.0	0.0	0.0
	42.00000	10.00000	0.00000	-29.501	-0.50000	0.0	0.0	0.0
	43.00000	10.00000	0.00000	-26.316	-0.50000	0.0	0.0	0.0
	44.00000	10.00000	0.00000	-23.632	-0.50000	0.0	0.0	0.0
	45.00000	10.00000	0.00000	-21.333	-0.50000	0.0	0.0	0.0
	46.00000	10.00000	0.00000	-19.341	-0.50000	0.0	0.0	0.0
	47.00000	10.00000	0.00000	-17.598	-0.50000	0.0	0.0	0.0
	48.00000	10.00000	0.00000	-16.062	-0.50000	0.0	0.0	0.0
	49.00000	10.00000	0.00000	-14.698	-0.50000	0.0	0.0	0.0
	50.00000	10.00000	0.00000	-13.481	-0.50000	0.0	0.0	0.0
	51.00000	10.00000	0.00000	-12.390	-0.50000	0.0	0.0	0.0
	52.00000	10.00000	0.00000	-11.408	-0.50000	0.0	0.0	0.0
	53.00000	10.00000	0.00000	-10.520	-0.50000	0.0	0.0	0.0
	54.00000	10.00000	0.00000	-9.7160	-0.50000	0.0	0.0	0.0
	55.00000	10.00000	0.00000	-8.9846	-0.50000	0.0	0.0	0.0
	56.00000	10.00000	0.00000	-8.3180	-0.50000	0.0	0.0	0.0
	57.00000	10.00000	0.00000	-7.7091	-0.50000	0.0	0.0	0.0
	58.00000	10.00000	0.00000	-7.1516	-0.50000	0.0	0.0	0.0
	59.00000	10.00000	0.00000	-6.6403	-0.50000	0.0	0.0	0.0
	60.00000	10.00000	0.00000	-6.1705	-0.50000	0.0	0.0	0.0
	-20.00000	11.00000	0.00000	-6.3861	-0.50000	0.0	0.0	0.0
	-19.00000	11.00000	0.00000	-6.8794	-0.50000	0.0	0.0	0.0
	-18.00000	11.00000	0.00000	-7.4171	-0.50000	0.0	0.0	0.0
	-17.00000	11.00000	0.00000	-8.0044	-0.50000	0.0	0.0	0.0
	-16.00000	11.00000	0.00000	-8.6470	-0.50000	0.0	0.0	0.0
	-15.00000	11.00000	0.00000	-9.3516	-0.50000	0.0	0.0	0.0
	-14.00000	11.00000	0.00000	-10.126	-0.50000	0.0	0.0	0.0
	-13.00000	11.00000	0.00000	-10.979	-0.50000	0.0	0.0	0.0
	-12.00000	11.00000	0.00000	-11.922	-0.50000	0.0	0.0	0.0
	-11.00000	11.00000	0.00000	-12.966	-0.50000	0.0	0.0	0.0
	-10.00000	11.00000	0.00000	-14.127	-0.50000	0.0	0.0	0.0
	-9.00000	11.00000	0.00000	-15.423	-0.50000	0.0	0.0	0.0
	-8.00000	11.00000	0.00000	-16.876	-0.50000	0.0	0.0	0.0
	-7.00000	11.00000	0.00000	-18.511	-0.50000	0.0	0.0	0.0
	-6.00000	11.00000	0.00000	-20.363	-0.50000	0.0	0.0	0.0
	-5.00000	11.00000	0.00000	-22.474	-0.50000	0.0	0.0	0.0
	-4.00000	11.00000	0.00000	-24.899	-0.50000	0.0	0.0	0.0
	-3.00000	11.00000	0.00000	-27.713	-0.50000	0.0	0.0	0.0
	-2.00000	11.00000	0.00000	-31.024	-0.50000	0.0	0.0	0.0
	-1.00000	11.00000	0.00000	-34.999	-0.50000	0.0	0.0	0.0
	0.00000	11.00000	0.00000	-39.936	-0.50000	0.0	0.0	0.0
	1.00000	11.00000	0.00000	-46.482	-0.50000	0.0	0.0	0.0
	2.00000	11.00000	0.00000	-57.979	-0.50000	0.0	0.0	0.0
	3.00000	11.00000	0.00000	-69.425	-0.50000	0.0	0.0	0.0
	4.00000	11.00000	0.00000	-75.824	-0.50000	0.0	0.0	0.0
	5.00000	11.00000	0.00000	-80.534	-0.50000	0.0	0.0	0.0
	6.00000	11.00000	0.00000	-84.222	-0.50000	0.0	0.0	0.0
	7.00000	11.00000	0.00000	-87.205	-0.50000	0.0	0.0	0.0
	8.00000	11.00000	0.00000	-89.665	-0.50000	0.0	0.0	0.0
	9.00000	11.00000	0.00000	-91.719	-0.50000	0.0	0.0	0.0
	10.00000	11.00000	0.00000	-93.446	-0.50000	0.0	0.0	0.0
	11.00000	11.00000	0.00000	-94.903	-0.50000	0.0	0.0	0.0
	12.00000	11.00000	0.00000	-96.130	-0.50000	0.0	0.0	0.0
	13.00000	11.00000	0.00000	-97.158	-0.50000	0.0	0.0	0.0
	14.00000	11.00000	0.00000	-98.013	-0.50000	0.0	0.0	0.0
	15.00000	11.00000	0.00000	-98.710	-0.50000	0.0	0.0	0.0
	16.00000	11.00000	0.00000	-99.264	-0.50000	0.0	0.0	0.0
	17.00000	11.00000	0.00000	-99.685	-0.50000	0.0	0.0	0.0
	18.00000	11.00000	0.00000	-99.980	-0.50000	0.0	0.0	0.0
	19.00000	11.00000	0.00000	-100.15	-0.50000	0.0	0.0	0.0
	20.00000	11.00000	0.00000	-100.21	-0.50000	0.0	0.0	0.0
	21.00000	11.00000	0.00000	-100.14	-0.50000	0.0	0.0	0.0
	22.00000	11.00000	0.00000	-99.958	-0.50000	0.0	0.0	0.0
	23.00000	11.00000	0.00000	-99.648	-0.50000	0.0	0.0	0.0
	24.00000	11.00000	0.00000	-99.207	-0.50000	0.0	0.0	0.0
	25.00000	11.00000	0.00000	-98.627	-0.50000	0.0	0.0	0.0
	26.00000	11.00000	0.00000	-97.896	-0.50000	0.0	0.0	0.0
	27.00000	11.00000	0.00000	-97.000	-0.50000	0.0	0.0	0.0
	28.00000	11.00000	0.00000	-95.918	-0.50000	0.0	0.0	0.0
	29.00000	11.00000	0.00000	-94.628	-0.50000	0.0	0.0	0.0
	30.00000	11.00000	0.00000	-93.096	-0.50000	0.0	0.0	0.0
	31.00000	11.00000	0.00000	-91.281	-0.50000	0.0	0.0	0.0
	32.00000	11.00000	0.00000	-89.127	-0.50000	0.0	0.0	0.0
	33.00000	11.00000	0.00000	-86.556	-0.50000	0.0	0.0	0.0
	34.00000	11.00000	0.00000	-83.452	-0.50000	0.0	0.0	0.0
	35.00000	11.00000	0.00000	-79.640	-0.50000	0.0	0.0	0.0
	36.00000	11.00000	0.00000	-74.810	-0.50000	0.0	0.0	0.0
	37.00000	11.00000	0.00000	-68.305	-0.50000	0.0	0.0	0.0
	38.00000	11.00000	0.00000	-56.781	-0.50000	0.0	0.0	0.0
	39.00000	11.00000	0.00000	-45.243	-0.50000	0.0	0.0	0.0
	40.00000	11.00000	0.00000	-38.699	-0.50000	0.0	0.0	0.0
	41.00000	11.00000	0.00000	-33.803	-0.50000	0.0	0.0	0.0
	42.00000	11.00000	0.00000	-29.897	-0.50000	0.0	0.0	0.0
	43.00000	11.00000	0.00000	-26.673	-0.50000	0.0	0.0	0.0
	44.00000	11.00000	0.00000	-23.953	-0.50000	0.0	0.0	0.0
	45.00000	11.00000	0.00000	-21.621	-0.50000	0.0	0.0	0.0
	46.00000	11.00000	0.00000	-19.598	-0.50000	0.0	0.0	0.0
	47.00000	11.00000	0.00000	-17.828	-0.50000	0.0	0.0	0.0
	48.00000	11.00000	0.00000	-16.267	-0.50000	0.0	0.0	0.0
	49.00000	11.00000	0.00000	-14.881	-0.50000	0.0	0.0	0.0
	50.00000	11.00000	0.00000	-13.645	-0.50000	0.0	0.0	0.0
	51.00000	11.00000	0.00000	-12.537	-0.50000	0.0	0.0	0.0
	52.00000	11.00000	0.00000	-11.539	-0.50000	0.0	0.0	0.0
	53.00000	11.00000	0.00000	-10.638	-0.50000	0.0	0.0	0.0
	54.00000	11.00000	0.00000	-9.8213	-0.50000	0.0	0.0	0.0
	55.00000	11.00000	0.00000	-9.0792	-0.50000	0.0	0.0	0.0
	56.00000	11.00000	0.00000	-8.4030	-0.50000	0.0	0.0	0.0
	57.00000	11.00000	0.00000	-7.7855	-0.50000	0.0	0.0	0.0
	58.00000	11.00000	0.00000	-7.2205	-0.50000	0.0	0.0	0.0
	59.00000	11.00000	0.00000	-6.7025	-0.50000	0.0	0.0	0.0
	60.00000	11.00000	0.00000	-6.2267	-0.50000	0.0	0.0	0.0
	-20.00000	12.00000	0.00000	-6.4364	-0.50000	0.0	0.0	0.0
	-19.00000	12.00000	0.00000	-6.9357	-0.50000	0.0	0.0	0.0
	-18.00000	12.00000	0.00000	-7.4804	-0.50000	0.0	0.0	0.0
	-17.00000	12.00000	0.00000	-8.0756	-0.50000	0.0	0.0	0.0
	-16.00000	12.00000	0.00000	-8.7272	-0.50000	0.0	0.0	0.0
	-15.00000	12.00000	0.00000	-9.4423	-0.50000	0.0	0.0	0.0
	-14.00000	12.00000	0.00000	-10.229	-0.50000	0.0	0.0	0.0
	-13.00000	12.00000	0.00000	-11.096	-0.50000	0.0	0.0	0.0
	-12.00000	12.00000	0.00000	-12.055	-0.50000	0.0	0.0	0.0
	-11.00000	12.00000	0.00000	-13.118	-0.50000	0.0	0.0	0.0
	-10.00000	12.00000	0.00000	-14.302	-0.50000	0.0	0.0	0.0
	-9.00000	12.00000	0.00000	-15.625	-0.50000	0.0	0.0	0.0
	-8.00000	12.00000	0.00000	-17.108	-0.50000	0.0	0.0	0.0
	-7.00000	12.00000	0.00000	-18.781	-0.50000	0.0	0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-3.00000	12.00000	0.00000	-28.210	-0.50000	0.0	0.0	0.0
	-2.00000	12.00000	0.00000	-31.597	-0.50000	0.0	0.0	0.0
	-1.00000	12.00000	0.00000	-35.650	-0.50000	0.0	0.0	0.0
	0.00000	12.00000	0.00000	-40.655	-0.50000	0.0	0.0	0.0
	1.00000	12.00000	0.00000	-47.247	-0.50000	0.0	0.0	0.0
	2.00000	12.00000	0.00000	-58.760	-0.50000	0.0	0.0	0.0
	3.00000	12.00000	0.00000	-70.199	-0.50000	0.0	0.0	0.0
	4.00000	12.00000	0.00000	-76.580	-0.50000	0.0	0.0	0.0
	5.00000	12.00000	0.00000	-81.269	-0.50000	0.0	0.0	0.0
	6.00000	12.00000	0.00000	-84.940	-0.50000	0.0	0.0	0.0
	7.00000	12.00000	0.00000	-87.911	-0.50000	0.0	0.0	0.0
	8.00000	12.00000	0.00000	-90.365	-0.50000	0.0	0.0	0.0
	9.00000	12.00000	0.00000	-92.417	-0.50000	0.0	0.0	0.0
	10.00000	12.00000	0.00000	-94.144	-0.50000	0.0	0.0	0.0
	11.00000	12.00000	0.00000	-95.602	-0.50000	0.0	0.0	0.0
	12.00000	12.00000	0.00000	-96.833	-0.50000	0.0	0.0	0.0
	13.00000	12.00000	0.00000	-97.866	-0.50000	0.0	0.0	0.0
	14.00000	12.00000	0.00000	-98.725	-0.50000	0.0	0.0	0.0
	15.00000	12.00000	0.00000	-99.428	-0.50000	0.0	0.0	0.0
	16.00000	12.00000	0.00000	-99.987	-0.50000	0.0	0.0	0.0
	17.00000	12.00000	0.00000	-100.41	-0.50000	0.0	0.0	0.0
	18.00000	12.00000	0.00000	-100.71	-0.50000	0.0	0.0	0.0
	19.00000	12.00000	0.00000	-100.89	-0.50000	0.0	0.0	0.0
	20.00000	12.00000	0.00000	-100.95	-0.50000	0.0	0.0	0.0
	21.00000	12.00000	0.00000	-100.88	-0.50000	0.0	0.0	0.0
	22.00000	12.00000	0.00000	-100.70	-0.50000	0.0	0.0	0.0
	23.00000	12.00000	0.00000	-100.39	-0.50000	0.0	0.0	0.0
	24.00000	12.00000	0.00000	-99.943	-0.50000	0.0	0.0	0.0
	25.00000	12.00000	0.00000	-99.359	-0.50000	0.0	0.0	0.0
	26.00000	12.00000	0.00000	-98.622	-0.50000	0.0	0.0	0.0
	27.00000	12.00000	0.00000	-97.717	-0.50000	0.0	0.0	0.0
	28.00000	12.00000	0.00000	-96.625	-0.50000	0.0	0.0	0.0
	29.00000	12.00000	0.00000	-95.321	-0.50000	0.0	0.0	0.0
	30.00000	12.00000	0.00000	-93.773	-0.50000	0.0	0.0	0.0
	31.00000	12.00000	0.00000	-91.939	-0.50000	0.0	0.0	0.0
	32.00000	12.00000	0.00000	-89.763	-0.50000	0.0	0.0	0.0
	33.00000	12.00000	0.00000	-87.166	-0.50000	0.0	0.0	0.0
	34.00000	12.00000	0.00000	-84.035	-0.50000	0.0	0.0	0.0
	35.00000	12.00000	0.00000	-80.193	-0.50000	0.0	0.0	0.0
	36.00000	12.00000	0.00000	-75.331	-0.50000	0.0	0.0	0.0
	37.00000	12.00000	0.00000	-68.793	-0.50000	0.0	0.0	0.0
	38.00000	12.00000	0.00000	-57.234	-0.50000	0.0	0.0	0.0
	39.00000	12.00000	0.00000	-45.661	-0.50000	0.0	0.0	0.0
	40.00000	12.00000	0.00000	-39.082	-0.50000	0.0	0.0	0.0
	41.00000	12.00000	0.00000	-34.152	-0.50000	0.0	0.0	0.0
	42.00000	12.00000	0.00000	-30.214	-0.50000	0.0	0.0	0.0
	43.00000	12.00000	0.00000	-26.960	-0.50000	0.0	0.0	0.0
	44.00000	12.00000	0.00000	-24.211	-0.50000	0.0	0.0	0.0
	45.00000	12.00000	0.00000	-21.852	-0.50000	0.0	0.0	0.0
	46.00000	12.00000	0.00000	-19.806	-0.50000	0.0	0.0	0.0
	47.00000	12.00000	0.00000	-18.014	-0.50000	0.0	0.0	0.0
	48.00000	12.00000	0.00000	-16.434	-0.50000	0.0	0.0	0.0
	49.00000	12.00000	0.00000	-15.031	-0.50000	0.0	0.0	0.0
	50.00000	12.00000	0.00000	-13.779	-0.50000	0.0	0.0	0.0
	51.00000	12.00000	0.00000	-12.656	-0.50000	0.0	0.0	0.0
	52.00000	12.00000	0.00000	-11.646	-0.50000	0.0	0.0	0.0
	53.00000	12.00000	0.00000	-10.734	-0.50000	0.0	0.0	0.0
	54.00000	12.00000	0.00000	-9.9073	-0.50000	0.0	0.0	0.0
	55.00000	12.00000	0.00000	-9.1564	-0.50000	0.0	0.0	0.0
	56.00000	12.00000	0.00000	-8.4724	-0.50000	0.0	0.0	0.0
	57.00000	12.00000	0.00000	-7.8480	-0.50000	0.0	0.0	0.0
	58.00000	12.00000	0.00000	-7.2768	-0.50000	0.0	0.0	0.0
	59.00000	12.00000	0.00000	-6.7532	-0.50000	0.0	0.0	0.0
	60.00000	12.00000	0.00000	-6.2725	-0.50000	0.0	0.0	0.0
	-20.00000	13.00000	0.00000	-6.4754	-0.50000	0.0	0.0	0.0
	-19.00000	13.00000	0.00000	-6.9796	-0.50000	0.0	0.0	0.0
	-18.00000	13.00000	0.00000	-7.5298	-0.50000	0.0	0.0	0.0
	-17.00000	13.00000	0.00000	-8.1314	-0.50000	0.0	0.0	0.0
	-16.00000	13.00000	0.00000	-8.7905	-0.50000	0.0	0.0	0.0
	-15.00000	13.00000	0.00000	-9.5142	-0.50000	0.0	0.0	0.0
	-14.00000	13.00000	0.00000	-10.311	-0.50000	0.0	0.0	0.0
	-13.00000	13.00000	0.00000	-11.190	-0.50000	0.0	0.0	0.0
	-12.00000	13.00000	0.00000	-12.163	-0.50000	0.0	0.0	0.0
	-11.00000	13.00000	0.00000	-13.243	-0.50000	0.0	0.0	0.0
	-10.00000	13.00000	0.00000	-14.447	-0.50000	0.0	0.0	0.0
	-9.00000	13.00000	0.00000	-15.793	-0.50000	0.0	0.0	0.0
	-8.00000	13.00000	0.00000	-17.306	-0.50000	0.0	0.0	0.0
	-7.00000	13.00000	0.00000	-19.013	-0.50000	0.0	0.0	0.0
	-6.00000	13.00000	0.00000	-20.953	-0.50000	0.0	0.0	0.0
	-5.00000	13.00000	0.00000	-23.169	-0.50000	0.0	0.0	0.0
	-4.00000	13.00000	0.00000	-25.722	-0.50000	0.0	0.0	0.0
	-3.00000	13.00000	0.00000	-28.688	-0.50000	0.0	0.0	0.0
	-2.00000	13.00000	0.00000	-32.175	-0.50000	0.0	0.0	0.0
	-1.00000	13.00000	0.00000	-36.335	-0.50000	0.0	0.0	0.0
	0.00000	13.00000	0.00000	-41.436	-0.50000	0.0	0.0	0.0
	1.00000	13.00000	0.00000	-48.080	-0.50000	0.0	0.0	0.0
	2.00000	13.00000	0.00000	-59.583	-0.50000	0.0	0.0	0.0
	3.00000	13.00000	0.00000	-70.967	-0.50000	0.0	0.0	0.0
	4.00000	13.00000	0.00000	-77.278	-0.50000	0.0	0.0	0.0
	5.00000	13.00000	0.00000	-81.906	-0.50000	0.0	0.0	0.0
	6.00000	13.00000	0.00000	-85.531	-0.50000	0.0	0.0	0.0
	7.00000	13.00000	0.00000	-88.469	-0.50000	0.0	0.0	0.0
	8.00000	13.00000	0.00000	-90.900	-0.50000	0.0	0.0	0.0
	9.00000	13.00000	0.00000	-92.937	-0.50000	0.0	0.0	0.0
	10.00000	13.00000	0.00000	-94.655	-0.50000	0.0	0.0	0.0
	11.00000	13.00000	0.00000	-96.108	-0.50000	0.0	0.0	0.0
	12.00000	13.00000	0.00000	-97.337	-0.50000	0.0	0.0	0.0
	13.00000	13.00000	0.00000	-98.370	-0.50000	0.0	0.0	0.0
	14.00000	13.00000	0.00000	-99.231	-0.50000	0.0	0.0	0.0
	15.00000	13.00000	0.00000	-99.936	-0.50000	0.0	0.0	0.0
	16.00000	13.00000	0.00000	-100.50	-0.50000	0.0	0.0	0.0
	17.00000	13.00000	0.00000	-100.93	-0.50000	0.0	0.0	0.0
	18.00000	13.00000	0.00000	-101.23	-0.50000	0.0	0.0	0.0
	19.00000	13.00000	0.00000	-101.41	-0.50000	0.0	0.0	0.0
	20.00000	13.00000	0.00000	-101.47	-0.50000	0.0	0.0	0.0
	21.00000	13.00000	0.00000	-101.41	-0.50000	0.0	0.0	0.0
	22.00000	13.00000	0.00000	-101.23	-0.50000	0.0	0.0	0.0
	23.00000	13.00000	0.00000	-100.92	-0.50000	0.0	0.0	0.0
	24.00000	13.00000	0.00000	-100.47	-0.50000	0.0	0.0	0.0
	25.00000	13.00000	0.00000	-99.889	-0.50000	0.0	0.0	0.0
	26.00000	13.00000	0.00000	-99.149	-0.50000	0.0	0.0	0.0
	27.00000	13.00000	0.00000	-98.239	-0.50000	0.0	0.0	0.0
	28.00000	13.00000	0.00000	-97.141	-0.50000	0.0	0.0	0.0
	29.00000	13.00000	0.00000	-95.828	-0.50000	0.0	0.0	0.0
	30.00000	13.00000	0.00000	-94.269	-0.50000	0.0	0.0	0.0
	31.00000	13.00000	0.00000	-92.423	-0.50000	0.0	0.0	0.0
	32.00000	13.00000	0.00000	-90.231	-0.50000	0.0	0.0	0.0
	33.00000	13.00000	0.00000	-87.617	-0.50000	0.0	0.0	0.0
	34.00000	13.00000	0.00000	-84.467	-0.50000	0.0	0.0	0.0
	35.00000	13.00000	0.00000	-80.604	-0.50000	0.0	0.0	0.0
	36.00000	13.00000	0.00000	-75.719	-0.50000	0.0	0.0	0.0
	37.00000	13.00000	0.00000	-69.156	-0.50000	0.0	0.0	0.0
	38.00000	13.00000	0.00000	-57.572	-0.50000	0.0	0.0	0.0
	39.00000	13.00000	0.00000	-45.974	-0.50000	0.0	0.0	0.0
	40.00000	13.00000	0.00000	-39.370	-0.50000	0.0	0.0	0.0
	41.00000	13.00000	0.00000	-34.415	-0.50000	0.0	0.0	0.0
	42.00000	13.00000	0.00000	-30.454	-0.50000	0.0	0.0	0.0
	43.00000	13.00000	0.00000	-27.177	-0.50000	0.0	0.0	0.0
	44.00000	13.00000	0.00000	-24.407	-0.50000	0.0	0.0	0.0
	45.00000	13.00000	0.00000	-22.029	-0.50000	0.0	0.0	0.0
	46.00000	13.00000	0.00000	-19.965	-0.50000	0.0	0.0	0.0
	47.00000	13.00000	0.00000	-18.157	-0.50000	0.0	0.0	0.0
	48.00000	13.00000	0.00000	-16.562	-0.50000	0.0	0.0	0.0
	49.00000	13.00000	0.00000	-15.145	-0.50000	0.0	0.0	0.0
	50.00000	13.00000	0.00000	-13.881	-0.50000	0.0	0.0	0.0
	51.00000	13.00000	0.00000	-12.748	-0.50000	0.0	0.0	0.0
	52.00000	13.00000	0.00000	-11.728	-0.50000	0.0	0.0	0.0
	53.00000	13.00000	0.00000	-10.808	-0.50000	0.0	0.0	0.0
	54.00000	13.00000	0.00000	-9.9736	-0.50000	0.0	0.0	0.0
	55.00000	13.00000	0.00000	-9.2159	-0.50000	0.0	0.0	0.0
	56.00000	13.00000	0.00000	-8.5259	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	57.00000	13.00000	0.00000	-7.8962	-0.50000	0.0	0.0	0.0
	58.00000	13.00000	0.00000	-7.3202	-0.50000	0.0	0.0	0.0
	59.00000	13.00000	0.00000	-6.7923	-0.50000	0.0	0.0	0.0
	60.00000	13.00000	0.00000	-6.3078	-0.50000	0.0	0.0	0.0
	-20.00000	14.00000	0.00000	-6.5028	-0.50000	0.0	0.0	0.0
	-19.00000	14.00000	0.00000	-7.0105	-0.50000	0.0	0.0	0.0
	-18.00000	14.00000	0.00000	-7.5649	-0.50000	0.0	0.0	0.0
	-17.00000	14.00000	0.00000	-8.1714	-0.50000	0.0	0.0	0.0
	-16.00000	14.00000	0.00000	-8.8362	-0.50000	0.0	0.0	0.0
	-15.00000	14.00000	0.00000	-9.5666	-0.50000	0.0	0.0	0.0
	-14.00000	14.00000	0.00000	-10.371	-0.50000	0.0	0.0	0.0
	-13.00000	14.00000	0.00000	-11.260	-0.50000	0.0	0.0	0.0
	-12.00000	14.00000	0.00000	-12.244	-0.50000	0.0	0.0	0.0
	-11.00000	14.00000	0.00000	-13.338	-0.50000	0.0	0.0	0.0
	-10.00000	14.00000	0.00000	-14.559	-0.50000	0.0	0.0	0.0
	-9.00000	14.00000	0.00000	-15.926	-0.50000	0.0	0.0	0.0
	-8.00000	14.00000	0.00000	-17.465	-0.50000	0.0	0.0	0.0
	-7.00000	14.00000	0.00000	-19.206	-0.50000	0.0	0.0	0.0
	-6.00000	14.00000	0.00000	-21.188	-0.50000	0.0	0.0	0.0
	-5.00000	14.00000	0.00000	-23.461	-0.50000	0.0	0.0	0.0
	-4.00000	14.00000	0.00000	-26.089	-0.50000	0.0	0.0	0.0
	-3.00000	14.00000	0.00000	-29.158	-0.50000	0.0	0.0	0.0
	-2.00000	14.00000	0.00000	-32.784	-0.50000	0.0	0.0	0.0
	-1.00000	14.00000	0.00000	-37.126	-0.50000	0.0	0.0	0.0
	0.00000	14.00000	0.00000	-42.413	-0.50000	0.0	0.0	0.0
	1.00000	14.00000	0.00000	-49.147	-0.50000	0.0	0.0	0.0
	2.00000	14.00000	0.00000	-60.581	-0.50000	0.0	0.0	0.0
	3.00000	14.00000	0.00000	-71.801	-0.50000	0.0	0.0	0.0
	4.00000	14.00000	0.00000	-77.953	-0.50000	0.0	0.0	0.0
	5.00000	14.00000	0.00000	-82.461	-0.50000	0.0	0.0	0.0
	6.00000	14.00000	0.00000	-86.001	-0.50000	0.0	0.0	0.0
	7.00000	14.00000	0.00000	-88.883	-0.50000	0.0	0.0	0.0
	8.00000	14.00000	0.00000	-91.275	-0.50000	0.0	0.0	0.0
	9.00000	14.00000	0.00000	-93.285	-0.50000	0.0	0.0	0.0
	10.00000	14.00000	0.00000	-94.985	-0.50000	0.0	0.0	0.0
	11.00000	14.00000	0.00000	-96.427	-0.50000	0.0	0.0	0.0
	12.00000	14.00000	0.00000	-97.649	-0.50000	0.0	0.0	0.0
	13.00000	14.00000	0.00000	-98.678	-0.50000	0.0	0.0	0.0
	14.00000	14.00000	0.00000	-99.537	-0.50000	0.0	0.0	0.0
	15.00000	14.00000	0.00000	-100.24	-0.50000	0.0	0.0	0.0
	16.00000	14.00000	0.00000	-100.81	-0.50000	0.0	0.0	0.0
	17.00000	14.00000	0.00000	-101.24	-0.50000	0.0	0.0	0.0
	18.00000	14.00000	0.00000	-101.54	-0.50000	0.0	0.0	0.0
	19.00000	14.00000	0.00000	-101.73	-0.50000	0.0	0.0	0.0
	20.00000	14.00000	0.00000	-101.79	-0.50000	0.0	0.0	0.0
	21.00000	14.00000	0.00000	-101.74	-0.50000	0.0	0.0	0.0
	22.00000	14.00000	0.00000	-101.56	-0.50000	0.0	0.0	0.0
	23.00000	14.00000	0.00000	-101.25	-0.50000	0.0	0.0	0.0
	24.00000	14.00000	0.00000	-100.81	-0.50000	0.0	0.0	0.0
	25.00000	14.00000	0.00000	-100.23	-0.50000	0.0	0.0	0.0
	26.00000	14.00000	0.00000	-99.480	-0.50000	0.0	0.0	0.0
	27.00000	14.00000	0.00000	-98.578	-0.50000	0.0	0.0	0.0
	28.00000	14.00000	0.00000	-97.478	-0.50000	0.0	0.0	0.0
	29.00000	14.00000	0.00000	-96.162	-0.50000	0.0	0.0	0.0
	30.00000	14.00000	0.00000	-94.598	-0.50000	0.0	0.0	0.0
	31.00000	14.00000	0.00000	-92.744	-0.50000	0.0	0.0	0.0
	32.00000	14.00000	0.00000	-90.544	-0.50000	0.0	0.0	0.0
	33.00000	14.00000	0.00000	-87.919	-0.50000	0.0	0.0	0.0
	34.00000	14.00000	0.00000	-84.757	-0.50000	0.0	0.0	0.0
	35.00000	14.00000	0.00000	-80.880	-0.50000	0.0	0.0	0.0
	36.00000	14.00000	0.00000	-75.981	-0.50000	0.0	0.0	0.0
	37.00000	14.00000	0.00000	-69.402	-0.50000	0.0	0.0	0.0
	38.00000	14.00000	0.00000	-57.802	-0.50000	0.0	0.0	0.0
	39.00000	14.00000	0.00000	-46.188	-0.50000	0.0	0.0	0.0
	40.00000	14.00000	0.00000	-39.567	-0.50000	0.0	0.0	0.0
	41.00000	14.00000	0.00000	-34.596	-0.50000	0.0	0.0	0.0
	42.00000	14.00000	0.00000	-30.619	-0.50000	0.0	0.0	0.0
	43.00000	14.00000	0.00000	-27.327	-0.50000	0.0	0.0	0.0
	44.00000	14.00000	0.00000	-24.543	-0.50000	0.0	0.0	0.0
	45.00000	14.00000	0.00000	-22.152	-0.50000	0.0	0.0	0.0
	46.00000	14.00000	0.00000	-20.075	-0.50000	0.0	0.0	0.0
	47.00000	14.00000	0.00000	-18.256	-0.50000	0.0	0.0	0.0
	48.00000	14.00000	0.00000	-16.651	-0.50000	0.0	0.0	0.0
	49.00000	14.00000	0.00000	-15.225	-0.50000	0.0	0.0	0.0
	50.00000	14.00000	0.00000	-13.953	-0.50000	0.0	0.0	0.0
	51.00000	14.00000	0.00000	-12.812	-0.50000	0.0	0.0	0.0
	52.00000	14.00000	0.00000	-11.786	-0.50000	0.0	0.0	0.0
	53.00000	14.00000	0.00000	-10.859	-0.50000	0.0	0.0	0.0
	54.00000	14.00000	0.00000	-10.020	-0.50000	0.0	0.0	0.0
	55.00000	14.00000	0.00000	-9.2573	-0.50000	0.0	0.0	0.0
	56.00000	14.00000	0.00000	-8.5632	-0.50000	0.0	0.0	0.0
	57.00000	14.00000	0.00000	-7.9297	-0.50000	0.0	0.0	0.0
	58.00000	14.00000	0.00000	-7.3503	-0.50000	0.0	0.0	0.0
	59.00000	14.00000	0.00000	-6.8195	-0.50000	0.0	0.0	0.0
	60.00000	14.00000	0.00000	-6.3324	-0.50000	0.0	0.0	0.0
	-20.00000	15.00000	0.00000	-6.5183	-0.50000	0.0	0.0	0.0
	-19.00000	15.00000	0.00000	-7.0283	-0.50000	0.0	0.0	0.0
	-18.00000	15.00000	0.00000	-7.5854	-0.50000	0.0	0.0	0.0
	-17.00000	15.00000	0.00000	-8.1951	-0.50000	0.0	0.0	0.0
	-16.00000	15.00000	0.00000	-8.8638	-0.50000	0.0	0.0	0.0
	-15.00000	15.00000	0.00000	-9.5989	-0.50000	0.0	0.0	0.0
	-14.00000	15.00000	0.00000	-10.409	-0.50000	0.0	0.0	0.0
	-13.00000	15.00000	0.00000	-11.305	-0.50000	0.0	0.0	0.0
	-12.00000	15.00000	0.00000	-12.298	-0.50000	0.0	0.0	0.0
	-11.00000	15.00000	0.00000	-13.403	-0.50000	0.0	0.0	0.0
	-10.00000	15.00000	0.00000	-14.637	-0.50000	0.0	0.0	0.0
	-9.00000	15.00000	0.00000	-16.022	-0.50000	0.0	0.0	0.0
	-8.00000	15.00000	0.00000	-17.583	-0.50000	0.0	0.0	0.0
	-7.00000	15.00000	0.00000	-19.355	-0.50000	0.0	0.0	0.0
	-6.00000	15.00000	0.00000	-21.378	-0.50000	0.0	0.0	0.0
	-5.00000	15.00000	0.00000	-23.709	-0.50000	0.0	0.0	0.0
	-4.00000	15.00000	0.00000	-26.420	-0.50000	0.0	0.0	0.0
	-3.00000	15.00000	0.00000	-29.616	-0.50000	0.0	0.0	0.0
	-2.00000	15.00000	0.00000	-33.446	-0.50000	0.0	0.0	0.0
	-1.00000	15.00000	0.00000	-38.128	-0.50000	0.0	0.0	0.0
	0.00000	15.00000	0.00000	-43.907	-0.50000	0.0	0.0	0.0
	1.00000	15.00000	0.00000	-50.922	-0.50000	0.0	0.0	0.0
	2.00000	15.00000	0.00000	-62.079	-0.50000	0.0	0.0	0.0
	3.00000	15.00000	0.00000	-72.809	-0.50000	0.0	0.0	0.0
	4.00000	15.00000	0.00000	-78.623	-0.50000	0.0	0.0	0.0
	5.00000	15.00000	0.00000	-82.931	-0.50000	0.0	0.0	0.0
	6.00000	15.00000	0.00000	-86.349	-0.50000	0.0	0.0	0.0
	7.00000	15.00000	0.00000	-89.151	-0.50000	0.0	0.0	0.0
	8.00000	15.00000	0.00000	-91.489	-0.50000	0.0	0.0	0.0
	9.00000	15.00000	0.00000	-93.463	-0.50000	0.0	0.0	0.0
	10.00000	15.00000	0.00000	-95.137	-0.50000	0.0	0.0	0.0
	11.00000	15.00000	0.00000	-96.561	-0.50000	0.0	0.0	0.0
	12.00000	15.00000	0.00000	-97.771	-0.50000	0.0	0.0	0.0
	13.00000	15.00000	0.00000	-98.792	-0.50000	0.0	0.0	0.0
	14.00000	15.00000	0.00000	-99.647	-0.50000	0.0	0.0	0.0
	15.00000	15.00000	0.00000	-100.35	-0.50000	0.0	0.0	0.0
	16.00000	15.00000	0.00000	-100.92	-0.50000	0.0	0.0	0.0
	17.00000	15.00000	0.00000	-101.35	-0.50000	0.0	0.0	0.0
	18.00000	15.00000	0.00000	-101.66	-0.50000	0.0	0.0	0.0
	19.00000	15.00000	0.00000	-101.85	-0.50000	0.0	0.0	0.0
	20.00000	15.00000	0.00000	-101.92	-0.50000	0.0	0.0	0.0
	21.00000	15.00000	0.00000	-101.87	-0.50000	0.0	0.0	0.0
	22.00000	15.00000	0.00000	-101.70	-0.50000	0.0	0.0	0.0
	23.00000	15.00000	0.00000	-101.40	-0.50000	0.0	0.0	0.0
	24.00000	15.00000	0.00000	-100.96	-0.50000	0.0	0.0	0.0
	25.00000	15.00000	0.00000	-100.38	-0.50000	0.0	0.0	0.0
	26.00000	15.00000	0.00000	-99.648	-0.50000	0.0	0.0	0.0
	27.00000	15.00000	0.00000	-98.741	-0.50000	0.0	0.0	0.0
	28.00000	15.00000	0.00000	-97.643	-0.50000	0.0	0.0	0.0
	29.00000	15.00000	0.00000	-96.329	-0.50000	0.0	0.0	0.0
	30.00000	15.00000	0.00000	-94.765	-0.50000	0.0	0.0	0.0
	31.00000	15.00000	0.00000	-92.910	-0.50000	0.0	0.0	0.0
	32.00000	15.00000	0.00000	-90.707

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	36.00000	15.00000	0.00000	-76.123	-0.50000	0.0	0.0	0.0
	37.00000	15.00000	0.00000	-69.537	-0.50000	0.0	0.0	0.0
	38.00000	15.00000	0.00000	-57.928	-0.50000	0.0	0.0	0.0
	39.00000	15.00000	0.00000	-46.305	-0.50000	0.0	0.0	0.0
	40.00000	15.00000	0.00000	-39.676	-0.50000	0.0	0.0	0.0
	41.00000	15.00000	0.00000	-34.696	-0.50000	0.0	0.0	0.0
	42.00000	15.00000	0.00000	-30.711	-0.50000	0.0	0.0	0.0
	43.00000	15.00000	0.00000	-27.410	-0.50000	0.0	0.0	0.0
	44.00000	15.00000	0.00000	-24.618	-0.50000	0.0	0.0	0.0
	45.00000	15.00000	0.00000	-22.220	-0.50000	0.0	0.0	0.0
	46.00000	15.00000	0.00000	-20.137	-0.50000	0.0	0.0	0.0
	47.00000	15.00000	0.00000	-18.312	-0.50000	0.0	0.0	0.0
	48.00000	15.00000	0.00000	-16.700	-0.50000	0.0	0.0	0.0
	49.00000	15.00000	0.00000	-15.270	-0.50000	0.0	0.0	0.0
	50.00000	15.00000	0.00000	-13.993	-0.50000	0.0	0.0	0.0
	51.00000	15.00000	0.00000	-12.848	-0.50000	0.0	0.0	0.0
	52.00000	15.00000	0.00000	-11.818	-0.50000	0.0	0.0	0.0
	53.00000	15.00000	0.00000	-10.888	-0.50000	0.0	0.0	0.0
	54.00000	15.00000	0.00000	-10.046	-0.50000	0.0	0.0	0.0
	55.00000	15.00000	0.00000	-9.2805	-0.50000	0.0	0.0	0.0
	56.00000	15.00000	0.00000	-8.5840	-0.50000	0.0	0.0	0.0
	57.00000	15.00000	0.00000	-7.9484	-0.50000	0.0	0.0	0.0
	58.00000	15.00000	0.00000	-7.3671	-0.50000	0.0	0.0	0.0
	59.00000	15.00000	0.00000	-6.8347	-0.50000	0.0	0.0	0.0
	60.00000	15.00000	0.00000	-6.3460	-0.50000	0.0	0.0	0.0
	-20.00000	16.00000	0.00000	-6.5217	-0.50000	0.0	0.0	0.0
	-19.00000	16.00000	0.00000	-7.0326	-0.50000	0.0	0.0	0.0
	-18.00000	16.00000	0.00000	-7.5909	-0.50000	0.0	0.0	0.0
	-17.00000	16.00000	0.00000	-8.2021	-0.50000	0.0	0.0	0.0
	-16.00000	16.00000	0.00000	-8.8727	-0.50000	0.0	0.0	0.0
	-15.00000	16.00000	0.00000	-9.6104	-0.50000	0.0	0.0	0.0
	-14.00000	16.00000	0.00000	-10.424	-0.50000	0.0	0.0	0.0
	-13.00000	16.00000	0.00000	-11.324	-0.50000	0.0	0.0	0.0
	-12.00000	16.00000	0.00000	-12.322	-0.50000	0.0	0.0	0.0
	-11.00000	16.00000	0.00000	-13.435	-0.50000	0.0	0.0	0.0
	-10.00000	16.00000	0.00000	-14.679	-0.50000	0.0	0.0	0.0
	-9.00000	16.00000	0.00000	-16.077	-0.50000	0.0	0.0	0.0
	-8.00000	16.00000	0.00000	-17.658	-0.50000	0.0	0.0	0.0
	-7.00000	16.00000	0.00000	-19.455	-0.50000	0.0	0.0	0.0
	-6.00000	16.00000	0.00000	-21.516	-0.50000	0.0	0.0	0.0
	-5.00000	16.00000	0.00000	-23.902	-0.50000	0.0	0.0	0.0
	-4.00000	16.00000	0.00000	-26.699	-0.50000	0.0	0.0	0.0
	-3.00000	16.00000	0.00000	-30.037	-0.50000	0.0	0.0	0.0
	-2.00000	16.00000	0.00000	-34.127	-0.50000	0.0	0.0	0.0
	-1.00000	16.00000	0.00000	-39.389	-0.50000	0.0	0.0	0.0
	0.00000	16.00000	0.00000	-47.647	-0.50000	0.0	0.0	0.0
	1.00000	16.00000	0.00000	-56.729	-0.50000	0.0	0.0	0.0
	2.00000	16.00000	0.00000	-65.803	-0.50000	0.0	0.0	0.0
	3.00000	16.00000	0.00000	-74.038	-0.50000	0.0	0.0	0.0
	4.00000	16.00000	0.00000	-79.260	-0.50000	0.0	0.0	0.0
	5.00000	16.00000	0.00000	-83.294	-0.50000	0.0	0.0	0.0
	6.00000	16.00000	0.00000	-86.557	-0.50000	0.0	0.0	0.0
	7.00000	16.00000	0.00000	-89.262	-0.50000	0.0	0.0	0.0
	8.00000	16.00000	0.00000	-91.536	-0.50000	0.0	0.0	0.0
	9.00000	16.00000	0.00000	-93.464	-0.50000	0.0	0.0	0.0
	10.00000	16.00000	0.00000	-95.107	-0.50000	0.0	0.0	0.0
	11.00000	16.00000	0.00000	-96.508	-0.50000	0.0	0.0	0.0
	12.00000	16.00000	0.00000	-97.701	-0.50000	0.0	0.0	0.0
	13.00000	16.00000	0.00000	-98.712	-0.50000	0.0	0.0	0.0
	14.00000	16.00000	0.00000	-99.560	-0.50000	0.0	0.0	0.0
	15.00000	16.00000	0.00000	-100.26	-0.50000	0.0	0.0	0.0
	16.00000	16.00000	0.00000	-100.82	-0.50000	0.0	0.0	0.0
	17.00000	16.00000	0.00000	-101.26	-0.50000	0.0	0.0	0.0
	18.00000	16.00000	0.00000	-101.58	-0.50000	0.0	0.0	0.0
	19.00000	16.00000	0.00000	-101.77	-0.50000	0.0	0.0	0.0
	20.00000	16.00000	0.00000	-101.85	-0.50000	0.0	0.0	0.0
	21.00000	16.00000	0.00000	-101.81	-0.50000	0.0	0.0	0.0
	22.00000	16.00000	0.00000	-101.64	-0.50000	0.0	0.0	0.0
	23.00000	16.00000	0.00000	-101.35	-0.50000	0.0	0.0	0.0
	24.00000	16.00000	0.00000	-100.93	-0.50000	0.0	0.0	0.0
	25.00000	16.00000	0.00000	-100.36	-0.50000	0.0	0.0	0.0
	26.00000	16.00000	0.00000	-99.631	-0.50000	0.0	0.0	0.0
	27.00000	16.00000	0.00000	-98.732	-0.50000	0.0	0.0	0.0
	28.00000	16.00000	0.00000	-97.642	-0.50000	0.0	0.0	0.0
	29.00000	16.00000	0.00000	-96.333	-0.50000	0.0	0.0	0.0
	30.00000	16.00000	0.00000	-94.775	-0.50000	0.0	0.0	0.0
	31.00000	16.00000	0.00000	-92.925	-0.50000	0.0	0.0	0.0
	32.00000	16.00000	0.00000	-90.726	-0.50000	0.0	0.0	0.0
	33.00000	16.00000	0.00000	-88.100	-0.50000	0.0	0.0	0.0
	34.00000	16.00000	0.00000	-84.935	-0.50000	0.0	0.0	0.0
	35.00000	16.00000	0.00000	-81.053	-0.50000	0.0	0.0	0.0
	36.00000	16.00000	0.00000	-76.147	-0.50000	0.0	0.0	0.0
	37.00000	16.00000	0.00000	-69.561	-0.50000	0.0	0.0	0.0
	38.00000	16.00000	0.00000	-57.953	-0.50000	0.0	0.0	0.0
	39.00000	16.00000	0.00000	-46.329	-0.50000	0.0	0.0	0.0
	40.00000	16.00000	0.00000	-39.698	-0.50000	0.0	0.0	0.0
	41.00000	16.00000	0.00000	-34.717	-0.50000	0.0	0.0	0.0
	42.00000	16.00000	0.00000	-30.730	-0.50000	0.0	0.0	0.0
	43.00000	16.00000	0.00000	-27.428	-0.50000	0.0	0.0	0.0
	44.00000	16.00000	0.00000	-24.635	-0.50000	0.0	0.0	0.0
	45.00000	16.00000	0.00000	-22.235	-0.50000	0.0	0.0	0.0
	46.00000	16.00000	0.00000	-20.150	-0.50000	0.0	0.0	0.0
	47.00000	16.00000	0.00000	-18.324	-0.50000	0.0	0.0	0.0
	48.00000	16.00000	0.00000	-16.711	-0.50000	0.0	0.0	0.0
	49.00000	16.00000	0.00000	-15.279	-0.50000	0.0	0.0	0.0
	50.00000	16.00000	0.00000	-14.001	-0.50000	0.0	0.0	0.0
	51.00000	16.00000	0.00000	-12.856	-0.50000	0.0	0.0	0.0
	52.00000	16.00000	0.00000	-11.825	-0.50000	0.0	0.0	0.0
	53.00000	16.00000	0.00000	-10.894	-0.50000	0.0	0.0	0.0
	54.00000	16.00000	0.00000	-10.051	-0.50000	0.0	0.0	0.0
	55.00000	16.00000	0.00000	-9.2853	-0.50000	0.0	0.0	0.0
	56.00000	16.00000	0.00000	-8.5882	-0.50000	0.0	0.0	0.0
	57.00000	16.00000	0.00000	-7.9521	-0.50000	0.0	0.0	0.0
	58.00000	16.00000	0.00000	-7.3705	-0.50000	0.0	0.0	0.0
	59.00000	16.00000	0.00000	-6.8377	-0.50000	0.0	0.0	0.0
	60.00000	16.00000	0.00000	-6.3487	-0.50000	0.0	0.0	0.0
	-20.00000	17.00000	0.00000	-6.5129	-0.50000	0.0	0.0	0.0
	-19.00000	17.00000	0.00000	-7.0234	-0.50000	0.0	0.0	0.0
	-18.00000	17.00000	0.00000	-7.5813	-0.50000	0.0	0.0	0.0
	-17.00000	17.00000	0.00000	-8.1922	-0.50000	0.0	0.0	0.0
	-16.00000	17.00000	0.00000	-8.8628	-0.50000	0.0	0.0	0.0
	-15.00000	17.00000	0.00000	-9.6007	-0.50000	0.0	0.0	0.0
	-14.00000	17.00000	0.00000	-10.415	-0.50000	0.0	0.0	0.0
	-13.00000	17.00000	0.00000	-11.316	-0.50000	0.0	0.0	0.0
	-12.00000	17.00000	0.00000	-12.317	-0.50000	0.0	0.0	0.0
	-11.00000	17.00000	0.00000	-13.433	-0.50000	0.0	0.0	0.0
	-10.00000	17.00000	0.00000	-14.683	-0.50000	0.0	0.0	0.0
	-9.00000	17.00000	0.00000	-16.090	-0.50000	0.0	0.0	0.0
	-8.00000	17.00000	0.00000	-17.684	-0.50000	0.0	0.0	0.0
	-7.00000	17.00000	0.00000	-19.502	-0.50000	0.0	0.0	0.0
	-6.00000	17.00000	0.00000	-21.594	-0.50000	0.0	0.0	0.0
	-5.00000	17.00000	0.00000	-24.028	-0.50000	0.0	0.0	0.0
	-4.00000	17.00000	0.00000	-26.903	-0.50000	0.0	0.0	0.0
	-3.00000	17.00000	0.00000	-30.374	-0.50000	0.0	0.0	0.0
	-2.00000	17.00000	0.00000	-34.715	-0.50000	0.0	0.0	0.0
	-1.00000	17.00000	0.00000	-40.546	-0.50000	0.0	0.0	0.0
	0.00000	17.00000	0.00000	-51.274	-0.50000	0.0	0.0	0.0
	1.00000	17.00000	0.00000	-62.414	-0.50000	0.0	0.0	0.0
	2.00000	17.00000	0.00000	-69.395	-0.50000	0.0	0.0	0.0
	3.00000	17.00000	0.00000	-75.126	-0.50000	0.0	0.0	0.0
	4.00000	17.00000	0.00000	-79.745	-0.50000	0.0	0.0	0.0
	5.00000	17.00000	0.00000	-83.497	-0.50000	0.0	0.0	0.0
	6.00000	17.00000	0.00000	-86.599	-0.50000	0.0	0.0	0.0
	7.00000	17.00000	0.00000	-89.200	-0.50000	0.0	0.0	0.0
	8.00000	17.00000	0.00000	-91.403	-0.50000	0.0	0.0	0.0
	9.00000	17.00000	0.00000	-93.280	-0.50000	0.0	0.0	0.0
	10.00000	17.00000	0.00000	-94.886	-0.50000	0.0	0.0	0.0
	11.00000	17.00000	0.00000	-96.260	-0.50000	0.0	0.0	0.0
	12.00000	17.00000	0.00000	-97.434	-0.50000	0.0	0.0	0.0
	13.00000	17.00000	0.00000	-98.432	-0.50000	0.0	0.0	0.0
	14.00000	17.00000	0.00000	-99.271	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	15.00000	17.00000	0.00000	-99.968	-0.50000	0.0	0.0	0.0
	16.00000	17.00000	0.00000	-100.53	-0.50000	0.0	0.0	0.0
	17.00000	17.00000	0.00000	-100.97	-0.50000	0.0	0.0	0.0
	18.00000	17.00000	0.00000	-101.29	-0.50000	0.0	0.0	0.0
	19.00000	17.00000	0.00000	-101.49	-0.50000	0.0	0.0	0.0
	20.00000	17.00000	0.00000	-101.58	-0.50000	0.0	0.0	0.0
	21.00000	17.00000	0.00000	-101.55	-0.50000	0.0	0.0	0.0
	22.00000	17.00000	0.00000	-101.40	-0.50000	0.0	0.0	0.0
	23.00000	17.00000	0.00000	-101.12	-0.50000	0.0	0.0	0.0
	24.00000	17.00000	0.00000	-100.71	-0.50000	0.0	0.0	0.0
	25.00000	17.00000	0.00000	-100.15	-0.50000	0.0	0.0	0.0
	26.00000	17.00000	0.00000	-99.438	-0.50000	0.0	0.0	0.0
	27.00000	17.00000	0.00000	-98.552	-0.50000	0.0	0.0	0.0
	28.00000	17.00000	0.00000	-97.474	-0.50000	0.0	0.0	0.0
	29.00000	17.00000	0.00000	-96.177	-0.50000	0.0	0.0	0.0
	30.00000	17.00000	0.00000	-94.630	-0.50000	0.0	0.0	0.0
	31.00000	17.00000	0.00000	-92.790	-0.50000	0.0	0.0	0.0
	32.00000	17.00000	0.00000	-90.600	-0.50000	0.0	0.0	0.0
	33.00000	17.00000	0.00000	-87.984	-0.50000	0.0	0.0	0.0
	34.00000	17.00000	0.00000	-84.828	-0.50000	0.0	0.0	0.0
	35.00000	17.00000	0.00000	-80.954	-0.50000	0.0	0.0	0.0
	36.00000	17.00000	0.00000	-76.056	-0.50000	0.0	0.0	0.0
	37.00000	17.00000	0.00000	-69.478	-0.50000	0.0	0.0	0.0
	38.00000	17.00000	0.00000	-57.876	-0.50000	0.0	0.0	0.0
	39.00000	17.00000	0.00000	-46.259	-0.50000	0.0	0.0	0.0
	40.00000	17.00000	0.00000	-39.634	-0.50000	0.0	0.0	0.0
	41.00000	17.00000	0.00000	-34.659	-0.50000	0.0	0.0	0.0
	42.00000	17.00000	0.00000	-30.677	-0.50000	0.0	0.0	0.0
	43.00000	17.00000	0.00000	-27.381	-0.50000	0.0	0.0	0.0
	44.00000	17.00000	0.00000	-24.592	-0.50000	0.0	0.0	0.0
	45.00000	17.00000	0.00000	-22.196	-0.50000	0.0	0.0	0.0
	46.00000	17.00000	0.00000	-20.115	-0.50000	0.0	0.0	0.0
	47.00000	17.00000	0.00000	-18.292	-0.50000	0.0	0.0	0.0
	48.00000	17.00000	0.00000	-16.683	-0.50000	0.0	0.0	0.0
	49.00000	17.00000	0.00000	-15.254	-0.50000	0.0	0.0	0.0
	50.00000	17.00000	0.00000	-13.978	-0.50000	0.0	0.0	0.0
	51.00000	17.00000	0.00000	-12.835	-0.50000	0.0	0.0	0.0
	52.00000	17.00000	0.00000	-11.806	-0.50000	0.0	0.0	0.0
	53.00000	17.00000	0.00000	-10.877	-0.50000	0.0	0.0	0.0
	54.00000	17.00000	0.00000	-10.036	-0.50000	0.0	0.0	0.0
	55.00000	17.00000	0.00000	-9.2716	-0.50000	0.0	0.0	0.0
	56.00000	17.00000	0.00000	-8.5759	-0.50000	0.0	0.0	0.0
	57.00000	17.00000	0.00000	-7.9410	-0.50000	0.0	0.0	0.0
	58.00000	17.00000	0.00000	-7.3604	-0.50000	0.0	0.0	0.0
	59.00000	17.00000	0.00000	-6.8285	-0.50000	0.0	0.0	0.0
	60.00000	17.00000	0.00000	-6.3404	-0.50000	0.0	0.0	0.0
	-20.00000	18.00000	0.00000	-6.4918	-0.50000	0.0	0.0	0.0
	-19.00000	18.00000	0.00000	-7.0004	-0.50000	0.0	0.0	0.0
	-18.00000	18.00000	0.00000	-7.5563	-0.50000	0.0	0.0	0.0
	-17.00000	18.00000	0.00000	-8.1652	-0.50000	0.0	0.0	0.0
	-16.00000	18.00000	0.00000	-8.8337	-0.50000	0.0	0.0	0.0
	-15.00000	18.00000	0.00000	-9.5694	-0.50000	0.0	0.0	0.0
	-14.00000	18.00000	0.00000	-10.382	-0.50000	0.0	0.0	0.0
	-13.00000	18.00000	0.00000	-11.281	-0.50000	0.0	0.0	0.0
	-12.00000	18.00000	0.00000	-12.281	-0.50000	0.0	0.0	0.0
	-11.00000	18.00000	0.00000	-13.396	-0.50000	0.0	0.0	0.0
	-10.00000	18.00000	0.00000	-14.647	-0.50000	0.0	0.0	0.0
	-9.00000	18.00000	0.00000	-16.058	-0.50000	0.0	0.0	0.0
	-8.00000	18.00000	0.00000	-17.658	-0.50000	0.0	0.0	0.0
	-7.00000	18.00000	0.00000	-19.488	-0.50000	0.0	0.0	0.0
	-6.00000	18.00000	0.00000	-21.601	-0.50000	0.0	0.0	0.0
	-5.00000	18.00000	0.00000	-24.071	-0.50000	0.0	0.0	0.0
	-4.00000	18.00000	0.00000	-27.005	-0.50000	0.0	0.0	0.0
	-3.00000	18.00000	0.00000	-30.577	-0.50000	0.0	0.0	0.0
	-2.00000	18.00000	0.00000	-35.094	-0.50000	0.0	0.0	0.0
	-1.00000	18.00000	0.00000	-41.236	-0.50000	0.0	0.0	0.0
	0.00000	18.00000	0.00000	-52.428	-0.50000	0.0	0.0	0.0
	1.00000	18.00000	0.00000	-63.818	-0.50000	0.0	0.0	0.0
	2.00000	18.00000	0.00000	-70.493	-0.50000	0.0	0.0	0.0
	3.00000	18.00000	0.00000	-75.705	-0.50000	0.0	0.0	0.0
	4.00000	18.00000	0.00000	-79.960	-0.50000	0.0	0.0	0.0
	5.00000	18.00000	0.00000	-83.486	-0.50000	0.0	0.0	0.0
	6.00000	18.00000	0.00000	-86.441	-0.50000	0.0	0.0	0.0
	7.00000	18.00000	0.00000	-88.942	-0.50000	0.0	0.0	0.0
	8.00000	18.00000	0.00000	-91.072	-0.50000	0.0	0.0	0.0
	9.00000	18.00000	0.00000	-92.896	-0.50000	0.0	0.0	0.0
	10.00000	18.00000	0.00000	-94.461	-0.50000	0.0	0.0	0.0
	11.00000	18.00000	0.00000	-95.806	-0.50000	0.0	0.0	0.0
	12.00000	18.00000	0.00000	-96.958	-0.50000	0.0	0.0	0.0
	13.00000	18.00000	0.00000	-97.940	-0.50000	0.0	0.0	0.0
	14.00000	18.00000	0.00000	-98.770	-0.50000	0.0	0.0	0.0
	15.00000	18.00000	0.00000	-99.462	-0.50000	0.0	0.0	0.0
	16.00000	18.00000	0.00000	-100.02	-0.50000	0.0	0.0	0.0
	17.00000	18.00000	0.00000	-100.47	-0.50000	0.0	0.0	0.0
	18.00000	18.00000	0.00000	-100.79	-0.50000	0.0	0.0	0.0
	19.00000	18.00000	0.00000	-101.01	-0.50000	0.0	0.0	0.0
	20.00000	18.00000	0.00000	-101.10	-0.50000	0.0	0.0	0.0
	21.00000	18.00000	0.00000	-101.09	-0.50000	0.0	0.0	0.0
	22.00000	18.00000	0.00000	-100.95	-0.50000	0.0	0.0	0.0
	23.00000	18.00000	0.00000	-100.69	-0.50000	0.0	0.0	0.0
	24.00000	18.00000	0.00000	-100.30	-0.50000	0.0	0.0	0.0
	25.00000	18.00000	0.00000	-99.760	-0.50000	0.0	0.0	0.0
	26.00000	18.00000	0.00000	-99.066	-0.50000	0.0	0.0	0.0
	27.00000	18.00000	0.00000	-98.198	-0.50000	0.0	0.0	0.0
	28.00000	18.00000	0.00000	-97.137	-0.50000	0.0	0.0	0.0
	29.00000	18.00000	0.00000	-95.858	-0.50000	0.0	0.0	0.0
	30.00000	18.00000	0.00000	-94.327	-0.50000	0.0	0.0	0.0
	31.00000	18.00000	0.00000	-92.504	-0.50000	0.0	0.0	0.0
	32.00000	18.00000	0.00000	-90.331	-0.50000	0.0	0.0	0.0
	33.00000	18.00000	0.00000	-87.730	-0.50000	0.0	0.0	0.0
	34.00000	18.00000	0.00000	-84.589	-0.50000	0.0	0.0	0.0
	35.00000	18.00000	0.00000	-80.731	-0.50000	0.0	0.0	0.0
	36.00000	18.00000	0.00000	-75.848	-0.50000	0.0	0.0	0.0
	37.00000	18.00000	0.00000	-69.285	-0.50000	0.0	0.0	0.0
	38.00000	18.00000	0.00000	-57.698	-0.50000	0.0	0.0	0.0
	39.00000	18.00000	0.00000	-46.095	-0.50000	0.0	0.0	0.0
	40.00000	18.00000	0.00000	-39.484	-0.50000	0.0	0.0	0.0
	41.00000	18.00000	0.00000	-34.522	-0.50000	0.0	0.0	0.0
	42.00000	18.00000	0.00000	-30.552	-0.50000	0.0	0.0	0.0
	43.00000	18.00000	0.00000	-27.267	-0.50000	0.0	0.0	0.0
	44.00000	18.00000	0.00000	-24.489	-0.50000	0.0	0.0	0.0
	45.00000	18.00000	0.00000	-22.104	-0.50000	0.0	0.0	0.0
	46.00000	18.00000	0.00000	-20.032	-0.50000	0.0	0.0	0.0
	47.00000	18.00000	0.00000	-18.217	-0.50000	0.0	0.0	0.0
	48.00000	18.00000	0.00000	-16.615	-0.50000	0.0	0.0	0.0
	49.00000	18.00000	0.00000	-15.193	-0.50000	0.0	0.0	0.0
	50.00000	18.00000	0.00000	-13.924	-0.50000	0.0	0.0	0.0
	51.00000	18.00000	0.00000	-12.786	-0.50000	0.0	0.0	0.0
	52.00000	18.00000	0.00000	-11.762	-0.50000	0.0	0.0	0.0
	53.00000	18.00000	0.00000	-10.838	-0.50000	0.0	0.0	0.0
	54.00000	18.00000	0.00000	-10.000	-0.50000	0.0	0.0	0.0
	55.00000	18.00000	0.00000	-9.2396	-0.50000	0.0	0.0	0.0
	56.00000	18.00000	0.00000	-8.5470	-0.50000	0.0	0.0	0.0
	57.00000	18.00000	0.00000	-7.9149	-0.50000	0.0	0.0	0.0
	58.00000	18.00000	0.00000	-7.3369	-0.50000	0.0	0.0	0.0
	59.00000	18.00000	0.00000	-6.8073	-0.50000	0.0	0.0	0.0
	60.00000	18.00000	0.00000	-6.3211	-0.50000	0.0	0.0	0.0
	-20.00000	19.00000	0.00000	-6.4584	-0.50000	0.0	0.0	0.0
	-19.00000	19.00000	0.00000	-6.9638	-0.50000	0.0	0.0	0.0
	-18.00000	19.00000	0.00000	-7.5161	-0.50000	0.0	0.0	0.0
	-17.00000	19.00000	0.00000	-8.1211	-0.50000	0.0	0.0	0.0
	-16.00000	19.00000	0.00000	-8.7853	-0.50000	0.0	0.0	0.0
	-15.00000	19.00000	0.00000	-9.5165	-0.50000	0.0	0.0	0.0
	-14.00000	19.00000	0.00000	-10.324	-0.50000	0.0	0.0	0.0
	-13.00000	19.00000	0.00000	-11.218	-0.50000	0.0	0.0	0.0
	-12.00000	19.00000	0.00000	-12.213	-0.50000	0.0	0.0	0.0
	-11.00000	19.00000	0.00000	-13.324	-0.50000	0.0	0.0	0.0
	-10.00000	19.00000	0.00000	-14.570	-0.50000	0.0	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-6.00000	19.00000	0.00000	-21.532	-0.50000	0.0	0.0	0.0
	-5.00000	19.00000	0.00000	-24.020	-0.50000	0.0	0.0	0.0
	-4.00000	19.00000	0.00000	-26.989	-0.50000	0.0	0.0	0.0
	-3.00000	19.00000	0.00000	-30.619	-0.50000	0.0	0.0	0.0
	-2.00000	19.00000	0.00000	-35.229	-0.50000	0.0	0.0	0.0
	-1.00000	19.00000	0.00000	-41.503	-0.50000	0.0	0.0	0.0
	0.00000	19.00000	0.00000	-52.829	-0.50000	0.0	0.0	0.0
	1.00000	19.00000	0.00000	-64.259	-0.50000	0.0	0.0	0.0
	2.00000	19.00000	0.00000	-70.815	-0.50000	0.0	0.0	0.0
	3.00000	19.00000	0.00000	-75.814	-0.50000	0.0	0.0	0.0
	4.00000	19.00000	0.00000	-79.862	-0.50000	0.0	0.0	0.0
	5.00000	19.00000	0.00000	-83.225	-0.50000	0.0	0.0	0.0
	6.00000	19.00000	0.00000	-86.057	-0.50000	0.0	0.0	0.0
	7.00000	19.00000	0.00000	-88.464	-0.50000	0.0	0.0	0.0
	8.00000	19.00000	0.00000	-90.523	-0.50000	0.0	0.0	0.0
	9.00000	19.00000	0.00000	-92.292	-0.50000	0.0	0.0	0.0
	10.00000	19.00000	0.00000	-93.816	-0.50000	0.0	0.0	0.0
	11.00000	19.00000	0.00000	-95.129	-0.50000	0.0	0.0	0.0
	12.00000	19.00000	0.00000	-96.257	-0.50000	0.0	0.0	0.0
	13.00000	19.00000	0.00000	-97.223	-0.50000	0.0	0.0	0.0
	14.00000	19.00000	0.00000	-98.042	-0.50000	0.0	0.0	0.0
	15.00000	19.00000	0.00000	-98.728	-0.50000	0.0	0.0	0.0
	16.00000	19.00000	0.00000	-99.291	-0.50000	0.0	0.0	0.0
	17.00000	19.00000	0.00000	-99.738	-0.50000	0.0	0.0	0.0
	18.00000	19.00000	0.00000	-100.07	-0.50000	0.0	0.0	0.0
	19.00000	19.00000	0.00000	-100.30	-0.50000	0.0	0.0	0.0
	20.00000	19.00000	0.00000	-100.41	-0.50000	0.0	0.0	0.0
	21.00000	19.00000	0.00000	-100.42	-0.50000	0.0	0.0	0.0
	22.00000	19.00000	0.00000	-100.30	-0.50000	0.0	0.0	0.0
	23.00000	19.00000	0.00000	-100.06	-0.50000	0.0	0.0	0.0
	24.00000	19.00000	0.00000	-99.693	-0.50000	0.0	0.0	0.0
	25.00000	19.00000	0.00000	-99.179	-0.50000	0.0	0.0	0.0
	26.00000	19.00000	0.00000	-98.509	-0.50000	0.0	0.0	0.0
	27.00000	19.00000	0.00000	-97.665	-0.50000	0.0	0.0	0.0
	28.00000	19.00000	0.00000	-96.628	-0.50000	0.0	0.0	0.0
	29.00000	19.00000	0.00000	-95.371	-0.50000	0.0	0.0	0.0
	30.00000	19.00000	0.00000	-93.863	-0.50000	0.0	0.0	0.0
	31.00000	19.00000	0.00000	-92.062	-0.50000	0.0	0.0	0.0
	32.00000	19.00000	0.00000	-89.912	-0.50000	0.0	0.0	0.0
	33.00000	19.00000	0.00000	-87.334	-0.50000	0.0	0.0	0.0
	34.00000	19.00000	0.00000	-84.216	-0.50000	0.0	0.0	0.0
	35.00000	19.00000	0.00000	-80.381	-0.50000	0.0	0.0	0.0
	36.00000	19.00000	0.00000	-75.521	-0.50000	0.0	0.0	0.0
	37.00000	19.00000	0.00000	-68.980	-0.50000	0.0	0.0	0.0
	38.00000	19.00000	0.00000	-57.416	-0.50000	0.0	0.0	0.0
	39.00000	19.00000	0.00000	-45.835	-0.50000	0.0	0.0	0.0
	40.00000	19.00000	0.00000	-39.246	-0.50000	0.0	0.0	0.0
	41.00000	19.00000	0.00000	-34.304	-0.50000	0.0	0.0	0.0
	42.00000	19.00000	0.00000	-30.355	-0.50000	0.0	0.0	0.0
	43.00000	19.00000	0.00000	-27.088	-0.50000	0.0	0.0	0.0
	44.00000	19.00000	0.00000	-24.327	-0.50000	0.0	0.0	0.0
	45.00000	19.00000	0.00000	-21.958	-0.50000	0.0	0.0	0.0
	46.00000	19.00000	0.00000	-19.901	-0.50000	0.0	0.0	0.0
	47.00000	19.00000	0.00000	-18.099	-0.50000	0.0	0.0	0.0
	48.00000	19.00000	0.00000	-16.509	-0.50000	0.0	0.0	0.0
	49.00000	19.00000	0.00000	-15.098	-0.50000	0.0	0.0	0.0
	50.00000	19.00000	0.00000	-13.838	-0.50000	0.0	0.0	0.0
	51.00000	19.00000	0.00000	-12.709	-0.50000	0.0	0.0	0.0
	52.00000	19.00000	0.00000	-11.693	-0.50000	0.0	0.0	0.0
	53.00000	19.00000	0.00000	-10.776	-0.50000	0.0	0.0	0.0
	54.00000	19.00000	0.00000	-9.9445	-0.50000	0.0	0.0	0.0
	55.00000	19.00000	0.00000	-9.1894	-0.50000	0.0	0.0	0.0
	56.00000	19.00000	0.00000	-8.5018	-0.50000	0.0	0.0	0.0
	57.00000	19.00000	0.00000	-7.8742	-0.50000	0.0	0.0	0.0
	58.00000	19.00000	0.00000	-7.3001	-0.50000	0.0	0.0	0.0
	59.00000	19.00000	0.00000	-6.7740	-0.50000	0.0	0.0	0.0
	60.00000	19.00000	0.00000	-6.2911	-0.50000	0.0	0.0	0.0
	-20.00000	20.00000	0.00000	-6.4130	-0.50000	0.0	0.0	0.0
	-19.00000	20.00000	0.00000	-6.9137	-0.50000	0.0	0.0	0.0
	-18.00000	20.00000	0.00000	-7.4608	-0.50000	0.0	0.0	0.0
	-17.00000	20.00000	0.00000	-8.0600	-0.50000	0.0	0.0	0.0
	-16.00000	20.00000	0.00000	-8.7178	-0.50000	0.0	0.0	0.0
	-15.00000	20.00000	0.00000	-9.4420	-0.50000	0.0	0.0	0.0
	-14.00000	20.00000	0.00000	-10.242	-0.50000	0.0	0.0	0.0
	-13.00000	20.00000	0.00000	-11.128	-0.50000	0.0	0.0	0.0
	-12.00000	20.00000	0.00000	-12.113	-0.50000	0.0	0.0	0.0
	-11.00000	20.00000	0.00000	-13.214	-0.50000	0.0	0.0	0.0
	-10.00000	20.00000	0.00000	-14.451	-0.50000	0.0	0.0	0.0
	-9.00000	20.00000	0.00000	-15.848	-0.50000	0.0	0.0	0.0
	-8.00000	20.00000	0.00000	-17.438	-0.50000	0.0	0.0	0.0
	-7.00000	20.00000	0.00000	-19.263	-0.50000	0.0	0.0	0.0
	-6.00000	20.00000	0.00000	-21.380	-0.50000	0.0	0.0	0.0
	-5.00000	20.00000	0.00000	-23.868	-0.50000	0.0	0.0	0.0
	-4.00000	20.00000	0.00000	-26.844	-0.50000	0.0	0.0	0.0
	-3.00000	20.00000	0.00000	-30.493	-0.50000	0.0	0.0	0.0
	-2.00000	20.00000	0.00000	-35.134	-0.50000	0.0	0.0	0.0
	-1.00000	20.00000	0.00000	-41.443	-0.50000	0.0	0.0	0.0
	0.00000	20.00000	0.00000	-52.792	-0.50000	0.0	0.0	0.0
	1.00000	20.00000	0.00000	-64.198	-0.50000	0.0	0.0	0.0
	2.00000	20.00000	0.00000	-70.669	-0.50000	0.0	0.0	0.0
	3.00000	20.00000	0.00000	-75.542	-0.50000	0.0	0.0	0.0
	4.00000	20.00000	0.00000	-79.454	-0.50000	0.0	0.0	0.0
	5.00000	20.00000	0.00000	-82.693	-0.50000	0.0	0.0	0.0
	6.00000	20.00000	0.00000	-85.420	-0.50000	0.0	0.0	0.0
	7.00000	20.00000	0.00000	-87.742	-0.50000	0.0	0.0	0.0
	8.00000	20.00000	0.00000	-89.732	-0.50000	0.0	0.0	0.0
	9.00000	20.00000	0.00000	-91.447	-0.50000	0.0	0.0	0.0
	10.00000	20.00000	0.00000	-92.927	-0.50000	0.0	0.0	0.0
	11.00000	20.00000	0.00000	-94.206	-0.50000	0.0	0.0	0.0
	12.00000	20.00000	0.00000	-95.309	-0.50000	0.0	0.0	0.0
	13.00000	20.00000	0.00000	-96.257	-0.50000	0.0	0.0	0.0
	14.00000	20.00000	0.00000	-97.065	-0.50000	0.0	0.0	0.0
	15.00000	20.00000	0.00000	-97.746	-0.50000	0.0	0.0	0.0
	16.00000	20.00000	0.00000	-98.310	-0.50000	0.0	0.0	0.0
	17.00000	20.00000	0.00000	-98.764	-0.50000	0.0	0.0	0.0
	18.00000	20.00000	0.00000	-99.110	-0.50000	0.0	0.0	0.0
	19.00000	20.00000	0.00000	-99.352	-0.50000	0.0	0.0	0.0
	20.00000	20.00000	0.00000	-99.488	-0.50000	0.0	0.0	0.0
	21.00000	20.00000	0.00000	-99.515	-0.50000	0.0	0.0	0.0
	22.00000	20.00000	0.00000	-99.428	-0.50000	0.0	0.0	0.0
	23.00000	20.00000	0.00000	-99.220	-0.50000	0.0	0.0	0.0
	24.00000	20.00000	0.00000	-98.880	-0.50000	0.0	0.0	0.0
	25.00000	20.00000	0.00000	-98.397	-0.50000	0.0	0.0	0.0
	26.00000	20.00000	0.00000	-97.757	-0.50000	0.0	0.0	0.0
	27.00000	20.00000	0.00000	-96.944	-0.50000	0.0	0.0	0.0
	28.00000	20.00000	0.00000	-95.936	-0.50000	0.0	0.0	0.0
	29.00000	20.00000	0.00000	-94.709	-0.50000	0.0	0.0	0.0
	30.00000	20.00000	0.00000	-93.231	-0.50000	0.0	0.0	0.0
	31.00000	20.00000	0.00000	-91.459	-0.50000	0.0	0.0	0.0
	32.00000	20.00000	0.00000	-89.338	-0.50000	0.0	0.0	0.0
	33.00000	20.00000	0.00000	-86.790	-0.50000	0.0	0.0	0.0
	34.00000	20.00000	0.00000	-83.703	-0.50000	0.0	0.0	0.0
	35.00000	20.00000	0.00000	-79.898	-0.50000	0.0	0.0	0.0
	36.00000	20.00000	0.00000	-75.070	-0.50000	0.0	0.0	0.0
	37.00000	20.00000	0.00000	-68.560	-0.50000	0.0	0.0	0.0
	38.00000	20.00000	0.00000	-57.027	-0.50000	0.0	0.0	0.0
	39.00000	20.00000	0.00000	-45.477	-0.50000	0.0	0.0	0.0
	40.00000	20.00000	0.00000	-38.918	-0.50000	0.0	0.0	0.0
	41.00000	20.00000	0.00000	-34.005	-0.50000	0.0	0.0	0.0
	42.00000	20.00000	0.00000	-30.083	-0.50000	0.0	0.0	0.0
	43.00000	20.00000	0.00000	-26.842	-0.50000	0.0	0.0	0.0
	44.00000	20.00000	0.00000	-24.105	-0.50000	0.0	0.0	0.0
	45.00000	20.00000	0.00000	-21.758	-0.50000	0.0	0.0	0.0
	46.00000	20.00000	0.00000	-19.721	-0.50000	0.0	0.0	0.0
	47.00000	20.00000	0.00000	-17.938	-0.50000	0.0	0.0	0.0
	48.00000	20.00000	0.00000	-16.364	-0.50000	0.0	0.0	0.0
	49.00000	20.00000	0.00000	-14.968	-0.50000	0.0	0.0	0.0
	50.00000	20.00000	0.00000	-13.722	-0.50000	0.0	0.0	0.0
	51.00000	20.00000	0.00000	-12.605	-0.50000	0.0	0.0	0.0
	52.00000	20.00000	0.00000	-11.599	-0.50000	0.0	0.0	0.0
	53.00000	20.00000	0.00000	-10.691	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	54.00000	20.00000	0.00000	-9.8688	-0.50000	0.0	0.0	0.0
	55.00000	20.00000	0.00000	-9.1213	-0.50000	0.0	0.0	0.0
	56.00000	20.00000	0.00000	-8.4405	-0.50000	0.0	0.0	0.0
	57.00000	20.00000	0.00000	-7.8189	-0.50000	0.0	0.0	0.0
	58.00000	20.00000	0.00000	-7.2502	-0.50000	0.0	0.0	0.0
	59.00000	20.00000	0.00000	-6.7289	-0.50000	0.0	0.0	0.0
	60.00000	20.00000	0.00000	-6.2503	-0.50000	0.0	0.0	0.0
	-20.00000	21.00000	0.00000	-6.3557	-0.50000	0.0	0.0	0.0
	-19.00000	21.00000	0.00000	-6.8503	-0.50000	0.0	0.0	0.0
	-18.00000	21.00000	0.00000	-7.3905	-0.50000	0.0	0.0	0.0
	-17.00000	21.00000	0.00000	-7.9821	-0.50000	0.0	0.0	0.0
	-16.00000	21.00000	0.00000	-8.6314	-0.50000	0.0	0.0	0.0
	-15.00000	21.00000	0.00000	-9.3460	-0.50000	0.0	0.0	0.0
	-14.00000	21.00000	0.00000	-10.135	-0.50000	0.0	0.0	0.0
	-13.00000	21.00000	0.00000	-11.009	-0.50000	0.0	0.0	0.0
	-12.00000	21.00000	0.00000	-11.982	-0.50000	0.0	0.0	0.0
	-11.00000	21.00000	0.00000	-13.068	-0.50000	0.0	0.0	0.0
	-10.00000	21.00000	0.00000	-14.289	-0.50000	0.0	0.0	0.0
	-9.00000	21.00000	0.00000	-15.669	-0.50000	0.0	0.0	0.0
	-8.00000	21.00000	0.00000	-17.240	-0.50000	0.0	0.0	0.0
	-7.00000	21.00000	0.00000	-19.046	-0.50000	0.0	0.0	0.0
	-6.00000	21.00000	0.00000	-21.143	-0.50000	0.0	0.0	0.0
	-5.00000	21.00000	0.00000	-23.611	-0.50000	0.0	0.0	0.0
	-4.00000	21.00000	0.00000	-26.570	-0.50000	0.0	0.0	0.0
	-3.00000	21.00000	0.00000	-30.202	-0.50000	0.0	0.0	0.0
	-2.00000	21.00000	0.00000	-34.827	-0.50000	0.0	0.0	0.0
	-1.00000	21.00000	0.00000	-41.116	-0.50000	0.0	0.0	0.0
	0.00000	21.00000	0.00000	-52.431	-0.50000	0.0	0.0	0.0
	1.00000	21.00000	0.00000	-63.781	-0.50000	0.0	0.0	0.0
	2.00000	21.00000	0.00000	-70.168	-0.50000	0.0	0.0	0.0
	3.00000	21.00000	0.00000	-74.938	-0.50000	0.0	0.0	0.0
	4.00000	21.00000	0.00000	-78.739	-0.50000	0.0	0.0	0.0
	5.00000	21.00000	0.00000	-81.872	-0.50000	0.0	0.0	0.0
	6.00000	21.00000	0.00000	-84.506	-0.50000	0.0	0.0	0.0
	7.00000	21.00000	0.00000	-86.747	-0.50000	0.0	0.0	0.0
	8.00000	21.00000	0.00000	-88.670	-0.50000	0.0	0.0	0.0
	9.00000	21.00000	0.00000	-90.328	-0.50000	0.0	0.0	0.0
	10.00000	21.00000	0.00000	-91.764	-0.50000	0.0	0.0	0.0
	11.00000	21.00000	0.00000	-93.007	-0.50000	0.0	0.0	0.0
	12.00000	21.00000	0.00000	-94.084	-0.50000	0.0	0.0	0.0
	13.00000	21.00000	0.00000	-95.013	-0.50000	0.0	0.0	0.0
	14.00000	21.00000	0.00000	-95.810	-0.50000	0.0	0.0	0.0
	15.00000	21.00000	0.00000	-96.487	-0.50000	0.0	0.0	0.0
	16.00000	21.00000	0.00000	-97.054	-0.50000	0.0	0.0	0.0
	17.00000	21.00000	0.00000	-97.516	-0.50000	0.0	0.0	0.0
	18.00000	21.00000	0.00000	-97.878	-0.50000	0.0	0.0	0.0
	19.00000	21.00000	0.00000	-98.142	-0.50000	0.0	0.0	0.0
	20.00000	21.00000	0.00000	-98.305	-0.50000	0.0	0.0	0.0
	21.00000	21.00000	0.00000	-98.365	-0.50000	0.0	0.0	0.0
	22.00000	21.00000	0.00000	-98.314	-0.50000	0.0	0.0	0.0
	23.00000	21.00000	0.00000	-98.143	-0.50000	0.0	0.0	0.0
	24.00000	21.00000	0.00000	-97.843	-0.50000	0.0	0.0	0.0
	25.00000	21.00000	0.00000	-97.399	-0.50000	0.0	0.0	0.0
	26.00000	21.00000	0.00000	-96.798	-0.50000	0.0	0.0	0.0
	27.00000	21.00000	0.00000	-96.022	-0.50000	0.0	0.0	0.0
	28.00000	21.00000	0.00000	-95.052	-0.50000	0.0	0.0	0.0
	29.00000	21.00000	0.00000	-93.861	-0.50000	0.0	0.0	0.0
	30.00000	21.00000	0.00000	-92.419	-0.50000	0.0	0.0	0.0
	31.00000	21.00000	0.00000	-90.683	-0.50000	0.0	0.0	0.0
	32.00000	21.00000	0.00000	-88.599	-0.50000	0.0	0.0	0.0
	33.00000	21.00000	0.00000	-86.089	-0.50000	0.0	0.0	0.0
	34.00000	21.00000	0.00000	-83.039	-0.50000	0.0	0.0	0.0
	35.00000	21.00000	0.00000	-79.275	-0.50000	0.0	0.0	0.0
	36.00000	21.00000	0.00000	-74.486	-0.50000	0.0	0.0	0.0
	37.00000	21.00000	0.00000	-68.018	-0.50000	0.0	0.0	0.0
	38.00000	21.00000	0.00000	-56.525	-0.50000	0.0	0.0	0.0
	39.00000	21.00000	0.00000	-45.016	-0.50000	0.0	0.0	0.0
	40.00000	21.00000	0.00000	-38.496	-0.50000	0.0	0.0	0.0
	41.00000	21.00000	0.00000	-33.621	-0.50000	0.0	0.0	0.0
	42.00000	21.00000	0.00000	-29.735	-0.50000	0.0	0.0	0.0
	43.00000	21.00000	0.00000	-26.528	-0.50000	0.0	0.0	0.0
	44.00000	21.00000	0.00000	-23.822	-0.50000	0.0	0.0	0.0
	45.00000	21.00000	0.00000	-21.503	-0.50000	0.0	0.0	0.0
	46.00000	21.00000	0.00000	-19.493	-0.50000	0.0	0.0	0.0
	47.00000	21.00000	0.00000	-17.733	-0.50000	0.0	0.0	0.0
	48.00000	21.00000	0.00000	-16.181	-0.50000	0.0	0.0	0.0
	49.00000	21.00000	0.00000	-14.804	-0.50000	0.0	0.0	0.0
	50.00000	21.00000	0.00000	-13.575	-0.50000	0.0	0.0	0.0
	51.00000	21.00000	0.00000	-12.473	-0.50000	0.0	0.0	0.0
	52.00000	21.00000	0.00000	-11.481	-0.50000	0.0	0.0	0.0
	53.00000	21.00000	0.00000	-10.585	-0.50000	0.0	0.0	0.0
	54.00000	21.00000	0.00000	-9.7735	-0.50000	0.0	0.0	0.0
	55.00000	21.00000	0.00000	-9.0357	-0.50000	0.0	0.0	0.0
	56.00000	21.00000	0.00000	-8.3634	-0.50000	0.0	0.0	0.0
	57.00000	21.00000	0.00000	-7.7494	-0.50000	0.0	0.0	0.0
	58.00000	21.00000	0.00000	-7.1875	-0.50000	0.0	0.0	0.0
	59.00000	21.00000	0.00000	-6.6723	-0.50000	0.0	0.0	0.0
	60.00000	21.00000	0.00000	-6.1991	-0.50000	0.0	0.0	0.0
	-20.00000	22.00000	0.00000	-6.2869	-0.50000	0.0	0.0	0.0
	-19.00000	22.00000	0.00000	-6.7739	-0.50000	0.0	0.0	0.0
	-18.00000	22.00000	0.00000	-7.3058	-0.50000	0.0	0.0	0.0
	-17.00000	22.00000	0.00000	-7.8879	-0.50000	0.0	0.0	0.0
	-16.00000	22.00000	0.00000	-8.5266	-0.50000	0.0	0.0	0.0
	-15.00000	22.00000	0.00000	-9.2292	-0.50000	0.0	0.0	0.0
	-14.00000	22.00000	0.00000	-10.005	-0.50000	0.0	0.0	0.0
	-13.00000	22.00000	0.00000	-10.863	-0.50000	0.0	0.0	0.0
	-12.00000	22.00000	0.00000	-11.818	-0.50000	0.0	0.0	0.0
	-11.00000	22.00000	0.00000	-12.885	-0.50000	0.0	0.0	0.0
	-10.00000	22.00000	0.00000	-14.084	-0.50000	0.0	0.0	0.0
	-9.00000	22.00000	0.00000	-15.439	-0.50000	0.0	0.0	0.0
	-8.00000	22.00000	0.00000	-16.983	-0.50000	0.0	0.0	0.0
	-7.00000	22.00000	0.00000	-18.757	-0.50000	0.0	0.0	0.0
	-6.00000	22.00000	0.00000	-20.819	-0.50000	0.0	0.0	0.0
	-5.00000	22.00000	0.00000	-23.249	-0.50000	0.0	0.0	0.0
	-4.00000	22.00000	0.00000	-26.165	-0.50000	0.0	0.0	0.0
	-3.00000	22.00000	0.00000	-29.750	-0.50000	0.0	0.0	0.0
	-2.00000	22.00000	0.00000	-34.322	-0.50000	0.0	0.0	0.0
	-1.00000	22.00000	0.00000	-40.550	-0.50000	0.0	0.0	0.0
	0.00000	22.00000	0.00000	-51.793	-0.50000	0.0	0.0	0.0
	1.00000	22.00000	0.00000	-63.057	-0.50000	0.0	0.0	0.0
	2.00000	22.00000	0.00000	-69.347	-0.50000	0.0	0.0	0.0
	3.00000	22.00000	0.00000	-74.011	-0.50000	0.0	0.0	0.0
	4.00000	22.00000	0.00000	-77.706	-0.50000	0.0	0.0	0.0
	5.00000	22.00000	0.00000	-80.738	-0.50000	0.0	0.0	0.0
	6.00000	22.00000	0.00000	-83.280	-0.50000	0.0	0.0	0.0
	7.00000	22.00000	0.00000	-85.441	-0.50000	0.0	0.0	0.0
	8.00000	22.00000	0.00000	-87.296	-0.50000	0.0	0.0	0.0
	9.00000	22.00000	0.00000	-88.897	-0.50000	0.0	0.0	0.0
	10.00000	22.00000	0.00000	-90.286	-0.50000	0.0	0.0	0.0
	11.00000	22.00000	0.00000	-91.493	-0.50000	0.0	0.0	0.0
	12.00000	22.00000	0.00000	-92.542	-0.50000	0.0	0.0	0.0
	13.00000	22.00000	0.00000	-93.451	-0.50000	0.0	0.0	0.0
	14.00000	22.00000	0.00000	-94.237	-0.50000	0.0	0.0	0.0
	15.00000	22.00000	0.00000	-94.911	-0.50000	0.0	0.0	0.0
	16.00000	22.00000	0.00000	-95.482	-0.50000	0.0	0.0	0.0
	17.00000	22.00000	0.00000	-95.957	-0.50000	0.0	0.0	0.0
	18.00000	22.00000	0.00000	-96.340	-0.50000	0.0	0.0	0.0
	19.00000	22.00000	0.00000	-96.632	-0.50000	0.0	0.0	0.0
	20.00000	22.00000	0.00000	-96.832	-0.50000	0.0	0.0	0.0
	21.00000	22.00000	0.00000	-96.934	-0.50000	0.0	0.0	0.0
	22.00000	22.00000	0.00000	-96.930	-0.50000	0.0	0.0	0.0
	23.00000	22.00000	0.00000	-96.810	-0.50000	0.0	0.0	0.0
	24.00000	22.00000	0.00000	-96.560	-0.50000	0.0	0.0	0.0
	25.00000	22.00000	0.00000	-96.166	-0.50000	0.0	0.0	0.0
	26.00000	22.00000	0.00000	-95.613	-0.50000	0.0	0.0	0.0
	27.00000	22.00000	0.00000	-94.884	-0.50000	0.0	0.0	0.0
	28.00000	22.00000	0.00000	-93.958	-0.50000	0.0	0.0	0.0
	29.00000	22.00000	0.00000	-92.810

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	33.00000	22.00000	0.00000	-85.215	-0.50000	0.0	0.0	0.0
	34.00000	22.00000	0.00000	-82.214	-0.50000	0.0	0.0	0.0
	35.00000	22.00000	0.00000	-78.499	-0.50000	0.0	0.0	0.0
	36.00000	22.00000	0.00000	-73.761	-0.50000	0.0	0.0	0.0
	37.00000	22.00000	0.00000	-67.344	-0.50000	0.0	0.0	0.0
	38.00000	22.00000	0.00000	-55.904	-0.50000	0.0	0.0	0.0
	39.00000	22.00000	0.00000	-44.445	-0.50000	0.0	0.0	0.0
	40.00000	22.00000	0.00000	-37.976	-0.50000	0.0	0.0	0.0
	41.00000	22.00000	0.00000	-33.149	-0.50000	0.0	0.0	0.0
	42.00000	22.00000	0.00000	-29.309	-0.50000	0.0	0.0	0.0
	43.00000	22.00000	0.00000	-26.144	-0.50000	0.0	0.0	0.0
	44.00000	22.00000	0.00000	-23.477	-0.50000	0.0	0.0	0.0
	45.00000	22.00000	0.00000	-21.194	-0.50000	0.0	0.0	0.0
	46.00000	22.00000	0.00000	-19.216	-0.50000	0.0	0.0	0.0
	47.00000	22.00000	0.00000	-17.486	-0.50000	0.0	0.0	0.0
	48.00000	22.00000	0.00000	-15.960	-0.50000	0.0	0.0	0.0
	49.00000	22.00000	0.00000	-14.606	-0.50000	0.0	0.0	0.0
	50.00000	22.00000	0.00000	-13.398	-0.50000	0.0	0.0	0.0
	51.00000	22.00000	0.00000	-12.315	-0.50000	0.0	0.0	0.0
	52.00000	22.00000	0.00000	-11.339	-0.50000	0.0	0.0	0.0
	53.00000	22.00000	0.00000	-10.458	-0.50000	0.0	0.0	0.0
	54.00000	22.00000	0.00000	-9.6592	-0.50000	0.0	0.0	0.0
	55.00000	22.00000	0.00000	-8.9330	-0.50000	0.0	0.0	0.0
	56.00000	22.00000	0.00000	-8.2709	-0.50000	0.0	0.0	0.0
	57.00000	22.00000	0.00000	-7.6661	-0.50000	0.0	0.0	0.0
	58.00000	22.00000	0.00000	-7.1124	-0.50000	0.0	0.0	0.0
	59.00000	22.00000	0.00000	-6.6045	-0.50000	0.0	0.0	0.0
	60.00000	22.00000	0.00000	-6.1377	-0.50000	0.0	0.0	0.0
	-20.00000	23.00000	0.00000	-6.2069	-0.50000	0.0	0.0	0.0
	-19.00000	23.00000	0.00000	-6.6852	-0.50000	0.0	0.0	0.0
	-18.00000	23.00000	0.00000	-7.2071	-0.50000	0.0	0.0	0.0
	-17.00000	23.00000	0.00000	-7.7780	-0.50000	0.0	0.0	0.0
	-16.00000	23.00000	0.00000	-8.4040	-0.50000	0.0	0.0	0.0
	-15.00000	23.00000	0.00000	-9.0922	-0.50000	0.0	0.0	0.0
	-14.00000	23.00000	0.00000	-9.8512	-0.50000	0.0	0.0	0.0
	-13.00000	23.00000	0.00000	-10.691	-0.50000	0.0	0.0	0.0
	-12.00000	23.00000	0.00000	-11.625	-0.50000	0.0	0.0	0.0
	-11.00000	23.00000	0.00000	-12.667	-0.50000	0.0	0.0	0.0
	-10.00000	23.00000	0.00000	-13.838	-0.50000	0.0	0.0	0.0
	-9.00000	23.00000	0.00000	-15.160	-0.50000	0.0	0.0	0.0
	-8.00000	23.00000	0.00000	-16.666	-0.50000	0.0	0.0	0.0
	-7.00000	23.00000	0.00000	-18.397	-0.50000	0.0	0.0	0.0
	-6.00000	23.00000	0.00000	-20.409	-0.50000	0.0	0.0	0.0
	-5.00000	23.00000	0.00000	-22.781	-0.50000	0.0	0.0	0.0
	-4.00000	23.00000	0.00000	-25.630	-0.50000	0.0	0.0	0.0
	-3.00000	23.00000	0.00000	-29.138	-0.50000	0.0	0.0	0.0
	-2.00000	23.00000	0.00000	-33.622	-0.50000	0.0	0.0	0.0
	-1.00000	23.00000	0.00000	-39.751	-0.50000	0.0	0.0	0.0
	0.00000	23.00000	0.00000	-50.885	-0.50000	0.0	0.0	0.0
	1.00000	23.00000	0.00000	-62.033	-0.50000	0.0	0.0	0.0
	2.00000	23.00000	0.00000	-68.201	-0.50000	0.0	0.0	0.0
	3.00000	23.00000	0.00000	-72.745	-0.50000	0.0	0.0	0.0
	4.00000	23.00000	0.00000	-76.324	-0.50000	0.0	0.0	0.0
	5.00000	23.00000	0.00000	-79.250	-0.50000	0.0	0.0	0.0
	6.00000	23.00000	0.00000	-81.696	-0.50000	0.0	0.0	0.0
	7.00000	23.00000	0.00000	-83.774	-0.50000	0.0	0.0	0.0
	8.00000	23.00000	0.00000	-85.558	-0.50000	0.0	0.0	0.0
	9.00000	23.00000	0.00000	-87.100	-0.50000	0.0	0.0	0.0
	10.00000	23.00000	0.00000	-88.440	-0.50000	0.0	0.0	0.0
	11.00000	23.00000	0.00000	-89.608	-0.50000	0.0	0.0	0.0
	12.00000	23.00000	0.00000	-90.628	-0.50000	0.0	0.0	0.0
	13.00000	23.00000	0.00000	-91.517	-0.50000	0.0	0.0	0.0
	14.00000	23.00000	0.00000	-92.291	-0.50000	0.0	0.0	0.0
	15.00000	23.00000	0.00000	-92.963	-0.50000	0.0	0.0	0.0
	16.00000	23.00000	0.00000	-93.540	-0.50000	0.0	0.0	0.0
	17.00000	23.00000	0.00000	-94.032	-0.50000	0.0	0.0	0.0
	18.00000	23.00000	0.00000	-94.443	-0.50000	0.0	0.0	0.0
	19.00000	23.00000	0.00000	-94.773	-0.50000	0.0	0.0	0.0
	20.00000	23.00000	0.00000	-95.021	-0.50000	0.0	0.0	0.0
	21.00000	23.00000	0.00000	-95.180	-0.50000	0.0	0.0	0.0
	22.00000	23.00000	0.00000	-95.239	-0.50000	0.0	0.0	0.0
	23.00000	23.00000	0.00000	-95.185	-0.50000	0.0	0.0	0.0
	24.00000	23.00000	0.00000	-95.002	-0.50000	0.0	0.0	0.0
	25.00000	23.00000	0.00000	-94.672	-0.50000	0.0	0.0	0.0
	26.00000	23.00000	0.00000	-94.179	-0.50000	0.0	0.0	0.0
	27.00000	23.00000	0.00000	-93.506	-0.50000	0.0	0.0	0.0
	28.00000	23.00000	0.00000	-92.633	-0.50000	0.0	0.0	0.0
	29.00000	23.00000	0.00000	-91.537	-0.50000	0.0	0.0	0.0
	30.00000	23.00000	0.00000	-90.189	-0.50000	0.0	0.0	0.0
	31.00000	23.00000	0.00000	-88.548	-0.50000	0.0	0.0	0.0
	32.00000	23.00000	0.00000	-86.562	-0.50000	0.0	0.0	0.0
	33.00000	23.00000	0.00000	-84.152	-0.50000	0.0	0.0	0.0
	34.00000	23.00000	0.00000	-81.209	-0.50000	0.0	0.0	0.0
	35.00000	23.00000	0.00000	-77.554	-0.50000	0.0	0.0	0.0
	36.00000	23.00000	0.00000	-72.879	-0.50000	0.0	0.0	0.0
	37.00000	23.00000	0.00000	-66.526	-0.50000	0.0	0.0	0.0
	38.00000	23.00000	0.00000	-55.151	-0.50000	0.0	0.0	0.0
	39.00000	23.00000	0.00000	-43.758	-0.50000	0.0	0.0	0.0
	40.00000	23.00000	0.00000	-37.351	-0.50000	0.0	0.0	0.0
	41.00000	23.00000	0.00000	-32.584	-0.50000	0.0	0.0	0.0
	42.00000	23.00000	0.00000	-28.800	-0.50000	0.0	0.0	0.0
	43.00000	23.00000	0.00000	-25.688	-0.50000	0.0	0.0	0.0
	44.00000	23.00000	0.00000	-23.070	-0.50000	0.0	0.0	0.0
	45.00000	23.00000	0.00000	-20.830	-0.50000	0.0	0.0	0.0
	46.00000	23.00000	0.00000	-18.891	-0.50000	0.0	0.0	0.0
	47.00000	23.00000	0.00000	-17.196	-0.50000	0.0	0.0	0.0
	48.00000	23.00000	0.00000	-15.701	-0.50000	0.0	0.0	0.0
	49.00000	23.00000	0.00000	-14.375	-0.50000	0.0	0.0	0.0
	50.00000	23.00000	0.00000	-13.192	-0.50000	0.0	0.0	0.0
	51.00000	23.00000	0.00000	-12.130	-0.50000	0.0	0.0	0.0
	52.00000	23.00000	0.00000	-11.174	-0.50000	0.0	0.0	0.0
	53.00000	23.00000	0.00000	-10.310	-0.50000	0.0	0.0	0.0
	54.00000	23.00000	0.00000	-9.5265	-0.50000	0.0	0.0	0.0
	55.00000	23.00000	0.00000	-8.8137	-0.50000	0.0	0.0	0.0
	56.00000	23.00000	0.00000	-8.1637	-0.50000	0.0	0.0	0.0
	57.00000	23.00000	0.00000	-7.5695	-0.50000	0.0	0.0	0.0
	58.00000	23.00000	0.00000	-7.0252	-0.50000	0.0	0.0	0.0
	59.00000	23.00000	0.00000	-6.5258	-0.50000	0.0	0.0	0.0
	60.00000	23.00000	0.00000	-6.0666	-0.50000	0.0	0.0	0.0
	-20.00000	24.00000	0.00000	-6.1163	-0.50000	0.0	0.0	0.0
	-19.00000	24.00000	0.00000	-6.5846	-0.50000	0.0	0.0	0.0
	-18.00000	24.00000	0.00000	-7.0952	-0.50000	0.0	0.0	0.0
	-17.00000	24.00000	0.00000	-7.6532	-0.50000	0.0	0.0	0.0
	-16.00000	24.00000	0.00000	-8.2645	-0.50000	0.0	0.0	0.0
	-15.00000	24.00000	0.00000	-8.9360	-0.50000	0.0	0.0	0.0
	-14.00000	24.00000	0.00000	-9.6758	-0.50000	0.0	0.0	0.0
	-13.00000	24.00000	0.00000	-10.494	-0.50000	0.0	0.0	0.0
	-12.00000	24.00000	0.00000	-11.402	-0.50000	0.0	0.0	0.0
	-11.00000	24.00000	0.00000	-12.415	-0.50000	0.0	0.0	0.0
	-10.00000	24.00000	0.00000	-13.552	-0.50000	0.0	0.0	0.0
	-9.00000	24.00000	0.00000	-14.834	-0.50000	0.0	0.0	0.0
	-8.00000	24.00000	0.00000	-16.293	-0.50000	0.0	0.0	0.0
	-7.00000	24.00000	0.00000	-17.969	-0.50000	0.0	0.0	0.0
	-6.00000	24.00000	0.00000	-19.915	-0.50000	0.0	0.0	0.0
	-5.00000	24.00000	0.00000	-22.209	-0.50000	0.0	0.0	0.0
	-4.00000	24.00000	0.00000	-24.966	-0.50000	0.0	0.0	0.0
	-3.00000	24.00000	0.00000	-28.365	-0.50000	0.0	0.0	0.0
	-2.00000	24.00000	0.00000	-32.723	-0.50000	0.0	0.0	0.0
	-1.00000	24.00000	0.00000	-38.711	-0.50000	0.0	0.0	0.0
	0.00000	24.00000	0.00000	-49.692	-0.50000	0.0	0.0	0.0
	1.00000	24.00000	0.00000	-60.681	-0.50000	0.0	0.0	0.0
	2.00000	24.00000	0.00000	-66.694	-0.50000	0.0	0.0	0.0
	3.00000	24.00000	0.00000	-71.091	-0.50000	0.0	0.0	0.0
	4.00000	24.00000	0.00000	-74.536	-0.50000	0.0	0.0	0.0
	5.00000	24.00000	0.00000	-77.342	-0.50000	0.0	0.0	0.0
	6.00000	24.00000	0.00000	-79.685	-0.50000	0.0	0.0	0.0
	7.00000	24.00000	0.00000	-81.673	-0.50000	0.0	0.0	0.0
	8.00000	24.00000	0.00000	-83.381	-0.50000	0.0	0.0	0.0
	9.00000	24.00000	0.00000	-84.860	-0.50000	0.0	0.0	0.0
	10.00000	24.00000	0.00000	-86.149	-0.50000	0.0	0.0	0.0
	11.00000	24.00000	0.00000	-87.276	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	12.00000	24.00000	0.00000	-88.265	-0.50000	0.0	0.0	0.0
	13.00000	24.00000	0.00000	-89.133	-0.50000	0.0	0.0	0.0
	14.00000	24.00000	0.00000	-89.896	-0.50000	0.0	0.0	0.0
	15.00000	24.00000	0.00000	-90.565	-0.50000	0.0	0.0	0.0
	16.00000	24.00000	0.00000	-91.153	-0.50000	0.0	0.0	0.0
	17.00000	24.00000	0.00000	-91.666	-0.50000	0.0	0.0	0.0
	18.00000	24.00000	0.00000	-92.112	-0.50000	0.0	0.0	0.0
	19.00000	24.00000	0.00000	-92.492	-0.50000	0.0	0.0	0.0
	20.00000	24.00000	0.00000	-92.805	-0.50000	0.0	0.0	0.0
	21.00000	24.00000	0.00000	-93.042	-0.50000	0.0	0.0	0.0
	22.00000	24.00000	0.00000	-93.189	-0.50000	0.0	0.0	0.0
	23.00000	24.00000	0.00000	-93.226	-0.50000	0.0	0.0	0.0
	24.00000	24.00000	0.00000	-93.131	-0.50000	0.0	0.0	0.0
	25.00000	24.00000	0.00000	-92.884	-0.50000	0.0	0.0	0.0
	26.00000	24.00000	0.00000	-92.465	-0.50000	0.0	0.0	0.0
	27.00000	24.00000	0.00000	-91.860	-0.50000	0.0	0.0	0.0
	28.00000	24.00000	0.00000	-91.049	-0.50000	0.0	0.0	0.0
	29.00000	24.00000	0.00000	-90.013	-0.50000	0.0	0.0	0.0
	30.00000	24.00000	0.00000	-88.724	-0.50000	0.0	0.0	0.0
	31.00000	24.00000	0.00000	-87.143	-0.50000	0.0	0.0	0.0
	32.00000	24.00000	0.00000	-85.218	-0.50000	0.0	0.0	0.0
	33.00000	24.00000	0.00000	-82.874	-0.50000	0.0	0.0	0.0
	34.00000	24.00000	0.00000	-80.000	-0.50000	0.0	0.0	0.0
	35.00000	24.00000	0.00000	-76.418	-0.50000	0.0	0.0	0.0
	36.00000	24.00000	0.00000	-71.820	-0.50000	0.0	0.0	0.0
	37.00000	24.00000	0.00000	-65.548	-0.50000	0.0	0.0	0.0
	38.00000	24.00000	0.00000	-54.254	-0.50000	0.0	0.0	0.0
	39.00000	24.00000	0.00000	-42.941	-0.50000	0.0	0.0	0.0
	40.00000	24.00000	0.00000	-36.613	-0.50000	0.0	0.0	0.0
	41.00000	24.00000	0.00000	-31.921	-0.50000	0.0	0.0	0.0
	42.00000	24.00000	0.00000	-28.207	-0.50000	0.0	0.0	0.0
	43.00000	24.00000	0.00000	-25.159	-0.50000	0.0	0.0	0.0
	44.00000	24.00000	0.00000	-22.598	-0.50000	0.0	0.0	0.0
	45.00000	24.00000	0.00000	-20.411	-0.50000	0.0	0.0	0.0
	46.00000	24.00000	0.00000	-18.518	-0.50000	0.0	0.0	0.0
	47.00000	24.00000	0.00000	-16.864	-0.50000	0.0	0.0	0.0
	48.00000	24.00000	0.00000	-15.406	-0.50000	0.0	0.0	0.0
	49.00000	24.00000	0.00000	-14.112	-0.50000	0.0	0.0	0.0
	50.00000	24.00000	0.00000	-12.957	-0.50000	0.0	0.0	0.0
	51.00000	24.00000	0.00000	-11.921	-0.50000	0.0	0.0	0.0
	52.00000	24.00000	0.00000	-10.987	-0.50000	0.0	0.0	0.0
	53.00000	24.00000	0.00000	-10.143	-0.50000	0.0	0.0	0.0
	54.00000	24.00000	0.00000	-9.3761	-0.50000	0.0	0.0	0.0
	55.00000	24.00000	0.00000	-8.6787	-0.50000	0.0	0.0	0.0
	56.00000	24.00000	0.00000	-8.0422	-0.50000	0.0	0.0	0.0
	57.00000	24.00000	0.00000	-7.4601	-0.50000	0.0	0.0	0.0
	58.00000	24.00000	0.00000	-6.9266	-0.50000	0.0	0.0	0.0
	59.00000	24.00000	0.00000	-6.4367	-0.50000	0.0	0.0	0.0
	60.00000	24.00000	0.00000	-5.9860	-0.50000	0.0	0.0	0.0
	-20.00000	25.00000	0.00000	-6.0158	-0.50000	0.0	0.0	0.0
	-19.00000	25.00000	0.00000	-6.4728	-0.50000	0.0	0.0	0.0
	-18.00000	25.00000	0.00000	-6.9707	-0.50000	0.0	0.0	0.0
	-17.00000	25.00000	0.00000	-7.5143	-0.50000	0.0	0.0	0.0
	-16.00000	25.00000	0.00000	-8.1092	-0.50000	0.0	0.0	0.0
	-15.00000	25.00000	0.00000	-8.7618	-0.50000	0.0	0.0	0.0
	-14.00000	25.00000	0.00000	-9.4801	-0.50000	0.0	0.0	0.0
	-13.00000	25.00000	0.00000	-10.273	-0.50000	0.0	0.0	0.0
	-12.00000	25.00000	0.00000	-11.152	-0.50000	0.0	0.0	0.0
	-11.00000	25.00000	0.00000	-12.132	-0.50000	0.0	0.0	0.0
	-10.00000	25.00000	0.00000	-13.228	-0.50000	0.0	0.0	0.0
	-9.00000	25.00000	0.00000	-14.464	-0.50000	0.0	0.0	0.0
	-8.00000	25.00000	0.00000	-15.867	-0.50000	0.0	0.0	0.0
	-7.00000	25.00000	0.00000	-17.475	-0.50000	0.0	0.0	0.0
	-6.00000	25.00000	0.00000	-19.341	-0.50000	0.0	0.0	0.0
	-5.00000	25.00000	0.00000	-21.537	-0.50000	0.0	0.0	0.0
	-4.00000	25.00000	0.00000	-24.174	-0.50000	0.0	0.0	0.0
	-3.00000	25.00000	0.00000	-27.429	-0.50000	0.0	0.0	0.0
	-2.00000	25.00000	0.00000	-31.615	-0.50000	0.0	0.0	0.0
	-1.00000	25.00000	0.00000	-37.406	-0.50000	0.0	0.0	0.0
	0.00000	25.00000	0.00000	-48.172	-0.50000	0.0	0.0	0.0
	1.00000	25.00000	0.00000	-58.943	-0.50000	0.0	0.0	0.0
	2.00000	25.00000	0.00000	-64.750	-0.50000	0.0	0.0	0.0
	3.00000	25.00000	0.00000	-68.960	-0.50000	0.0	0.0	0.0
	4.00000	25.00000	0.00000	-72.244	-0.50000	0.0	0.0	0.0
	5.00000	25.00000	0.00000	-74.912	-0.50000	0.0	0.0	0.0
	6.00000	25.00000	0.00000	-77.138	-0.50000	0.0	0.0	0.0
	7.00000	25.00000	0.00000	-79.028	-0.50000	0.0	0.0	0.0
	8.00000	25.00000	0.00000	-80.654	-0.50000	0.0	0.0	0.0
	9.00000	25.00000	0.00000	-82.066	-0.50000	0.0	0.0	0.0
	10.00000	25.00000	0.00000	-83.300	-0.50000	0.0	0.0	0.0
	11.00000	25.00000	0.00000	-84.384	-0.50000	0.0	0.0	0.0
	12.00000	25.00000	0.00000	-85.340	-0.50000	0.0	0.0	0.0
	13.00000	25.00000	0.00000	-86.186	-0.50000	0.0	0.0	0.0
	14.00000	25.00000	0.00000	-86.936	-0.50000	0.0	0.0	0.0
	15.00000	25.00000	0.00000	-87.606	-0.50000	0.0	0.0	0.0
	16.00000	25.00000	0.00000	-88.205	-0.50000	0.0	0.0	0.0
	17.00000	25.00000	0.00000	-88.745	-0.50000	0.0	0.0	0.0
	18.00000	25.00000	0.00000	-89.235	-0.50000	0.0	0.0	0.0
	19.00000	25.00000	0.00000	-89.681	-0.50000	0.0	0.0	0.0
	20.00000	25.00000	0.00000	-90.082	-0.50000	0.0	0.0	0.0
	21.00000	25.00000	0.00000	-90.431	-0.50000	0.0	0.0	0.0
	22.00000	25.00000	0.00000	-90.705	-0.50000	0.0	0.0	0.0
	23.00000	25.00000	0.00000	-90.872	-0.50000	0.0	0.0	0.0
	24.00000	25.00000	0.00000	-90.899	-0.50000	0.0	0.0	0.0
	25.00000	25.00000	0.00000	-90.759	-0.50000	0.0	0.0	0.0
	26.00000	25.00000	0.00000	-90.434	-0.50000	0.0	0.0	0.0
	27.00000	25.00000	0.00000	-89.908	-0.50000	0.0	0.0	0.0
	28.00000	25.00000	0.00000	-89.170	-0.50000	0.0	0.0	0.0
	29.00000	25.00000	0.00000	-88.202	-0.50000	0.0	0.0	0.0
	30.00000	25.00000	0.00000	-86.979	-0.50000	0.0	0.0	0.0
	31.00000	25.00000	0.00000	-85.466	-0.50000	0.0	0.0	0.0
	32.00000	25.00000	0.00000	-83.612	-0.50000	0.0	0.0	0.0
	33.00000	25.00000	0.00000	-81.345	-0.50000	0.0	0.0	0.0
	34.00000	25.00000	0.00000	-78.553	-0.50000	0.0	0.0	0.0
	35.00000	25.00000	0.00000	-75.061	-0.50000	0.0	0.0	0.0
	36.00000	25.00000	0.00000	-70.558	-0.50000	0.0	0.0	0.0
	37.00000	25.00000	0.00000	-64.385	-0.50000	0.0	0.0	0.0
	38.00000	25.00000	0.00000	-53.193	-0.50000	0.0	0.0	0.0
	39.00000	25.00000	0.00000	-41.981	-0.50000	0.0	0.0	0.0
	40.00000	25.00000	0.00000	-35.751	-0.50000	0.0	0.0	0.0
	41.00000	25.00000	0.00000	-31.152	-0.50000	0.0	0.0	0.0
	42.00000	25.00000	0.00000	-27.524	-0.50000	0.0	0.0	0.0
	43.00000	25.00000	0.00000	-24.553	-0.50000	0.0	0.0	0.0
	44.00000	25.00000	0.00000	-22.062	-0.50000	0.0	0.0	0.0
	45.00000	25.00000	0.00000	-19.936	-0.50000	0.0	0.0	0.0
	46.00000	25.00000	0.00000	-18.098	-0.50000	0.0	0.0	0.0
	47.00000	25.00000	0.00000	-16.492	-0.50000	0.0	0.0	0.0
	48.00000	25.00000	0.00000	-15.075	-0.50000	0.0	0.0	0.0
	49.00000	25.00000	0.00000	-13.818	-0.50000	0.0	0.0	0.0
	50.00000	25.00000	0.00000	-12.695	-0.50000	0.0	0.0	0.0
	51.00000	25.00000	0.00000	-11.687	-0.50000	0.0	0.0	0.0
	52.00000	25.00000	0.00000	-10.779	-0.50000	0.0	0.0	0.0
	53.00000	25.00000	0.00000	-9.9560	-0.50000	0.0	0.0	0.0
	54.00000	25.00000	0.00000	-9.2090	-0.50000	0.0	0.0	0.0
	55.00000	25.00000	0.00000	-8.5286	-0.50000	0.0	0.0	0.0
	56.00000	25.00000	0.00000	-7.9073	-0.50000	0.0	0.0	0.0
	57.00000	25.00000	0.00000	-7.3386	-0.50000	0.0	0.0	0.0
	58.00000	25.00000	0.00000	-6.8170	-0.50000	0.0	0.0	0.0
	59.00000	25.00000	0.00000	-6.3377	-0.50000	0.0	0.0	0.0
	60.00000	25.00000	0.00000	-5.8965	-0.50000	0.0	0.0	0.0
	-20.00000	26.00000	0.00000	-5.9059	-0.50000	0.0	0.0	0.0
	-19.00000	26.00000	0.00000	-6.3507	-0.50000	0.0	0.0	0.0
	-18.00000	26.00000	0.00000	-6.8347	-0.50000	0.0	0.0	0.0
	-17.00000	26.00000	0.00000	-7.3625	-0.50000	0.0	0.0	0.0
	-16.00000	26.00000	0.00000	-7.9392	-0.50000	0.0	0.0	0.0
	-15.00000	26.00000	0.00000	-8.5712	-0.50000	0.0	0.0	0.0
	-14.00000	26.00000	0.00000	-9.2655	-0.50000	0.0	0.0	0.0
	-13.00000	26.00000	0.00000	-10.031	-0.50000	0.0

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-9.00000	26.00000	0.00000	-14.053	-0.50000	0.0	0.0	0.0
	-8.00000	26.00000	0.00000	-15.392	-0.50000	0.0	0.0	0.0
	-7.00000	26.00000	0.00000	-16.923	-0.50000	0.0	0.0	0.0
	-6.00000	26.00000	0.00000	-18.692	-0.50000	0.0	0.0	0.0
	-5.00000	26.00000	0.00000	-20.770	-0.50000	0.0	0.0	0.0
	-4.00000	26.00000	0.00000	-23.258	-0.50000	0.0	0.0	0.0
	-3.00000	26.00000	0.00000	-26.326	-0.50000	0.0	0.0	0.0
	-2.00000	26.00000	0.00000	-30.281	-0.50000	0.0	0.0	0.0
	-1.00000	26.00000	0.00000	-35.793	-0.50000	0.0	0.0	0.0
	0.00000	26.00000	0.00000	-46.247	-0.50000	0.0	0.0	0.0
	1.00000	26.00000	0.00000	-56.705	-0.50000	0.0	0.0	0.0
	2.00000	26.00000	0.00000	-62.227	-0.50000	0.0	0.0	0.0
	3.00000	26.00000	0.00000	-66.196	-0.50000	0.0	0.0	0.0
	4.00000	26.00000	0.00000	-69.281	-0.50000	0.0	0.0	0.0
	5.00000	26.00000	0.00000	-71.788	-0.50000	0.0	0.0	0.0
	6.00000	26.00000	0.00000	-73.882	-0.50000	0.0	0.0	0.0
	7.00000	26.00000	0.00000	-75.664	-0.50000	0.0	0.0	0.0
	8.00000	26.00000	0.00000	-77.202	-0.50000	0.0	0.0	0.0
	9.00000	26.00000	0.00000	-78.542	-0.50000	0.0	0.0	0.0
	10.00000	26.00000	0.00000	-79.718	-0.50000	0.0	0.0	0.0
	11.00000	26.00000	0.00000	-80.756	-0.50000	0.0	0.0	0.0
	12.00000	26.00000	0.00000	-81.677	-0.50000	0.0	0.0	0.0
	13.00000	26.00000	0.00000	-82.498	-0.50000	0.0	0.0	0.0
	14.00000	26.00000	0.00000	-83.236	-0.50000	0.0	0.0	0.0
	15.00000	26.00000	0.00000	-83.905	-0.50000	0.0	0.0	0.0
	16.00000	26.00000	0.00000	-84.518	-0.50000	0.0	0.0	0.0
	17.00000	26.00000	0.00000	-85.089	-0.50000	0.0	0.0	0.0
	18.00000	26.00000	0.00000	-85.634	-0.50000	0.0	0.0	0.0
	19.00000	26.00000	0.00000	-86.165	-0.50000	0.0	0.0	0.0
	20.00000	26.00000	0.00000	-86.690	-0.50000	0.0	0.0	0.0
	21.00000	26.00000	0.00000	-87.202	-0.50000	0.0	0.0	0.0
	22.00000	26.00000	0.00000	-87.671	-0.50000	0.0	0.0	0.0
	23.00000	26.00000	0.00000	-88.037	-0.50000	0.0	0.0	0.0
	24.00000	26.00000	0.00000	-88.241	-0.50000	0.0	0.0	0.0
	25.00000	26.00000	0.00000	-88.245	-0.50000	0.0	0.0	0.0
	26.00000	26.00000	0.00000	-88.034	-0.50000	0.0	0.0	0.0
	27.00000	26.00000	0.00000	-87.603	-0.50000	0.0	0.0	0.0
	28.00000	26.00000	0.00000	-86.946	-0.50000	0.0	0.0	0.0
	29.00000	26.00000	0.00000	-86.053	-0.50000	0.0	0.0	0.0
	30.00000	26.00000	0.00000	-84.903	-0.50000	0.0	0.0	0.0
	31.00000	26.00000	0.00000	-83.466	-0.50000	0.0	0.0	0.0
	32.00000	26.00000	0.00000	-81.694	-0.50000	0.0	0.0	0.0
	33.00000	26.00000	0.00000	-79.515	-0.50000	0.0	0.0	0.0
	34.00000	26.00000	0.00000	-76.822	-0.50000	0.0	0.0	0.0
	35.00000	26.00000	0.00000	-73.437	-0.50000	0.0	0.0	0.0
	36.00000	26.00000	0.00000	-69.052	-0.50000	0.0	0.0	0.0
	37.00000	26.00000	0.00000	-63.004	-0.50000	0.0	0.0	0.0
	38.00000	26.00000	0.00000	-51.942	-0.50000	0.0	0.0	0.0
	39.00000	26.00000	0.00000	-40.859	-0.50000	0.0	0.0	0.0
	40.00000	26.00000	0.00000	-34.753	-0.50000	0.0	0.0	0.0
	41.00000	26.00000	0.00000	-30.270	-0.50000	0.0	0.0	0.0
	42.00000	26.00000	0.00000	-26.746	-0.50000	0.0	0.0	0.0
	43.00000	26.00000	0.00000	-23.869	-0.50000	0.0	0.0	0.0
	44.00000	26.00000	0.00000	-21.461	-0.50000	0.0	0.0	0.0
	45.00000	26.00000	0.00000	-19.407	-0.50000	0.0	0.0	0.0
	46.00000	26.00000	0.00000	-17.632	-0.50000	0.0	0.0	0.0
	47.00000	26.00000	0.00000	-16.080	-0.50000	0.0	0.0	0.0
	48.00000	26.00000	0.00000	-14.711	-0.50000	0.0	0.0	0.0
	49.00000	26.00000	0.00000	-13.495	-0.50000	0.0	0.0	0.0
	50.00000	26.00000	0.00000	-12.408	-0.50000	0.0	0.0	0.0
	51.00000	26.00000	0.00000	-11.432	-0.50000	0.0	0.0	0.0
	52.00000	26.00000	0.00000	-10.550	-0.50000	0.0	0.0	0.0
	53.00000	26.00000	0.00000	-9.7518	-0.50000	0.0	0.0	0.0
	54.00000	26.00000	0.00000	-9.0260	-0.50000	0.0	0.0	0.0
	55.00000	26.00000	0.00000	-8.3644	-0.50000	0.0	0.0	0.0
	56.00000	26.00000	0.00000	-7.7597	-0.50000	0.0	0.0	0.0
	57.00000	26.00000	0.00000	-7.2057	-0.50000	0.0	0.0	0.0
	58.00000	26.00000	0.00000	-6.6971	-0.50000	0.0	0.0	0.0
	59.00000	26.00000	0.00000	-6.2294	-0.50000	0.0	0.0	0.0
	60.00000	26.00000	0.00000	-5.7986	-0.50000	0.0	0.0	0.0
	-20.00000	27.00000	0.00000	-5.7875	-0.50000	0.0	0.0	0.0
	-19.00000	27.00000	0.00000	-6.2191	-0.50000	0.0	0.0	0.0
	-18.00000	27.00000	0.00000	-6.6881	-0.50000	0.0	0.0	0.0
	-17.00000	27.00000	0.00000	-7.1989	-0.50000	0.0	0.0	0.0
	-16.00000	27.00000	0.00000	-7.7561	-0.50000	0.0	0.0	0.0
	-15.00000	27.00000	0.00000	-8.3656	-0.50000	0.0	0.0	0.0
	-14.00000	27.00000	0.00000	-9.0340	-0.50000	0.0	0.0	0.0
	-13.00000	27.00000	0.00000	-9.7694	-0.50000	0.0	0.0	0.0
	-12.00000	27.00000	0.00000	-10.581	-0.50000	0.0	0.0	0.0
	-11.00000	27.00000	0.00000	-11.481	-0.50000	0.0	0.0	0.0
	-10.00000	27.00000	0.00000	-12.484	-0.50000	0.0	0.0	0.0
	-9.00000	27.00000	0.00000	-13.607	-0.50000	0.0	0.0	0.0
	-8.00000	27.00000	0.00000	-14.875	-0.50000	0.0	0.0	0.0
	-7.00000	27.00000	0.00000	-16.318	-0.50000	0.0	0.0	0.0
	-6.00000	27.00000	0.00000	-17.978	-0.50000	0.0	0.0	0.0
	-5.00000	27.00000	0.00000	-19.918	-0.50000	0.0	0.0	0.0
	-4.00000	27.00000	0.00000	-22.228	-0.50000	0.0	0.0	0.0
	-3.00000	27.00000	0.00000	-25.062	-0.50000	0.0	0.0	0.0
	-2.00000	27.00000	0.00000	-28.704	-0.50000	0.0	0.0	0.0
	-1.00000	27.00000	0.00000	-33.808	-0.50000	0.0	0.0	0.0
	0.00000	27.00000	0.00000	-43.773	-0.50000	0.0	0.0	0.0
	1.00000	27.00000	0.00000	-53.739	-0.50000	0.0	0.0	0.0
	2.00000	27.00000	0.00000	-58.848	-0.50000	0.0	0.0	0.0
	3.00000	27.00000	0.00000	-62.499	-0.50000	0.0	0.0	0.0
	4.00000	27.00000	0.00000	-65.342	-0.50000	0.0	0.0	0.0
	5.00000	27.00000	0.00000	-67.661	-0.50000	0.0	0.0	0.0
	6.00000	27.00000	0.00000	-69.608	-0.50000	0.0	0.0	0.0
	7.00000	27.00000	0.00000	-71.273	-0.50000	0.0	0.0	0.0
	8.00000	27.00000	0.00000	-72.716	-0.50000	0.0	0.0	0.0
	9.00000	27.00000	0.00000	-73.979	-0.50000	0.0	0.0	0.0
	10.00000	27.00000	0.00000	-75.093	-0.50000	0.0	0.0	0.0
	11.00000	27.00000	0.00000	-76.083	-0.50000	0.0	0.0	0.0
	12.00000	27.00000	0.00000	-76.967	-0.50000	0.0	0.0	0.0
	13.00000	27.00000	0.00000	-77.762	-0.50000	0.0	0.0	0.0
	14.00000	27.00000	0.00000	-78.486	-0.50000	0.0	0.0	0.0
	15.00000	27.00000	0.00000	-79.152	-0.50000	0.0	0.0	0.0
	16.00000	27.00000	0.00000	-79.779	-0.50000	0.0	0.0	0.0
	17.00000	27.00000	0.00000	-80.384	-0.50000	0.0	0.0	0.0
	18.00000	27.00000	0.00000	-80.992	-0.50000	0.0	0.0	0.0
	19.00000	27.00000	0.00000	-81.629	-0.50000	0.0	0.0	0.0
	20.00000	27.00000	0.00000	-82.325	-0.50000	0.0	0.0	0.0
	21.00000	27.00000	0.00000	-83.095	-0.50000	0.0	0.0	0.0
	22.00000	27.00000	0.00000	-83.898	-0.50000	0.0	0.0	0.0
	23.00000	27.00000	0.00000	-84.602	-0.50000	0.0	0.0	0.0
	24.00000	27.00000	0.00000	-85.076	-0.50000	0.0	0.0	0.0
	25.00000	27.00000	0.00000	-85.274	-0.50000	0.0	0.0	0.0
	26.00000	27.00000	0.00000	-85.201	-0.50000	0.0	0.0	0.0
	27.00000	27.00000	0.00000	-84.876	-0.50000	0.0	0.0	0.0
	28.00000	27.00000	0.00000	-84.307	-0.50000	0.0	0.0	0.0
	29.00000	27.00000	0.00000	-83.493	-0.50000	0.0	0.0	0.0
	30.00000	27.00000	0.00000	-82.423	-0.50000	0.0	0.0	0.0
	31.00000	27.00000	0.00000	-81.070	-0.50000	0.0	0.0	0.0
	32.00000	27.00000	0.00000	-79.389	-0.50000	0.0	0.0	0.0
	33.00000	27.00000	0.00000	-77.313	-0.50000	0.0	0.0	0.0
	34.00000	27.00000	0.00000	-74.736	-0.50000	0.0	0.0	0.0
	35.00000	27.00000	0.00000	-71.483	-0.50000	0.0	0.0	0.0
	36.00000	27.00000	0.00000	-67.246	-0.50000	0.0	0.0	0.0
	37.00000	27.00000	0.00000	-61.359	-0.50000	0.0	0.0	0.0
	38.00000	27.00000	0.00000	-50.464	-0.50000	0.0	0.0	0.0
	39.00000	27.00000	0.00000	-39.549	-0.50000	0.0	0.0	0.0
	40.00000	27.00000	0.00000	-33.603	-0.50000	0.0	0.0	0.0
	41.00000	27.00000	0.00000	-29.266	-0.50000	0.0	0.0	0.0
	42.00000	27.00000	0.00000	-25.871	-0.50000	0.0	0.0	0.0
	43.00000	27.00000	0.00000	-23.107	-0.50000	0.0	0.0	0.0
	44.00000	27.00000	0.00000	-20.795	-0.50000	0.0	0.0	0.0
	45.00000	27.00000	0.00000	-18.825	-0.50000	0.0	0.0	0.0
	46.00000	27.00000	0.00000	-17.121	-0.50000	0.0	0.0	0.0
	47.00000	27.00000	0.00000	-15.630	-0.50000	0.0	0.0	0.0
	48.00000	27.00000	0.00000	-14.315	-0.50000	0.0	0.0	0.0
	49.00000	27.00000	0.00000	-13.144	-0.50000	0.0	0.0	0.0
	50.00000	27.00000	0.00000	-12.097	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	51.00000	27.00000	0.00000	-11.155	-0.50000	0.0	0.0	0.0
	52.00000	27.00000	0.00000	-10.303	-0.50000	0.0	0.0	0.0
	53.00000	27.00000	0.00000	-9.5312	-0.50000	0.0	0.0	0.0
	54.00000	27.00000	0.00000	-8.8285	-0.50000	0.0	0.0	0.0
	55.00000	27.00000	0.00000	-8.1871	-0.50000	0.0	0.0	0.0
	56.00000	27.00000	0.00000	-7.6003	-0.50000	0.0	0.0	0.0
	57.00000	27.00000	0.00000	-7.0622	-0.50000	0.0	0.0	0.0
	58.00000	27.00000	0.00000	-6.5677	-0.50000	0.0	0.0	0.0
	59.00000	27.00000	0.00000	-6.1125	-0.50000	0.0	0.0	0.0
	60.00000	27.00000	0.00000	-5.6928	-0.50000	0.0	0.0	0.0
	-20.00000	28.00000	0.00000	-5.6614	-0.50000	0.0	0.0	0.0
	-19.00000	28.00000	0.00000	-6.0790	-0.50000	0.0	0.0	0.0
	-18.00000	28.00000	0.00000	-6.5321	-0.50000	0.0	0.0	0.0
	-17.00000	28.00000	0.00000	-7.0248	-0.50000	0.0	0.0	0.0
	-16.00000	28.00000	0.00000	-7.5613	-0.50000	0.0	0.0	0.0
	-15.00000	28.00000	0.00000	-8.1470	-0.50000	0.0	0.0	0.0
	-14.00000	28.00000	0.00000	-8.7879	-0.50000	0.0	0.0	0.0
	-13.00000	28.00000	0.00000	-9.4913	-0.50000	0.0	0.0	0.0
	-12.00000	28.00000	0.00000	-10.266	-0.50000	0.0	0.0	0.0
	-11.00000	28.00000	0.00000	-11.122	-0.50000	0.0	0.0	0.0
	-10.00000	28.00000	0.00000	-12.072	-0.50000	0.0	0.0	0.0
	-9.00000	28.00000	0.00000	-13.132	-0.50000	0.0	0.0	0.0
	-8.00000	28.00000	0.00000	-14.323	-0.50000	0.0	0.0	0.0
	-7.00000	28.00000	0.00000	-15.671	-0.50000	0.0	0.0	0.0
	-6.00000	28.00000	0.00000	-17.212	-0.50000	0.0	0.0	0.0
	-5.00000	28.00000	0.00000	-18.997	-0.50000	0.0	0.0	0.0
	-4.00000	28.00000	0.00000	-21.102	-0.50000	0.0	0.0	0.0
	-3.00000	28.00000	0.00000	-23.653	-0.50000	0.0	0.0	0.0
	-2.00000	28.00000	0.00000	-26.887	-0.50000	0.0	0.0	0.0
	-1.00000	28.00000	0.00000	-31.366	-0.50000	0.0	0.0	0.0
	0.00000	28.00000	0.00000	-40.427	-0.50000	0.0	0.0	0.0
	1.00000	28.00000	0.00000	-49.488	-0.50000	0.0	0.0	0.0
	2.00000	28.00000	0.00000	-53.970	-0.50000	0.0	0.0	0.0
	3.00000	28.00000	0.00000	-57.206	-0.50000	0.0	0.0	0.0
	4.00000	28.00000	0.00000	-59.761	-0.50000	0.0	0.0	0.0
	5.00000	28.00000	0.00000	-61.869	-0.50000	0.0	0.0	0.0
	6.00000	28.00000	0.00000	-63.655	-0.50000	0.0	0.0	0.0
	7.00000	28.00000	0.00000	-65.195	-0.50000	0.0	0.0	0.0
	8.00000	28.00000	0.00000	-66.538	-0.50000	0.0	0.0	0.0
	9.00000	28.00000	0.00000	-67.721	-0.50000	0.0	0.0	0.0
	10.00000	28.00000	0.00000	-68.771	-0.50000	0.0	0.0	0.0
	11.00000	28.00000	0.00000	-69.709	-0.50000	0.0	0.0	0.0
	12.00000	28.00000	0.00000	-70.553	-0.50000	0.0	0.0	0.0
	13.00000	28.00000	0.00000	-71.320	-0.50000	0.0	0.0	0.0
	14.00000	28.00000	0.00000	-72.026	-0.50000	0.0	0.0	0.0
	15.00000	28.00000	0.00000	-72.688	-0.50000	0.0	0.0	0.0
	16.00000	28.00000	0.00000	-73.325	-0.50000	0.0	0.0	0.0
	17.00000	28.00000	0.00000	-73.963	-0.50000	0.0	0.0	0.0
	18.00000	28.00000	0.00000	-74.636	-0.50000	0.0	0.0	0.0
	19.00000	28.00000	0.00000	-75.396	-0.50000	0.0	0.0	0.0
	20.00000	28.00000	0.00000	-76.319	-0.50000	0.0	0.0	0.0
	21.00000	28.00000	0.00000	-77.510	-0.50000	0.0	0.0	0.0
	22.00000	28.00000	0.00000	-79.002	-0.50000	0.0	0.0	0.0
	23.00000	28.00000	0.00000	-80.401	-0.50000	0.0	0.0	0.0
	24.00000	28.00000	0.00000	-81.310	-0.50000	0.0	0.0	0.0
	25.00000	28.00000	0.00000	-81.759	-0.50000	0.0	0.0	0.0
	26.00000	28.00000	0.00000	-81.843	-0.50000	0.0	0.0	0.0
	27.00000	28.00000	0.00000	-81.628	-0.50000	0.0	0.0	0.0
	28.00000	28.00000	0.00000	-81.148	-0.50000	0.0	0.0	0.0
	29.00000	28.00000	0.00000	-80.418	-0.50000	0.0	0.0	0.0
	30.00000	28.00000	0.00000	-79.431	-0.50000	0.0	0.0	0.0
	31.00000	28.00000	0.00000	-78.167	-0.50000	0.0	0.0	0.0
	32.00000	28.00000	0.00000	-76.588	-0.50000	0.0	0.0	0.0
	33.00000	28.00000	0.00000	-74.630	-0.50000	0.0	0.0	0.0
	34.00000	28.00000	0.00000	-72.190	-0.50000	0.0	0.0	0.0
	35.00000	28.00000	0.00000	-69.099	-0.50000	0.0	0.0	0.0
	36.00000	28.00000	0.00000	-65.050	-0.50000	0.0	0.0	0.0
	37.00000	28.00000	0.00000	-59.373	-0.50000	0.0	0.0	0.0
	38.00000	28.00000	0.00000	-48.704	-0.50000	0.0	0.0	0.0
	39.00000	28.00000	0.00000	-38.015	-0.50000	0.0	0.0	0.0
	40.00000	28.00000	0.00000	-32.280	-0.50000	0.0	0.0	0.0
	41.00000	28.00000	0.00000	-28.129	-0.50000	0.0	0.0	0.0
	42.00000	28.00000	0.00000	-24.895	-0.50000	0.0	0.0	0.0
	43.00000	28.00000	0.00000	-22.266	-0.50000	0.0	0.0	0.0
	44.00000	28.00000	0.00000	-20.068	-0.50000	0.0	0.0	0.0
	45.00000	28.00000	0.00000	-18.193	-0.50000	0.0	0.0	0.0
	46.00000	28.00000	0.00000	-16.569	-0.50000	0.0	0.0	0.0
	47.00000	28.00000	0.00000	-15.147	-0.50000	0.0	0.0	0.0
	48.00000	28.00000	0.00000	-13.889	-0.50000	0.0	0.0	0.0
	49.00000	28.00000	0.00000	-12.768	-0.50000	0.0	0.0	0.0
	50.00000	28.00000	0.00000	-11.764	-0.50000	0.0	0.0	0.0
	51.00000	28.00000	0.00000	-10.859	-0.50000	0.0	0.0	0.0
	52.00000	28.00000	0.00000	-10.040	-0.50000	0.0	0.0	0.0
	53.00000	28.00000	0.00000	-9.2956	-0.50000	0.0	0.0	0.0
	54.00000	28.00000	0.00000	-8.6176	-0.50000	0.0	0.0	0.0
	55.00000	28.00000	0.00000	-7.9979	-0.50000	0.0	0.0	0.0
	56.00000	28.00000	0.00000	-7.4302	-0.50000	0.0	0.0	0.0
	57.00000	28.00000	0.00000	-6.9089	-0.50000	0.0	0.0	0.0
	58.00000	28.00000	0.00000	-6.4294	-0.50000	0.0	0.0	0.0
	59.00000	28.00000	0.00000	-5.9876	-0.50000	0.0	0.0	0.0
	60.00000	28.00000	0.00000	-5.5797	-0.50000	0.0	0.0	0.0
	-20.00000	29.00000	0.00000	-5.5284	-0.50000	0.0	0.0	0.0
	-19.00000	29.00000	0.00000	-5.9313	-0.50000	0.0	0.0	0.0
	-18.00000	29.00000	0.00000	-6.3678	-0.50000	0.0	0.0	0.0
	-17.00000	29.00000	0.00000	-6.8415	-0.50000	0.0	0.0	0.0
	-16.00000	29.00000	0.00000	-7.3564	-0.50000	0.0	0.0	0.0
	-15.00000	29.00000	0.00000	-7.9173	-0.50000	0.0	0.0	0.0
	-14.00000	29.00000	0.00000	-8.5295	-0.50000	0.0	0.0	0.0
	-13.00000	29.00000	0.00000	-9.1995	-0.50000	0.0	0.0	0.0
	-12.00000	29.00000	0.00000	-9.9349	-0.50000	0.0	0.0	0.0
	-11.00000	29.00000	0.00000	-10.745	-0.50000	0.0	0.0	0.0
	-10.00000	29.00000	0.00000	-11.640	-0.50000	0.0	0.0	0.0
	-9.00000	29.00000	0.00000	-12.634	-0.50000	0.0	0.0	0.0
	-8.00000	29.00000	0.00000	-13.745	-0.50000	0.0	0.0	0.0
	-7.00000	29.00000	0.00000	-14.993	-0.50000	0.0	0.0	0.0
	-6.00000	29.00000	0.00000	-16.407	-0.50000	0.0	0.0	0.0
	-5.00000	29.00000	0.00000	-18.028	-0.50000	0.0	0.0	0.0
	-4.00000	29.00000	0.00000	-19.912	-0.50000	0.0	0.0	0.0
	-3.00000	29.00000	0.00000	-22.148	-0.50000	0.0	0.0	0.0
	-2.00000	29.00000	0.00000	-24.889	-0.50000	0.0	0.0	0.0
	-1.00000	29.00000	0.00000	-28.464	-0.50000	0.0	0.0	0.0
	0.00000	29.00000	0.00000	-34.543	-0.50000	0.0	0.0	0.0
	1.00000	29.00000	0.00000	-40.622	-0.50000	0.0	0.0	0.0
	2.00000	29.00000	0.00000	-44.197	-0.50000	0.0	0.0	0.0
	3.00000	29.00000	0.00000	-46.938	-0.50000	0.0	0.0	0.0
	4.00000	29.00000	0.00000	-49.173	-0.50000	0.0	0.0	0.0
	5.00000	29.00000	0.00000	-51.056	-0.50000	0.0	0.0	0.0
	6.00000	29.00000	0.00000	-52.673	-0.50000	0.0	0.0	0.0
	7.00000	29.00000	0.00000	-54.082	-0.50000	0.0	0.0	0.0
	8.00000	29.00000	0.00000	-55.322	-0.50000	0.0	0.0	0.0
	9.00000	29.00000	0.00000	-56.422	-0.50000	0.0	0.0	0.0
	10.00000	29.00000	0.00000	-57.406	-0.50000	0.0	0.0	0.0
	11.00000	29.00000	0.00000	-58.290	-0.50000	0.0	0.0	0.0
	12.00000	29.00000	0.00000	-59.093	-0.50000	0.0	0.0	0.0
	13.00000	29.00000	0.00000	-59.829	-0.50000	0.0	0.0	0.0
	14.00000	29.00000	0.00000	-60.513	-0.50000	0.0	0.0	0.0
	15.00000	29.00000	0.00000	-61.165	-0.50000	0.0	0.0	0.0
	16.00000	29.00000	0.00000	-61.806	-0.50000	0.0	0.0	0.0
	17.00000	29.00000	0.00000	-62.467	-0.50000	0.0	0.0	0.0
	18.00000	29.00000	0.00000	-63.196	-0.50000	0.0	0.0	0.0
	19.00000	29.00000	0.00000	-64.072	-0.50000	0.0	0.0	0.0
	20.00000	29.00000	0.00000	-65.247	-0.50000	0.0	0.0	0.0
	21.00000	29.00000	0.00000	-67.062	-0.50000	0.0	0.0	0.0
	22.00000	29.00000	0.00000	-71.227	-0.50000	0.0	0.0	0.0
	23.00000	29.00000	0.00000	-75.303	-0.50000	0.0	0.0	0.0
	24.00000	29.00000	0.00000	-76.850	-0.50000	0.0	0.0	0.0
	25.00000	29.00000	0.00000	-77.575	-0.50000	0.0	0.0	0.0
	26.00000	29.00000	0.00000	-77.811	-0.50000	0.0	0.0

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	30.00000	29.00000	0.00000	-75.752	-0.50000	0.0	0.0	0.0
	31.00000	29.00000	0.00000	-74.583	-0.50000	0.0	0.0	0.0
	32.00000	29.00000	0.00000	-73.115	-0.50000	0.0	0.0	0.0
	33.00000	29.00000	0.00000	-71.289	-0.50000	0.0	0.0	0.0
	34.00000	29.00000	0.00000	-69.012	-0.50000	0.0	0.0	0.0
	35.00000	29.00000	0.00000	-66.120	-0.50000	0.0	0.0	0.0
	36.00000	29.00000	0.00000	-62.314	-0.50000	0.0	0.0	0.0
	37.00000	29.00000	0.00000	-56.926	-0.50000	0.0	0.0	0.0
	38.00000	29.00000	0.00000	-46.577	-0.50000	0.0	0.0	0.0
	39.00000	29.00000	0.00000	-36.208	-0.50000	0.0	0.0	0.0
	40.00000	29.00000	0.00000	-30.761	-0.50000	0.0	0.0	0.0
	41.00000	29.00000	0.00000	-26.854	-0.50000	0.0	0.0	0.0
	42.00000	29.00000	0.00000	-23.818	-0.50000	0.0	0.0	0.0
	43.00000	29.00000	0.00000	-21.350	-0.50000	0.0	0.0	0.0
	44.00000	29.00000	0.00000	-19.283	-0.50000	0.0	0.0	0.0
	45.00000	29.00000	0.00000	-17.515	-0.50000	0.0	0.0	0.0
	46.00000	29.00000	0.00000	-15.980	-0.50000	0.0	0.0	0.0
	47.00000	29.00000	0.00000	-14.632	-0.50000	0.0	0.0	0.0
	48.00000	29.00000	0.00000	-13.437	-0.50000	0.0	0.0	0.0
	49.00000	29.00000	0.00000	-12.370	-0.50000	0.0	0.0	0.0
	50.00000	29.00000	0.00000	-11.412	-0.50000	0.0	0.0	0.0
	51.00000	29.00000	0.00000	-10.546	-0.50000	0.0	0.0	0.0
	52.00000	29.00000	0.00000	-9.7610	-0.50000	0.0	0.0	0.0
	53.00000	29.00000	0.00000	-9.0467	-0.50000	0.0	0.0	0.0
	54.00000	29.00000	0.00000	-8.3947	-0.50000	0.0	0.0	0.0
	55.00000	29.00000	0.00000	-7.7979	-0.50000	0.0	0.0	0.0
	56.00000	29.00000	0.00000	-7.2504	-0.50000	0.0	0.0	0.0
	57.00000	29.00000	0.00000	-6.7470	-0.50000	0.0	0.0	0.0
	58.00000	29.00000	0.00000	-6.2832	-0.50000	0.0	0.0	0.0
	59.00000	29.00000	0.00000	-5.8554	-0.50000	0.0	0.0	0.0
	60.00000	29.00000	0.00000	-5.4601	-0.50000	0.0	0.0	0.0
	-20.00000	30.00000	0.00000	-5.3894	-0.50000	0.0	0.0	0.0
	-19.00000	30.00000	0.00000	-5.7772	-0.50000	0.0	0.0	0.0
	-18.00000	30.00000	0.00000	-6.1965	-0.50000	0.0	0.0	0.0
	-17.00000	30.00000	0.00000	-6.6506	-0.50000	0.0	0.0	0.0
	-16.00000	30.00000	0.00000	-7.1432	-0.50000	0.0	0.0	0.0
	-15.00000	30.00000	0.00000	-7.6784	-0.50000	0.0	0.0	0.0
	-14.00000	30.00000	0.00000	-8.2610	-0.50000	0.0	0.0	0.0
	-13.00000	30.00000	0.00000	-8.8967	-0.50000	0.0	0.0	0.0
	-12.00000	30.00000	0.00000	-9.5921	-0.50000	0.0	0.0	0.0
	-11.00000	30.00000	0.00000	-10.355	-0.50000	0.0	0.0	0.0
	-10.00000	30.00000	0.00000	-11.194	-0.50000	0.0	0.0	0.0
	-9.00000	30.00000	0.00000	-12.121	-0.50000	0.0	0.0	0.0
	-8.00000	30.00000	0.00000	-13.149	-0.50000	0.0	0.0	0.0
	-7.00000	30.00000	0.00000	-14.296	-0.50000	0.0	0.0	0.0
	-6.00000	30.00000	0.00000	-15.583	-0.50000	0.0	0.0	0.0
	-5.00000	30.00000	0.00000	-17.038	-0.50000	0.0	0.0	0.0
	-4.00000	30.00000	0.00000	-18.699	-0.50000	0.0	0.0	0.0
	-3.00000	30.00000	0.00000	-20.617	-0.50000	0.0	0.0	0.0
	-2.00000	30.00000	0.00000	-22.865	-0.50000	0.0	0.0	0.0
	-1.00000	30.00000	0.00000	-25.533	-0.50000	0.0	0.0	0.0
	0.00000	30.00000	0.00000	-28.630	-0.50000	0.0	0.0	0.0
	1.00000	30.00000	0.00000	-31.726	-0.50000	0.0	0.0	0.0
	2.00000	30.00000	0.00000	-34.393	-0.50000	0.0	0.0	0.0
	3.00000	30.00000	0.00000	-36.639	-0.50000	0.0	0.0	0.0
	4.00000	30.00000	0.00000	-38.553	-0.50000	0.0	0.0	0.0
	5.00000	30.00000	0.00000	-40.209	-0.50000	0.0	0.0	0.0
	6.00000	30.00000	0.00000	-41.658	-0.50000	0.0	0.0	0.0
	7.00000	30.00000	0.00000	-42.936	-0.50000	0.0	0.0	0.0
	8.00000	30.00000	0.00000	-44.072	-0.50000	0.0	0.0	0.0
	9.00000	30.00000	0.00000	-45.089	-0.50000	0.0	0.0	0.0
	10.00000	30.00000	0.00000	-46.005	-0.50000	0.0	0.0	0.0
	11.00000	30.00000	0.00000	-46.834	-0.50000	0.0	0.0	0.0
	12.00000	30.00000	0.00000	-47.593	-0.50000	0.0	0.0	0.0
	13.00000	30.00000	0.00000	-48.294	-0.50000	0.0	0.0	0.0
	14.00000	30.00000	0.00000	-48.953	-0.50000	0.0	0.0	0.0
	15.00000	30.00000	0.00000	-49.588	-0.50000	0.0	0.0	0.0
	16.00000	30.00000	0.00000	-50.223	-0.50000	0.0	0.0	0.0
	17.00000	30.00000	0.00000	-50.891	-0.50000	0.0	0.0	0.0
	18.00000	30.00000	0.00000	-51.649	-0.50000	0.0	0.0	0.0
	19.00000	30.00000	0.00000	-52.598	-0.50000	0.0	0.0	0.0
	20.00000	30.00000	0.00000	-53.948	-0.50000	0.0	0.0	0.0
	21.00000	30.00000	0.00000	-56.260	-0.50000	0.0	0.0	0.0
	22.00000	30.00000	0.00000	-62.923	-0.50000	0.0	0.0	0.0
	23.00000	30.00000	0.00000	-69.501	-0.50000	0.0	0.0	0.0
	24.00000	30.00000	0.00000	-71.561	-0.50000	0.0	0.0	0.0
	25.00000	30.00000	0.00000	-72.487	-0.50000	0.0	0.0	0.0
	26.00000	30.00000	0.00000	-72.833	-0.50000	0.0	0.0	0.0
	27.00000	30.00000	0.00000	-72.800	-0.50000	0.0	0.0	0.0
	28.00000	30.00000	0.00000	-72.476	-0.50000	0.0	0.0	0.0
	29.00000	30.00000	0.00000	-71.900	-0.50000	0.0	0.0	0.0
	30.00000	30.00000	0.00000	-71.080	-0.50000	0.0	0.0	0.0
	31.00000	30.00000	0.00000	-70.009	-0.50000	0.0	0.0	0.0
	32.00000	30.00000	0.00000	-68.659	-0.50000	0.0	0.0	0.0
	33.00000	30.00000	0.00000	-66.981	-0.50000	0.0	0.0	0.0
	34.00000	30.00000	0.00000	-64.890	-0.50000	0.0	0.0	0.0
	35.00000	30.00000	0.00000	-62.242	-0.50000	0.0	0.0	0.0
	36.00000	30.00000	0.00000	-58.755	-0.50000	0.0	0.0	0.0
	37.00000	30.00000	0.00000	-53.783	-0.50000	0.0	0.0	0.0
	38.00000	30.00000	0.00000	-43.930	-0.50000	0.0	0.0	0.0
	39.00000	30.00000	0.00000	-34.057	-0.50000	0.0	0.0	0.0
	40.00000	30.00000	0.00000	-29.025	-0.50000	0.0	0.0	0.0
	41.00000	30.00000	0.00000	-25.439	-0.50000	0.0	0.0	0.0
	42.00000	30.00000	0.00000	-22.647	-0.50000	0.0	0.0	0.0
	43.00000	30.00000	0.00000	-20.366	-0.50000	0.0	0.0	0.0
	44.00000	30.00000	0.00000	-18.447	-0.50000	0.0	0.0	0.0
	45.00000	30.00000	0.00000	-16.798	-0.50000	0.0	0.0	0.0
	46.00000	30.00000	0.00000	-15.360	-0.50000	0.0	0.0	0.0
	47.00000	30.00000	0.00000	-14.092	-0.50000	0.0	0.0	0.0
	48.00000	30.00000	0.00000	-12.964	-0.50000	0.0	0.0	0.0
	49.00000	30.00000	0.00000	-11.953	-0.50000	0.0	0.0	0.0
	50.00000	30.00000	0.00000	-11.043	-0.50000	0.0	0.0	0.0
	51.00000	30.00000	0.00000	-10.218	-0.50000	0.0	0.0	0.0
	52.00000	30.00000	0.00000	-9.4694	-0.50000	0.0	0.0	0.0
	53.00000	30.00000	0.00000	-8.7863	-0.50000	0.0	0.0	0.0
	54.00000	30.00000	0.00000	-8.1615	-0.50000	0.0	0.0	0.0
	55.00000	30.00000	0.00000	-7.5886	-0.50000	0.0	0.0	0.0
	56.00000	30.00000	0.00000	-7.0620	-0.50000	0.0	0.0	0.0
	57.00000	30.00000	0.00000	-6.5772	-0.50000	0.0	0.0	0.0
	58.00000	30.00000	0.00000	-6.1299	-0.50000	0.0	0.0	0.0
	59.00000	30.00000	0.00000	-5.7167	-0.50000	0.0	0.0	0.0
	60.00000	30.00000	0.00000	-5.3344	-0.50000	0.0	0.0	0.0
	-20.00000	31.00000	0.00000	-5.2454	-0.50000	0.0	0.0	0.0
	-19.00000	31.00000	0.00000	-5.6176	-0.50000	0.0	0.0	0.0
	-18.00000	31.00000	0.00000	-6.0193	-0.50000	0.0	0.0	0.0
	-17.00000	31.00000	0.00000	-6.4534	-0.50000	0.0	0.0	0.0
	-16.00000	31.00000	0.00000	-6.9232	-0.50000	0.0	0.0	0.0
	-15.00000	31.00000	0.00000	-7.4323	-0.50000	0.0	0.0	0.0
	-14.00000	31.00000	0.00000	-7.9850	-0.50000	0.0	0.0	0.0
	-13.00000	31.00000	0.00000	-8.5860	-0.50000	0.0	0.0	0.0
	-12.00000	31.00000	0.00000	-9.2408	-0.50000	0.0	0.0	0.0
	-11.00000	31.00000	0.00000	-9.9561	-0.50000	0.0	0.0	0.0
	-10.00000	31.00000	0.00000	-10.739	-0.50000	0.0	0.0	0.0
	-9.00000	31.00000	0.00000	-11.599	-0.50000	0.0	0.0	0.0
	-8.00000	31.00000	0.00000	-12.546	-0.50000	0.0	0.0	0.0
	-7.00000	31.00000	0.00000	-13.594	-0.50000	0.0	0.0	0.0
	-6.00000	31.00000	0.00000	-14.756	-0.50000	0.0	0.0	0.0
	-5.00000	31.00000	0.00000	-16.052	-0.50000	0.0	0.0	0.0
	-4.00000	31.00000	0.00000	-17.503	-0.50000	0.0	0.0	0.0
	-3.00000	31.00000	0.00000	-19.133	-0.50000	0.0	0.0	0.0
	-2.00000	31.00000	0.00000	-20.966	-0.50000	0.0	0.0	0.0
	-1.00000	31.00000	0.00000	-23.006	-0.50000	0.0	0.0	0.0
	0.00000	31.00000	0.00000	-25.195	-0.50000	0.0	0.0	0.0
	1.00000	31.00000	0.00000	-27.383	-0.50000	0.0	0.0	0.0
	2.00000	31.00000	0.00000	-29.421	-0.50000	0.0	0.0	0.0
	3.00000	31.00000	0.00000	-31.250	-0.50000	0.0	0.0	0.0
	4.00000	31.00000	0.00000	-32.875	-0.50000	0.0	0.0	0.0
	5.00000	31.00000	0.00000	-34.319	-0.50000	0.0	0.0	0.0
	6.00000	31.00000	0.00000	-35.606	-0.50000	0.0	0.0	0.0
	7.00000	31.00000	0.00000	-36.757	-0.50000	0.0	0.0	0.0
	8.00000	31.00000	0.00000	-37.792	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	9.00000	31.00000	0.00000	-38.727	-0.50000	0.0	0.0	0.0
	10.00000	31.00000	0.00000	-39.575	-0.50000	0.0	0.0	0.0
	11.00000	31.00000	0.00000	-40.349	-0.50000	0.0	0.0	0.0
	12.00000	31.00000	0.00000	-41.061	-0.50000	0.0	0.0	0.0
	13.00000	31.00000	0.00000	-41.725	-0.50000	0.0	0.0	0.0
	14.00000	31.00000	0.00000	-42.353	-0.50000	0.0	0.0	0.0
	15.00000	31.00000	0.00000	-42.964	-0.50000	0.0	0.0	0.0
	16.00000	31.00000	0.00000	-43.579	-0.50000	0.0	0.0	0.0
	17.00000	31.00000	0.00000	-44.234	-0.50000	0.0	0.0	0.0
	18.00000	31.00000	0.00000	-44.983	-0.50000	0.0	0.0	0.0
	19.00000	31.00000	0.00000	-45.927	-0.50000	0.0	0.0	0.0
	20.00000	31.00000	0.00000	-47.279	-0.50000	0.0	0.0	0.0
	21.00000	31.00000	0.00000	-49.595	-0.50000	0.0	0.0	0.0
	22.00000	31.00000	0.00000	-56.268	-0.50000	0.0	0.0	0.0
	23.00000	31.00000	0.00000	-62.861	-0.50000	0.0	0.0	0.0
	24.00000	31.00000	0.00000	-64.942	-0.50000	0.0	0.0	0.0
	25.00000	31.00000	0.00000	-65.895	-0.50000	0.0	0.0	0.0
	26.00000	31.00000	0.00000	-66.274	-0.50000	0.0	0.0	0.0
	27.00000	31.00000	0.00000	-66.283	-0.50000	0.0	0.0	0.0
	28.00000	31.00000	0.00000	-66.012	-0.50000	0.0	0.0	0.0
	29.00000	31.00000	0.00000	-65.499	-0.50000	0.0	0.0	0.0
	30.00000	31.00000	0.00000	-64.758	-0.50000	0.0	0.0	0.0
	31.00000	31.00000	0.00000	-63.785	-0.50000	0.0	0.0	0.0
	32.00000	31.00000	0.00000	-62.558	-0.50000	0.0	0.0	0.0
	33.00000	31.00000	0.00000	-61.039	-0.50000	0.0	0.0	0.0
	34.00000	31.00000	0.00000	-59.158	-0.50000	0.0	0.0	0.0
	35.00000	31.00000	0.00000	-56.797	-0.50000	0.0	0.0	0.0
	36.00000	31.00000	0.00000	-53.725	-0.50000	0.0	0.0	0.0
	37.00000	31.00000	0.00000	-49.382	-0.50000	0.0	0.0	0.0
	38.00000	31.00000	0.00000	-40.437	-0.50000	0.0	0.0	0.0
	39.00000	31.00000	0.00000	-31.472	-0.50000	0.0	0.0	0.0
	40.00000	31.00000	0.00000	-27.070	-0.50000	0.0	0.0	0.0
	41.00000	31.00000	0.00000	-23.900	-0.50000	0.0	0.0	0.0
	42.00000	31.00000	0.00000	-21.397	-0.50000	0.0	0.0	0.0
	43.00000	31.00000	0.00000	-19.329	-0.50000	0.0	0.0	0.0
	44.00000	31.00000	0.00000	-17.572	-0.50000	0.0	0.0	0.0
	45.00000	31.00000	0.00000	-16.050	-0.50000	0.0	0.0	0.0
	46.00000	31.00000	0.00000	-14.715	-0.50000	0.0	0.0	0.0
	47.00000	31.00000	0.00000	-13.531	-0.50000	0.0	0.0	0.0
	48.00000	31.00000	0.00000	-12.472	-0.50000	0.0	0.0	0.0
	49.00000	31.00000	0.00000	-11.521	-0.50000	0.0	0.0	0.0
	50.00000	31.00000	0.00000	-10.660	-0.50000	0.0	0.0	0.0
	51.00000	31.00000	0.00000	-9.8791	-0.50000	0.0	0.0	0.0
	52.00000	31.00000	0.00000	-9.1671	-0.50000	0.0	0.0	0.0
	53.00000	31.00000	0.00000	-8.5161	-0.50000	0.0	0.0	0.0
	54.00000	31.00000	0.00000	-7.9194	-0.50000	0.0	0.0	0.0
	55.00000	31.00000	0.00000	-7.3712	-0.50000	0.0	0.0	0.0
	56.00000	31.00000	0.00000	-6.8664	-0.50000	0.0	0.0	0.0
	57.00000	31.00000	0.00000	-6.4007	-0.50000	0.0	0.0	0.0
	58.00000	31.00000	0.00000	-5.9705	-0.50000	0.0	0.0	0.0
	59.00000	31.00000	0.00000	-5.5724	-0.50000	0.0	0.0	0.0
	60.00000	31.00000	0.00000	-5.2036	-0.50000	0.0	0.0	0.0
	-20.00000	32.00000	0.00000	-5.0972	-0.50000	0.0	0.0	0.0
	-19.00000	32.00000	0.00000	-5.4536	-0.50000	0.0	0.0	0.0
	-18.00000	32.00000	0.00000	-5.8375	-0.50000	0.0	0.0	0.0
	-17.00000	32.00000	0.00000	-6.2514	-0.50000	0.0	0.0	0.0
	-16.00000	32.00000	0.00000	-6.6982	-0.50000	0.0	0.0	0.0
	-15.00000	32.00000	0.00000	-7.1811	-0.50000	0.0	0.0	0.0
	-14.00000	32.00000	0.00000	-7.7037	-0.50000	0.0	0.0	0.0
	-13.00000	32.00000	0.00000	-8.2700	-0.50000	0.0	0.0	0.0
	-12.00000	32.00000	0.00000	-8.8847	-0.50000	0.0	0.0	0.0
	-11.00000	32.00000	0.00000	-9.5530	-0.50000	0.0	0.0	0.0
	-10.00000	32.00000	0.00000	-10.281	-0.50000	0.0	0.0	0.0
	-9.00000	32.00000	0.00000	-11.075	-0.50000	0.0	0.0	0.0
	-8.00000	32.00000	0.00000	-11.944	-0.50000	0.0	0.0	0.0
	-7.00000	32.00000	0.00000	-12.896	-0.50000	0.0	0.0	0.0
	-6.00000	32.00000	0.00000	-13.941	-0.50000	0.0	0.0	0.0
	-5.00000	32.00000	0.00000	-15.090	-0.50000	0.0	0.0	0.0
	-4.00000	32.00000	0.00000	-16.354	-0.50000	0.0	0.0	0.0
	-3.00000	32.00000	0.00000	-17.741	-0.50000	0.0	0.0	0.0
	-2.00000	32.00000	0.00000	-19.254	-0.50000	0.0	0.0	0.0
	-1.00000	32.00000	0.00000	-20.878	-0.50000	0.0	0.0	0.0
	0.00000	32.00000	0.00000	-22.571	-0.50000	0.0	0.0	0.0
	1.00000	32.00000	0.00000	-24.262	-0.50000	0.0	0.0	0.0
	2.00000	32.00000	0.00000	-25.883	-0.50000	0.0	0.0	0.0
	3.00000	32.00000	0.00000	-27.391	-0.50000	0.0	0.0	0.0
	4.00000	32.00000	0.00000	-28.772	-0.50000	0.0	0.0	0.0
	5.00000	32.00000	0.00000	-30.027	-0.50000	0.0	0.0	0.0
	6.00000	32.00000	0.00000	-31.165	-0.50000	0.0	0.0	0.0
	7.00000	32.00000	0.00000	-32.197	-0.50000	0.0	0.0	0.0
	8.00000	32.00000	0.00000	-33.136	-0.50000	0.0	0.0	0.0
	9.00000	32.00000	0.00000	-33.990	-0.50000	0.0	0.0	0.0
	10.00000	32.00000	0.00000	-34.772	-0.50000	0.0	0.0	0.0
	11.00000	32.00000	0.00000	-35.490	-0.50000	0.0	0.0	0.0
	12.00000	32.00000	0.00000	-36.155	-0.50000	0.0	0.0	0.0
	13.00000	32.00000	0.00000	-36.778	-0.50000	0.0	0.0	0.0
	14.00000	32.00000	0.00000	-37.371	-0.50000	0.0	0.0	0.0
	15.00000	32.00000	0.00000	-37.950	-0.50000	0.0	0.0	0.0
	16.00000	32.00000	0.00000	-38.534	-0.50000	0.0	0.0	0.0
	17.00000	32.00000	0.00000	-39.155	-0.50000	0.0	0.0	0.0
	18.00000	32.00000	0.00000	-39.857	-0.50000	0.0	0.0	0.0
	19.00000	32.00000	0.00000	-40.720	-0.50000	0.0	0.0	0.0
	20.00000	32.00000	0.00000	-41.897	-0.50000	0.0	0.0	0.0
	21.00000	32.00000	0.00000	-43.726	-0.50000	0.0	0.0	0.0
	22.00000	32.00000	0.00000	-47.921	-0.50000	0.0	0.0	0.0
	23.00000	32.00000	0.00000	-52.042	-0.50000	0.0	0.0	0.0
	24.00000	32.00000	0.00000	-53.651	-0.50000	0.0	0.0	0.0
	25.00000	32.00000	0.00000	-54.455	-0.50000	0.0	0.0	0.0
	26.00000	32.00000	0.00000	-54.793	-0.50000	0.0	0.0	0.0
	27.00000	32.00000	0.00000	-54.806	-0.50000	0.0	0.0	0.0
	28.00000	32.00000	0.00000	-54.566	-0.50000	0.0	0.0	0.0
	29.00000	32.00000	0.00000	-54.106	-0.50000	0.0	0.0	0.0
	30.00000	32.00000	0.00000	-53.438	-0.50000	0.0	0.0	0.0
	31.00000	32.00000	0.00000	-52.561	-0.50000	0.0	0.0	0.0
	32.00000	32.00000	0.00000	-51.459	-0.50000	0.0	0.0	0.0
	33.00000	32.00000	0.00000	-50.104	-0.50000	0.0	0.0	0.0
	34.00000	32.00000	0.00000	-48.446	-0.50000	0.0	0.0	0.0
	35.00000	32.00000	0.00000	-46.403	-0.50000	0.0	0.0	0.0
	36.00000	32.00000	0.00000	-43.825	-0.50000	0.0	0.0	0.0
	37.00000	32.00000	0.00000	-40.390	-0.50000	0.0	0.0	0.0
	38.00000	32.00000	0.00000	-34.428	-0.50000	0.0	0.0	0.0
	39.00000	32.00000	0.00000	-28.448	-0.50000	0.0	0.0	0.0
	40.00000	32.00000	0.00000	-24.955	-0.50000	0.0	0.0	0.0
	41.00000	32.00000	0.00000	-22.281	-0.50000	0.0	0.0	0.0
	42.00000	32.00000	0.00000	-20.100	-0.50000	0.0	0.0	0.0
	43.00000	32.00000	0.00000	-18.259	-0.50000	0.0	0.0	0.0
	44.00000	32.00000	0.00000	-16.672	-0.50000	0.0	0.0	0.0
	45.00000	32.00000	0.00000	-15.282	-0.50000	0.0	0.0	0.0
	46.00000	32.00000	0.00000	-14.053	-0.50000	0.0	0.0	0.0
	47.00000	32.00000	0.00000	-12.955	-0.50000	0.0	0.0	0.0
	48.00000	32.00000	0.00000	-11.968	-0.50000	0.0	0.0	0.0
	49.00000	32.00000	0.00000	-11.077	-0.50000	0.0	0.0	0.0
	50.00000	32.00000	0.00000	-10.268	-0.50000	0.0	0.0	0.0
	51.00000	32.00000	0.00000	-9.5304	-0.50000	0.0	0.0	0.0
	52.00000	32.00000	0.00000	-8.8562	-0.50000	0.0	0.0	0.0
	53.00000	32.00000	0.00000	-8.2382	-0.50000	0.0	0.0	0.0
	54.00000	32.00000	0.00000	-7.6702	-0.50000	0.0	0.0	0.0
	55.00000	32.00000	0.00000	-7.1471	-0.50000	0.0	0.0	0.0
	56.00000	32.00000	0.00000	-6.6645	-0.50000	0.0	0.0	0.0
	57.00000	32.00000	0.00000	-6.2185	-0.50000	0.0	0.0	0.0
	58.00000	32.00000	0.00000	-5.8057	-0.50000	0.0	0.0	0.0
	59.00000	32.00000	0.00000	-5.4232	-0.50000	0.0	0.0	0.0
	60.00000	32.00000	0.00000	-5.0682	-0.50000	0.0	0.0	0.0
	-20.00000	33.00000	0.00000	-4.9458	-0.50000	0.0	0.0	0.0
	-19.00000	33.00000	0.00000	-5.2863	-0.50000	0.0	0.0	0.0
	-18.00000	33.00000	0.00000	-5.6523	-0.50000	0.0	0.0	0.0
	-17.00000	33.00000	0.00000	-6.0460	-0.50000	0.0	0.0	0.0
	-16.00000	33.00000	0.00000	-6.

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-12.00000	33.00000	0.00000	-8.5267	-0.50000	0.0	0.0	0.0
	-11.00000	33.00000	0.00000	-9.1492	-0.50000	0.0	0.0	0.0
	-10.00000	33.00000	0.00000	-9.8236	-0.50000	0.0	0.0	0.0
	-9.00000	33.00000	0.00000	-10.555	-0.50000	0.0	0.0	0.0
	-8.00000	33.00000	0.00000	-11.349	-0.50000	0.0	0.0	0.0
	-7.00000	33.00000	0.00000	-12.212	-0.50000	0.0	0.0	0.0
	-6.00000	33.00000	0.00000	-13.149	-0.50000	0.0	0.0	0.0
	-5.00000	33.00000	0.00000	-14.167	-0.50000	0.0	0.0	0.0
	-4.00000	33.00000	0.00000	-15.269	-0.50000	0.0	0.0	0.0
	-3.00000	33.00000	0.00000	-16.458	-0.50000	0.0	0.0	0.0
	-2.00000	33.00000	0.00000	-17.727	-0.50000	0.0	0.0	0.0
	-1.00000	33.00000	0.00000	-19.061	-0.50000	0.0	0.0	0.0
	0.00000	33.00000	0.00000	-20.432	-0.50000	0.0	0.0	0.0
	1.00000	33.00000	0.00000	-21.802	-0.50000	0.0	0.0	0.0
	2.00000	33.00000	0.00000	-23.132	-0.50000	0.0	0.0	0.0
	3.00000	33.00000	0.00000	-24.395	-0.50000	0.0	0.0	0.0
	4.00000	33.00000	0.00000	-25.576	-0.50000	0.0	0.0	0.0
	5.00000	33.00000	0.00000	-26.668	-0.50000	0.0	0.0	0.0
	6.00000	33.00000	0.00000	-27.673	-0.50000	0.0	0.0	0.0
	7.00000	33.00000	0.00000	-28.596	-0.50000	0.0	0.0	0.0
	8.00000	33.00000	0.00000	-29.444	-0.50000	0.0	0.0	0.0
	9.00000	33.00000	0.00000	-30.222	-0.50000	0.0	0.0	0.0
	10.00000	33.00000	0.00000	-30.939	-0.50000	0.0	0.0	0.0
	11.00000	33.00000	0.00000	-31.603	-0.50000	0.0	0.0	0.0
	12.00000	33.00000	0.00000	-32.220	-0.50000	0.0	0.0	0.0
	13.00000	33.00000	0.00000	-32.800	-0.50000	0.0	0.0	0.0
	14.00000	33.00000	0.00000	-33.355	-0.50000	0.0	0.0	0.0
	15.00000	33.00000	0.00000	-33.895	-0.50000	0.0	0.0	0.0
	16.00000	33.00000	0.00000	-34.439	-0.50000	0.0	0.0	0.0
	17.00000	33.00000	0.00000	-35.008	-0.50000	0.0	0.0	0.0
	18.00000	33.00000	0.00000	-35.638	-0.50000	0.0	0.0	0.0
	19.00000	33.00000	0.00000	-36.377	-0.50000	0.0	0.0	0.0
	20.00000	33.00000	0.00000	-37.302	-0.50000	0.0	0.0	0.0
	21.00000	33.00000	0.00000	-38.518	-0.50000	0.0	0.0	0.0
	22.00000	33.00000	0.00000	-40.059	-0.50000	0.0	0.0	0.0
	23.00000	33.00000	0.00000	-41.532	-0.50000	0.0	0.0	0.0
	24.00000	33.00000	0.00000	-42.543	-0.50000	0.0	0.0	0.0
	25.00000	33.00000	0.00000	-43.123	-0.50000	0.0	0.0	0.0
	26.00000	33.00000	0.00000	-43.374	-0.50000	0.0	0.0	0.0
	27.00000	33.00000	0.00000	-43.366	-0.50000	0.0	0.0	0.0
	28.00000	33.00000	0.00000	-43.141	-0.50000	0.0	0.0	0.0
	29.00000	33.00000	0.00000	-42.723	-0.50000	0.0	0.0	0.0
	30.00000	33.00000	0.00000	-42.121	-0.50000	0.0	0.0	0.0
	31.00000	33.00000	0.00000	-41.335	-0.50000	0.0	0.0	0.0
	32.00000	33.00000	0.00000	-40.355	-0.50000	0.0	0.0	0.0
	33.00000	33.00000	0.00000	-39.162	-0.50000	0.0	0.0	0.0
	34.00000	33.00000	0.00000	-37.726	-0.50000	0.0	0.0	0.0
	35.00000	33.00000	0.00000	-35.999	-0.50000	0.0	0.0	0.0
	36.00000	33.00000	0.00000	-33.916	-0.50000	0.0	0.0	0.0
	37.00000	33.00000	0.00000	-31.387	-0.50000	0.0	0.0	0.0
	38.00000	33.00000	0.00000	-28.410	-0.50000	0.0	0.0	0.0
	39.00000	33.00000	0.00000	-25.413	-0.50000	0.0	0.0	0.0
	40.00000	33.00000	0.00000	-22.829	-0.50000	0.0	0.0	0.0
	41.00000	33.00000	0.00000	-20.652	-0.50000	0.0	0.0	0.0
	42.00000	33.00000	0.00000	-18.792	-0.50000	0.0	0.0	0.0
	43.00000	33.00000	0.00000	-17.179	-0.50000	0.0	0.0	0.0
	44.00000	33.00000	0.00000	-15.762	-0.50000	0.0	0.0	0.0
	45.00000	33.00000	0.00000	-14.506	-0.50000	0.0	0.0	0.0
	46.00000	33.00000	0.00000	-13.382	-0.50000	0.0	0.0	0.0
	47.00000	33.00000	0.00000	-12.371	-0.50000	0.0	0.0	0.0
	48.00000	33.00000	0.00000	-11.457	-0.50000	0.0	0.0	0.0
	49.00000	33.00000	0.00000	-10.626	-0.50000	0.0	0.0	0.0
	50.00000	33.00000	0.00000	-9.8684	-0.50000	0.0	0.0	0.0
	51.00000	33.00000	0.00000	-9.1752	-0.50000	0.0	0.0	0.0
	52.00000	33.00000	0.00000	-8.5392	-0.50000	0.0	0.0	0.0
	53.00000	33.00000	0.00000	-7.9544	-0.50000	0.0	0.0	0.0
	54.00000	33.00000	0.00000	-7.4155	-0.50000	0.0	0.0	0.0
	55.00000	33.00000	0.00000	-6.9179	-0.50000	0.0	0.0	0.0
	56.00000	33.00000	0.00000	-6.4578	-0.50000	0.0	0.0	0.0
	57.00000	33.00000	0.00000	-6.0318	-0.50000	0.0	0.0	0.0
	58.00000	33.00000	0.00000	-5.6367	-0.50000	0.0	0.0	0.0
	59.00000	33.00000	0.00000	-5.2699	-0.50000	0.0	0.0	0.0
	60.00000	33.00000	0.00000	-4.9291	-0.50000	0.0	0.0	0.0
	-20.00000	34.00000	0.00000	-4.7921	-0.50000	0.0	0.0	0.0
	-19.00000	34.00000	0.00000	-5.1167	-0.50000	0.0	0.0	0.0
	-18.00000	34.00000	0.00000	-5.4648	-0.50000	0.0	0.0	0.0
	-17.00000	34.00000	0.00000	-5.8384	-0.50000	0.0	0.0	0.0
	-16.00000	34.00000	0.00000	-6.2395	-0.50000	0.0	0.0	0.0
	-15.00000	34.00000	0.00000	-6.6706	-0.50000	0.0	0.0	0.0
	-14.00000	34.00000	0.00000	-7.1341	-0.50000	0.0	0.0	0.0
	-13.00000	34.00000	0.00000	-7.6328	-0.50000	0.0	0.0	0.0
	-12.00000	34.00000	0.00000	-8.1697	-0.50000	0.0	0.0	0.0
	-11.00000	34.00000	0.00000	-8.7481	-0.50000	0.0	0.0	0.0
	-10.00000	34.00000	0.00000	-9.3715	-0.50000	0.0	0.0	0.0
	-9.00000	34.00000	0.00000	-10.043	-0.50000	0.0	0.0	0.0
	-8.00000	34.00000	0.00000	-10.768	-0.50000	0.0	0.0	0.0
	-7.00000	34.00000	0.00000	-11.549	-0.50000	0.0	0.0	0.0
	-6.00000	34.00000	0.00000	-12.389	-0.50000	0.0	0.0	0.0
	-5.00000	34.00000	0.00000	-13.291	-0.50000	0.0	0.0	0.0
	-4.00000	34.00000	0.00000	-14.256	-0.50000	0.0	0.0	0.0
	-3.00000	34.00000	0.00000	-15.282	-0.50000	0.0	0.0	0.0
	-2.00000	34.00000	0.00000	-16.362	-0.50000	0.0	0.0	0.0
	-1.00000	34.00000	0.00000	-17.483	-0.50000	0.0	0.0	0.0
	0.00000	34.00000	0.00000	-18.626	-0.50000	0.0	0.0	0.0
	1.00000	34.00000	0.00000	-19.768	-0.50000	0.0	0.0	0.0
	2.00000	34.00000	0.00000	-20.885	-0.50000	0.0	0.0	0.0
	3.00000	34.00000	0.00000	-21.959	-0.50000	0.0	0.0	0.0
	4.00000	34.00000	0.00000	-22.976	-0.50000	0.0	0.0	0.0
	5.00000	34.00000	0.00000	-23.929	-0.50000	0.0	0.0	0.0
	6.00000	34.00000	0.00000	-24.818	-0.50000	0.0	0.0	0.0
	7.00000	34.00000	0.00000	-25.643	-0.50000	0.0	0.0	0.0
	8.00000	34.00000	0.00000	-26.407	-0.50000	0.0	0.0	0.0
	9.00000	34.00000	0.00000	-27.114	-0.50000	0.0	0.0	0.0
	10.00000	34.00000	0.00000	-27.770	-0.50000	0.0	0.0	0.0
	11.00000	34.00000	0.00000	-28.379	-0.50000	0.0	0.0	0.0
	12.00000	34.00000	0.00000	-28.949	-0.50000	0.0	0.0	0.0
	13.00000	34.00000	0.00000	-29.486	-0.50000	0.0	0.0	0.0
	14.00000	34.00000	0.00000	-29.999	-0.50000	0.0	0.0	0.0
	15.00000	34.00000	0.00000	-30.498	-0.50000	0.0	0.0	0.0
	16.00000	34.00000	0.00000	-30.994	-0.50000	0.0	0.0	0.0
	17.00000	34.00000	0.00000	-31.506	-0.50000	0.0	0.0	0.0
	18.00000	34.00000	0.00000	-32.052	-0.50000	0.0	0.0	0.0
	19.00000	34.00000	0.00000	-32.660	-0.50000	0.0	0.0	0.0
	20.00000	34.00000	0.00000	-33.359	-0.50000	0.0	0.0	0.0
	21.00000	34.00000	0.00000	-34.163	-0.50000	0.0	0.0	0.0
	22.00000	34.00000	0.00000	-35.033	-0.50000	0.0	0.0	0.0
	23.00000	34.00000	0.00000	-35.840	-0.50000	0.0	0.0	0.0
	24.00000	34.00000	0.00000	-36.454	-0.50000	0.0	0.0	0.0
	25.00000	34.00000	0.00000	-36.834	-0.50000	0.0	0.0	0.0
	26.00000	34.00000	0.00000	-36.992	-0.50000	0.0	0.0	0.0
	27.00000	34.00000	0.00000	-36.951	-0.50000	0.0	0.0	0.0
	28.00000	34.00000	0.00000	-36.733	-0.50000	0.0	0.0	0.0
	29.00000	34.00000	0.00000	-36.349	-0.50000	0.0	0.0	0.0
	30.00000	34.00000	0.00000	-35.807	-0.50000	0.0	0.0	0.0
	31.00000	34.00000	0.00000	-35.106	-0.50000	0.0	0.0	0.0
	32.00000	34.00000	0.00000	-34.241	-0.50000	0.0	0.0	0.0
	33.00000	34.00000	0.00000	-33.200	-0.50000	0.0	0.0	0.0
	34.00000	34.00000	0.00000	-31.969	-0.50000	0.0	0.0	0.0
	35.00000	34.00000	0.00000	-30.528	-0.50000	0.0	0.0	0.0
	36.00000	34.00000	0.00000	-28.857	-0.50000	0.0	0.0	0.0
	37.00000	34.00000	0.00000	-26.957	-0.50000	0.0	0.0	0.0
	38.00000	34.00000	0.00000	-24.867	-0.50000	0.0	0.0	0.0
	39.00000	34.00000	0.00000	-22.799	-0.50000	0.0	0.0	0.0
	40.00000	34.00000	0.00000	-20.845	-0.50000	0.0	0.0	0.0
	41.00000	34.00000	0.00000	-19.084	-0.50000	0.0	0.0	0.0
	42.00000	34.00000	0.00000	-17.515	-0.50000	0.0	0.0	0.0
	43.00000	34.00000	0.00000	-16.114	-0.50000	0.0	0.0	0.0
	44.00000	34.00000	0.00000	-14.860	-0.50000	0.0	0.0	0.0
	45.00000	34.00000	0.00000	-13.732	-0.50000	0.0	0.0	0.0
	46.00000	34.00000	0.00000	-12.712	-0.50000	0.0	0.0	0.0
	47.00000	34.00000	0.00000	-11.786	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	48.00000	34.00000	0.00000	-10.943	-0.50000	0.0	0.0	0.0
	49.00000	34.00000	0.00000	-10.172	-0.50000	0.0	0.0	0.0
	50.00000	34.00000	0.00000	-9.4655	-0.50000	0.0	0.0	0.0
	51.00000	34.00000	0.00000	-8.8162	-0.50000	0.0	0.0	0.0
	52.00000	34.00000	0.00000	-8.2184	-0.50000	0.0	0.0	0.0
	53.00000	34.00000	0.00000	-7.6668	-0.50000	0.0	0.0	0.0
	54.00000	34.00000	0.00000	-7.1569	-0.50000	0.0	0.0	0.0
	55.00000	34.00000	0.00000	-6.6850	-0.50000	0.0	0.0	0.0
	56.00000	34.00000	0.00000	-6.2475	-0.50000	0.0	0.0	0.0
	57.00000	34.00000	0.00000	-5.8415	-0.50000	0.0	0.0	0.0
	58.00000	34.00000	0.00000	-5.4643	-0.50000	0.0	0.0	0.0
	59.00000	34.00000	0.00000	-5.1134	-0.50000	0.0	0.0	0.0
	60.00000	34.00000	0.00000	-4.7868	-0.50000	0.0	0.0	0.0
	-20.00000	35.00000	0.00000	-4.6367	-0.50000	0.0	0.0	0.0
	-19.00000	35.00000	0.00000	-4.9456	-0.50000	0.0	0.0	0.0
	-18.00000	35.00000	0.00000	-5.2761	-0.50000	0.0	0.0	0.0
	-17.00000	35.00000	0.00000	-5.6299	-0.50000	0.0	0.0	0.0
	-16.00000	35.00000	0.00000	-6.0088	-0.50000	0.0	0.0	0.0
	-15.00000	35.00000	0.00000	-6.4147	-0.50000	0.0	0.0	0.0
	-14.00000	35.00000	0.00000	-6.8498	-0.50000	0.0	0.0	0.0
	-13.00000	35.00000	0.00000	-7.3162	-0.50000	0.0	0.0	0.0
	-12.00000	35.00000	0.00000	-7.8163	-0.50000	0.0	0.0	0.0
	-11.00000	35.00000	0.00000	-8.3527	-0.50000	0.0	0.0	0.0
	-10.00000	35.00000	0.00000	-8.9278	-0.50000	0.0	0.0	0.0
	-9.00000	35.00000	0.00000	-9.5442	-0.50000	0.0	0.0	0.0
	-8.00000	35.00000	0.00000	-10.204	-0.50000	0.0	0.0	0.0
	-7.00000	35.00000	0.00000	-10.911	-0.50000	0.0	0.0	0.0
	-6.00000	35.00000	0.00000	-11.664	-0.50000	0.0	0.0	0.0
	-5.00000	35.00000	0.00000	-12.466	-0.50000	0.0	0.0	0.0
	-4.00000	35.00000	0.00000	-13.315	-0.50000	0.0	0.0	0.0
	-3.00000	35.00000	0.00000	-14.208	-0.50000	0.0	0.0	0.0
	-2.00000	35.00000	0.00000	-15.139	-0.50000	0.0	0.0	0.0
	-1.00000	35.00000	0.00000	-16.096	-0.50000	0.0	0.0	0.0
	0.00000	35.00000	0.00000	-17.068	-0.50000	0.0	0.0	0.0
	1.00000	35.00000	0.00000	-18.039	-0.50000	0.0	0.0	0.0
	2.00000	35.00000	0.00000	-18.992	-0.50000	0.0	0.0	0.0
	3.00000	35.00000	0.00000	-19.916	-0.50000	0.0	0.0	0.0
	4.00000	35.00000	0.00000	-20.799	-0.50000	0.0	0.0	0.0
	5.00000	35.00000	0.00000	-21.636	-0.50000	0.0	0.0	0.0
	6.00000	35.00000	0.00000	-22.423	-0.50000	0.0	0.0	0.0
	7.00000	35.00000	0.00000	-23.160	-0.50000	0.0	0.0	0.0
	8.00000	35.00000	0.00000	-23.847	-0.50000	0.0	0.0	0.0
	9.00000	35.00000	0.00000	-24.489	-0.50000	0.0	0.0	0.0
	10.00000	35.00000	0.00000	-25.086	-0.50000	0.0	0.0	0.0
	11.00000	35.00000	0.00000	-25.644	-0.50000	0.0	0.0	0.0
	12.00000	35.00000	0.00000	-26.168	-0.50000	0.0	0.0	0.0
	13.00000	35.00000	0.00000	-26.662	-0.50000	0.0	0.0	0.0
	14.00000	35.00000	0.00000	-27.132	-0.50000	0.0	0.0	0.0
	15.00000	35.00000	0.00000	-27.587	-0.50000	0.0	0.0	0.0
	16.00000	35.00000	0.00000	-28.035	-0.50000	0.0	0.0	0.0
	17.00000	35.00000	0.00000	-28.487	-0.50000	0.0	0.0	0.0
	18.00000	35.00000	0.00000	-28.954	-0.50000	0.0	0.0	0.0
	19.00000	35.00000	0.00000	-29.447	-0.50000	0.0	0.0	0.0
	20.00000	35.00000	0.00000	-29.975	-0.50000	0.0	0.0	0.0
	21.00000	35.00000	0.00000	-30.531	-0.50000	0.0	0.0	0.0
	22.00000	35.00000	0.00000	-31.084	-0.50000	0.0	0.0	0.0
	23.00000	35.00000	0.00000	-31.580	-0.50000	0.0	0.0	0.0
	24.00000	35.00000	0.00000	-31.961	-0.50000	0.0	0.0	0.0
	25.00000	35.00000	0.00000	-32.195	-0.50000	0.0	0.0	0.0
	26.00000	35.00000	0.00000	-32.275	-0.50000	0.0	0.0	0.0
	27.00000	35.00000	0.00000	-32.203	-0.50000	0.0	0.0	0.0
	28.00000	35.00000	0.00000	-31.987	-0.50000	0.0	0.0	0.0
	29.00000	35.00000	0.00000	-31.633	-0.50000	0.0	0.0	0.0
	30.00000	35.00000	0.00000	-31.144	-0.50000	0.0	0.0	0.0
	31.00000	35.00000	0.00000	-30.521	-0.50000	0.0	0.0	0.0
	32.00000	35.00000	0.00000	-29.760	-0.50000	0.0	0.0	0.0
	33.00000	35.00000	0.00000	-28.858	-0.50000	0.0	0.0	0.0
	34.00000	35.00000	0.00000	-27.807	-0.50000	0.0	0.0	0.0
	35.00000	35.00000	0.00000	-26.604	-0.50000	0.0	0.0	0.0
	36.00000	35.00000	0.00000	-25.251	-0.50000	0.0	0.0	0.0
	37.00000	35.00000	0.00000	-23.764	-0.50000	0.0	0.0	0.0
	38.00000	35.00000	0.00000	-22.189	-0.50000	0.0	0.0	0.0
	39.00000	35.00000	0.00000	-20.597	-0.50000	0.0	0.0	0.0
	40.00000	35.00000	0.00000	-19.059	-0.50000	0.0	0.0	0.0
	41.00000	35.00000	0.00000	-17.620	-0.50000	0.0	0.0	0.0
	42.00000	35.00000	0.00000	-16.295	-0.50000	0.0	0.0	0.0
	43.00000	35.00000	0.00000	-15.084	-0.50000	0.0	0.0	0.0
	44.00000	35.00000	0.00000	-13.980	-0.50000	0.0	0.0	0.0
	45.00000	35.00000	0.00000	-12.971	-0.50000	0.0	0.0	0.0
	46.00000	35.00000	0.00000	-12.050	-0.50000	0.0	0.0	0.0
	47.00000	35.00000	0.00000	-11.206	-0.50000	0.0	0.0	0.0
	48.00000	35.00000	0.00000	-10.431	-0.50000	0.0	0.0	0.0
	49.00000	35.00000	0.00000	-9.7187	-0.50000	0.0	0.0	0.0
	50.00000	35.00000	0.00000	-9.0622	-0.50000	0.0	0.0	0.0
	51.00000	35.00000	0.00000	-8.4562	-0.50000	0.0	0.0	0.0
	52.00000	35.00000	0.00000	-7.8959	-0.50000	0.0	0.0	0.0
	53.00000	35.00000	0.00000	-7.3771	-0.50000	0.0	0.0	0.0
	54.00000	35.00000	0.00000	-6.8961	-0.50000	0.0	0.0	0.0
	55.00000	35.00000	0.00000	-6.4496	-0.50000	0.0	0.0	0.0
	56.00000	35.00000	0.00000	-6.0347	-0.50000	0.0	0.0	0.0
	57.00000	35.00000	0.00000	-5.6487	-0.50000	0.0	0.0	0.0
	58.00000	35.00000	0.00000	-5.2894	-0.50000	0.0	0.0	0.0
	59.00000	35.00000	0.00000	-4.9545	-0.50000	0.0	0.0	0.0
	60.00000	35.00000	0.00000	-4.6422	-0.50000	0.0	0.0	0.0
	-20.00000	36.00000	0.00000	-4.4806	-0.50000	0.0	0.0	0.0
	-19.00000	36.00000	0.00000	-4.7739	-0.50000	0.0	0.0	0.0
	-18.00000	36.00000	0.00000	-5.0871	-0.50000	0.0	0.0	0.0
	-17.00000	36.00000	0.00000	-5.4216	-0.50000	0.0	0.0	0.0
	-16.00000	36.00000	0.00000	-5.7788	-0.50000	0.0	0.0	0.0
	-15.00000	36.00000	0.00000	-6.1604	-0.50000	0.0	0.0	0.0
	-14.00000	36.00000	0.00000	-6.5680	-0.50000	0.0	0.0	0.0
	-13.00000	36.00000	0.00000	-7.0035	-0.50000	0.0	0.0	0.0
	-12.00000	36.00000	0.00000	-7.4686	-0.50000	0.0	0.0	0.0
	-11.00000	36.00000	0.00000	-7.9652	-0.50000	0.0	0.0	0.0
	-10.00000	36.00000	0.00000	-8.4951	-0.50000	0.0	0.0	0.0
	-9.00000	36.00000	0.00000	-9.0600	-0.50000	0.0	0.0	0.0
	-8.00000	36.00000	0.00000	-9.6614	-0.50000	0.0	0.0	0.0
	-7.00000	36.00000	0.00000	-10.300	-0.50000	0.0	0.0	0.0
	-6.00000	36.00000	0.00000	-10.978	-0.50000	0.0	0.0	0.0
	-5.00000	36.00000	0.00000	-11.692	-0.50000	0.0	0.0	0.0
	-4.00000	36.00000	0.00000	-12.443	-0.50000	0.0	0.0	0.0
	-3.00000	36.00000	0.00000	-13.226	-0.50000	0.0	0.0	0.0
	-2.00000	36.00000	0.00000	-14.036	-0.50000	0.0	0.0	0.0
	-1.00000	36.00000	0.00000	-14.865	-0.50000	0.0	0.0	0.0
	0.00000	36.00000	0.00000	-15.703	-0.50000	0.0	0.0	0.0
	1.00000	36.00000	0.00000	-16.539	-0.50000	0.0	0.0	0.0
	2.00000	36.00000	0.00000	-17.363	-0.50000	0.0	0.0	0.0
	3.00000	36.00000	0.00000	-18.166	-0.50000	0.0	0.0	0.0
	4.00000	36.00000	0.00000	-18.938	-0.50000	0.0	0.0	0.0
	5.00000	36.00000	0.00000	-19.676	-0.50000	0.0	0.0	0.0
	6.00000	36.00000	0.00000	-20.375	-0.50000	0.0	0.0	0.0
	7.00000	36.00000	0.00000	-21.034	-0.50000	0.0	0.0	0.0
	8.00000	36.00000	0.00000	-21.653	-0.50000	0.0	0.0	0.0
	9.00000	36.00000	0.00000	-22.233	-0.50000	0.0	0.0	0.0
	10.00000	36.00000	0.00000	-22.777	-0.50000	0.0	0.0	0.0
	11.00000	36.00000	0.00000	-23.286	-0.50000	0.0	0.0	0.0
	12.00000	36.00000	0.00000	-23.764	-0.50000	0.0	0.0	0.0
	13.00000	36.00000	0.00000	-24.216	-0.50000	0.0	0.0	0.0
	14.00000	36.00000	0.00000	-24.645	-0.50000	0.0	0.0	0.0
	15.00000	36.00000	0.00000	-25.057	-0.50000	0.0	0.0	0.0
	16.00000	36.00000	0.00000	-25.458	-0.50000	0.0	0.0	0.0
	17.00000	36.00000	0.00000	-25.853	-0.50000	0.0	0.0	0.0
	18.00000	36.00000	0.00000	-26.249	-0.50000	0.0	0.0	0.0
	19.00000	36.00000	0.00000	-26.649	-0.50000	0.0	0.0	0.0
	20.00000	36.00000	0.00000	-27.053	-0.50000	0.0	0.0	0.0
	21.00000	36.00000	0.00000	-27.453	-0.50000	0.0	0.0	0.0
	22.00000	36.00000	0.00000	-27.828	-0.50000	0.0	0.0	0.0
	23.00000	36.00000	0.00000	-

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	27.00000	36.00000	0.00000	-28.450	-0.50000	0.0	0.0	0.0
	28.00000	36.00000	0.00000	-28.237	-0.50000	0.0	0.0	0.0
	29.00000	36.00000	0.00000	-27.910	-0.50000	0.0	0.0	0.0
	30.00000	36.00000	0.00000	-27.469	-0.50000	0.0	0.0	0.0
	31.00000	36.00000	0.00000	-26.915	-0.50000	0.0	0.0	0.0
	32.00000	36.00000	0.00000	-26.248	-0.50000	0.0	0.0	0.0
	33.00000	36.00000	0.00000	-25.466	-0.50000	0.0	0.0	0.0
	34.00000	36.00000	0.00000	-24.569	-0.50000	0.0	0.0	0.0
	35.00000	36.00000	0.00000	-23.560	-0.50000	0.0	0.0	0.0
	36.00000	36.00000	0.00000	-22.446	-0.50000	0.0	0.0	0.0
	37.00000	36.00000	0.00000	-21.246	-0.50000	0.0	0.0	0.0
	38.00000	36.00000	0.00000	-19.990	-0.50000	0.0	0.0	0.0
	39.00000	36.00000	0.00000	-18.718	-0.50000	0.0	0.0	0.0
	40.00000	36.00000	0.00000	-17.470	-0.50000	0.0	0.0	0.0
	41.00000	36.00000	0.00000	-16.275	-0.50000	0.0	0.0	0.0
	42.00000	36.00000	0.00000	-15.150	-0.50000	0.0	0.0	0.0
	43.00000	36.00000	0.00000	-14.102	-0.50000	0.0	0.0	0.0
	44.00000	36.00000	0.00000	-13.131	-0.50000	0.0	0.0	0.0
	45.00000	36.00000	0.00000	-12.232	-0.50000	0.0	0.0	0.0
	46.00000	36.00000	0.00000	-11.402	-0.50000	0.0	0.0	0.0
	47.00000	36.00000	0.00000	-10.635	-0.50000	0.0	0.0	0.0
	48.00000	36.00000	0.00000	-9.9259	-0.50000	0.0	0.0	0.0
	49.00000	36.00000	0.00000	-9.2695	-0.50000	0.0	0.0	0.0
	50.00000	36.00000	0.00000	-8.6614	-0.50000	0.0	0.0	0.0
	51.00000	36.00000	0.00000	-8.0974	-0.50000	0.0	0.0	0.0
	52.00000	36.00000	0.00000	-7.5738	-0.50000	0.0	0.0	0.0
	53.00000	36.00000	0.00000	-7.0872	-0.50000	0.0	0.0	0.0
	54.00000	36.00000	0.00000	-6.6346	-0.50000	0.0	0.0	0.0
	55.00000	36.00000	0.00000	-6.2132	-0.50000	0.0	0.0	0.0
	56.00000	36.00000	0.00000	-5.8206	-0.50000	0.0	0.0	0.0
	57.00000	36.00000	0.00000	-5.4545	-0.50000	0.0	0.0	0.0
	58.00000	36.00000	0.00000	-5.1129	-0.50000	0.0	0.0	0.0
	59.00000	36.00000	0.00000	-4.7939	-0.50000	0.0	0.0	0.0
	60.00000	36.00000	0.00000	-4.4959	-0.50000	0.0	0.0	0.0
	-20.00000	37.00000	0.00000	-4.3244	-0.50000	0.0	0.0	0.0
	-19.00000	37.00000	0.00000	-4.6026	-0.50000	0.0	0.0	0.0
	-18.00000	37.00000	0.00000	-4.8989	-0.50000	0.0	0.0	0.0
	-17.00000	37.00000	0.00000	-5.2145	-0.50000	0.0	0.0	0.0
	-16.00000	37.00000	0.00000	-5.5507	-0.50000	0.0	0.0	0.0
	-15.00000	37.00000	0.00000	-5.9089	-0.50000	0.0	0.0	0.0
	-14.00000	37.00000	0.00000	-6.2903	-0.50000	0.0	0.0	0.0
	-13.00000	37.00000	0.00000	-6.6962	-0.50000	0.0	0.0	0.0
	-12.00000	37.00000	0.00000	-7.1282	-0.50000	0.0	0.0	0.0
	-11.00000	37.00000	0.00000	-7.5875	-0.50000	0.0	0.0	0.0
	-10.00000	37.00000	0.00000	-8.0754	-0.50000	0.0	0.0	0.0
	-9.00000	37.00000	0.00000	-8.5929	-0.50000	0.0	0.0	0.0
	-8.00000	37.00000	0.00000	-9.1409	-0.50000	0.0	0.0	0.0
	-7.00000	37.00000	0.00000	-9.7198	-0.50000	0.0	0.0	0.0
	-6.00000	37.00000	0.00000	-10.329	-0.50000	0.0	0.0	0.0
	-5.00000	37.00000	0.00000	-10.968	-0.50000	0.0	0.0	0.0
	-4.00000	37.00000	0.00000	-11.635	-0.50000	0.0	0.0	0.0
	-3.00000	37.00000	0.00000	-12.326	-0.50000	0.0	0.0	0.0
	-2.00000	37.00000	0.00000	-13.037	-0.50000	0.0	0.0	0.0
	-1.00000	37.00000	0.00000	-13.761	-0.50000	0.0	0.0	0.0
	0.00000	37.00000	0.00000	-14.492	-0.50000	0.0	0.0	0.0
	1.00000	37.00000	0.00000	-15.221	-0.50000	0.0	0.0	0.0
	2.00000	37.00000	0.00000	-15.940	-0.50000	0.0	0.0	0.0
	3.00000	37.00000	0.00000	-16.643	-0.50000	0.0	0.0	0.0
	4.00000	37.00000	0.00000	-17.323	-0.50000	0.0	0.0	0.0
	5.00000	37.00000	0.00000	-17.975	-0.50000	0.0	0.0	0.0
	6.00000	37.00000	0.00000	-18.598	-0.50000	0.0	0.0	0.0
	7.00000	37.00000	0.00000	-19.188	-0.50000	0.0	0.0	0.0
	8.00000	37.00000	0.00000	-19.745	-0.50000	0.0	0.0	0.0
	9.00000	37.00000	0.00000	-20.270	-0.50000	0.0	0.0	0.0
	10.00000	37.00000	0.00000	-20.763	-0.50000	0.0	0.0	0.0
	11.00000	37.00000	0.00000	-21.227	-0.50000	0.0	0.0	0.0
	12.00000	37.00000	0.00000	-21.663	-0.50000	0.0	0.0	0.0
	13.00000	37.00000	0.00000	-22.074	-0.50000	0.0	0.0	0.0
	14.00000	37.00000	0.00000	-22.463	-0.50000	0.0	0.0	0.0
	15.00000	37.00000	0.00000	-22.834	-0.50000	0.0	0.0	0.0
	16.00000	37.00000	0.00000	-23.190	-0.50000	0.0	0.0	0.0
	17.00000	37.00000	0.00000	-23.535	-0.50000	0.0	0.0	0.0
	18.00000	37.00000	0.00000	-23.870	-0.50000	0.0	0.0	0.0
	19.00000	37.00000	0.00000	-24.197	-0.50000	0.0	0.0	0.0
	20.00000	37.00000	0.00000	-24.512	-0.50000	0.0	0.0	0.0
	21.00000	37.00000	0.00000	-24.808	-0.50000	0.0	0.0	0.0
	22.00000	37.00000	0.00000	-25.072	-0.50000	0.0	0.0	0.0
	23.00000	37.00000	0.00000	-25.288	-0.50000	0.0	0.0	0.0
	24.00000	37.00000	0.00000	-25.437	-0.50000	0.0	0.0	0.0
	25.00000	37.00000	0.00000	-25.507	-0.50000	0.0	0.0	0.0
	26.00000	37.00000	0.00000	-25.487	-0.50000	0.0	0.0	0.0
	27.00000	37.00000	0.00000	-25.375	-0.50000	0.0	0.0	0.0
	28.00000	37.00000	0.00000	-25.167	-0.50000	0.0	0.0	0.0
	29.00000	37.00000	0.00000	-24.864	-0.50000	0.0	0.0	0.0
	30.00000	37.00000	0.00000	-24.467	-0.50000	0.0	0.0	0.0
	31.00000	37.00000	0.00000	-23.975	-0.50000	0.0	0.0	0.0
	32.00000	37.00000	0.00000	-23.389	-0.50000	0.0	0.0	0.0
	33.00000	37.00000	0.00000	-22.711	-0.50000	0.0	0.0	0.0
	34.00000	37.00000	0.00000	-21.942	-0.50000	0.0	0.0	0.0
	35.00000	37.00000	0.00000	-21.088	-0.50000	0.0	0.0	0.0
	36.00000	37.00000	0.00000	-20.158	-0.50000	0.0	0.0	0.0
	37.00000	37.00000	0.00000	-19.167	-0.50000	0.0	0.0	0.0
	38.00000	37.00000	0.00000	-18.136	-0.50000	0.0	0.0	0.0
	39.00000	37.00000	0.00000	-17.090	-0.50000	0.0	0.0	0.0
	40.00000	37.00000	0.00000	-16.054	-0.50000	0.0	0.0	0.0
	41.00000	37.00000	0.00000	-15.048	-0.50000	0.0	0.0	0.0
	42.00000	37.00000	0.00000	-14.085	-0.50000	0.0	0.0	0.0
	43.00000	37.00000	0.00000	-13.175	-0.50000	0.0	0.0	0.0
	44.00000	37.00000	0.00000	-12.320	-0.50000	0.0	0.0	0.0
	45.00000	37.00000	0.00000	-11.521	-0.50000	0.0	0.0	0.0
	46.00000	37.00000	0.00000	-10.774	-0.50000	0.0	0.0	0.0
	47.00000	37.00000	0.00000	-10.079	-0.50000	0.0	0.0	0.0
	48.00000	37.00000	0.00000	-9.4310	-0.50000	0.0	0.0	0.0
	49.00000	37.00000	0.00000	-8.8277	-0.50000	0.0	0.0	0.0
	50.00000	37.00000	0.00000	-8.2658	-0.50000	0.0	0.0	0.0
	51.00000	37.00000	0.00000	-7.7422	-0.50000	0.0	0.0	0.0
	52.00000	37.00000	0.00000	-7.2541	-0.50000	0.0	0.0	0.0
	53.00000	37.00000	0.00000	-6.7988	-0.50000	0.0	0.0	0.0
	54.00000	37.00000	0.00000	-6.3738	-0.50000	0.0	0.0	0.0
	55.00000	37.00000	0.00000	-5.9770	-0.50000	0.0	0.0	0.0
	56.00000	37.00000	0.00000	-5.6063	-0.50000	0.0	0.0	0.0
	57.00000	37.00000	0.00000	-5.2598	-0.50000	0.0	0.0	0.0
	58.00000	37.00000	0.00000	-4.9357	-0.50000	0.0	0.0	0.0
	59.00000	37.00000	0.00000	-4.6324	-0.50000	0.0	0.0	0.0
	60.00000	37.00000	0.00000	-4.3485	-0.50000	0.0	0.0	0.0
	-20.00000	38.00000	0.00000	-4.1689	-0.50000	0.0	0.0	0.0
	-19.00000	38.00000	0.00000	-4.4322	-0.50000	0.0	0.0	0.0
	-18.00000	38.00000	0.00000	-4.7121	-0.50000	0.0	0.0	0.0
	-17.00000	38.00000	0.00000	-5.0096	-0.50000	0.0	0.0	0.0
	-16.00000	38.00000	0.00000	-5.3256	-0.50000	0.0	0.0	0.0
	-15.00000	38.00000	0.00000	-5.6613	-0.50000	0.0	0.0	0.0
	-14.00000	38.00000	0.00000	-6.0176	-0.50000	0.0	0.0	0.0
	-13.00000	38.00000	0.00000	-6.3957	-0.50000	0.0	0.0	0.0
	-12.00000	38.00000	0.00000	-6.7966	-0.50000	0.0	0.0	0.0
	-11.00000	38.00000	0.00000	-7.2211	-0.50000	0.0	0.0	0.0
	-10.00000	38.00000	0.00000	-7.6701	-0.50000	0.0	0.0	0.0
	-9.00000	38.00000	0.00000	-8.1442	-0.50000	0.0	0.0	0.0
	-8.00000	38.00000	0.00000	-8.6438	-0.50000	0.0	0.0	0.0
	-7.00000	38.00000	0.00000	-9.1687	-0.50000	0.0	0.0	0.0
	-6.00000	38.00000	0.00000	-9.7185	-0.50000	0.0	0.0	0.0
	-5.00000	38.00000	0.00000	-10.292	-0.50000	0.0	0.0	0.0
	-4.00000	38.00000	0.00000	-10.887	-0.50000	0.0	0.0	0.0
	-3.00000	38.00000	0.00000	-11.500	-0.50000	0.0	0.0	0.0
	-2.00000	38.00000	0.00000	-12.128	-0.50000	0.0	0.0	0.0
	-1.00000	38.00000	0.00000	-12.766	-0.50000	0.0	0.0	0.0
	0.00000	38.00000	0.00000	-13.408	-0.50000	0.0	0.0	0.0
	1.00000	38.00000	0.00000	-14.049	-0.50000	0.0	0.0	0.0
	2.00000	38.00000	0.00000	-14.681	-0.50000	0.0	0.0	0.0
	3.00000	38.00000	0.00000	-15.301	-0.50000	0.0	0.0	0.0
	4.00000	38.00000	0.00000	-15.903	-0.50000	0.0	0.0	0.0
	5.00000	38.00000	0.00000	-16.483	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	6.00000	38.00000	0.00000	-17.039	-0.50000	0.0	0.0	0.0
	7.00000	38.00000	0.00000	-17.568	-0.50000	0.0	0.0	0.0
	8.00000	38.00000	0.00000	-18.070	-0.50000	0.0	0.0	0.0
	9.00000	38.00000	0.00000	-18.544	-0.50000	0.0	0.0	0.0
	10.00000	38.00000	0.00000	-18.991	-0.50000	0.0	0.0	0.0
	11.00000	38.00000	0.00000	-19.412	-0.50000	0.0	0.0	0.0
	12.00000	38.00000	0.00000	-19.808	-0.50000	0.0	0.0	0.0
	13.00000	38.00000	0.00000	-20.181	-0.50000	0.0	0.0	0.0
	14.00000	38.00000	0.00000	-20.533	-0.50000	0.0	0.0	0.0
	15.00000	38.00000	0.00000	-20.866	-0.50000	0.0	0.0	0.0
	16.00000	38.00000	0.00000	-21.181	-0.50000	0.0	0.0	0.0
	17.00000	38.00000	0.00000	-21.481	-0.50000	0.0	0.0	0.0
	18.00000	38.00000	0.00000	-21.766	-0.50000	0.0	0.0	0.0
	19.00000	38.00000	0.00000	-22.035	-0.50000	0.0	0.0	0.0
	20.00000	38.00000	0.00000	-22.285	-0.50000	0.0	0.0	0.0
	21.00000	38.00000	0.00000	-22.509	-0.50000	0.0	0.0	0.0
	22.00000	38.00000	0.00000	-22.700	-0.50000	0.0	0.0	0.0
	23.00000	38.00000	0.00000	-22.846	-0.50000	0.0	0.0	0.0
	24.00000	38.00000	0.00000	-22.936	-0.50000	0.0	0.0	0.0
	25.00000	38.00000	0.00000	-22.962	-0.50000	0.0	0.0	0.0
	26.00000	38.00000	0.00000	-22.916	-0.50000	0.0	0.0	0.0
	27.00000	38.00000	0.00000	-22.794	-0.50000	0.0	0.0	0.0
	28.00000	38.00000	0.00000	-22.594	-0.50000	0.0	0.0	0.0
	29.00000	38.00000	0.00000	-22.314	-0.50000	0.0	0.0	0.0
	30.00000	38.00000	0.00000	-21.955	-0.50000	0.0	0.0	0.0
	31.00000	38.00000	0.00000	-21.518	-0.50000	0.0	0.0	0.0
	32.00000	38.00000	0.00000	-21.003	-0.50000	0.0	0.0	0.0
	33.00000	38.00000	0.00000	-20.413	-0.50000	0.0	0.0	0.0
	34.00000	38.00000	0.00000	-19.751	-0.50000	0.0	0.0	0.0
	35.00000	38.00000	0.00000	-19.022	-0.50000	0.0	0.0	0.0
	36.00000	38.00000	0.00000	-18.236	-0.50000	0.0	0.0	0.0
	37.00000	38.00000	0.00000	-17.404	-0.50000	0.0	0.0	0.0
	38.00000	38.00000	0.00000	-16.540	-0.50000	0.0	0.0	0.0
	39.00000	38.00000	0.00000	-15.663	-0.50000	0.0	0.0	0.0
	40.00000	38.00000	0.00000	-14.788	-0.50000	0.0	0.0	0.0
	41.00000	38.00000	0.00000	-13.930	-0.50000	0.0	0.0	0.0
	42.00000	38.00000	0.00000	-13.101	-0.50000	0.0	0.0	0.0
	43.00000	38.00000	0.00000	-12.307	-0.50000	0.0	0.0	0.0
	44.00000	38.00000	0.00000	-11.553	-0.50000	0.0	0.0	0.0
	45.00000	38.00000	0.00000	-10.840	-0.50000	0.0	0.0	0.0
	46.00000	38.00000	0.00000	-10.170	-0.50000	0.0	0.0	0.0
	47.00000	38.00000	0.00000	-9.5398	-0.50000	0.0	0.0	0.0
	48.00000	38.00000	0.00000	-8.9492	-0.50000	0.0	0.0	0.0
	49.00000	38.00000	0.00000	-8.3958	-0.50000	0.0	0.0	0.0
	50.00000	38.00000	0.00000	-7.8777	-0.50000	0.0	0.0	0.0
	51.00000	38.00000	0.00000	-7.3925	-0.50000	0.0	0.0	0.0
	52.00000	38.00000	0.00000	-6.9384	-0.50000	0.0	0.0	0.0
	53.00000	38.00000	0.00000	-6.5132	-0.50000	0.0	0.0	0.0
	54.00000	38.00000	0.00000	-6.1151	-0.50000	0.0	0.0	0.0
	55.00000	38.00000	0.00000	-5.7422	-0.50000	0.0	0.0	0.0
	56.00000	38.00000	0.00000	-5.3928	-0.50000	0.0	0.0	0.0
	57.00000	38.00000	0.00000	-5.0654	-0.50000	0.0	0.0	0.0
	58.00000	38.00000	0.00000	-4.7585	-0.50000	0.0	0.0	0.0
	59.00000	38.00000	0.00000	-4.4707	-0.50000	0.0	0.0	0.0
	60.00000	38.00000	0.00000	-4.2008	-0.50000	0.0	0.0	0.0
	-20.00000	39.00000	0.00000	-4.0145	-0.50000	0.0	0.0	0.0
	-19.00000	39.00000	0.00000	-4.2635	-0.50000	0.0	0.0	0.0
	-18.00000	39.00000	0.00000	-4.5276	-0.50000	0.0	0.0	0.0
	-17.00000	39.00000	0.00000	-4.8076	-0.50000	0.0	0.0	0.0
	-16.00000	39.00000	0.00000	-5.1043	-0.50000	0.0	0.0	0.0
	-15.00000	39.00000	0.00000	-5.4185	-0.50000	0.0	0.0	0.0
	-14.00000	39.00000	0.00000	-5.7511	-0.50000	0.0	0.0	0.0
	-13.00000	39.00000	0.00000	-6.1029	-0.50000	0.0	0.0	0.0
	-12.00000	39.00000	0.00000	-6.4746	-0.50000	0.0	0.0	0.0
	-11.00000	39.00000	0.00000	-6.8668	-0.50000	0.0	0.0	0.0
	-10.00000	39.00000	0.00000	-7.2801	-0.50000	0.0	0.0	0.0
	-9.00000	39.00000	0.00000	-7.7145	-0.50000	0.0	0.0	0.0
	-8.00000	39.00000	0.00000	-8.1703	-0.50000	0.0	0.0	0.0
	-7.00000	39.00000	0.00000	-8.6471	-0.50000	0.0	0.0	0.0
	-6.00000	39.00000	0.00000	-9.1440	-0.50000	0.0	0.0	0.0
	-5.00000	39.00000	0.00000	-9.6599	-0.50000	0.0	0.0	0.0
	-4.00000	39.00000	0.00000	-10.193	-0.50000	0.0	0.0	0.0
	-3.00000	39.00000	0.00000	-10.740	-0.50000	0.0	0.0	0.0
	-2.00000	39.00000	0.00000	-11.298	-0.50000	0.0	0.0	0.0
	-1.00000	39.00000	0.00000	-11.863	-0.50000	0.0	0.0	0.0
	0.00000	39.00000	0.00000	-12.432	-0.50000	0.0	0.0	0.0
	1.00000	39.00000	0.00000	-12.998	-0.50000	0.0	0.0	0.0
	2.00000	39.00000	0.00000	-13.558	-0.50000	0.0	0.0	0.0
	3.00000	39.00000	0.00000	-14.108	-0.50000	0.0	0.0	0.0
	4.00000	39.00000	0.00000	-14.643	-0.50000	0.0	0.0	0.0
	5.00000	39.00000	0.00000	-15.161	-0.50000	0.0	0.0	0.0
	6.00000	39.00000	0.00000	-15.658	-0.50000	0.0	0.0	0.0
	7.00000	39.00000	0.00000	-16.133	-0.50000	0.0	0.0	0.0
	8.00000	39.00000	0.00000	-16.585	-0.50000	0.0	0.0	0.0
	9.00000	39.00000	0.00000	-17.014	-0.50000	0.0	0.0	0.0
	10.00000	39.00000	0.00000	-17.419	-0.50000	0.0	0.0	0.0
	11.00000	39.00000	0.00000	-17.800	-0.50000	0.0	0.0	0.0
	12.00000	39.00000	0.00000	-18.160	-0.50000	0.0	0.0	0.0
	13.00000	39.00000	0.00000	-18.497	-0.50000	0.0	0.0	0.0
	14.00000	39.00000	0.00000	-18.814	-0.50000	0.0	0.0	0.0
	15.00000	39.00000	0.00000	-19.112	-0.50000	0.0	0.0	0.0
	16.00000	39.00000	0.00000	-19.391	-0.50000	0.0	0.0	0.0
	17.00000	39.00000	0.00000	-19.653	-0.50000	0.0	0.0	0.0
	18.00000	39.00000	0.00000	-19.896	-0.50000	0.0	0.0	0.0
	19.00000	39.00000	0.00000	-20.119	-0.50000	0.0	0.0	0.0
	20.00000	39.00000	0.00000	-20.319	-0.50000	0.0	0.0	0.0
	21.00000	39.00000	0.00000	-20.492	-0.50000	0.0	0.0	0.0
	22.00000	39.00000	0.00000	-20.632	-0.50000	0.0	0.0	0.0
	23.00000	39.00000	0.00000	-20.731	-0.50000	0.0	0.0	0.0
	24.00000	39.00000	0.00000	-20.782	-0.50000	0.0	0.0	0.0
	25.00000	39.00000	0.00000	-20.779	-0.50000	0.0	0.0	0.0
	26.00000	39.00000	0.00000	-20.716	-0.50000	0.0	0.0	0.0
	27.00000	39.00000	0.00000	-20.591	-0.50000	0.0	0.0	0.0
	28.00000	39.00000	0.00000	-20.400	-0.50000	0.0	0.0	0.0
	29.00000	39.00000	0.00000	-20.142	-0.50000	0.0	0.0	0.0
	30.00000	39.00000	0.00000	-19.819	-0.50000	0.0	0.0	0.0
	31.00000	39.00000	0.00000	-19.429	-0.50000	0.0	0.0	0.0
	32.00000	39.00000	0.00000	-18.976	-0.50000	0.0	0.0	0.0
	33.00000	39.00000	0.00000	-18.460	-0.50000	0.0	0.0	0.0
	34.00000	39.00000	0.00000	-17.887	-0.50000	0.0	0.0	0.0
	35.00000	39.00000	0.00000	-17.260	-0.50000	0.0	0.0	0.0
	36.00000	39.00000	0.00000	-16.588	-0.50000	0.0	0.0	0.0
	37.00000	39.00000	0.00000	-15.880	-0.50000	0.0	0.0	0.0
	38.00000	39.00000	0.00000	-15.146	-0.50000	0.0	0.0	0.0
	39.00000	39.00000	0.00000	-14.399	-0.50000	0.0	0.0	0.0
	40.00000	39.00000	0.00000	-13.651	-0.50000	0.0	0.0	0.0
	41.00000	39.00000	0.00000	-12.912	-0.50000	0.0	0.0	0.0
	42.00000	39.00000	0.00000	-12.192	-0.50000	0.0	0.0	0.0
	43.00000	39.00000	0.00000	-11.496	-0.50000	0.0	0.0	0.0
	44.00000	39.00000	0.00000	-10.829	-0.50000	0.0	0.0	0.0
	45.00000	39.00000	0.00000	-10.194	-0.50000	0.0	0.0	0.0
	46.00000	39.00000	0.00000	-9.5910	-0.50000	0.0	0.0	0.0
	47.00000	39.00000	0.00000	-9.0209	-0.50000	0.0	0.0	0.0
	48.00000	39.00000	0.00000	-8.4828	-0.50000	0.0	0.0	0.0
	49.00000	39.00000	0.00000	-7.9759	-0.50000	0.0	0.0	0.0
	50.00000	39.00000	0.00000	-7.4988	-0.50000	0.0	0.0	0.0
	51.00000	39.00000	0.00000	-7.0500	-0.50000	0.0	0.0	0.0
	52.00000	39.00000	0.00000	-6.6283	-0.50000	0.0	0.0	0.0
	53.00000	39.00000	0.00000	-6.2319	-0.50000	0.0	0.0	0.0
	54.00000	39.00000	0.00000	-5.8596	-0.50000	0.0	0.0	0.0
	55.00000	39.00000	0.00000	-5.5097	-0.50000	0.0	0.0	0.0
	56.00000	39.00000	0.00000	-5.1811	-0.50000	0.0	0.0	0.0
	57.00000	39.00000	0.00000	-4.8723	-0.50000	0.0	0.0	0.0
	58.00000	39.00000	0.00000	-4.5822	-0.50000	0.0	0.0	0.0
	59.00000	39.00000	0.00000	-4.3095	-0.50000	0.0	0.0	0.0
	60.00000	39.00000	0.00000	-4.0533	-0.50000	0.0	0.0	0.0
	-20.00000	40.00000	0.00

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-15.00000	40.00000	0.00000	-5.1813	-0.50000	0.0	0.0	0.0
	-14.00000	40.00000	0.00000	-5.4916	-0.50000	0.0	0.0	0.0
	-13.00000	40.00000	0.00000	-5.8187	-0.50000	0.0	0.0	0.0
	-12.00000	40.00000	0.00000	-6.1632	-0.50000	0.0	0.0	0.0
	-11.00000	40.00000	0.00000	-6.5255	-0.50000	0.0	0.0	0.0
	-10.00000	40.00000	0.00000	-6.9058	-0.50000	0.0	0.0	0.0
	-9.00000	40.00000	0.00000	-7.3042	-0.50000	0.0	0.0	0.0
	-8.00000	40.00000	0.00000	-7.7204	-0.50000	0.0	0.0	0.0
	-7.00000	40.00000	0.00000	-8.1540	-0.50000	0.0	0.0	0.0
	-6.00000	40.00000	0.00000	-8.6042	-0.50000	0.0	0.0	0.0
	-5.00000	40.00000	0.00000	-9.0696	-0.50000	0.0	0.0	0.0
	-4.00000	40.00000	0.00000	-9.5484	-0.50000	0.0	0.0	0.0
	-3.00000	40.00000	0.00000	-10.039	-0.50000	0.0	0.0	0.0
	-2.00000	40.00000	0.00000	-10.537	-0.50000	0.0	0.0	0.0
	-1.00000	40.00000	0.00000	-11.041	-0.50000	0.0	0.0	0.0
	0.00000	40.00000	0.00000	-11.547	-0.50000	0.0	0.0	0.0
	1.00000	40.00000	0.00000	-12.051	-0.50000	0.0	0.0	0.0
	2.00000	40.00000	0.00000	-12.549	-0.50000	0.0	0.0	0.0
	3.00000	40.00000	0.00000	-13.039	-0.50000	0.0	0.0	0.0
	4.00000	40.00000	0.00000	-13.516	-0.50000	0.0	0.0	0.0
	5.00000	40.00000	0.00000	-13.979	-0.50000	0.0	0.0	0.0
	6.00000	40.00000	0.00000	-14.425	-0.50000	0.0	0.0	0.0
	7.00000	40.00000	0.00000	-14.853	-0.50000	0.0	0.0	0.0
	8.00000	40.00000	0.00000	-15.261	-0.50000	0.0	0.0	0.0
	9.00000	40.00000	0.00000	-15.648	-0.50000	0.0	0.0	0.0
	10.00000	40.00000	0.00000	-16.014	-0.50000	0.0	0.0	0.0
	11.00000	40.00000	0.00000	-16.360	-0.50000	0.0	0.0	0.0
	12.00000	40.00000	0.00000	-16.685	-0.50000	0.0	0.0	0.0
	13.00000	40.00000	0.00000	-16.990	-0.50000	0.0	0.0	0.0
	14.00000	40.00000	0.00000	-17.275	-0.50000	0.0	0.0	0.0
	15.00000	40.00000	0.00000	-17.542	-0.50000	0.0	0.0	0.0
	16.00000	40.00000	0.00000	-17.789	-0.50000	0.0	0.0	0.0
	17.00000	40.00000	0.00000	-18.017	-0.50000	0.0	0.0	0.0
	18.00000	40.00000	0.00000	-18.225	-0.50000	0.0	0.0	0.0
	19.00000	40.00000	0.00000	-18.412	-0.50000	0.0	0.0	0.0
	20.00000	40.00000	0.00000	-18.575	-0.50000	0.0	0.0	0.0
	21.00000	40.00000	0.00000	-18.710	-0.50000	0.0	0.0	0.0
	22.00000	40.00000	0.00000	-18.814	-0.50000	0.0	0.0	0.0
	23.00000	40.00000	0.00000	-18.880	-0.50000	0.0	0.0	0.0
	24.00000	40.00000	0.00000	-18.905	-0.50000	0.0	0.0	0.0
	25.00000	40.00000	0.00000	-18.883	-0.50000	0.0	0.0	0.0
	26.00000	40.00000	0.00000	-18.810	-0.50000	0.0	0.0	0.0
	27.00000	40.00000	0.00000	-18.685	-0.50000	0.0	0.0	0.0
	28.00000	40.00000	0.00000	-18.505	-0.50000	0.0	0.0	0.0
	29.00000	40.00000	0.00000	-18.268	-0.50000	0.0	0.0	0.0
	30.00000	40.00000	0.00000	-17.976	-0.50000	0.0	0.0	0.0
	31.00000	40.00000	0.00000	-17.629	-0.50000	0.0	0.0	0.0
	32.00000	40.00000	0.00000	-17.228	-0.50000	0.0	0.0	0.0
	33.00000	40.00000	0.00000	-16.776	-0.50000	0.0	0.0	0.0
	34.00000	40.00000	0.00000	-16.276	-0.50000	0.0	0.0	0.0
	35.00000	40.00000	0.00000	-15.733	-0.50000	0.0	0.0	0.0
	36.00000	40.00000	0.00000	-15.154	-0.50000	0.0	0.0	0.0
	37.00000	40.00000	0.00000	-14.544	-0.50000	0.0	0.0	0.0
	38.00000	40.00000	0.00000	-13.914	-0.50000	0.0	0.0	0.0
	39.00000	40.00000	0.00000	-13.271	-0.50000	0.0	0.0	0.0
	40.00000	40.00000	0.00000	-12.625	-0.50000	0.0	0.0	0.0
	41.00000	40.00000	0.00000	-11.983	-0.50000	0.0	0.0	0.0
	42.00000	40.00000	0.00000	-11.354	-0.50000	0.0	0.0	0.0
	43.00000	40.00000	0.00000	-10.741	-0.50000	0.0	0.0	0.0
	44.00000	40.00000	0.00000	-10.150	-0.50000	0.0	0.0	0.0
	45.00000	40.00000	0.00000	-9.5818	-0.50000	0.0	0.0	0.0
	46.00000	40.00000	0.00000	-9.0395	-0.50000	0.0	0.0	0.0
	47.00000	40.00000	0.00000	-8.5234	-0.50000	0.0	0.0	0.0
	48.00000	40.00000	0.00000	-8.0335	-0.50000	0.0	0.0	0.0
	49.00000	40.00000	0.00000	-7.5694	-0.50000	0.0	0.0	0.0
	50.00000	40.00000	0.00000	-7.1306	-0.50000	0.0	0.0	0.0
	51.00000	40.00000	0.00000	-6.7161	-0.50000	0.0	0.0	0.0
	52.00000	40.00000	0.00000	-6.3249	-0.50000	0.0	0.0	0.0
	53.00000	40.00000	0.00000	-5.9560	-0.50000	0.0	0.0	0.0
	54.00000	40.00000	0.00000	-5.6082	-0.50000	0.0	0.0	0.0
	55.00000	40.00000	0.00000	-5.2806	-0.50000	0.0	0.0	0.0
	56.00000	40.00000	0.00000	-4.9719	-0.50000	0.0	0.0	0.0
	57.00000	40.00000	0.00000	-4.6811	-0.50000	0.0	0.0	0.0
	58.00000	40.00000	0.00000	-4.4073	-0.50000	0.0	0.0	0.0
	59.00000	40.00000	0.00000	-4.1494	-0.50000	0.0	0.0	0.0
	60.00000	40.00000	0.00000	-3.9065	-0.50000	0.0	0.0	0.0
	-20.00000	41.00000	0.00000	-3.7114	-0.50000	0.0	0.0	0.0
	-19.00000	41.00000	0.00000	-3.9333	-0.50000	0.0	0.0	0.0
	-18.00000	41.00000	0.00000	-4.1676	-0.50000	0.0	0.0	0.0
	-17.00000	41.00000	0.00000	-4.4148	-0.50000	0.0	0.0	0.0
	-16.00000	41.00000	0.00000	-4.6755	-0.50000	0.0	0.0	0.0
	-15.00000	41.00000	0.00000	-4.9503	-0.50000	0.0	0.0	0.0
	-14.00000	41.00000	0.00000	-5.2395	-0.50000	0.0	0.0	0.0
	-13.00000	41.00000	0.00000	-5.5435	-0.50000	0.0	0.0	0.0
	-12.00000	41.00000	0.00000	-5.8627	-0.50000	0.0	0.0	0.0
	-11.00000	41.00000	0.00000	-6.1974	-0.50000	0.0	0.0	0.0
	-10.00000	41.00000	0.00000	-6.5475	-0.50000	0.0	0.0	0.0
	-9.00000	41.00000	0.00000	-6.9130	-0.50000	0.0	0.0	0.0
	-8.00000	41.00000	0.00000	-7.2935	-0.50000	0.0	0.0	0.0
	-7.00000	41.00000	0.00000	-7.6885	-0.50000	0.0	0.0	0.0
	-6.00000	41.00000	0.00000	-8.0971	-0.50000	0.0	0.0	0.0
	-5.00000	41.00000	0.00000	-8.5181	-0.50000	0.0	0.0	0.0
	-4.00000	41.00000	0.00000	-8.9498	-0.50000	0.0	0.0	0.0
	-3.00000	41.00000	0.00000	-9.3904	-0.50000	0.0	0.0	0.0
	-2.00000	41.00000	0.00000	-9.8375	-0.50000	0.0	0.0	0.0
	-1.00000	41.00000	0.00000	-10.289	-0.50000	0.0	0.0	0.0
	0.00000	41.00000	0.00000	-10.741	-0.50000	0.0	0.0	0.0
	1.00000	41.00000	0.00000	-11.191	-0.50000	0.0	0.0	0.0
	2.00000	41.00000	0.00000	-11.637	-0.50000	0.0	0.0	0.0
	3.00000	41.00000	0.00000	-12.075	-0.50000	0.0	0.0	0.0
	4.00000	41.00000	0.00000	-12.502	-0.50000	0.0	0.0	0.0
	5.00000	41.00000	0.00000	-12.918	-0.50000	0.0	0.0	0.0
	6.00000	41.00000	0.00000	-13.319	-0.50000	0.0	0.0	0.0
	7.00000	41.00000	0.00000	-13.704	-0.50000	0.0	0.0	0.0
	8.00000	41.00000	0.00000	-14.072	-0.50000	0.0	0.0	0.0
	9.00000	41.00000	0.00000	-14.422	-0.50000	0.0	0.0	0.0
	10.00000	41.00000	0.00000	-14.753	-0.50000	0.0	0.0	0.0
	11.00000	41.00000	0.00000	-15.066	-0.50000	0.0	0.0	0.0
	12.00000	41.00000	0.00000	-15.360	-0.50000	0.0	0.0	0.0
	13.00000	41.00000	0.00000	-15.635	-0.50000	0.0	0.0	0.0
	14.00000	41.00000	0.00000	-15.892	-0.50000	0.0	0.0	0.0
	15.00000	41.00000	0.00000	-16.130	-0.50000	0.0	0.0	0.0
	16.00000	41.00000	0.00000	-16.349	-0.50000	0.0	0.0	0.0
	17.00000	41.00000	0.00000	-16.548	-0.50000	0.0	0.0	0.0
	18.00000	41.00000	0.00000	-16.728	-0.50000	0.0	0.0	0.0
	19.00000	41.00000	0.00000	-16.885	-0.50000	0.0	0.0	0.0
	20.00000	41.00000	0.00000	-17.019	-0.50000	0.0	0.0	0.0
	21.00000	41.00000	0.00000	-17.126	-0.50000	0.0	0.0	0.0
	22.00000	41.00000	0.00000	-17.203	-0.50000	0.0	0.0	0.0
	23.00000	41.00000	0.00000	-17.247	-0.50000	0.0	0.0	0.0
	24.00000	41.00000	0.00000	-17.253	-0.50000	0.0	0.0	0.0
	25.00000	41.00000	0.00000	-17.219	-0.50000	0.0	0.0	0.0
	26.00000	41.00000	0.00000	-17.142	-0.50000	0.0	0.0	0.0
	27.00000	41.00000	0.00000	-17.020	-0.50000	0.0	0.0	0.0
	28.00000	41.00000	0.00000	-16.850	-0.50000	0.0	0.0	0.0
	29.00000	41.00000	0.00000	-16.634	-0.50000	0.0	0.0	0.0
	30.00000	41.00000	0.00000	-16.370	-0.50000	0.0	0.0	0.0
	31.00000	41.00000	0.00000	-16.060	-0.50000	0.0	0.0	0.0
	32.00000	41.00000	0.00000	-15.705	-0.50000	0.0	0.0	0.0
	33.00000	41.00000	0.00000	-15.307	-0.50000	0.0	0.0	0.0
	34.00000	41.00000	0.00000	-14.869	-0.50000	0.0	0.0	0.0
	35.00000	41.00000	0.00000	-14.396	-0.50000	0.0	0.0	0.0
	36.00000	41.00000	0.00000	-13.892	-0.50000	0.0	0.0	0.0
	37.00000	41.00000	0.00000	-13.363	-0.50000	0.0	0.0	0.0
	38.00000	41.00000	0.00000	-12.816	-0.50000	0.0	0.0	0.0
	39.00000	41.00000	0.00000	-12.258	-0.50000	0.0	0.0	0.0
	40.00000	41.00000	0.00000	-11.695	-0.50000	0.0	0.0	0.0
	41.00000	41.00000	0.00000	-11.134	-0.50000	0.0	0.0	0.0
	42.00000	41.00000	0.00000	-10.581	-0.50000	0.0	0.0	0.0
	43.00000	41.00000	0.00000	-10.039	-0.50000	0.0	0.0	0.0
	44.00000	41.00000	0.00000	-9.5125	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	45.00000	41.00000	0.00000	-9.0042	-0.50000	0.0	0.0	0.0
	46.00000	41.00000	0.00000	-8.5158	-0.50000	0.0	0.0	0.0
	47.00000	41.00000	0.00000	-8.0483	-0.50000	0.0	0.0	0.0
	48.00000	41.00000	0.00000	-7.6022	-0.50000	0.0	0.0	0.0
	49.00000	41.00000	0.00000	-7.1776	-0.50000	0.0	0.0	0.0
	50.00000	41.00000	0.00000	-6.7743	-0.50000	0.0	0.0	0.0
	51.00000	41.00000	0.00000	-6.3917	-0.50000	0.0	0.0	0.0
	52.00000	41.00000	0.00000	-6.0293	-0.50000	0.0	0.0	0.0
	53.00000	41.00000	0.00000	-5.6864	-0.50000	0.0	0.0	0.0
	54.00000	41.00000	0.00000	-5.3620	-0.50000	0.0	0.0	0.0
	55.00000	41.00000	0.00000	-5.0555	-0.50000	0.0	0.0	0.0
	56.00000	41.00000	0.00000	-4.7660	-0.50000	0.0	0.0	0.0
	57.00000	41.00000	0.00000	-4.4926	-0.50000	0.0	0.0	0.0
	58.00000	41.00000	0.00000	-4.2345	-0.50000	0.0	0.0	0.0
	59.00000	41.00000	0.00000	-3.9909	-0.50000	0.0	0.0	0.0
	60.00000	41.00000	0.00000	-3.7610	-0.50000	0.0	0.0	0.0
	-20.00000	42.00000	0.00000	-3.5636	-0.50000	0.0	0.0	0.0
	-19.00000	42.00000	0.00000	-3.7727	-0.50000	0.0	0.0	0.0
	-18.00000	42.00000	0.00000	-3.9930	-0.50000	0.0	0.0	0.0
	-17.00000	42.00000	0.00000	-4.2251	-0.50000	0.0	0.0	0.0
	-16.00000	42.00000	0.00000	-4.4692	-0.50000	0.0	0.0	0.0
	-15.00000	42.00000	0.00000	-4.7258	-0.50000	0.0	0.0	0.0
	-14.00000	42.00000	0.00000	-4.9953	-0.50000	0.0	0.0	0.0
	-13.00000	42.00000	0.00000	-5.2778	-0.50000	0.0	0.0	0.0
	-12.00000	42.00000	0.00000	-5.5736	-0.50000	0.0	0.0	0.0
	-11.00000	42.00000	0.00000	-5.8827	-0.50000	0.0	0.0	0.0
	-10.00000	42.00000	0.00000	-6.2052	-0.50000	0.0	0.0	0.0
	-9.00000	42.00000	0.00000	-6.5407	-0.50000	0.0	0.0	0.0
	-8.00000	42.00000	0.00000	-6.8890	-0.50000	0.0	0.0	0.0
	-7.00000	42.00000	0.00000	-7.2493	-0.50000	0.0	0.0	0.0
	-6.00000	42.00000	0.00000	-7.6209	-0.50000	0.0	0.0	0.0
	-5.00000	42.00000	0.00000	-8.0026	-0.50000	0.0	0.0	0.0
	-4.00000	42.00000	0.00000	-8.3929	-0.50000	0.0	0.0	0.0
	-3.00000	42.00000	0.00000	-8.7903	-0.50000	0.0	0.0	0.0
	-2.00000	42.00000	0.00000	-9.1927	-0.50000	0.0	0.0	0.0
	-1.00000	42.00000	0.00000	-9.5979	-0.50000	0.0	0.0	0.0
	0.00000	42.00000	0.00000	-10.004	-0.50000	0.0	0.0	0.0
	1.00000	42.00000	0.00000	-10.408	-0.50000	0.0	0.0	0.0
	2.00000	42.00000	0.00000	-10.807	-0.50000	0.0	0.0	0.0
	3.00000	42.00000	0.00000	-11.200	-0.50000	0.0	0.0	0.0
	4.00000	42.00000	0.00000	-11.585	-0.50000	0.0	0.0	0.0
	5.00000	42.00000	0.00000	-11.958	-0.50000	0.0	0.0	0.0
	6.00000	42.00000	0.00000	-12.319	-0.50000	0.0	0.0	0.0
	7.00000	42.00000	0.00000	-12.667	-0.50000	0.0	0.0	0.0
	8.00000	42.00000	0.00000	-12.999	-0.50000	0.0	0.0	0.0
	9.00000	42.00000	0.00000	-13.315	-0.50000	0.0	0.0	0.0
	10.00000	42.00000	0.00000	-13.615	-0.50000	0.0	0.0	0.0
	11.00000	42.00000	0.00000	-13.898	-0.50000	0.0	0.0	0.0
	12.00000	42.00000	0.00000	-14.164	-0.50000	0.0	0.0	0.0
	13.00000	42.00000	0.00000	-14.412	-0.50000	0.0	0.0	0.0
	14.00000	42.00000	0.00000	-14.643	-0.50000	0.0	0.0	0.0
	15.00000	42.00000	0.00000	-14.855	-0.50000	0.0	0.0	0.0
	16.00000	42.00000	0.00000	-15.049	-0.50000	0.0	0.0	0.0
	17.00000	42.00000	0.00000	-15.225	-0.50000	0.0	0.0	0.0
	18.00000	42.00000	0.00000	-15.380	-0.50000	0.0	0.0	0.0
	19.00000	42.00000	0.00000	-15.514	-0.50000	0.0	0.0	0.0
	20.00000	42.00000	0.00000	-15.624	-0.50000	0.0	0.0	0.0
	21.00000	42.00000	0.00000	-15.710	-0.50000	0.0	0.0	0.0
	22.00000	42.00000	0.00000	-15.767	-0.50000	0.0	0.0	0.0
	23.00000	42.00000	0.00000	-15.795	-0.50000	0.0	0.0	0.0
	24.00000	42.00000	0.00000	-15.789	-0.50000	0.0	0.0	0.0
	25.00000	42.00000	0.00000	-15.748	-0.50000	0.0	0.0	0.0
	26.00000	42.00000	0.00000	-15.669	-0.50000	0.0	0.0	0.0
	27.00000	42.00000	0.00000	-15.552	-0.50000	0.0	0.0	0.0
	28.00000	42.00000	0.00000	-15.394	-0.50000	0.0	0.0	0.0
	29.00000	42.00000	0.00000	-15.196	-0.50000	0.0	0.0	0.0
	30.00000	42.00000	0.00000	-14.958	-0.50000	0.0	0.0	0.0
	31.00000	42.00000	0.00000	-14.680	-0.50000	0.0	0.0	0.0
	32.00000	42.00000	0.00000	-14.364	-0.50000	0.0	0.0	0.0
	33.00000	42.00000	0.00000	-14.012	-0.50000	0.0	0.0	0.0
	34.00000	42.00000	0.00000	-13.627	-0.50000	0.0	0.0	0.0
	35.00000	42.00000	0.00000	-13.212	-0.50000	0.0	0.0	0.0
	36.00000	42.00000	0.00000	-12.771	-0.50000	0.0	0.0	0.0
	37.00000	42.00000	0.00000	-12.310	-0.50000	0.0	0.0	0.0
	38.00000	42.00000	0.00000	-11.832	-0.50000	0.0	0.0	0.0
	39.00000	42.00000	0.00000	-11.344	-0.50000	0.0	0.0	0.0
	40.00000	42.00000	0.00000	-10.850	-0.50000	0.0	0.0	0.0
	41.00000	42.00000	0.00000	-10.356	-0.50000	0.0	0.0	0.0
	42.00000	42.00000	0.00000	-9.8671	-0.50000	0.0	0.0	0.0
	43.00000	42.00000	0.00000	-9.3860	-0.50000	0.0	0.0	0.0
	44.00000	42.00000	0.00000	-8.9162	-0.50000	0.0	0.0	0.0
	45.00000	42.00000	0.00000	-8.4602	-0.50000	0.0	0.0	0.0
	46.00000	42.00000	0.00000	-8.0197	-0.50000	0.0	0.0	0.0
	47.00000	42.00000	0.00000	-7.5959	-0.50000	0.0	0.0	0.0
	48.00000	42.00000	0.00000	-7.1896	-0.50000	0.0	0.0	0.0
	49.00000	42.00000	0.00000	-6.8012	-0.50000	0.0	0.0	0.0
	50.00000	42.00000	0.00000	-6.4306	-0.50000	0.0	0.0	0.0
	51.00000	42.00000	0.00000	-6.0778	-0.50000	0.0	0.0	0.0
	52.00000	42.00000	0.00000	-5.7423	-0.50000	0.0	0.0	0.0
	53.00000	42.00000	0.00000	-5.4238	-0.50000	0.0	0.0	0.0
	54.00000	42.00000	0.00000	-5.1216	-0.50000	0.0	0.0	0.0
	55.00000	42.00000	0.00000	-4.8352	-0.50000	0.0	0.0	0.0
	56.00000	42.00000	0.00000	-4.5640	-0.50000	0.0	0.0	0.0
	57.00000	42.00000	0.00000	-4.3072	-0.50000	0.0	0.0	0.0
	58.00000	42.00000	0.00000	-4.0643	-0.50000	0.0	0.0	0.0
	59.00000	42.00000	0.00000	-3.8345	-0.50000	0.0	0.0	0.0
	60.00000	42.00000	0.00000	-3.6172	-0.50000	0.0	0.0	0.0
	-20.00000	43.00000	0.00000	-3.4187	-0.50000	0.0	0.0	0.0
	-19.00000	43.00000	0.00000	-3.6156	-0.50000	0.0	0.0	0.0
	-18.00000	43.00000	0.00000	-3.8227	-0.50000	0.0	0.0	0.0
	-17.00000	43.00000	0.00000	-4.0403	-0.50000	0.0	0.0	0.0
	-16.00000	43.00000	0.00000	-4.2688	-0.50000	0.0	0.0	0.0
	-15.00000	43.00000	0.00000	-4.5084	-0.50000	0.0	0.0	0.0
	-14.00000	43.00000	0.00000	-4.7593	-0.50000	0.0	0.0	0.0
	-13.00000	43.00000	0.00000	-5.0218	-0.50000	0.0	0.0	0.0
	-12.00000	43.00000	0.00000	-5.2958	-0.50000	0.0	0.0	0.0
	-11.00000	43.00000	0.00000	-5.5815	-0.50000	0.0	0.0	0.0
	-10.00000	43.00000	0.00000	-5.8786	-0.50000	0.0	0.0	0.0
	-9.00000	43.00000	0.00000	-6.1869	-0.50000	0.0	0.0	0.0
	-8.00000	43.00000	0.00000	-6.5059	-0.50000	0.0	0.0	0.0
	-7.00000	43.00000	0.00000	-6.8351	-0.50000	0.0	0.0	0.0
	-6.00000	43.00000	0.00000	-7.1736	-0.50000	0.0	0.0	0.0
	-5.00000	43.00000	0.00000	-7.5204	-0.50000	0.0	0.0	0.0
	-4.00000	43.00000	0.00000	-7.8742	-0.50000	0.0	0.0	0.0
	-3.00000	43.00000	0.00000	-8.2336	-0.50000	0.0	0.0	0.0
	-2.00000	43.00000	0.00000	-8.5969	-0.50000	0.0	0.0	0.0
	-1.00000	43.00000	0.00000	-8.9622	-0.50000	0.0	0.0	0.0
	0.00000	43.00000	0.00000	-9.3276	-0.50000	0.0	0.0	0.0
	1.00000	43.00000	0.00000	-9.6911	-0.50000	0.0	0.0	0.0
	2.00000	43.00000	0.00000	-10.051	-0.50000	0.0	0.0	0.0
	3.00000	43.00000	0.00000	-10.405	-0.50000	0.0	0.0	0.0
	4.00000	43.00000	0.00000	-10.751	-0.50000	0.0	0.0	0.0
	5.00000	43.00000	0.00000	-11.087	-0.50000	0.0	0.0	0.0
	6.00000	43.00000	0.00000	-11.413	-0.50000	0.0	0.0	0.0
	7.00000	43.00000	0.00000	-11.727	-0.50000	0.0	0.0	0.0
	8.00000	43.00000	0.00000	-12.027	-0.50000	0.0	0.0	0.0
	9.00000	43.00000	0.00000	-12.313	-0.50000	0.0	0.0	0.0
	10.00000	43.00000	0.00000	-12.585	-0.50000	0.0	0.0	0.0
	11.00000	43.00000	0.00000	-12.841	-0.50000	0.0	0.0	0.0
	12.00000	43.00000	0.00000	-13.081	-0.50000	0.0	0.0	0.0
	13.00000	43.00000	0.00000	-13.305	-0.50000	0.0	0.0	0.0
	14.00000	43.00000	0.00000	-13.512	-0.50000	0.0	0.0	0.0
	15.00000	43.00000	0.00000	-13.702	-0.50000	0.0	0.0	0.0
	16.00000	43.00000	0.00000	-13.874	-0.50000	0.0	0.0	0.0
	17.00000	43.00000	0.00000	-14.028	-0.50000	0.0	0.0	0.0
	18.00000	43.00000	0.00000	-14.163	-0.50000

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	24.00000	43.00000	0.00000	-14.484	-0.50000	0.0	0.0	0.0
	25.00000	43.00000	0.00000	-14.439	-0.50000	0.0	0.0	0.0
	26.00000	43.00000	0.00000	-14.361	-0.50000	0.0	0.0	0.0
	27.00000	43.00000	0.00000	-14.249	-0.50000	0.0	0.0	0.0
	28.00000	43.00000	0.00000	-14.103	-0.50000	0.0	0.0	0.0
	29.00000	43.00000	0.00000	-13.922	-0.50000	0.0	0.0	0.0
	30.00000	43.00000	0.00000	-13.707	-0.50000	0.0	0.0	0.0
	31.00000	43.00000	0.00000	-13.458	-0.50000	0.0	0.0	0.0
	32.00000	43.00000	0.00000	-13.176	-0.50000	0.0	0.0	0.0
	33.00000	43.00000	0.00000	-12.864	-0.50000	0.0	0.0	0.0
	34.00000	43.00000	0.00000	-12.523	-0.50000	0.0	0.0	0.0
	35.00000	43.00000	0.00000	-12.158	-0.50000	0.0	0.0	0.0
	36.00000	43.00000	0.00000	-11.770	-0.50000	0.0	0.0	0.0
	37.00000	43.00000	0.00000	-11.364	-0.50000	0.0	0.0	0.0
	38.00000	43.00000	0.00000	-10.944	-0.50000	0.0	0.0	0.0
	39.00000	43.00000	0.00000	-10.514	-0.50000	0.0	0.0	0.0
	40.00000	43.00000	0.00000	-10.079	-0.50000	0.0	0.0	0.0
	41.00000	43.00000	0.00000	-9.6423	-0.50000	0.0	0.0	0.0
	42.00000	43.00000	0.00000	-9.2080	-0.50000	0.0	0.0	0.0
	43.00000	43.00000	0.00000	-8.7792	-0.50000	0.0	0.0	0.0
	44.00000	43.00000	0.00000	-8.3586	-0.50000	0.0	0.0	0.0
	45.00000	43.00000	0.00000	-7.9486	-0.50000	0.0	0.0	0.0
	46.00000	43.00000	0.00000	-7.5506	-0.50000	0.0	0.0	0.0
	47.00000	43.00000	0.00000	-7.1661	-0.50000	0.0	0.0	0.0
	48.00000	43.00000	0.00000	-6.7959	-0.50000	0.0	0.0	0.0
	49.00000	43.00000	0.00000	-6.4405	-0.50000	0.0	0.0	0.0
	50.00000	43.00000	0.00000	-6.1001	-0.50000	0.0	0.0	0.0
	51.00000	43.00000	0.00000	-5.7748	-0.50000	0.0	0.0	0.0
	52.00000	43.00000	0.00000	-5.4645	-0.50000	0.0	0.0	0.0
	53.00000	43.00000	0.00000	-5.1689	-0.50000	0.0	0.0	0.0
	54.00000	43.00000	0.00000	-4.8876	-0.50000	0.0	0.0	0.0
	55.00000	43.00000	0.00000	-4.6203	-0.50000	0.0	0.0	0.0
	56.00000	43.00000	0.00000	-4.3665	-0.50000	0.0	0.0	0.0
	57.00000	43.00000	0.00000	-4.1256	-0.50000	0.0	0.0	0.0
	58.00000	43.00000	0.00000	-3.8972	-0.50000	0.0	0.0	0.0
	59.00000	43.00000	0.00000	-3.6806	-0.50000	0.0	0.0	0.0
	60.00000	43.00000	0.00000	-3.4755	-0.50000	0.0	0.0	0.0
	-20.00000	44.00000	0.00000	-3.2770	-0.50000	0.0	0.0	0.0
	-19.00000	44.00000	0.00000	-3.4623	-0.50000	0.0	0.0	0.0
	-18.00000	44.00000	0.00000	-3.6569	-0.50000	0.0	0.0	0.0
	-17.00000	44.00000	0.00000	-3.8608	-0.50000	0.0	0.0	0.0
	-16.00000	44.00000	0.00000	-4.0745	-0.50000	0.0	0.0	0.0
	-15.00000	44.00000	0.00000	-4.2981	-0.50000	0.0	0.0	0.0
	-14.00000	44.00000	0.00000	-4.5318	-0.50000	0.0	0.0	0.0
	-13.00000	44.00000	0.00000	-4.7756	-0.50000	0.0	0.0	0.0
	-12.00000	44.00000	0.00000	-5.0295	-0.50000	0.0	0.0	0.0
	-11.00000	44.00000	0.00000	-5.2936	-0.50000	0.0	0.0	0.0
	-10.00000	44.00000	0.00000	-5.5675	-0.50000	0.0	0.0	0.0
	-9.00000	44.00000	0.00000	-5.8509	-0.50000	0.0	0.0	0.0
	-8.00000	44.00000	0.00000	-6.1435	-0.50000	0.0	0.0	0.0
	-7.00000	44.00000	0.00000	-6.4447	-0.50000	0.0	0.0	0.0
	-6.00000	44.00000	0.00000	-6.7535	-0.50000	0.0	0.0	0.0
	-5.00000	44.00000	0.00000	-7.0692	-0.50000	0.0	0.0	0.0
	-4.00000	44.00000	0.00000	-7.3906	-0.50000	0.0	0.0	0.0
	-3.00000	44.00000	0.00000	-7.7164	-0.50000	0.0	0.0	0.0
	-2.00000	44.00000	0.00000	-8.0452	-0.50000	0.0	0.0	0.0
	-1.00000	44.00000	0.00000	-8.3754	-0.50000	0.0	0.0	0.0
	0.00000	44.00000	0.00000	-8.7054	-0.50000	0.0	0.0	0.0
	1.00000	44.00000	0.00000	-9.0335	-0.50000	0.0	0.0	0.0
	2.00000	44.00000	0.00000	-9.3580	-0.50000	0.0	0.0	0.0
	3.00000	44.00000	0.00000	-9.6772	-0.50000	0.0	0.0	0.0
	4.00000	44.00000	0.00000	-9.9895	-0.50000	0.0	0.0	0.0
	5.00000	44.00000	0.00000	-10.294	-0.50000	0.0	0.0	0.0
	6.00000	44.00000	0.00000	-10.588	-0.50000	0.0	0.0	0.0
	7.00000	44.00000	0.00000	-10.872	-0.50000	0.0	0.0	0.0
	8.00000	44.00000	0.00000	-11.143	-0.50000	0.0	0.0	0.0
	9.00000	44.00000	0.00000	-11.402	-0.50000	0.0	0.0	0.0
	10.00000	44.00000	0.00000	-11.648	-0.50000	0.0	0.0	0.0
	11.00000	44.00000	0.00000	-11.880	-0.50000	0.0	0.0	0.0
	12.00000	44.00000	0.00000	-12.096	-0.50000	0.0	0.0	0.0
	13.00000	44.00000	0.00000	-12.298	-0.50000	0.0	0.0	0.0
	14.00000	44.00000	0.00000	-12.485	-0.50000	0.0	0.0	0.0
	15.00000	44.00000	0.00000	-12.655	-0.50000	0.0	0.0	0.0
	16.00000	44.00000	0.00000	-12.808	-0.50000	0.0	0.0	0.0
	17.00000	44.00000	0.00000	-12.944	-0.50000	0.0	0.0	0.0
	18.00000	44.00000	0.00000	-13.062	-0.50000	0.0	0.0	0.0
	19.00000	44.00000	0.00000	-13.160	-0.50000	0.0	0.0	0.0
	20.00000	44.00000	0.00000	-13.237	-0.50000	0.0	0.0	0.0
	21.00000	44.00000	0.00000	-13.293	-0.50000	0.0	0.0	0.0
	22.00000	44.00000	0.00000	-13.325	-0.50000	0.0	0.0	0.0
	23.00000	44.00000	0.00000	-13.333	-0.50000	0.0	0.0	0.0
	24.00000	44.00000	0.00000	-13.314	-0.50000	0.0	0.0	0.0
	25.00000	44.00000	0.00000	-13.267	-0.50000	0.0	0.0	0.0
	26.00000	44.00000	0.00000	-13.192	-0.50000	0.0	0.0	0.0
	27.00000	44.00000	0.00000	-13.087	-0.50000	0.0	0.0	0.0
	28.00000	44.00000	0.00000	-12.952	-0.50000	0.0	0.0	0.0
	29.00000	44.00000	0.00000	-12.787	-0.50000	0.0	0.0	0.0
	30.00000	44.00000	0.00000	-12.592	-0.50000	0.0	0.0	0.0
	31.00000	44.00000	0.00000	-12.368	-0.50000	0.0	0.0	0.0
	32.00000	44.00000	0.00000	-12.116	-0.50000	0.0	0.0	0.0
	33.00000	44.00000	0.00000	-11.838	-0.50000	0.0	0.0	0.0
	34.00000	44.00000	0.00000	-11.536	-0.50000	0.0	0.0	0.0
	35.00000	44.00000	0.00000	-11.212	-0.50000	0.0	0.0	0.0
	36.00000	44.00000	0.00000	-10.869	-0.50000	0.0	0.0	0.0
	37.00000	44.00000	0.00000	-10.510	-0.50000	0.0	0.0	0.0
	38.00000	44.00000	0.00000	-10.139	-0.50000	0.0	0.0	0.0
	39.00000	44.00000	0.00000	-9.7588	-0.50000	0.0	0.0	0.0
	40.00000	44.00000	0.00000	-9.3732	-0.50000	0.0	0.0	0.0
	41.00000	44.00000	0.00000	-8.9853	-0.50000	0.0	0.0	0.0
	42.00000	44.00000	0.00000	-8.5983	-0.50000	0.0	0.0	0.0
	43.00000	44.00000	0.00000	-8.2149	-0.50000	0.0	0.0	0.0
	44.00000	44.00000	0.00000	-7.8374	-0.50000	0.0	0.0	0.0
	45.00000	44.00000	0.00000	-7.4679	-0.50000	0.0	0.0	0.0
	46.00000	44.00000	0.00000	-7.1079	-0.50000	0.0	0.0	0.0
	47.00000	44.00000	0.00000	-6.7586	-0.50000	0.0	0.0	0.0
	48.00000	44.00000	0.00000	-6.4210	-0.50000	0.0	0.0	0.0
	49.00000	44.00000	0.00000	-6.0957	-0.50000	0.0	0.0	0.0
	50.00000	44.00000	0.00000	-5.7831	-0.50000	0.0	0.0	0.0
	51.00000	44.00000	0.00000	-5.4832	-0.50000	0.0	0.0	0.0
	52.00000	44.00000	0.00000	-5.1963	-0.50000	0.0	0.0	0.0
	53.00000	44.00000	0.00000	-4.9221	-0.50000	0.0	0.0	0.0
	54.00000	44.00000	0.00000	-4.6605	-0.50000	0.0	0.0	0.0
	55.00000	44.00000	0.00000	-4.4112	-0.50000	0.0	0.0	0.0
	56.00000	44.00000	0.00000	-4.1739	-0.50000	0.0	0.0	0.0
	57.00000	44.00000	0.00000	-3.9481	-0.50000	0.0	0.0	0.0
	58.00000	44.00000	0.00000	-3.7335	-0.50000	0.0	0.0	0.0
	59.00000	44.00000	0.00000	-3.5297	-0.50000	0.0	0.0	0.0
	60.00000	44.00000	0.00000	-3.3363	-0.50000	0.0	0.0	0.0
	-20.00000	45.00000	0.00000	-3.1388	-0.50000	0.0	0.0	0.0
	-19.00000	45.00000	0.00000	-3.3131	-0.50000	0.0	0.0	0.0
	-18.00000	45.00000	0.00000	-3.4957	-0.50000	0.0	0.0	0.0
	-17.00000	45.00000	0.00000	-3.6868	-0.50000	0.0	0.0	0.0
	-16.00000	45.00000	0.00000	-3.8866	-0.50000	0.0	0.0	0.0
	-15.00000	45.00000	0.00000	-4.0952	-0.50000	0.0	0.0	0.0
	-14.00000	45.00000	0.00000	-4.3128	-0.50000	0.0	0.0	0.0
	-13.00000	45.00000	0.00000	-4.5392	-0.50000	0.0	0.0	0.0
	-12.00000	45.00000	0.00000	-4.7746	-0.50000	0.0	0.0	0.0
	-11.00000	45.00000	0.00000	-5.0187	-0.50000	0.0	0.0	0.0
	-10.00000	45.00000	0.00000	-5.2713	-0.50000	0.0	0.0	0.0
	-9.00000	45.00000	0.00000	-5.5322	-0.50000	0.0	0.0	0.0
	-8.00000	45.00000	0.00000	-5.8008	-0.50000	0.0	0.0	0.0
	-7.00000	45.00000	0.00000	-6.0766	-0.50000	0.0	0.0	0.0
	-6.00000	45.00000	0.00000	-6.3589	-0.50000	0.0	0.0	0.0
	-5.00000	45.00000	0.00000	-6.6467	-0.50000	0.0	0.0	0.0
	-4.00000	45.00000	0.00000	-6.9393	-0.50000	0.0	0.0	0.0
	-3.00000	45.00000	0.00000	-7.2353	-0.50000	0.0	0.0	0.0
	-2.00000	45.00000	0.00000	-7.5335	-0.50000	0.0	0.0	0.0
	-1.00000	45.00000	0.00000	-7.8327	-0.50000	0.0	0.0	0.0
	0.00000	45.00000	0.00000	-8.1315	-0.50000	0.0	0.0	0.0
	1.00000	45.00000	0.00000	-8.4283	-0.50000	0.0	0.0	0.0
	2.00000	45.00000	0.00000	-8.7217	-0.50000	0.0	0.0	0.0

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	3.00000	45.00000	0.00000	-9.0104	-0.50000	0.0	0.0	0.0
	4.00000	45.00000	0.00000	-9.2928	-0.50000	0.0	0.0	0.0
	5.00000	45.00000	0.00000	-9.5679	-0.50000	0.0	0.0	0.0
	6.00000	45.00000	0.00000	-9.8343	-0.50000	0.0	0.0	0.0
	7.00000	45.00000	0.00000	-10.091	-0.50000	0.0	0.0	0.0
	8.00000	45.00000	0.00000	-10.337	-0.50000	0.0	0.0	0.0
	9.00000	45.00000	0.00000	-10.572	-0.50000	0.0	0.0	0.0
	10.00000	45.00000	0.00000	-10.794	-0.50000	0.0	0.0	0.0
	11.00000	45.00000	0.00000	-11.004	-0.50000	0.0	0.0	0.0
	12.00000	45.00000	0.00000	-11.200	-0.50000	0.0	0.0	0.0
	13.00000	45.00000	0.00000	-11.382	-0.50000	0.0	0.0	0.0
	14.00000	45.00000	0.00000	-11.549	-0.50000	0.0	0.0	0.0
	15.00000	45.00000	0.00000	-11.702	-0.50000	0.0	0.0	0.0
	16.00000	45.00000	0.00000	-11.838	-0.50000	0.0	0.0	0.0
	17.00000	45.00000	0.00000	-11.959	-0.50000	0.0	0.0	0.0
	18.00000	45.00000	0.00000	-12.062	-0.50000	0.0	0.0	0.0
	19.00000	45.00000	0.00000	-12.146	-0.50000	0.0	0.0	0.0
	20.00000	45.00000	0.00000	-12.212	-0.50000	0.0	0.0	0.0
	21.00000	45.00000	0.00000	-12.257	-0.50000	0.0	0.0	0.0
	22.00000	45.00000	0.00000	-12.281	-0.50000	0.0	0.0	0.0
	23.00000	45.00000	0.00000	-12.283	-0.50000	0.0	0.0	0.0
	24.00000	45.00000	0.00000	-12.261	-0.50000	0.0	0.0	0.0
	25.00000	45.00000	0.00000	-12.214	-0.50000	0.0	0.0	0.0
	26.00000	45.00000	0.00000	-12.141	-0.50000	0.0	0.0	0.0
	27.00000	45.00000	0.00000	-12.043	-0.50000	0.0	0.0	0.0
	28.00000	45.00000	0.00000	-11.919	-0.50000	0.0	0.0	0.0
	29.00000	45.00000	0.00000	-11.768	-0.50000	0.0	0.0	0.0
	30.00000	45.00000	0.00000	-11.592	-0.50000	0.0	0.0	0.0
	31.00000	45.00000	0.00000	-11.390	-0.50000	0.0	0.0	0.0
	32.00000	45.00000	0.00000	-11.165	-0.50000	0.0	0.0	0.0
	33.00000	45.00000	0.00000	-10.917	-0.50000	0.0	0.0	0.0
	34.00000	45.00000	0.00000	-10.647	-0.50000	0.0	0.0	0.0
	35.00000	45.00000	0.00000	-10.359	-0.50000	0.0	0.0	0.0
	36.00000	45.00000	0.00000	-10.055	-0.50000	0.0	0.0	0.0
	37.00000	45.00000	0.00000	-9.7364	-0.50000	0.0	0.0	0.0
	38.00000	45.00000	0.00000	-9.4068	-0.50000	0.0	0.0	0.0
	39.00000	45.00000	0.00000	-9.0690	-0.50000	0.0	0.0	0.0
	40.00000	45.00000	0.00000	-8.7258	-0.50000	0.0	0.0	0.0
	41.00000	45.00000	0.00000	-8.3799	-0.50000	0.0	0.0	0.0
	42.00000	45.00000	0.00000	-8.0338	-0.50000	0.0	0.0	0.0
	43.00000	45.00000	0.00000	-7.6899	-0.50000	0.0	0.0	0.0
	44.00000	45.00000	0.00000	-7.3503	-0.50000	0.0	0.0	0.0
	45.00000	45.00000	0.00000	-7.0166	-0.50000	0.0	0.0	0.0
	46.00000	45.00000	0.00000	-6.6904	-0.50000	0.0	0.0	0.0
	47.00000	45.00000	0.00000	-6.3728	-0.50000	0.0	0.0	0.0
	48.00000	45.00000	0.00000	-6.0647	-0.50000	0.0	0.0	0.0
	49.00000	45.00000	0.00000	-5.7668	-0.50000	0.0	0.0	0.0
	50.00000	45.00000	0.00000	-5.4796	-0.50000	0.0	0.0	0.0
	51.00000	45.00000	0.00000	-5.2033	-0.50000	0.0	0.0	0.0
	52.00000	45.00000	0.00000	-4.9380	-0.50000	0.0	0.0	0.0
	53.00000	45.00000	0.00000	-4.6838	-0.50000	0.0	0.0	0.0
	54.00000	45.00000	0.00000	-4.4406	-0.50000	0.0	0.0	0.0
	55.00000	45.00000	0.00000	-4.2083	-0.50000	0.0	0.0	0.0
	56.00000	45.00000	0.00000	-3.9865	-0.50000	0.0	0.0	0.0
	57.00000	45.00000	0.00000	-3.7751	-0.50000	0.0	0.0	0.0
	58.00000	45.00000	0.00000	-3.5737	-0.50000	0.0	0.0	0.0
	59.00000	45.00000	0.00000	-3.3821	-0.50000	0.0	0.0	0.0
	60.00000	45.00000	0.00000	-3.1998	-0.50000	0.0	0.0	0.0
	-20.00000	46.00000	0.00000	-3.0043	-0.50000	0.0	0.0	0.0
	-19.00000	46.00000	0.00000	-3.1681	-0.50000	0.0	0.0	0.0
	-18.00000	46.00000	0.00000	-3.3394	-0.50000	0.0	0.0	0.0
	-17.00000	46.00000	0.00000	-3.5184	-0.50000	0.0	0.0	0.0
	-16.00000	46.00000	0.00000	-3.7052	-0.50000	0.0	0.0	0.0
	-15.00000	46.00000	0.00000	-3.8998	-0.50000	0.0	0.0	0.0
	-14.00000	46.00000	0.00000	-4.1023	-0.50000	0.0	0.0	0.0
	-13.00000	46.00000	0.00000	-4.3126	-0.50000	0.0	0.0	0.0
	-12.00000	46.00000	0.00000	-4.5308	-0.50000	0.0	0.0	0.0
	-11.00000	46.00000	0.00000	-4.7566	-0.50000	0.0	0.0	0.0
	-10.00000	46.00000	0.00000	-4.9897	-0.50000	0.0	0.0	0.0
	-9.00000	46.00000	0.00000	-5.2299	-0.50000	0.0	0.0	0.0
	-8.00000	46.00000	0.00000	-5.4768	-0.50000	0.0	0.0	0.0
	-7.00000	46.00000	0.00000	-5.7297	-0.50000	0.0	0.0	0.0
	-6.00000	46.00000	0.00000	-5.9880	-0.50000	0.0	0.0	0.0
	-5.00000	46.00000	0.00000	-6.2509	-0.50000	0.0	0.0	0.0
	-4.00000	46.00000	0.00000	-6.5176	-0.50000	0.0	0.0	0.0
	-3.00000	46.00000	0.00000	-6.7871	-0.50000	0.0	0.0	0.0
	-2.00000	46.00000	0.00000	-7.0582	-0.50000	0.0	0.0	0.0
	-1.00000	46.00000	0.00000	-7.3299	-0.50000	0.0	0.0	0.0
	0.00000	46.00000	0.00000	-7.6009	-0.50000	0.0	0.0	0.0
	1.00000	46.00000	0.00000	-7.8700	-0.50000	0.0	0.0	0.0
	2.00000	46.00000	0.00000	-8.1359	-0.50000	0.0	0.0	0.0
	3.00000	46.00000	0.00000	-8.3974	-0.50000	0.0	0.0	0.0
	4.00000	46.00000	0.00000	-8.6533	-0.50000	0.0	0.0	0.0
	5.00000	46.00000	0.00000	-8.9025	-0.50000	0.0	0.0	0.0
	6.00000	46.00000	0.00000	-9.1440	-0.50000	0.0	0.0	0.0
	7.00000	46.00000	0.00000	-9.3767	-0.50000	0.0	0.0	0.0
	8.00000	46.00000	0.00000	-9.5997	-0.50000	0.0	0.0	0.0
	9.00000	46.00000	0.00000	-9.8124	-0.50000	0.0	0.0	0.0
	10.00000	46.00000	0.00000	-10.014	-0.50000	0.0	0.0	0.0
	11.00000	46.00000	0.00000	-10.204	-0.50000	0.0	0.0	0.0
	12.00000	46.00000	0.00000	-10.381	-0.50000	0.0	0.0	0.0
	13.00000	46.00000	0.00000	-10.545	-0.50000	0.0	0.0	0.0
	14.00000	46.00000	0.00000	-10.696	-0.50000	0.0	0.0	0.0
	15.00000	46.00000	0.00000	-10.833	-0.50000	0.0	0.0	0.0
	16.00000	46.00000	0.00000	-10.955	-0.50000	0.0	0.0	0.0
	17.00000	46.00000	0.00000	-11.061	-0.50000	0.0	0.0	0.0
	18.00000	46.00000	0.00000	-11.152	-0.50000	0.0	0.0	0.0
	19.00000	46.00000	0.00000	-11.225	-0.50000	0.0	0.0	0.0
	20.00000	46.00000	0.00000	-11.281	-0.50000	0.0	0.0	0.0
	21.00000	46.00000	0.00000	-11.318	-0.50000	0.0	0.0	0.0
	22.00000	46.00000	0.00000	-11.336	-0.50000	0.0	0.0	0.0
	23.00000	46.00000	0.00000	-11.333	-0.50000	0.0	0.0	0.0
	24.00000	46.00000	0.00000	-11.309	-0.50000	0.0	0.0	0.0
	25.00000	46.00000	0.00000	-11.263	-0.50000	0.0	0.0	0.0
	26.00000	46.00000	0.00000	-11.195	-0.50000	0.0	0.0	0.0
	27.00000	46.00000	0.00000	-11.103	-0.50000	0.0	0.0	0.0
	28.00000	46.00000	0.00000	-10.989	-0.50000	0.0	0.0	0.0
	29.00000	46.00000	0.00000	-10.852	-0.50000	0.0	0.0	0.0
	30.00000	46.00000	0.00000	-10.692	-0.50000	0.0	0.0	0.0
	31.00000	46.00000	0.00000	-10.510	-0.50000	0.0	0.0	0.0
	32.00000	46.00000	0.00000	-10.307	-0.50000	0.0	0.0	0.0
	33.00000	46.00000	0.00000	-10.085	-0.50000	0.0	0.0	0.0
	34.00000	46.00000	0.00000	-9.8444	-0.50000	0.0	0.0	0.0
	35.00000	46.00000	0.00000	-9.5874	-0.50000	0.0	0.0	0.0
	36.00000	46.00000	0.00000	-9.3159	-0.50000	0.0	0.0	0.0
	37.00000	46.00000	0.00000	-9.0322	-0.50000	0.0	0.0	0.0
	38.00000	46.00000	0.00000	-8.7385	-0.50000	0.0	0.0	0.0
	39.00000	46.00000	0.00000	-8.4372	-0.50000	0.0	0.0	0.0
	40.00000	46.00000	0.00000	-8.1306	-0.50000	0.0	0.0	0.0
	41.00000	46.00000	0.00000	-7.8210	-0.50000	0.0	0.0	0.0
	42.00000	46.00000	0.00000	-7.5105	-0.50000	0.0	0.0	0.0
	43.00000	46.00000	0.00000	-7.2013	-0.50000	0.0	0.0	0.0
	44.00000	46.00000	0.00000	-6.8949	-0.50000	0.0	0.0	0.0
	45.00000	46.00000	0.00000	-6.5931	-0.50000	0.0	0.0	0.0
	46.00000	46.00000	0.00000	-6.2970	-0.50000	0.0	0.0	0.0
	47.00000	46.00000	0.00000	-6.0079	-0.50000	0.0	0.0	0.0
	48.00000	46.00000	0.00000	-5.7265	-0.50000	0.0	0.0	0.0
	49.00000	46.00000	0.00000	-5.4536	-0.50000	0.0	0.0	0.0
	50.00000	46.00000	0.00000	-5.1896	-0.50000	0.0	0.0	0.0
	51.00000	46.00000	0.00000	-4.9349	-0.50000	0.0	0.0	0.0
	52.00000	46.00000	0.00000	-4.6897	-0.50000	0.0	0.0	0.0
	53.00000	46.00000	0.00000	-4.4541	-0.50000	0.0	0.0	0.0
	54.00000	46.00000	0.00000	-4.2282	-0.50000	0.0	0.0	0.0
	55.00000	46.00000	0.00000	-4.0117	-0.50000	0.0	0.0	0.0
	56.00000	46.00000	0.00000	-3.8047	-0.50000	0.0	0.0	0.0
	57

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-18.00000	47.00000	0.00000	-3.1881	-0.50000	0.0	0.0	0.0
	-17.00000	47.00000	0.00000	-3.3557	-0.50000	0.0	0.0	0.0
	-16.00000	47.00000	0.00000	-3.5302	-0.50000	0.0	0.0	0.0
	-15.00000	47.00000	0.00000	-3.7117	-0.50000	0.0	0.0	0.0
	-14.00000	47.00000	0.00000	-3.9002	-0.50000	0.0	0.0	0.0
	-13.00000	47.00000	0.00000	-4.0956	-0.50000	0.0	0.0	0.0
	-12.00000	47.00000	0.00000	-4.2979	-0.50000	0.0	0.0	0.0
	-11.00000	47.00000	0.00000	-4.5068	-0.50000	0.0	0.0	0.0
	-10.00000	47.00000	0.00000	-4.7221	-0.50000	0.0	0.0	0.0
	-9.00000	47.00000	0.00000	-4.9435	-0.50000	0.0	0.0	0.0
	-8.00000	47.00000	0.00000	-5.1705	-0.50000	0.0	0.0	0.0
	-7.00000	47.00000	0.00000	-5.4027	-0.50000	0.0	0.0	0.0
	-6.00000	47.00000	0.00000	-5.6393	-0.50000	0.0	0.0	0.0
	-5.00000	47.00000	0.00000	-5.8798	-0.50000	0.0	0.0	0.0
	-4.00000	47.00000	0.00000	-6.1234	-0.50000	0.0	0.0	0.0
	-3.00000	47.00000	0.00000	-6.3691	-0.50000	0.0	0.0	0.0
	-2.00000	47.00000	0.00000	-6.6160	-0.50000	0.0	0.0	0.0
	-1.00000	47.00000	0.00000	-6.8632	-0.50000	0.0	0.0	0.0
	0.00000	47.00000	0.00000	-7.1095	-0.50000	0.0	0.0	0.0
	1.00000	47.00000	0.00000	-7.3539	-0.50000	0.0	0.0	0.0
	2.00000	47.00000	0.00000	-7.5953	-0.50000	0.0	0.0	0.0
	3.00000	47.00000	0.00000	-7.8327	-0.50000	0.0	0.0	0.0
	4.00000	47.00000	0.00000	-8.0649	-0.50000	0.0	0.0	0.0
	5.00000	47.00000	0.00000	-8.2910	-0.50000	0.0	0.0	0.0
	6.00000	47.00000	0.00000	-8.5101	-0.50000	0.0	0.0	0.0
	7.00000	47.00000	0.00000	-8.7212	-0.50000	0.0	0.0	0.0
	8.00000	47.00000	0.00000	-8.9236	-0.50000	0.0	0.0	0.0
	9.00000	47.00000	0.00000	-9.1164	-0.50000	0.0	0.0	0.0
	10.00000	47.00000	0.00000	-9.2991	-0.50000	0.0	0.0	0.0
	11.00000	47.00000	0.00000	-9.4709	-0.50000	0.0	0.0	0.0
	12.00000	47.00000	0.00000	-9.6313	-0.50000	0.0	0.0	0.0
	13.00000	47.00000	0.00000	-9.7797	-0.50000	0.0	0.0	0.0
	14.00000	47.00000	0.00000	-9.9155	-0.50000	0.0	0.0	0.0
	15.00000	47.00000	0.00000	-10.038	-0.50000	0.0	0.0	0.0
	16.00000	47.00000	0.00000	-10.147	-0.50000	0.0	0.0	0.0
	17.00000	47.00000	0.00000	-10.242	-0.50000	0.0	0.0	0.0
	18.00000	47.00000	0.00000	-10.322	-0.50000	0.0	0.0	0.0
	19.00000	47.00000	0.00000	-10.386	-0.50000	0.0	0.0	0.0
	20.00000	47.00000	0.00000	-10.433	-0.50000	0.0	0.0	0.0
	21.00000	47.00000	0.00000	-10.464	-0.50000	0.0	0.0	0.0
	22.00000	47.00000	0.00000	-10.477	-0.50000	0.0	0.0	0.0
	23.00000	47.00000	0.00000	-10.471	-0.50000	0.0	0.0	0.0
	24.00000	47.00000	0.00000	-10.446	-0.50000	0.0	0.0	0.0
	25.00000	47.00000	0.00000	-10.402	-0.50000	0.0	0.0	0.0
	26.00000	47.00000	0.00000	-10.338	-0.50000	0.0	0.0	0.0
	27.00000	47.00000	0.00000	-10.253	-0.50000	0.0	0.0	0.0
	28.00000	47.00000	0.00000	-10.148	-0.50000	0.0	0.0	0.0
	29.00000	47.00000	0.00000	-10.023	-0.50000	0.0	0.0	0.0
	30.00000	47.00000	0.00000	-9.8777	-0.50000	0.0	0.0	0.0
	31.00000	47.00000	0.00000	-9.7135	-0.50000	0.0	0.0	0.0
	32.00000	47.00000	0.00000	-9.5311	-0.50000	0.0	0.0	0.0
	33.00000	47.00000	0.00000	-9.3315	-0.50000	0.0	0.0	0.0
	34.00000	47.00000	0.00000	-9.1159	-0.50000	0.0	0.0	0.0
	35.00000	47.00000	0.00000	-8.8858	-0.50000	0.0	0.0	0.0
	36.00000	47.00000	0.00000	-8.6431	-0.50000	0.0	0.0	0.0
	37.00000	47.00000	0.00000	-8.3894	-0.50000	0.0	0.0	0.0
	38.00000	47.00000	0.00000	-8.1267	-0.50000	0.0	0.0	0.0
	39.00000	47.00000	0.00000	-7.8569	-0.50000	0.0	0.0	0.0
	40.00000	47.00000	0.00000	-7.5821	-0.50000	0.0	0.0	0.0
	41.00000	47.00000	0.00000	-7.3042	-0.50000	0.0	0.0	0.0
	42.00000	47.00000	0.00000	-7.0249	-0.50000	0.0	0.0	0.0
	43.00000	47.00000	0.00000	-6.7461	-0.50000	0.0	0.0	0.0
	44.00000	47.00000	0.00000	-6.4692	-0.50000	0.0	0.0	0.0
	45.00000	47.00000	0.00000	-6.1956	-0.50000	0.0	0.0	0.0
	46.00000	47.00000	0.00000	-5.9266	-0.50000	0.0	0.0	0.0
	47.00000	47.00000	0.00000	-5.6630	-0.50000	0.0	0.0	0.0
	48.00000	47.00000	0.00000	-5.4058	-0.50000	0.0	0.0	0.0
	49.00000	47.00000	0.00000	-5.1556	-0.50000	0.0	0.0	0.0
	50.00000	47.00000	0.00000	-4.9130	-0.50000	0.0	0.0	0.0
	51.00000	47.00000	0.00000	-4.6782	-0.50000	0.0	0.0	0.0
	52.00000	47.00000	0.00000	-4.4516	-0.50000	0.0	0.0	0.0
	53.00000	47.00000	0.00000	-4.2333	-0.50000	0.0	0.0	0.0
	54.00000	47.00000	0.00000	-4.0233	-0.50000	0.0	0.0	0.0
	55.00000	47.00000	0.00000	-3.8218	-0.50000	0.0	0.0	0.0
	56.00000	47.00000	0.00000	-3.6286	-0.50000	0.0	0.0	0.0
	57.00000	47.00000	0.00000	-3.4436	-0.50000	0.0	0.0	0.0
	58.00000	47.00000	0.00000	-3.2666	-0.50000	0.0	0.0	0.0
	59.00000	47.00000	0.00000	-3.0975	-0.50000	0.0	0.0	0.0
	60.00000	47.00000	0.00000	-2.9361	-0.50000	0.0	0.0	0.0
	-20.00000	48.00000	0.00000	-2.7467	-0.50000	0.0	0.0	0.0
	-19.00000	48.00000	0.00000	-2.8913	-0.50000	0.0	0.0	0.0
	-18.00000	48.00000	0.00000	-3.0419	-0.50000	0.0	0.0	0.0
	-17.00000	48.00000	0.00000	-3.1987	-0.50000	0.0	0.0	0.0
	-16.00000	48.00000	0.00000	-3.3618	-0.50000	0.0	0.0	0.0
	-15.00000	48.00000	0.00000	-3.5310	-0.50000	0.0	0.0	0.0
	-14.00000	48.00000	0.00000	-3.7065	-0.50000	0.0	0.0	0.0
	-13.00000	48.00000	0.00000	-3.8881	-0.50000	0.0	0.0	0.0
	-12.00000	48.00000	0.00000	-4.0757	-0.50000	0.0	0.0	0.0
	-11.00000	48.00000	0.00000	-4.2691	-0.50000	0.0	0.0	0.0
	-10.00000	48.00000	0.00000	-4.4680	-0.50000	0.0	0.0	0.0
	-9.00000	48.00000	0.00000	-4.6721	-0.50000	0.0	0.0	0.0
	-8.00000	48.00000	0.00000	-4.8811	-0.50000	0.0	0.0	0.0
	-7.00000	48.00000	0.00000	-5.0944	-0.50000	0.0	0.0	0.0
	-6.00000	48.00000	0.00000	-5.3115	-0.50000	0.0	0.0	0.0
	-5.00000	48.00000	0.00000	-5.5318	-0.50000	0.0	0.0	0.0
	-4.00000	48.00000	0.00000	-5.7545	-0.50000	0.0	0.0	0.0
	-3.00000	48.00000	0.00000	-5.9789	-0.50000	0.0	0.0	0.0
	-2.00000	48.00000	0.00000	-6.2041	-0.50000	0.0	0.0	0.0
	-1.00000	48.00000	0.00000	-6.4293	-0.50000	0.0	0.0	0.0
	0.00000	48.00000	0.00000	-6.6536	-0.50000	0.0	0.0	0.0
	1.00000	48.00000	0.00000	-6.8760	-0.50000	0.0	0.0	0.0
	2.00000	48.00000	0.00000	-7.0955	-0.50000	0.0	0.0	0.0
	3.00000	48.00000	0.00000	-7.3112	-0.50000	0.0	0.0	0.0
	4.00000	48.00000	0.00000	-7.5223	-0.50000	0.0	0.0	0.0
	5.00000	48.00000	0.00000	-7.7277	-0.50000	0.0	0.0	0.0
	6.00000	48.00000	0.00000	-7.9267	-0.50000	0.0	0.0	0.0
	7.00000	48.00000	0.00000	-8.1185	-0.50000	0.0	0.0	0.0
	8.00000	48.00000	0.00000	-8.3022	-0.50000	0.0	0.0	0.0
	9.00000	48.00000	0.00000	-8.4773	-0.50000	0.0	0.0	0.0
	10.00000	48.00000	0.00000	-8.6430	-0.50000	0.0	0.0	0.0
	11.00000	48.00000	0.00000	-8.7987	-0.50000	0.0	0.0	0.0
	12.00000	48.00000	0.00000	-8.9439	-0.50000	0.0	0.0	0.0
	13.00000	48.00000	0.00000	-9.0780	-0.50000	0.0	0.0	0.0
	14.00000	48.00000	0.00000	-9.2005	-0.50000	0.0	0.0	0.0
	15.00000	48.00000	0.00000	-9.3108	-0.50000	0.0	0.0	0.0
	16.00000	48.00000	0.00000	-9.4084	-0.50000	0.0	0.0	0.0
	17.00000	48.00000	0.00000	-9.4927	-0.50000	0.0	0.0	0.0
	18.00000	48.00000	0.00000	-9.5631	-0.50000	0.0	0.0	0.0
	19.00000	48.00000	0.00000	-9.6191	-0.50000	0.0	0.0	0.0
	20.00000	48.00000	0.00000	-9.6601	-0.50000	0.0	0.0	0.0
	21.00000	48.00000	0.00000	-9.6854	-0.50000	0.0	0.0	0.0
	22.00000	48.00000	0.00000	-9.6945	-0.50000	0.0	0.0	0.0
	23.00000	48.00000	0.00000	-9.6869	-0.50000	0.0	0.0	0.0
	24.00000	48.00000	0.00000	-9.6621	-0.50000	0.0	0.0	0.0
	25.00000	48.00000	0.00000	-9.6196	-0.50000	0.0	0.0	0.0
	26.00000	48.00000	0.00000	-9.5593	-0.50000	0.0	0.0	0.0
	27.00000	48.00000	0.00000	-9.4810	-0.50000	0.0	0.0	0.0
	28.00000	48.00000	0.00000	-9.3847	-0.50000	0.0	0.0	0.0
	29.00000	48.00000	0.00000	-9.2705	-0.50000	0.0	0.0	0.0
	30.00000	48.00000	0.00000	-9.1389	-0.50000	0.0	0.0	0.0
	31.00000	48.00000	0.00000	-8.9905	-0.50000	0.0	0.0	0.0
	32.00000	48.00000	0.00000	-8.8260	-0.50000	0.0	0.0	0.0
	33.00000	48.00000	0.00000	-8.6463	-0.50000	0.0	0.0	0.0
	34.00000	48.00000	0.00000	-8.4526	-0.50000	0.0	0.0	0.0
	35.00000	48.00000	0.00000	-8.2461	-0.50000	0.0	0.0	0.0
	36.00000	48.00000	0.00000	-8.0283	-0.50000	0.0	0.0	0.0
	37.00000	48.00000	0.00000	-7.8008	-0.50000	0.0	0.0	0.0
	38.00000	48.00000	0.00000	-7.5651	-0.50000	0.0	0.0	0.0
	39.00000	48.00000	0.00000	-7.3229	-0.50000	0.0	0.0	0.0
	40.00000	48.00000	0.00000	-7.0759	-0.50000	0.0	0.0	0.0
	41.00000	48.00000	0.00000	-6.8257	-0.50000	0.0	0.0	0.0

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	42.00000	48.00000	0.00000	-6.5739	-0.50000	0.0	0.0	0.0
	43.00000	48.00000	0.00000	-6.3219	-0.50000	0.0	0.0	0.0
	44.00000	48.00000	0.00000	-6.0711	-0.50000	0.0	0.0	0.0
	45.00000	48.00000	0.00000	-5.8228	-0.50000	0.0	0.0	0.0
	46.00000	48.00000	0.00000	-5.5779	-0.50000	0.0	0.0	0.0
	47.00000	48.00000	0.00000	-5.3374	-0.50000	0.0	0.0	0.0
	48.00000	48.00000	0.00000	-5.1021	-0.50000	0.0	0.0	0.0
	49.00000	48.00000	0.00000	-4.8726	-0.50000	0.0	0.0	0.0
	50.00000	48.00000	0.00000	-4.6494	-0.50000	0.0	0.0	0.0
	51.00000	48.00000	0.00000	-4.4329	-0.50000	0.0	0.0	0.0
	52.00000	48.00000	0.00000	-4.2234	-0.50000	0.0	0.0	0.0
	53.00000	48.00000	0.00000	-4.0212	-0.50000	0.0	0.0	0.0
	54.00000	48.00000	0.00000	-3.8262	-0.50000	0.0	0.0	0.0
	55.00000	48.00000	0.00000	-3.6386	-0.50000	0.0	0.0	0.0
	56.00000	48.00000	0.00000	-3.4584	-0.50000	0.0	0.0	0.0
	57.00000	48.00000	0.00000	-3.2854	-0.50000	0.0	0.0	0.0
	58.00000	48.00000	0.00000	-3.1197	-0.50000	0.0	0.0	0.0
	59.00000	48.00000	0.00000	-2.9610	-0.50000	0.0	0.0	0.0
	60.00000	48.00000	0.00000	-2.8093	-0.50000	0.0	0.0	0.0
	-20.00000	49.00000	0.00000	-2.6239	-0.50000	0.0	0.0	0.0
	-19.00000	49.00000	0.00000	-2.7596	-0.50000	0.0	0.0	0.0
	-18.00000	49.00000	0.00000	-2.9008	-0.50000	0.0	0.0	0.0
	-17.00000	49.00000	0.00000	-3.0475	-0.50000	0.0	0.0	0.0
	-16.00000	49.00000	0.00000	-3.1998	-0.50000	0.0	0.0	0.0
	-15.00000	49.00000	0.00000	-3.3577	-0.50000	0.0	0.0	0.0
	-14.00000	49.00000	0.00000	-3.5210	-0.50000	0.0	0.0	0.0
	-13.00000	49.00000	0.00000	-3.6898	-0.50000	0.0	0.0	0.0
	-12.00000	49.00000	0.00000	-3.8638	-0.50000	0.0	0.0	0.0
	-11.00000	49.00000	0.00000	-4.0429	-0.50000	0.0	0.0	0.0
	-10.00000	49.00000	0.00000	-4.2268	-0.50000	0.0	0.0	0.0
	-9.00000	49.00000	0.00000	-4.4151	-0.50000	0.0	0.0	0.0
	-8.00000	49.00000	0.00000	-4.6076	-0.50000	0.0	0.0	0.0
	-7.00000	49.00000	0.00000	-4.8038	-0.50000	0.0	0.0	0.0
	-6.00000	49.00000	0.00000	-5.0032	-0.50000	0.0	0.0	0.0
	-5.00000	49.00000	0.00000	-5.2051	-0.50000	0.0	0.0	0.0
	-4.00000	49.00000	0.00000	-5.4091	-0.50000	0.0	0.0	0.0
	-3.00000	49.00000	0.00000	-5.6143	-0.50000	0.0	0.0	0.0
	-2.00000	49.00000	0.00000	-5.8200	-0.50000	0.0	0.0	0.0
	-1.00000	49.00000	0.00000	-6.0256	-0.50000	0.0	0.0	0.0
	0.00000	49.00000	0.00000	-6.2301	-0.50000	0.0	0.0	0.0
	1.00000	49.00000	0.00000	-6.4327	-0.50000	0.0	0.0	0.0
	2.00000	49.00000	0.00000	-6.6326	-0.50000	0.0	0.0	0.0
	3.00000	49.00000	0.00000	-6.8290	-0.50000	0.0	0.0	0.0
	4.00000	49.00000	0.00000	-7.0210	-0.50000	0.0	0.0	0.0
	5.00000	49.00000	0.00000	-7.2079	-0.50000	0.0	0.0	0.0
	6.00000	49.00000	0.00000	-7.3888	-0.50000	0.0	0.0	0.0
	7.00000	49.00000	0.00000	-7.5632	-0.50000	0.0	0.0	0.0
	8.00000	49.00000	0.00000	-7.7302	-0.50000	0.0	0.0	0.0
	9.00000	49.00000	0.00000	-7.8892	-0.50000	0.0	0.0	0.0
	10.00000	49.00000	0.00000	-8.0396	-0.50000	0.0	0.0	0.0
	11.00000	49.00000	0.00000	-8.1809	-0.50000	0.0	0.0	0.0
	12.00000	49.00000	0.00000	-8.3124	-0.50000	0.0	0.0	0.0
	13.00000	49.00000	0.00000	-8.4337	-0.50000	0.0	0.0	0.0
	14.00000	49.00000	0.00000	-8.5443	-0.50000	0.0	0.0	0.0
	15.00000	49.00000	0.00000	-8.6435	-0.50000	0.0	0.0	0.0
	16.00000	49.00000	0.00000	-8.7310	-0.50000	0.0	0.0	0.0
	17.00000	49.00000	0.00000	-8.8063	-0.50000	0.0	0.0	0.0
	18.00000	49.00000	0.00000	-8.8687	-0.50000	0.0	0.0	0.0
	19.00000	49.00000	0.00000	-8.9178	-0.50000	0.0	0.0	0.0
	20.00000	49.00000	0.00000	-8.9532	-0.50000	0.0	0.0	0.0
	21.00000	49.00000	0.00000	-8.9742	-0.50000	0.0	0.0	0.0
	22.00000	49.00000	0.00000	-8.9805	-0.50000	0.0	0.0	0.0
	23.00000	49.00000	0.00000	-8.9716	-0.50000	0.0	0.0	0.0
	24.00000	49.00000	0.00000	-8.9472	-0.50000	0.0	0.0	0.0
	25.00000	49.00000	0.00000	-8.9070	-0.50000	0.0	0.0	0.0
	26.00000	49.00000	0.00000	-8.8507	-0.50000	0.0	0.0	0.0
	27.00000	49.00000	0.00000	-8.7784	-0.50000	0.0	0.0	0.0
	28.00000	49.00000	0.00000	-8.6901	-0.50000	0.0	0.0	0.0
	29.00000	49.00000	0.00000	-8.5860	-0.50000	0.0	0.0	0.0
	30.00000	49.00000	0.00000	-8.4665	-0.50000	0.0	0.0	0.0
	31.00000	49.00000	0.00000	-8.3320	-0.50000	0.0	0.0	0.0
	32.00000	49.00000	0.00000	-8.1834	-0.50000	0.0	0.0	0.0
	33.00000	49.00000	0.00000	-8.0213	-0.50000	0.0	0.0	0.0
	34.00000	49.00000	0.00000	-7.8468	-0.50000	0.0	0.0	0.0
	35.00000	49.00000	0.00000	-7.6610	-0.50000	0.0	0.0	0.0
	36.00000	49.00000	0.00000	-7.4652	-0.50000	0.0	0.0	0.0
	37.00000	49.00000	0.00000	-7.2605	-0.50000	0.0	0.0	0.0
	38.00000	49.00000	0.00000	-7.0484	-0.50000	0.0	0.0	0.0
	39.00000	49.00000	0.00000	-6.8304	-0.50000	0.0	0.0	0.0
	40.00000	49.00000	0.00000	-6.6078	-0.50000	0.0	0.0	0.0
	41.00000	49.00000	0.00000	-6.3820	-0.50000	0.0	0.0	0.0
	42.00000	49.00000	0.00000	-6.1544	-0.50000	0.0	0.0	0.0
	43.00000	49.00000	0.00000	-5.9263	-0.50000	0.0	0.0	0.0
	44.00000	49.00000	0.00000	-5.6987	-0.50000	0.0	0.0	0.0
	45.00000	49.00000	0.00000	-5.4729	-0.50000	0.0	0.0	0.0
	46.00000	49.00000	0.00000	-5.2497	-0.50000	0.0	0.0	0.0
	47.00000	49.00000	0.00000	-5.0300	-0.50000	0.0	0.0	0.0
	48.00000	49.00000	0.00000	-4.8145	-0.50000	0.0	0.0	0.0
	49.00000	49.00000	0.00000	-4.6039	-0.50000	0.0	0.0	0.0
	50.00000	49.00000	0.00000	-4.3985	-0.50000	0.0	0.0	0.0
	51.00000	49.00000	0.00000	-4.1989	-0.50000	0.0	0.0	0.0
	52.00000	49.00000	0.00000	-4.0052	-0.50000	0.0	0.0	0.0
	53.00000	49.00000	0.00000	-3.8178	-0.50000	0.0	0.0	0.0
	54.00000	49.00000	0.00000	-3.6368	-0.50000	0.0	0.0	0.0
	55.00000	49.00000	0.00000	-3.4622	-0.50000	0.0	0.0	0.0
	56.00000	49.00000	0.00000	-3.2941	-0.50000	0.0	0.0	0.0
	57.00000	49.00000	0.00000	-3.1325	-0.50000	0.0	0.0	0.0
	58.00000	49.00000	0.00000	-2.9774	-0.50000	0.0	0.0	0.0
	59.00000	49.00000	0.00000	-2.8286	-0.50000	0.0	0.0	0.0
	60.00000	49.00000	0.00000	-2.6861	-0.50000	0.0	0.0	0.0
	-20.00000	50.00000	0.00000	-2.5051	-0.50000	0.0	0.0	0.0
	-19.00000	50.00000	0.00000	-2.6324	-0.50000	0.0	0.0	0.0
	-18.00000	50.00000	0.00000	-2.7647	-0.50000	0.0	0.0	0.0
	-17.00000	50.00000	0.00000	-2.9020	-0.50000	0.0	0.0	0.0
	-16.00000	50.00000	0.00000	-3.0443	-0.50000	0.0	0.0	0.0
	-15.00000	50.00000	0.00000	-3.1915	-0.50000	0.0	0.0	0.0
	-14.00000	50.00000	0.00000	-3.3436	-0.50000	0.0	0.0	0.0
	-13.00000	50.00000	0.00000	-3.5004	-0.50000	0.0	0.0	0.0
	-12.00000	50.00000	0.00000	-3.6619	-0.50000	0.0	0.0	0.0
	-11.00000	50.00000	0.00000	-3.8278	-0.50000	0.0	0.0	0.0
	-10.00000	50.00000	0.00000	-3.9979	-0.50000	0.0	0.0	0.0
	-9.00000	50.00000	0.00000	-4.1718	-0.50000	0.0	0.0	0.0
	-8.00000	50.00000	0.00000	-4.3493	-0.50000	0.0	0.0	0.0
	-7.00000	50.00000	0.00000	-4.5299	-0.50000	0.0	0.0	0.0
	-6.00000	50.00000	0.00000	-4.7131	-0.50000	0.0	0.0	0.0
	-5.00000	50.00000	0.00000	-4.8985	-0.50000	0.0	0.0	0.0
	-4.00000	50.00000	0.00000	-5.0854	-0.50000	0.0	0.0	0.0
	-3.00000	50.00000	0.00000	-5.2733	-0.50000	0.0	0.0	0.0
	-2.00000	50.00000	0.00000	-5.4615	-0.50000	0.0	0.0	0.0
	-1.00000	50.00000	0.00000	-5.6494	-0.50000	0.0	0.0	0.0
	0.00000	50.00000	0.00000	-5.8361	-0.50000	0.0	0.0	0.0
	1.00000	50.00000	0.00000	-6.0209	-0.50000	0.0	0.0	0.0
	2.00000	50.00000	0.00000	-6.2032	-0.50000	0.0	0.0	0.0
	3.00000	50.00000	0.00000	-6.3822	-0.50000	0.0	0.0	0.0
	4.00000	50.00000	0.00000	-6.5572	-0.50000	0.0	0.0	0.0
	5.00000	50.00000	0.00000	-6.7273	-0.50000	0.0	0.0	0.0
	6.00000	50.00000	0.00000	-6.8921	-0.50000	0.0	0.0	0.0
	7.00000	50.00000	0.00000	-7.0507	-0.50000	0.0	0.0	0.0
	8.00000	50.00000	0.00000	-7.2026	-0.50000	0.0	0.0	0.0
	9.00000	50.00000	0.00000	-7.3472	-0.50000	0.0	0.0	0.0
	10.00000	50.00000	0.00000	-7.4839	-0.50000	0.0	0.0	0.0
	11.00000	50.00000	0.00000	-7.6121	-0.50000	0.0	0.0	0.0
	12.00000	50.00000	0.00000	-7.7314	-0.50000	0.0	0.0	0.0
	13.00000	50.00000	0.00000	-7.

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	21.00000	50.00000	0.00000	-8.3232	-0.50000	0.0	0.0	0.0
	22.00000	50.00000	0.00000	-8.3273	-0.50000	0.0	0.0	0.0
	23.00000	50.00000	0.00000	-8.3177	-0.50000	0.0	0.0	0.0
	24.00000	50.00000	0.00000	-8.2940	-0.50000	0.0	0.0	0.0
	25.00000	50.00000	0.00000	-8.2561	-0.50000	0.0	0.0	0.0
	26.00000	50.00000	0.00000	-8.2038	-0.50000	0.0	0.0	0.0
	27.00000	50.00000	0.00000	-8.1372	-0.50000	0.0	0.0	0.0
	28.00000	50.00000	0.00000	-8.0563	-0.50000	0.0	0.0	0.0
	29.00000	50.00000	0.00000	-7.9613	-0.50000	0.0	0.0	0.0
	30.00000	50.00000	0.00000	-7.8526	-0.50000	0.0	0.0	0.0
	31.00000	50.00000	0.00000	-7.7307	-0.50000	0.0	0.0	0.0
	32.00000	50.00000	0.00000	-7.5961	-0.50000	0.0	0.0	0.0
	33.00000	50.00000	0.00000	-7.4497	-0.50000	0.0	0.0	0.0
	34.00000	50.00000	0.00000	-7.2922	-0.50000	0.0	0.0	0.0
	35.00000	50.00000	0.00000	-7.1246	-0.50000	0.0	0.0	0.0
	36.00000	50.00000	0.00000	-6.9480	-0.50000	0.0	0.0	0.0
	37.00000	50.00000	0.00000	-6.7635	-0.50000	0.0	0.0	0.0
	38.00000	50.00000	0.00000	-6.5722	-0.50000	0.0	0.0	0.0
	39.00000	50.00000	0.00000	-6.3755	-0.50000	0.0	0.0	0.0
	40.00000	50.00000	0.00000	-6.1744	-0.50000	0.0	0.0	0.0
	41.00000	50.00000	0.00000	-5.9702	-0.50000	0.0	0.0	0.0
	42.00000	50.00000	0.00000	-5.7641	-0.50000	0.0	0.0	0.0
	43.00000	50.00000	0.00000	-5.5571	-0.50000	0.0	0.0	0.0
	44.00000	50.00000	0.00000	-5.3503	-0.50000	0.0	0.0	0.0
	45.00000	50.00000	0.00000	-5.1446	-0.50000	0.0	0.0	0.0
	46.00000	50.00000	0.00000	-4.9410	-0.50000	0.0	0.0	0.0
	47.00000	50.00000	0.00000	-4.7400	-0.50000	0.0	0.0	0.0
	48.00000	50.00000	0.00000	-4.5426	-0.50000	0.0	0.0	0.0
	49.00000	50.00000	0.00000	-4.3490	-0.50000	0.0	0.0	0.0
	50.00000	50.00000	0.00000	-4.1600	-0.50000	0.0	0.0	0.0
	51.00000	50.00000	0.00000	-3.9758	-0.50000	0.0	0.0	0.0
	52.00000	50.00000	0.00000	-3.7967	-0.50000	0.0	0.0	0.0
	53.00000	50.00000	0.00000	-3.6231	-0.50000	0.0	0.0	0.0
	54.00000	50.00000	0.00000	-3.4550	-0.50000	0.0	0.0	0.0
	55.00000	50.00000	0.00000	-3.2926	-0.50000	0.0	0.0	0.0
	56.00000	50.00000	0.00000	-3.1359	-0.50000	0.0	0.0	0.0
	57.00000	50.00000	0.00000	-2.9850	-0.50000	0.0	0.0	0.0
	58.00000	50.00000	0.00000	-2.8398	-0.50000	0.0	0.0	0.0
	59.00000	50.00000	0.00000	-2.7004	-0.50000	0.0	0.0	0.0
	60.00000	50.00000	0.00000	-2.5665	-0.50000	0.0	0.0	0.0
Grid 2	-20.00000	-20.00000	-8.50000	-2.4418	-8.9310	-26.234E-6	-0.23209	1.7837E-6
	-19.00000	-20.00000	-8.50000	-2.5659	-8.9310	-28.548E-6	-0.24321	1.8691E-6
	-18.00000	-20.00000	-8.50000	-2.6948	-8.9310	-31.081E-6	-0.25491	1.9589E-6
	-17.00000	-20.00000	-8.50000	-2.8287	-8.9310	-33.855E-6	-0.26721	2.0535E-6
	-16.00000	-20.00000	-8.50000	-2.9676	-8.9310	-36.889E-6	-0.28015	2.1528E-6
	-15.00000	-20.00000	-8.50000	-3.1114	-8.9310	-40.206E-6	-0.29373	2.2571E-6
	-14.00000	-20.00000	-8.50000	-3.2602	-8.9310	-43.827E-6	-0.30797	2.3665E-6
	-13.00000	-20.00000	-8.50000	-3.4137	-8.9310	-47.774E-6	-0.32290	2.4810E-6
	-12.00000	-20.00000	-8.50000	-3.5721	-8.9310	-52.069E-6	-0.33851	2.6009E-6
	-11.00000	-20.00000	-8.50000	-3.7349	-8.9310	-56.733E-6	-0.35481	2.7261E-6
	-10.00000	-20.00000	-8.50000	-3.9022	-8.9310	-61.782E-6	-0.37180	2.8565E-6
	-9.00000	-20.00000	-8.50000	-4.0735	-8.9310	-67.231E-6	-0.38947	2.9921E-6
	-8.00000	-20.00000	-8.50000	-4.2485	-8.9310	-73.090E-6	-0.40779	3.1328E-6
	-7.00000	-20.00000	-8.50000	-4.4269	-8.9310	-79.363E-6	-0.42675	3.2782E-6
	-6.00000	-20.00000	-8.50000	-4.6082	-8.9310	-86.047E-6	-0.44629	3.4282E-6
	-5.00000	-20.00000	-8.50000	-4.7919	-8.9310	-93.128E-6	-0.46636	3.5822E-6
	-4.00000	-20.00000	-8.50000	-4.9774	-8.9310	-100.58E-6	-0.48689	3.7398E-6
	-3.00000	-20.00000	-8.50000	-5.1640	-8.9310	-108.38E-6	-0.50781	3.9003E-6
	-2.00000	-20.00000	-8.50000	-5.3510	-8.9310	-116.48E-6	-0.52902	4.0630E-6
	-1.00000	-20.00000	-8.50000	-5.5377	-8.9310	-124.82E-6	-0.55041	4.2271E-6
	0.00000	-20.00000	-8.50000	-5.7232	-8.9310	-133.34E-6	-0.57187	4.3918E-6
	1.00000	-20.00000	-8.50000	-5.9066	-8.9310	-141.96E-6	-0.59327	4.5560E-6
	2.00000	-20.00000	-8.50000	-6.0872	-8.9310	-150.61E-6	-0.61447	4.7187E-6
	3.00000	-20.00000	-8.50000	-6.2639	-8.9310	-159.20E-6	-0.63536	4.8789E-6
	4.00000	-20.00000	-8.50000	-6.4359	-8.9310	-167.64E-6	-0.65577	5.0355E-6
	5.00000	-20.00000	-8.50000	-6.6023	-8.9310	-175.86E-6	-0.67559	5.1875E-6
	6.00000	-20.00000	-8.50000	-6.7621	-8.9310	-183.78E-6	-0.69468	5.3339E-6
	7.00000	-20.00000	-8.50000	-6.9146	-8.9310	-191.33E-6	-0.71291	5.4738E-6
	8.00000	-20.00000	-8.50000	-7.0590	-8.9310	-198.45E-6	-0.73018	5.6063E-6
	9.00000	-20.00000	-8.50000	-7.1944	-8.9310	-205.09E-6	-0.74638	5.7306E-6
	10.00000	-20.00000	-8.50000	-7.3203	-8.9310	-211.21E-6	-0.76142	5.8460E-6
	11.00000	-20.00000	-8.50000	-7.4359	-8.9310	-216.79E-6	-0.77522	5.9519E-6
	12.00000	-20.00000	-8.50000	-7.5407	-8.9310	-221.79E-6	-0.78771	6.0477E-6
	13.00000	-20.00000	-8.50000	-7.6343	-8.9310	-226.21E-6	-0.79884	6.1330E-6
	14.00000	-20.00000	-8.50000	-7.7160	-8.9310	-230.04E-6	-0.80855	6.2075E-6
	15.00000	-20.00000	-8.50000	-7.7857	-8.9310	-233.27E-6	-0.81681	6.2709E-6
	16.00000	-20.00000	-8.50000	-7.8429	-8.9310	-235.91E-6	-0.82359	6.3229E-6
	17.00000	-20.00000	-8.50000	-7.8875	-8.9310	-237.95E-6	-0.82886	6.3634E-6
	18.00000	-20.00000	-8.50000	-7.9192	-8.9310	-239.40E-6	-0.83261	6.3921E-6
	19.00000	-20.00000	-8.50000	-7.9378	-8.9310	-240.26E-6	-0.83482	6.4091E-6
	20.00000	-20.00000	-8.50000	-7.9434	-8.9310	-240.53E-6	-0.83550	6.4143E-6
	21.00000	-20.00000	-8.50000	-7.9359	-8.9310	-240.21E-6	-0.83464	6.4077E-6
	22.00000	-20.00000	-8.50000	-7.9153	-8.9310	-239.31E-6	-0.83224	6.3893E-6
	23.00000	-20.00000	-8.50000	-7.8816	-8.9310	-237.81E-6	-0.82830	6.3591E-6
	24.00000	-20.00000	-8.50000	-7.8352	-8.9310	-235.73E-6	-0.82285	6.3172E-6
	25.00000	-20.00000	-8.50000	-7.7761	-8.9310	-233.05E-6	-0.81589	6.2639E-6
	26.00000	-20.00000	-8.50000	-7.7045	-8.9310	-229.77E-6	-0.80746	6.1991E-6
	27.00000	-20.00000	-8.50000	-7.6210	-8.9310	-225.90E-6	-0.79757	6.1233E-6
	28.00000	-20.00000	-8.50000	-7.5257	-8.9310	-221.44E-6	-0.78628	6.0367E-6
	29.00000	-20.00000	-8.50000	-7.4191	-8.9310	-216.40E-6	-0.77363	5.9396E-6
	30.00000	-20.00000	-8.50000	-7.3019	-8.9310	-210.79E-6	-0.75967	5.8326E-6
	31.00000	-20.00000	-8.50000	-7.1744	-8.9310	-204.63E-6	-0.74449	5.7160E-6
	32.00000	-20.00000	-8.50000	-7.0375	-8.9310	-197.96E-6	-0.72815	5.5907E-6
	33.00000	-20.00000	-8.50000	-6.8917	-8.9310	-190.81E-6	-0.71075	5.4572E-6
	34.00000	-20.00000	-8.50000	-6.7379	-8.9310	-183.23E-6	-0.69239	5.3164E-6
	35.00000	-20.00000	-8.50000	-6.5768	-8.9310	-175.28E-6	-0.67319	5.1691E-6
	36.00000	-20.00000	-8.50000	-6.4093	-8.9310	-167.04E-6	-0.65327	5.0163E-6
	37.00000	-20.00000	-8.50000	-6.2363	-8.9310	-158.58E-6	-0.63276	4.8589E-6
	38.00000	-20.00000	-8.50000	-6.0586	-8.9310	-149.98E-6	-0.61180	4.6981E-6
	39.00000	-20.00000	-8.50000	-5.8773	-8.9310	-141.32E-6	-0.59052	4.5349E-6
	40.00000	-20.00000	-8.50000	-5.6931	-8.9310	-132.69E-6	-0.56906	4.3703E-6
	41.00000	-20.00000	-8.50000	-5.5070	-8.9310	-124.16E-6	-0.54756	4.2053E-6
	42.00000	-20.00000	-8.50000	-5.3198	-8.9310	-115.82E-6	-0.52613	4.0409E-6
	43.00000	-20.00000	-8.50000	-5.1324	-8.9310	-107.72E-6	-0.50490	3.8780E-6
	44.00000	-20.00000	-8.50000	-4.9455	-8.9310	-99.926E-6	-0.48397	3.7173E-6
	45.00000	-20.00000	-8.50000	-4.7599	-8.9310	-92.475E-6	-0.46343	3.5598E-6
	46.00000	-20.00000	-8.50000	-4.5761	-8.9310	-85.403E-6	-0.44337	3.4058E-6
	47.00000	-20.00000	-8.50000	-4.3948	-8.9310	-78.730E-6	-0.42385	3.2560E-6
	48.00000	-20.00000	-8.50000	-4.2165	-8.9310	-72.471E-6	-0.40492	3.1107E-6
	49.00000	-20.00000	-8.50000	-4.0417	-8.9310	-66.627E-6	-0.38663	2.9703E-6
	50.00000	-20.00000	-8.50000	-3.8707	-8.9310	-61.195E-6	-0.36900	2.8350E-6
	51.00000	-20.00000	-8.50000	-3.7038	-8.9310	-56.164E-6	-0.35206	2.7049E-6
	52.00000	-20.00000	-8.50000	-3.5413	-8.9310	-51.521E-6	-0.33581	2.5802E-6
	53.00000	-20.00000	-8.50000	-3.3835	-8.9310	-47.246E-6	-0.32026	2.4608E-6
	54.00000	-20.00000	-8.50000	-3.2305	-8.9310	-43.320E-6	-0.30540	2.3467E-6
	55.00000	-20.00000	-8.50000	-3.0823	-8.9310	-39.721E-6	-0.29123	2.2379E-6
	56.00000	-20.00000	-8.50000	-2.9391	-8.9310	-36.426E-6	-0.27772	2.1341E-6
	57.00000	-20.00000	-8.50000	-2.8009	-8.9310	-33.414E-6	-0.26486	2.0354E-6
	58.00000	-20.00000	-8.50000	-2.6678	-8.9310	-30.663E-6	-0.25263	1.9414E-6
	59.00000	-20.00000	-8.50000	-2.5396	-8.9310	-28.151E-6	-0.24101	1.8522E-6
	60.00000	-20.00000	-8.50000	-2.4163	-8.9310	-25.859E-6	-0.22996	1.7674E-6
	-20.00000	-19.00000	-8.50000	-2.5572	-8.9310	-28.406E-6	-0.24241	1.8632E-6
	-19.00000	-19.00000	-8.50000	-2.6892	-8.9310	-31.003E-6	-0.25444	1.9553E-6
	-18.00000	-19.00000	-8.50000	-2.8268	-8.9310	-33.860E-6	-0.26709	2.0525E-6
	-17.00000	-19.00000	-8.50000	-2.9698	-8.9310	-37.003E-6	-0.28043	2.1549E-6
	-16.00000	-19.00000	-8.50000	-3.1184	-8.9310	-40.457E-6	-0.29449	2.2629E-6
	-15.00000	-19.00000	-8.50000	-3.2725	-8.9310	-44.253E-6	-0.30930	2.3766E-6
	-14.00000	-19.00000	-8.50000	-3.4322	-8.9310	-48.418E-6	-0.32488	2.4962E-6
	-13.00000	-19.00000	-8.50000	-3.5974	-8.9310	-52.985E-6	-0.34125	2.6220E-6
	-12.00000	-19.00000	-8.50000	-3.7680	-8.9310	-57.982E-6	-0.35843	2.7539E-6
	-11.00000	-19.00000	-8.50000	-3.9438	-8.9310	-63.439E-6	-0.37644	2.8921E-6
	-10.00000	-19.00000	-8.50000	-4.1246	-8.9310	-69.383E-6	-0.39526	3.0366E-6
	-9.00000	-19.00000	-8.50000	-4.3102	-8.9310	-75.836E-6	-0.41491	3.1873E-6
	-8.00000	-19.00000	-8.50000	-4.5002	-8.9310	-82.817E-6	-0.43535	3.3442E-6
	-7.00000	-19.00000	-8.50000	-4.6941	-8.9310	-90.336E-6	-0.45656	3.5070E-6
	-6.00000	-19.00000	-8.50000	-4.8916	-8.9310	-98.393E-6	-0.47851	3.6754E-6
	-5.00000	-19.00000	-8.50000	-5.0921	-8.9310	-106.98E-6	-0.50112	3.8489E-6
	-4.00000	-19.00000	-8.50000	-5.2948	-8.9310	-116.07E-6	-0.52432	4.0270E-6
	-3.00000	-19.00000	-8.50000	-5.4991	-8.9310	-125.62E-6	-0.54803	4.2088E-6
	-2.00000	-19.00000	-8.50000	-5.7041	-8.9310	-135.58E-6	-0.57213	4.3937E-6
	-1.00000	-19.00000	-8.50000	-5.9091	-8.9310	-145.88E-6	-0.59650	4.5806E-6

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	0.00000	-19.00000	-8.50000	-6.1130	-8.9310	-156.43E-6	-0.62099	4.7685E-6
	1.00000	-19.00000	-8.50000	-6.3149	-8.9310	-167.13E-6	-0.64546	4.9562E-6
	2.00000	-19.00000	-8.50000	-6.5138	-8.9310	-177.88E-6	-0.66975	5.1425E-6
	3.00000	-19.00000	-8.50000	-6.7087	-8.9310	-188.57E-6	-0.69368	5.3261E-6
	4.00000	-19.00000	-8.50000	-6.8984	-8.9310	-199.08E-6	-0.71710	5.5057E-6
	5.00000	-19.00000	-8.50000	-7.0820	-8.9310	-209.30E-6	-0.73984	5.6801E-6
	6.00000	-19.00000	-8.50000	-7.2585	-8.9310	-219.13E-6	-0.76174	5.8481E-6
	7.00000	-19.00000	-8.50000	-7.4269	-8.9310	-228.49E-6	-0.78265	6.0085E-6
	8.00000	-19.00000	-8.50000	-7.5863	-8.9310	-237.29E-6	-0.80245	6.1603E-6
	9.00000	-19.00000	-8.50000	-7.7358	-8.9310	-245.48E-6	-0.82101	6.3026E-6
	10.00000	-19.00000	-8.50000	-7.8748	-8.9310	-253.00E-6	-0.83822	6.4347E-6
	11.00000	-19.00000	-8.50000	-8.0024	-8.9310	-259.83E-6	-0.85400	6.5557E-6
	12.00000	-19.00000	-8.50000	-8.1181	-8.9310	-265.94E-6	-0.86826	6.6651E-6
	13.00000	-19.00000	-8.50000	-8.2213	-8.9310	-271.31E-6	-0.88096	6.7625E-6
	14.00000	-19.00000	-8.50000	-8.3115	-8.9310	-275.96E-6	-0.89202	6.8474E-6
	15.00000	-19.00000	-8.50000	-8.3884	-8.9310	-279.87E-6	-0.90143	6.9195E-6
	16.00000	-19.00000	-8.50000	-8.4515	-8.9310	-283.05E-6	-0.90914	6.9787E-6
	17.00000	-19.00000	-8.50000	-8.5006	-8.9310	-285.51E-6	-0.91514	7.0247E-6
	18.00000	-19.00000	-8.50000	-8.5355	-8.9310	-287.25E-6	-0.91940	7.0574E-6
	19.00000	-19.00000	-8.50000	-8.5561	-8.9310	-288.29E-6	-0.92192	7.0767E-6
	20.00000	-19.00000	-8.50000	-8.5622	-8.9310	-288.61E-6	-0.92269	7.0827E-6
	21.00000	-19.00000	-8.50000	-8.5539	-8.9310	-288.24E-6	-0.92171	7.0751E-6
	22.00000	-19.00000	-8.50000	-8.5312	-8.9310	-287.15E-6	-0.91899	7.0542E-6
	23.00000	-19.00000	-8.50000	-8.4942	-8.9310	-285.35E-6	-0.91452	7.0199E-6
	24.00000	-19.00000	-8.50000	-8.4430	-8.9310	-282.84E-6	-0.90832	6.9724E-6
	25.00000	-19.00000	-8.50000	-8.3778	-8.9310	-279.61E-6	-0.90041	6.9117E-6
	26.00000	-19.00000	-8.50000	-8.2990	-8.9310	-275.65E-6	-0.89081	6.8380E-6
	27.00000	-19.00000	-8.50000	-8.2068	-8.9310	-270.96E-6	-0.87955	6.7517E-6
	28.00000	-19.00000	-8.50000	-8.1017	-8.9310	-265.53E-6	-0.86667	6.6529E-6
	29.00000	-19.00000	-8.50000	-7.9841	-8.9310	-259.38E-6	-0.85222	6.5420E-6
	30.00000	-19.00000	-8.50000	-7.8547	-8.9310	-252.51E-6	-0.83627	6.4197E-6
	31.00000	-19.00000	-8.50000	-7.7140	-8.9310	-244.94E-6	-0.81889	6.2864E-6
	32.00000	-19.00000	-8.50000	-7.5628	-8.9310	-236.72E-6	-0.80018	6.1429E-6
	33.00000	-19.00000	-8.50000	-7.4019	-8.9310	-227.88E-6	-0.78024	5.9899E-6
	34.00000	-19.00000	-8.50000	-7.2321	-8.9310	-218.49E-6	-0.75919	5.8285E-6
	35.00000	-19.00000	-8.50000	-7.0542	-8.9310	-208.63E-6	-0.73716	5.6595E-6
	36.00000	-19.00000	-8.50000	-6.8694	-8.9310	-198.38E-6	-0.71431	5.4843E-6
	37.00000	-19.00000	-8.50000	-6.6785	-8.9310	-187.85E-6	-0.69079	5.3039E-6
	38.00000	-19.00000	-8.50000	-6.4827	-8.9310	-177.15E-6	-0.66677	5.1196E-6
	39.00000	-19.00000	-8.50000	-6.2829	-8.9310	-166.38E-6	-0.64241	4.9328E-6
	40.00000	-19.00000	-8.50000	-6.0803	-8.9310	-155.67E-6	-0.61787	4.7446E-6
	41.00000	-19.00000	-8.50000	-5.8757	-8.9310	-145.11E-6	-0.59333	4.5563E-6
	42.00000	-19.00000	-8.50000	-5.6702	-8.9310	-134.81E-6	-0.56893	4.3691E-6
	43.00000	-19.00000	-8.50000	-5.4647	-8.9310	-124.85E-6	-0.54480	4.1840E-6
	44.00000	-19.00000	-8.50000	-5.2602	-8.9310	-115.30E-6	-0.52108	4.0021E-6
	45.00000	-19.00000	-8.50000	-5.0573	-8.9310	-106.22E-6	-0.49788	3.8240E-6
	46.00000	-19.00000	-8.50000	-4.8568	-8.9310	-97.649E-6	-0.47528	3.6506E-6
	47.00000	-19.00000	-8.50000	-4.6593	-8.9310	-89.606E-6	-0.45336	3.4824E-6
	48.00000	-19.00000	-8.50000	-4.4655	-8.9310	-82.104E-6	-0.43218	3.3199E-6
	49.00000	-19.00000	-8.50000	-4.2758	-8.9310	-75.142E-6	-0.41178	3.1633E-6
	50.00000	-19.00000	-8.50000	-4.0905	-8.9310	-68.709E-6	-0.39218	3.0129E-6
	51.00000	-19.00000	-8.50000	-3.9101	-8.9310	-62.788E-6	-0.37342	2.8689E-6
	52.00000	-19.00000	-8.50000	-3.7348	-8.9310	-57.355E-6	-0.35548	2.7312E-6
	53.00000	-19.00000	-8.50000	-3.5648	-8.9310	-52.383E-6	-0.33837	2.5998E-6
	54.00000	-19.00000	-8.50000	-3.4002	-8.9310	-47.842E-6	-0.32207	2.4747E-6
	55.00000	-19.00000	-8.50000	-3.2412	-8.9310	-43.702E-6	-0.30657	2.3556E-6
	56.00000	-19.00000	-8.50000	-3.0878	-8.9310	-39.933E-6	-0.29184	2.2426E-6
	57.00000	-19.00000	-8.50000	-2.9400	-8.9310	-36.505E-6	-0.27787	2.1352E-6
	58.00000	-19.00000	-8.50000	-2.7978	-8.9310	-33.389E-6	-0.26461	2.0335E-6
	59.00000	-19.00000	-8.50000	-2.6611	-8.9310	-30.557E-6	-0.25205	1.9370E-6
	60.00000	-19.00000	-8.50000	-2.5298	-8.9310	-27.985E-6	-0.24015	1.8456E-6
	-20.00000	-18.00000	-8.50000	-2.6763	-8.9310	-30.763E-6	-0.25328	1.9464E-6
	-19.00000	-18.00000	-8.50000	-2.8169	-8.9310	-33.679E-6	-0.26621	2.0457E-6
	-18.00000	-18.00000	-8.50000	-2.9635	-8.9310	-36.903E-6	-0.27989	2.1508E-6
	-17.00000	-18.00000	-8.50000	-3.1162	-8.9310	-40.466E-6	-0.29436	2.2619E-6
	-16.00000	-18.00000	-8.50000	-3.2752	-8.9310	-44.404E-6	-0.30965	2.3793E-6
	-15.00000	-18.00000	-8.50000	-3.4404	-8.9310	-48.753E-6	-0.32581	2.5034E-6
	-14.00000	-18.00000	-8.50000	-3.6118	-8.9310	-53.554E-6	-0.34287	2.6343E-6
	-13.00000	-18.00000	-8.50000	-3.7894	-8.9310	-58.848E-6	-0.36085	2.7724E-6
	-12.00000	-18.00000	-8.50000	-3.9732	-8.9310	-64.678E-6	-0.37979	2.9178E-6
	-11.00000	-18.00000	-8.50000	-4.1630	-8.9310	-71.083E-6	-0.39970	3.0706E-6
	-10.00000	-18.00000	-8.50000	-4.3586	-8.9310	-78.106E-6	-0.42060	3.2310E-6
	-9.00000	-18.00000	-8.50000	-4.5598	-8.9310	-85.781E-6	-0.44248	3.3989E-6
	-8.00000	-18.00000	-8.50000	-4.7661	-8.9310	-94.140E-6	-0.46534	3.5744E-6
	-7.00000	-18.00000	-8.50000	-4.9772	-8.9310	-103.20E-6	-0.48915	3.7571E-6
	-6.00000	-18.00000	-8.50000	-5.1925	-8.9310	-112.98E-6	-0.51387	3.9467E-6
	-5.00000	-18.00000	-8.50000	-5.4114	-8.9310	-123.46E-6	-0.53943	4.1428E-6
	-4.00000	-18.00000	-8.50000	-5.6332	-8.9310	-134.62E-6	-0.56576	4.3447E-6
	-3.00000	-18.00000	-8.50000	-5.8572	-8.9310	-146.41E-6	-0.59274	4.5517E-6
	-2.00000	-18.00000	-8.50000	-6.0823	-8.9310	-158.77E-6	-0.62024	4.7627E-6
	-1.00000	-18.00000	-8.50000	-6.3077	-8.9310	-171.61E-6	-0.64813	4.9765E-6
	0.00000	-18.00000	-8.50000	-6.5323	-8.9310	-184.80E-6	-0.67622	5.1920E-6
	1.00000	-18.00000	-8.50000	-6.7548	-8.9310	-198.23E-6	-0.70434	5.4076E-6
	2.00000	-18.00000	-8.50000	-6.9743	-8.9310	-211.73E-6	-0.73229	5.6219E-6
	3.00000	-18.00000	-8.50000	-7.1895	-8.9310	-225.17E-6	-0.75986	5.8333E-6
	4.00000	-18.00000	-8.50000	-7.3991	-8.9310	-238.37E-6	-0.78685	6.0403E-6
	5.00000	-18.00000	-8.50000	-7.6021	-8.9310	-251.20E-6	-0.81307	6.2413E-6
	6.00000	-18.00000	-8.50000	-7.7973	-8.9310	-263.53E-6	-0.83831	6.4349E-6
	7.00000	-18.00000	-8.50000	-7.9835	-8.9310	-275.22E-6	-0.86240	6.6196E-6
	8.00000	-18.00000	-8.50000	-8.1598	-8.9310	-286.19E-6	-0.88519	6.7943E-6
	9.00000	-18.00000	-8.50000	-8.3252	-8.9310	-296.35E-6	-0.90653	6.9580E-6
	10.00000	-18.00000	-8.50000	-8.4788	-8.9310	-305.66E-6	-0.92629	7.1096E-6
	11.00000	-18.00000	-8.50000	-8.6199	-8.9310	-314.07E-6	-0.94439	7.2483E-6
	12.00000	-18.00000	-8.50000	-8.7477	-8.9310	-321.57E-6	-0.96073	7.3737E-6
	13.00000	-18.00000	-8.50000	-8.8616	-8.9310	-328.14E-6	-0.97525	7.4850E-6
	14.00000	-18.00000	-8.50000	-8.9612	-8.9310	-333.80E-6	-0.98790	7.5820E-6
	15.00000	-18.00000	-8.50000	-9.0460	-8.9310	-338.54E-6	-0.99863	7.6644E-6
	16.00000	-18.00000	-8.50000	-9.1157	-8.9310	-342.39E-6	-1.0074	7.7318E-6
	17.00000	-18.00000	-8.50000	-9.1698	-8.9310	-345.37E-6	-1.0143	7.7842E-6
	18.00000	-18.00000	-8.50000	-9.2084	-8.9310	-347.47E-6	-1.0191	7.8214E-6
	19.00000	-18.00000	-8.50000	-9.2311	-8.9310	-348.71E-6	-1.0220	7.8434E-6
	20.00000	-18.00000	-8.50000	-9.2379	-8.9310	-349.11E-6	-1.0229	7.8502E-6
	21.00000	-18.00000	-8.50000	-9.2287	-8.9310	-348.65E-6	-1.0217	7.8416E-6
	22.00000	-18.00000	-8.50000	-9.2037	-8.9310	-347.35E-6	-1.0186

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	60.00000	-18.00000	-8.50000	-2.6471	-8.9310	-30.290E-6	-0.25078	1.9273E-6
	-20.00000	-17.00000	-8.50000	-2.7992	-8.9310	-33.317E-6	-0.26458	2.0332E-6
	-19.00000	-17.00000	-8.50000	-2.9487	-8.9310	-36.593E-6	-0.27853	2.1403E-6
	-18.00000	-17.00000	-8.50000	-3.1050	-8.9310	-40.232E-6	-0.29333	2.2540E-6
	-17.00000	-17.00000	-8.50000	-3.2680	-8.9310	-44.275E-6	-0.30902	2.3745E-6
	-16.00000	-17.00000	-8.50000	-3.4380	-8.9310	-48.767E-6	-0.32567	2.5023E-6
	-15.00000	-17.00000	-8.50000	-3.6150	-8.9310	-53.758E-6	-0.34331	2.6378E-6
	-14.00000	-17.00000	-8.50000	-3.7990	-8.9310	-59.301E-6	-0.36200	2.7812E-6
	-13.00000	-17.00000	-8.50000	-3.9901	-8.9310	-65.451E-6	-0.38177	2.9330E-6
	-12.00000	-17.00000	-8.50000	-4.1881	-8.9310	-72.268E-6	-0.40267	3.0934E-6
	-11.00000	-17.00000	-8.50000	-4.3930	-8.9310	-79.811E-6	-0.42473	3.2627E-6
	-10.00000	-17.00000	-8.50000	-4.6047	-8.9310	-88.140E-6	-0.44797	3.4410E-6
	-9.00000	-17.00000	-8.50000	-4.8228	-8.9310	-97.308E-6	-0.47240	3.6285E-6
	-8.00000	-17.00000	-8.50000	-5.0470	-8.9310	-107.37E-6	-0.49803	3.8252E-6
	-7.00000	-17.00000	-8.50000	-5.2768	-8.9310	-118.35E-6	-0.52483	4.0308E-6
	-6.00000	-17.00000	-8.50000	-5.5118	-8.9310	-130.29E-6	-0.55277	4.2451E-6
	-5.00000	-17.00000	-8.50000	-5.7512	-8.9310	-143.18E-6	-0.58178	4.4675E-6
	-4.00000	-17.00000	-8.50000	-5.9942	-8.9310	-157.00E-6	-0.61176	4.6975E-6
	-3.00000	-17.00000	-8.50000	-6.2401	-8.9310	-171.70E-6	-0.64259	4.9340E-6
	-2.00000	-17.00000	-8.50000	-6.4877	-8.9310	-187.19E-6	-0.67414	5.1758E-6
	-1.00000	-17.00000	-8.50000	-6.7359	-8.9310	-203.35E-6	-0.70621	5.4217E-6
	0.00000	-17.00000	-8.50000	-6.9836	-8.9310	-220.04E-6	-0.73860	5.6701E-6
	1.00000	-17.00000	-8.50000	-7.2294	-8.9310	-237.06E-6	-0.77109	5.9191E-6
	2.00000	-17.00000	-8.50000	-7.4721	-8.9310	-254.22E-6	-0.80343	6.1671E-6
	3.00000	-17.00000	-8.50000	-7.7101	-8.9310	-271.30E-6	-0.83537	6.4119E-6
	4.00000	-17.00000	-8.50000	-7.9423	-8.9310	-288.08E-6	-0.86665	6.6517E-6
	5.00000	-17.00000	-8.50000	-8.1671	-8.9310	-304.36E-6	-0.89703	6.8846E-6
	6.00000	-17.00000	-8.50000	-8.3833	-8.9310	-319.96E-6	-0.92627	7.1088E-6
	7.00000	-17.00000	-8.50000	-8.5896	-8.9310	-334.72E-6	-0.95416	7.3226E-6
	8.00000	-17.00000	-8.50000	-8.7849	-8.9310	-348.50E-6	-0.98051	7.5245E-6
	9.00000	-17.00000	-8.50000	-8.9680	-8.9310	-361.22E-6	-1.0051	7.7134E-6
	10.00000	-17.00000	-8.50000	-9.1381	-8.9310	-372.81E-6	-1.0279	7.8881E-6
	11.00000	-17.00000	-8.50000	-9.2942	-8.9310	-383.24E-6	-1.0488	8.0478E-6
	12.00000	-17.00000	-8.50000	-9.4355	-8.9310	-392.48E-6	-1.0675	8.1917E-6
	13.00000	-17.00000	-8.50000	-9.5615	-8.9310	-400.56E-6	-1.0842	8.3194E-6
	14.00000	-17.00000	-8.50000	-9.6715	-8.9310	-407.47E-6	-1.0987	8.4305E-6
	15.00000	-17.00000	-8.50000	-9.7652	-8.9310	-413.25E-6	-1.1109	8.5246E-6
	16.00000	-17.00000	-8.50000	-9.8420	-8.9310	-417.93E-6	-1.1210	8.6016E-6
	17.00000	-17.00000	-8.50000	-9.9018	-8.9310	-421.53E-6	-1.1288	8.6614E-6
	18.00000	-17.00000	-8.50000	-9.9443	-8.9310	-424.07E-6	-1.1343	8.7039E-6
	19.00000	-17.00000	-8.50000	-9.9694	-8.9310	-425.57E-6	-1.1376	8.7290E-6
	20.00000	-17.00000	-8.50000	-9.9769	-8.9310	-426.04E-6	-1.1386	8.7367E-6
	21.00000	-17.00000	-8.50000	-9.9668	-8.9310	-425.50E-6	-1.1373	8.7270E-6
	22.00000	-17.00000	-8.50000	-9.9393	-8.9310	-423.92E-6	-1.1338	8.6999E-6
	23.00000	-17.00000	-8.50000	-9.8942	-8.9310	-421.31E-6	-1.1280	8.6555E-6
	24.00000	-17.00000	-8.50000	-9.8320	-8.9310	-417.65E-6	-1.1200	8.5938E-6
	25.00000	-17.00000	-8.50000	-9.7526	-8.9310	-412.90E-6	-1.1097	8.5148E-6
	26.00000	-17.00000	-8.50000	-9.6566	-8.9310	-407.05E-6	-1.0971	8.4188E-6
	27.00000	-17.00000	-8.50000	-9.5442	-8.9310	-400.07E-6	-1.0824	8.3059E-6
	28.00000	-17.00000	-8.50000	-9.4159	-8.9310	-391.93E-6	-1.0655	8.1764E-6
	29.00000	-17.00000	-8.50000	-9.2723	-8.9310	-382.63E-6	-1.0465	8.0307E-6
	30.00000	-17.00000	-8.50000	-9.1141	-8.9310	-372.14E-6	-1.0255	7.8694E-6
	31.00000	-17.00000	-8.50000	-8.9420	-8.9310	-360.49E-6	-1.0025	7.6931E-6
	32.00000	-17.00000	-8.50000	-8.7569	-8.9310	-347.72E-6	-0.97767	7.5027E-6
	33.00000	-17.00000	-8.50000	-8.5598	-8.9310	-333.89E-6	-0.95114	7.2993E-6
	34.00000	-17.00000	-8.50000	-8.3518	-8.9310	-319.09E-6	-0.92308	7.0842E-6
	35.00000	-17.00000	-8.50000	-8.1340	-8.9310	-303.45E-6	-0.89368	6.8589E-6
	36.00000	-17.00000	-8.50000	-7.9077	-8.9310	-287.13E-6	-0.86316	6.6249E-6
	37.00000	-17.00000	-8.50000	-7.6742	-8.9310	-270.31E-6	-0.83176	6.3842E-6
	38.00000	-17.00000	-8.50000	-7.4350	-8.9310	-253.21E-6	-0.79971	6.1385E-6
	39.00000	-17.00000	-8.50000	-7.1913	-8.9310	-236.04E-6	-0.76728	5.8899E-6
	40.00000	-17.00000	-8.50000	-6.9446	-8.9310	-219.00E-6	-0.73472	5.6402E-6
	41.00000	-17.00000	-8.50000	-6.6962	-8.9310	-202.31E-6	-0.70227	5.3915E-6
	42.00000	-17.00000	-8.50000	-6.4474	-8.9310	-186.14E-6	-0.67016	5.1453E-6
	43.00000	-17.00000	-8.50000	-6.1993	-8.9310	-170.66E-6	-0.63859	4.9032E-6
	44.00000	-17.00000	-8.50000	-5.9532	-8.9310	-155.97E-6	-0.60775	4.6667E-6
	45.00000	-17.00000	-8.50000	-5.7100	-8.9310	-142.16E-6	-0.57778	4.4368E-6
	46.00000	-17.00000	-8.50000	-5.4706	-8.9310	-129.29E-6	-0.54880	4.2146E-6
	47.00000	-17.00000	-8.50000	-5.2358	-8.9310	-117.37E-6	-0.52090	4.0006E-6
	48.00000	-17.00000	-8.50000	-5.0062	-8.9310	-106.41E-6	-0.49415	3.7953E-6
	49.00000	-17.00000	-8.50000	-4.7824	-8.9310	-96.385E-6	-0.46858	3.5992E-6
	50.00000	-17.00000	-8.50000	-4.5648	-8.9310	-87.248E-6	-0.44422	3.4122E-6
	51.00000	-17.00000	-8.50000	-4.3537	-8.9310	-78.953E-6	-0.42106	3.2345E-6
	52.00000	-17.00000	-8.50000	-4.1494	-8.9310	-71.445E-6	-0.39909	3.0659E-6
	53.00000	-17.00000	-8.50000	-3.9521	-8.9310	-64.665E-6	-0.37829	2.9063E-6
	54.00000	-17.00000	-8.50000	-3.7619	-8.9310	-58.551E-6	-0.35862	2.7553E-6
	55.00000	-17.00000	-8.50000	-3.5787	-8.9310	-53.046E-6	-0.34004	2.6127E-6
	56.00000	-17.00000	-8.50000	-3.4027	-8.9310	-48.093E-6	-0.32251	2.4781E-6
	57.00000	-17.00000	-8.50000	-3.2337	-8.9310	-43.638E-6	-0.30598	2.3511E-6
	58.00000	-17.00000	-8.50000	-3.0717	-8.9310	-39.631E-6	-0.29040	2.2315E-6
	59.00000	-17.00000	-8.50000	-2.9164	-8.9310	-36.028E-6	-0.27571	2.1187E-6
	60.00000	-17.00000	-8.50000	-2.7679	-8.9310	-32.787E-6	-0.26188	2.0125E-6
	-20.00000	-16.00000	-8.50000	-2.9257	-8.9310	-36.082E-6	-0.27638	2.1238E-6
	-19.00000	-16.00000	-8.50000	-3.0848	-8.9310	-39.762E-6	-0.29142	2.2393E-6
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	-17.00000	-16.00000	-8.50000	-3.4252	-8.9310	-48.460E-6	-0.32446	2.4930E-6
	-16.00000	-16.00000	-8.50000	-3.6069	-8.9310	-53.589E-6	-0.34258	2.6322E-6
	-15.00000	-16.00000	-8.50000	-3.7964	-8.9310	-59.322E-6	-0.36186	2.7801E-6
	-14.00000	-16.00000	-8.50000	-3.9939	-8.9310	-65.730E-6	-0.38234	2.9374E-6
	-13.00000	-16.00000	-8.50000	-4.1994	-8.9310	-72.889E-6	-0.40410	3.1044E-6
	-12.00000	-16.00000	-8.50000	-4.4128	-8.9310	-80.881E-6	-0.42719	3.2816E-6
	-11.00000	-16.00000	-8.50000	-4.6341	-8.9310	-89.791E-6	-0.45167	3.4694E-6
	-10.00000	-16.00000	-8.50000	-4.8632	-8.9310	-99.704E-6	-0.47756	3.6681E-6
	-9.00000	-16.00000	-8.50000	-5.0998	-8.9310	-110.71E-6	-0.50490	3.8779E-6
	-8.00000	-16.00000	-8.50000	-5.3435	-8.9310	-122.87E-6	-0.53371	4.0988E-6
	-7.00000	-16.00000	-8.50000	-5.5940	-8.9310	-136.27E-6	-0.56397	4.3309E-6
	-6.00000	-16.00000	-8.50000	-5.8506	-8.9310	-150.95E-6	-0.59565	4.5739E-6
	-5.00000	-16.00000	-8.50000	-6.1127	-8.9310	-166.94E-6	-0.62869	4.8273E-6
	-4.00000	-16.00000	-8.50000	-6.3794	-8.9310	-184.21E-6	-0.66299	5.0902E-6
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	-2.00000	-16.00000	-8.50000	-6.9224	-8.9310	-222.33E-6	-0.73477	5.6405E-6
	-1.00000	-16.00000	-8.50000	-7.1963	-8.9310	-242.93E-6	-0.77186	5.9248E-6
	0.00000	-16.00000	-8.50000	-7.4701	-8.9310	-264.28E-6	-0.80944	6.2128E-6
	1.00000	-16.00000	-8.50000	-7.7422	-8.9310	-286.14E-6	-0.84720	6.5022E-6
	2.00000	-16.00000	-8.50000	-8.0110	-8.9310	-308.22E-6	-0.88486	6.7908E-6
	3.00000	-16.00000	-8.50000	-8.2750	-8.9310	-330.21E-6	-0.92209	7.0761E-6
	4.00000	-16.00000	-8.50000	-8.5325	-8.9310	-351.81E-6	-0.95856	7.3556E-6
	5.00000	-16.00000	-8.50000	-8.7821	-8.9310	-372.72E-6	-0.99398	7.6270E-6
	6.00000	-16.00000	-8.50000	-9.0220	-8.9310	-392.69E-6	-1.0280	7.8881E-6
	7.00000	-16.00000	-8.50000	-9.2510	-8.9310	-411.51E-6	-1.0605	8.1368E-6
	8.00000	-16.00000	-8.50000	-9.4677	-8.9310	-429.00E-6	-1.0911	8.3713E-6
	9.00000	-16.00000	-8.50000	-9.6708	-8.9310	-445.05E-6	-1.1197	8.5903E-6
	10.00000	-16.00000	-8.50000	-9.8593	-8.9310	-459.60E-6	-1.1460	8.7924E-6
	11.00000	-16.00000	-8.50000	-10.032	-8.9310	-472.60E-6	-1.1701	8.9768E-6
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	13.00000	-16.00000	-8.50000	-10.328	-8.9310	-494.03E-6	-1.2109	9.2895E-6
	14.00000	-16.00000	-8.50000	-10.450	-8.9310	-502.52E-6	-1.2275	9.4169E-6
	15.00000	-16.00000	-8.50000	-10.553	-8.9310	-509.58E-6	-1.2416	9.5247E-6
	16.00000	-16.00000	-8.50000	-10.638	-8.9310	-515.27E-6	-1.2531	9.6128E-6
	17.00000	-16.00000	-8.50000	-10.704	-8.9310	-519.63E-6	-1.2620	9.6811E-6
	18.00000	-16.00000	-8.50000	-10.751	-8.9310	-522.71E-6	-1.2683	9.7296E-6
	19.00000	-16.00000	-8.50000	-10.779	-8.9310	-524.52E-6	-1.2720	9.7582E-6
	20.00000	-16.00000	-8.50000	-10.787	-8.9310	-525.10E-6	-1.2732	9.7670E-6
	21.00000	-16.00000	-8.50000	-10.776	-8.9310	-524.44E-6	-1.2717	9.7560E-6
	22.00000	-16.00000	-8.50000	-10.746	-8.9310	-522.54E-6	-1.2677	9.7252E-6
	23.00000	-16.00000	-8.50000	-10.696	-8.9310	-519.39E-6	-1.2611	9.6745E-6
	24.00000	-16.00000	-8.50000	-10.627	-8.9310	-514.94E-6	-1.2519	9.6040E-6
	25.00000	-16.00000	-8.50000	-10.540	-8.9310	-509.17E-6	-1.2401	9.5138E-6
	26.00000	-16.00000	-8.50000	-10.433	-8.9310	-502.03E-6	-1.2258	9.4038E-6
	27.00000	-16.00000	-8.50000	-10.309	-8.9310	-493.46E-6	-1.2089	9.2743E-6
	28.00000	-16.00000	-8.50000	-10.167	-8.9310	-483.43E-6	-1.1895	9.1255E-6
	29.00000	-16.00000	-8.50000	-10.008	-8.9310	-471.88E-6	-1.1676	8.9577E-6
	30.00000	-16.00000	-8.50000	-9.8331	-8.9310	-458.81E-6	-1.1433	8.7714E-6
	31.00000	-16.00000	-8.50000	-9.6423	-8.9310	-444.20E-6	-1.1167	8.5675E-6
	32.00000	-16.00000	-8.50000	-9.4371	-8.9310	-428.08E-6	-1.0879	8.3469E-6
	33.00000	-16.00000	-8.50000	-9.2184	-8.9310	-410.53E-6	-1.0571	8.1107E-6
	34.00000	-16.00000	-8.50000	-8.9875	-8.9310	-391.66E-6	-1.0245	7.8606E-6
	35.00000	-16.00000	-8.50000	-8.7458	-8.9310	-371.65E-6	-0.99022	7.5982E-6
	36.00000	-16.00000	-8.50000	-8.4947	-8.9310	-350.69E-6	-0.95465	7.3256E-6
	37.00000	-16.00000	-8.50000	-8.2357	-8.9310	-329.06E-6	-0.91803	7.0450E-6
	38.00000	-16.00000	-8.50000	-7.9704	-8.9310	-307.04E-6	-0.88069	6.7588E-6

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	39.00000	-16.00000	-8.50000	-7.7005	-8.9310	-284.94E-6	-0.84293	6.4694E-6
	40.00000	-16.00000	-8.50000	-7.4275	-8.9310	-263.06E-6	-0.80509	6.1794E-6
	41.00000	-16.00000	-8.50000	-7.1530	-8.9310	-241.70E-6	-0.76746	5.8910E-6
	42.00000	-16.00000	-8.50000	-6.8784	-8.9310	-221.11E-6	-0.73032	5.6063E-6
	43.00000	-16.00000	-8.50000	-6.6052	-8.9310	-201.49E-6	-0.69394	5.3274E-6
	44.00000	-16.00000	-8.50000	-6.3347	-8.9310	-183.00E-6	-0.65852	5.0559E-6
	45.00000	-16.00000	-8.50000	-6.0679	-8.9310	-165.75E-6	-0.62424	4.7931E-6
	46.00000	-16.00000	-8.50000	-5.8059	-8.9310	-149.79E-6	-0.59123	4.5400E-6
	47.00000	-16.00000	-8.50000	-5.5494	-8.9310	-135.14E-6	-0.55960	4.2974E-6
	48.00000	-16.00000	-8.50000	-5.2993	-8.9310	-121.77E-6	-0.52940	4.0657E-6
	49.00000	-16.00000	-8.50000	-5.0560	-8.9310	-109.64E-6	-0.50067	3.8453E-6
	50.00000	-16.00000	-8.50000	-4.8199	-8.9310	-98.673E-6	-0.47341	3.6362E-6
	51.00000	-16.00000	-8.50000	-4.5915	-8.9310	-88.801E-6	-0.44762	3.4383E-6
	52.00000	-16.00000	-8.50000	-4.3710	-8.9310	-79.935E-6	-0.42325	3.2513E-6
	53.00000	-16.00000	-8.50000	-4.1584	-8.9310	-71.987E-6	-0.40028	3.0750E-6
	54.00000	-16.00000	-8.50000	-3.9539	-8.9310	-64.873E-6	-0.37864	2.9089E-6
	55.00000	-16.00000	-8.50000	-3.7574	-8.9310	-58.510E-6	-0.35827	2.7526E-6
	56.00000	-16.00000	-8.50000	-3.5689	-8.9310	-52.822E-6	-0.33913	2.6056E-6
	57.00000	-16.00000	-8.50000	-3.3883	-8.9310	-47.737E-6	-0.32114	2.4675E-6
	58.00000	-16.00000	-8.50000	-3.2155	-8.9310	-43.191E-6	-0.30423	2.3377E-6
	59.00000	-16.00000	-8.50000	-3.0502	-8.9310	-39.125E-6	-0.28836	2.2158E-6
	60.00000	-16.00000	-8.50000	-2.8923	-8.9310	-35.485E-6	-0.27345	2.1013E-6
	-20.00000	-15.00000	-8.50000	-3.0559	-8.9310	-39.070E-6	-0.28866	2.2182E-6
	-19.00000	-15.00000	-8.50000	-3.2249	-8.9310	-43.204E-6	-0.30488	2.3427E-6
	-18.00000	-15.00000	-8.50000	-3.4021	-8.9310	-47.842E-6	-0.32220	2.4757E-6
	-17.00000	-15.00000	-8.50000	-3.5876	-8.9310	-53.053E-6	-0.34069	2.6176E-6
	-16.00000	-15.00000	-8.50000	-3.7818	-8.9310	-58.912E-6	-0.36042	2.7691E-6
	-15.00000	-15.00000	-8.50000	-3.9847	-8.9310	-65.503E-6	-0.38148	2.9308E-6
	-14.00000	-15.00000	-8.50000	-4.1966	-8.9310	-72.921E-6	-0.40396	3.1033E-6
	-13.00000	-15.00000	-8.50000	-4.4175	-8.9310	-81.269E-6	-0.42793	3.2872E-6
	-12.00000	-15.00000	-8.50000	-4.6474	-8.9310	-90.660E-6	-0.45347	3.4832E-6
	-11.00000	-15.00000	-8.50000	-4.8865	-8.9310	-101.21E-6	-0.48066	3.6919E-6
	-10.00000	-15.00000	-8.50000	-5.1345	-8.9310	-113.06E-6	-0.50956	3.9136E-6
	-9.00000	-15.00000	-8.50000	-5.3912	-8.9310	-126.32E-6	-0.54023	4.1488E-6
	-8.00000	-15.00000	-8.50000	-5.6564	-8.9310	-141.12E-6	-0.57269	4.3978E-6
	-7.00000	-15.00000	-8.50000	-5.9296	-8.9310	-157.57E-6	-0.60697	4.6606E-6
	-6.00000	-15.00000	-8.50000	-6.2102	-8.9310	-175.76E-6	-0.64303	4.9371E-6
	-5.00000	-15.00000	-8.50000	-6.4975	-8.9310	-195.75E-6	-0.68082	5.2269E-6
	-4.00000	-15.00000	-8.50000	-6.7905	-8.9310	-217.54E-6	-0.72025	5.5290E-6
	-3.00000	-15.00000	-8.50000	-7.0881	-8.9310	-241.08E-6	-0.76114	5.8424E-6
	-2.00000	-15.00000	-8.50000	-7.3891	-8.9310	-266.25E-6	-0.80331	6.1655E-6
	-1.00000	-15.00000	-8.50000	-7.6920	-8.9310	-292.83E-6	-0.84648	6.4963E-6
	0.00000	-15.00000	-8.50000	-7.9952	-8.9310	-320.54E-6	-0.89035	6.8324E-6
	1.00000	-15.00000	-8.50000	-8.2970	-8.9310	-349.02E-6	-0.93455	7.1711E-6
	2.00000	-15.00000	-8.50000	-8.5956	-8.9310	-377.85E-6	-0.97871	7.5093E-6
	3.00000	-15.00000	-8.50000	-8.8890	-8.9310	-406.58E-6	-1.0224	7.8440E-6
	4.00000	-15.00000	-8.50000	-9.1754	-8.9310	-434.77E-6	-1.0652	8.1721E-6
	5.00000	-15.00000	-8.50000	-9.4530	-8.9310	-462.00E-6	-1.1068	8.4905E-6
	6.00000	-15.00000	-8.50000	-9.7200	-8.9310	-487.89E-6	-1.1467	8.7964E-6
	7.00000	-15.00000	-8.50000	-9.9746	-8.9310	-512.16E-6	-1.1847	9.0873E-6
	8.00000	-15.00000	-8.50000	-10.215	-8.9310	-534.59E-6	-1.2204	9.3612E-6
	9.00000	-15.00000	-8.50000	-10.441	-8.9310	-555.04E-6	-1.2537	9.6162E-6
	10.00000	-15.00000	-8.50000	-10.650	-8.9310	-573.44E-6	-1.2844	9.8510E-6
	11.00000	-15.00000	-8.50000	-10.842	-8.9310	-589.77E-6	-1.3122	10.065E-6
	12.00000	-15.00000	-8.50000	-11.016	-8.9310	-604.08E-6	-1.3372	10.256E-6
	13.00000	-15.00000	-8.50000	-11.170	-8.9310	-616.42E-6	-1.3593	10.425E-6
	14.00000	-15.00000	-8.50000	-11.305	-8.9310	-626.88E-6	-1.3785	10.572E-6
	15.00000	-15.00000	-8.50000	-11.419	-8.9310	-635.53E-6	-1.3946	10.696E-6
	16.00000	-15.00000	-8.50000	-11.513	-8.9310	-642.48E-6	-1.4078	10.797E-6
	17.00000	-15.00000	-8.50000	-11.586	-8.9310	-647.78E-6	-1.4180	10.875E-6
	18.00000	-15.00000	-8.50000	-11.638	-8.9310	-651.50E-6	-1.4252	10.930E-6
	19.00000	-15.00000	-8.50000	-11.668	-8.9310	-653.70E-6	-1.4294	10.963E-6
	20.00000	-15.00000	-8.50000	-11.677	-8.9310	-654.40E-6	-1.4308	10.973E-6
	21.00000	-15.00000	-8.50000	-11.665	-8.9310	-653.60E-6	-1.4291	10.961E-6
	22.00000	-15.00000	-8.50000	-11.631	-8.9310	-651.31E-6	-1.4245	10.925E-6
	23.00000	-15.00000	-8.50000	-11.577	-8.9310	-647.49E-6	-1.4170	10.867E-6
	24.00000	-15.00000	-8.50000	-11.501	-8.9310	-642.09E-6	-1.4065	10.787E-6
	25.00000	-15.00000	-8.50000	-11.404	-8.9310	-635.05E-6	-1.3930	10.684E-6
	26.00000	-15.00000	-8.50000	-11.287	-8.9310	-626.30E-6	-1.3765	10.557E-6
	27.00000	-15.00000	-8.50000	-11.149	-8.9310	-615.75E-6	-1.3571	10.408E-6
	28.00000	-15.00000	-8.50000	-10.992	-8.9310	-603.32E-6	-1.3347	10.237E-6
	29.00000	-15.00000	-8.50000	-10.816	-8.9310	-588.93E-6	-1.3094	10.043E-6
	30.00000	-15.00000	-8.50000	-10.622	-8.9310	-572.51E-6	-1.2813	9.8274E-6
	31.00000	-15.00000	-8.50000	-10.410	-8.9310	-554.03E-6	-1.2504	9.5906E-6
	32.00000	-15.00000	-8.50000	-10.182	-8.9310	-533.51E-6	-1.2169	9.3337E-6
	33.00000	-15.00000	-8.50000	-9.9389	-8.9310	-511.01E-6	-1.1809	9.0580E-6
	34.00000	-15.00000	-8.50000	-9.6822	-8.9310	-486.68E-6	-1.1427	8.7654E-6
	35.00000	-15.00000	-8.50000	-9.4133	-8.9310	-460.72E-6	-1.1026	8.4580E-6
	36.00000	-15.00000	-8.50000	-9.1340	-8.9310	-433.45E-6	-1.0608	8.1383E-6
	37.00000	-15.00000	-8.50000	-8.8460	-8.9310	-405.22E-6	-1.0178	7.8091E-6
	38.00000	-15.00000	-8.50000	-8.5512	-8.9310	-376.45E-6	-0.97402	7.4733E-6
	39.00000	-15.00000	-8.50000	-8.2515	-8.9310	-347.60E-6	-0.92976	7.1343E-6
	40.00000	-15.00000	-8.50000	-7.9486	-8.9310	-319.10E-6	-0.88546	6.7949E-6
	41.00000	-15.00000	-8.50000	-7.6446	-8.9310	-291.38E-6	-0.84153	6.4584E-6
	42.00000	-15.00000	-8.50000	-7.3411	-8.9310	-264.80E-6	-0.79832	6.1273E-6
	43.00000	-15.00000	-8.50000	-7.0396	-8.9310	-239.64E-6	-0.75614	5.8040E-6
	44.00000	-15.00000	-8.50000	-6.7417	-8.9310	-216.12E-6	-0.71524	5.4906E-6
	45.00000	-15.00000	-8.50000	-6.4487	-8.9310	-194.35E-6	-0.67585	5.1886E-6
	46.00000	-15.00000	-8.50000	-6.1615	-8.9310	-174.39E-6	-0.63810	4.8993E-6
	47.00000	-15.00000	-8.50000	-5.8811	-8.9310	-156.24E-6	-0.60210	4.6232E-6
	48.00000	-15.00000	-8.50000	-5.6084	-8.9310	-139.83E-6	-0.56790	4.3610E-6
	49.00000	-15.00000	-8.50000	-5.3437	-8.9310	-125.07E-6	-0.53553	4.1127E-6
	50.00000	-15.00000	-8.50000	-5.0876	-8.9310	-111.86E-6	-0.50497	3.8783E-6
	51.00000	-15.00000	-8.50000	-4.8404	-8.9310	-100.07E-6	-0.47618	3.6575E-6
	52.00000	-15.00000	-8.50000	-4.6023	-8.9310	-89.569E-6	-0.44912	3.4498E-6
	53.00000	-15.00000	-8.50000	-4.3733	-8.9310	-80.232E-6	-0.42371	3.2549E-6
	54.00000	-15.00000	-8.50000	-4.1534	-8.9310	-71.939E-6	-0.39988	3.0720E-6
	55.00000	-15.00000	-8.50000	-3.9427	-8.9310	-64.575E-6	-0.37755	2.9006E-6
	56.00000	-15.00000	-8.50000	-3.7410	-8.9310	-58.038E-6	-0.35664	2.7400E-6
	57.00000	-15.00000	-8.50000	-3.5480	-8.9310	-52.232E-6	-0.33705	2.5897E

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	18.00000	-14.00000	-8.50000	-12.614	-8.9310	-822.32E-6	-1.6104	12.347E-6
	19.00000	-14.00000	-8.50000	-12.648	-8.9310	-824.98E-6	-1.6153	12.384E-6
	20.00000	-14.00000	-8.50000	-12.658	-8.9310	-825.82E-6	-1.6168	12.396E-6
	21.00000	-14.00000	-8.50000	-12.644	-8.9310	-824.86E-6	-1.6149	12.382E-6
	22.00000	-14.00000	-8.50000	-12.607	-8.9310	-822.09E-6	-1.6097	12.341E-6
	23.00000	-14.00000	-8.50000	-12.547	-8.9310	-817.46E-6	-1.6011	12.275E-6
	24.00000	-14.00000	-8.50000	-12.463	-8.9310	-810.89E-6	-1.5890	12.183E-6
	25.00000	-14.00000	-8.50000	-12.356	-8.9310	-802.30E-6	-1.5736	12.064E-6
	26.00000	-14.00000	-8.50000	-12.226	-8.9310	-791.55E-6	-1.5546	11.919E-6
	27.00000	-14.00000	-8.50000	-12.074	-8.9310	-778.52E-6	-1.5323	11.748E-6
	28.00000	-14.00000	-8.50000	-11.900	-8.9310	-763.04E-6	-1.5064	11.550E-6
	29.00000	-14.00000	-8.50000	-11.705	-8.9310	-744.99E-6	-1.4771	11.325E-6
	30.00000	-14.00000	-8.50000	-11.489	-8.9310	-724.22E-6	-1.4444	11.074E-6
	31.00000	-14.00000	-8.50000	-11.254	-8.9310	-700.66E-6	-1.4083	10.798E-6
	32.00000	-14.00000	-8.50000	-11.000	-8.9310	-674.26E-6	-1.3690	10.498E-6
	33.00000	-14.00000	-8.50000	-10.729	-8.9310	-645.08E-6	-1.3268	10.174E-6
	34.00000	-14.00000	-8.50000	-10.443	-8.9310	-613.28E-6	-1.2818	9.8296E-6
	35.00000	-14.00000	-8.50000	-10.144	-8.9310	-579.15E-6	-1.2345	9.4670E-6
	36.00000	-14.00000	-8.50000	-9.8321	-8.9310	-543.10E-6	-1.1851	9.0892E-6
	37.00000	-14.00000	-8.50000	-9.5110	-8.9310	-505.65E-6	-1.1343	8.6999E-6
	38.00000	-14.00000	-8.50000	-9.1825	-8.9310	-467.44E-6	-1.0824	8.3029E-6
	39.00000	-14.00000	-8.50000	-8.8487	-8.9310	-429.13E-6	-1.0301	7.9024E-6
	40.00000	-14.00000	-8.50000	-8.5120	-8.9310	-391.40E-6	-0.97788	7.5023E-6
	41.00000	-14.00000	-8.50000	-8.1744	-8.9310	-354.86E-6	-0.92621	7.1067E-6
	42.00000	-14.00000	-8.50000	-7.8380	-8.9310	-320.05E-6	-0.87557	6.7188E-6
	43.00000	-14.00000	-8.50000	-7.5047	-8.9310	-287.35E-6	-0.82634	6.3418E-6
	44.00000	-14.00000	-8.50000	-7.1761	-8.9310	-257.05E-6	-0.77886	5.9780E-6
	45.00000	-14.00000	-8.50000	-6.8537	-8.9310	-229.29E-6	-0.73335	5.6292E-6
	46.00000	-14.00000	-8.50000	-6.5386	-8.9310	-204.10E-6	-0.68998	5.2969E-6
	47.00000	-14.00000	-8.50000	-6.2318	-8.9310	-181.42E-6	-0.64884	4.9816E-6
	48.00000	-14.00000	-8.50000	-5.9341	-8.9310	-161.14E-6	-0.60999	4.6837E-6
	49.00000	-14.00000	-8.50000	-5.6460	-8.9310	-143.10E-6	-0.57342	4.4033E-6
	50.00000	-14.00000	-8.50000	-5.3681	-8.9310	-127.11E-6	-0.53908	4.1399E-6
	51.00000	-14.00000	-8.50000	-5.1005	-8.9310	-112.97E-6	-0.50690	3.8931E-6
	52.00000	-14.00000	-8.50000	-4.8433	-8.9310	-100.50E-6	-0.47680	3.6622E-6
	53.00000	-14.00000	-8.50000	-4.5967	-8.9310	-89.511E-6	-0.44868	3.4464E-6
	54.00000	-14.00000	-8.50000	-4.3604	-8.9310	-79.829E-6	-0.42242	3.2449E-6
	55.00000	-14.00000	-8.50000	-4.1345	-8.9310	-71.300E-6	-0.39792	3.0569E-6
	56.00000	-14.00000	-8.50000	-3.9187	-8.9310	-63.782E-6	-0.37506	2.8815E-6
	57.00000	-14.00000	-8.50000	-3.7127	-8.9310	-57.151E-6	-0.35374	2.7178E-6
	58.00000	-14.00000	-8.50000	-3.5163	-8.9310	-51.295E-6	-0.33386	2.5652E-6
	59.00000	-14.00000	-8.50000	-3.3293	-8.9310	-46.118E-6	-0.31530	2.4227E-6
	60.00000	-14.00000	-8.50000	-3.1512	-8.9310	-41.535E-6	-0.29798	2.2897E-6
	-20.00000	-13.00000	-8.50000	-3.3262	-8.9310	-45.761E-6	-0.31471	2.4181E-6
	-19.00000	-13.00000	-8.50000	-3.5167	-8.9310	-50.966E-6	-0.33355	2.5628E-6
	-18.00000	-13.00000	-8.50000	-3.7171	-8.9310	-56.873E-6	-0.35380	2.7183E-6
	-17.00000	-13.00000	-8.50000	-3.9278	-8.9310	-63.589E-6	-0.37557	2.8854E-6
	-16.00000	-13.00000	-8.50000	-4.1491	-8.9310	-71.238E-6	-0.39897	3.0650E-6
	-15.00000	-13.00000	-8.50000	-4.3814	-8.9310	-79.963E-6	-0.42415	3.2582E-6
	-14.00000	-13.00000	-8.50000	-4.6250	-8.9310	-89.929E-6	-0.45124	3.4661E-6
	-13.00000	-13.00000	-8.50000	-4.8801	-8.9310	-101.32E-6	-0.48038	3.6897E-6
	-12.00000	-13.00000	-8.50000	-5.1471	-8.9310	-114.37E-6	-0.51173	3.9302E-6
	-11.00000	-13.00000	-8.50000	-5.4259	-8.9310	-129.29E-6	-0.54543	4.1886E-6
	-10.00000	-13.00000	-8.50000	-5.7167	-8.9310	-146.37E-6	-0.58162	4.4662E-6
	-9.00000	-13.00000	-8.50000	-6.0195	-8.9310	-165.88E-6	-0.62045	4.7639E-6
	-8.00000	-13.00000	-8.50000	-6.3339	-8.9310	-188.14E-6	-0.66202	5.0826E-6
	-7.00000	-13.00000	-8.50000	-6.6596	-8.9310	-213.43E-6	-0.70642	5.4229E-6
	-6.00000	-13.00000	-8.50000	-6.9961	-8.9310	-242.05E-6	-0.75370	5.7852E-6
	-5.00000	-13.00000	-8.50000	-7.3426	-8.9310	-274.21E-6	-0.80384	6.1693E-6
	-4.00000	-13.00000	-8.50000	-7.6980	-8.9310	-310.07E-6	-0.85676	6.5746E-6
	-3.00000	-13.00000	-8.50000	-8.0610	-8.9310	-349.66E-6	-0.91228	6.9998E-6
	-2.00000	-13.00000	-8.50000	-8.4299	-8.9310	-392.81E-6	-0.97013	7.4427E-6
	-1.00000	-13.00000	-8.50000	-8.8029	-8.9310	-439.19E-6	-1.0299	7.9003E-6
	0.00000	-13.00000	-8.50000	-9.1778	-8.9310	-488.22E-6	-1.0911	8.3689E-6
	1.00000	-13.00000	-8.50000	-9.5522	-8.9310	-539.11E-6	-1.1532	8.8440E-6
	2.00000	-13.00000	-8.50000	-9.9235	-8.9310	-590.93E-6	-1.2155	9.3204E-6
	3.00000	-13.00000	-8.50000	-10.289	-8.9310	-642.63E-6	-1.2772	9.7928E-6
	4.00000	-13.00000	-8.50000	-10.646	-8.9310	-693.18E-6	-1.3377	10.256E-6
	5.00000	-13.00000	-8.50000	-10.993	-8.9310	-741.62E-6	-1.3963	10.704E-6
	6.00000	-13.00000	-8.50000	-11.325	-8.9310	-787.16E-6	-1.4524	11.133E-6
	7.00000	-13.00000	-8.50000	-11.642	-8.9310	-829.23E-6	-1.5054	11.539E-6
	8.00000	-13.00000	-8.50000	-11.942	-8.9310	-867.45E-6	-1.5551	11.919E-6
	9.00000	-13.00000	-8.50000	-12.222	-8.9310	-901.68E-6	-1.6009	12.270E-6
	10.00000	-13.00000	-8.50000	-12.481	-8.9310	-931.90E-6	-1.6429	12.592E-6
	11.00000	-13.00000	-8.50000	-12.717	-8.9310	-958.24E-6	-1.6807	12.881E-6
	12.00000	-13.00000	-8.50000	-12.931	-8.9310	-980.89E-6	-1.7145	13.140E-6
	13.00000	-13.00000	-8.50000	-13.121	-8.9310	-0.0010001	-1.7440	13.366E-6
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	16.00000	-13.00000	-8.50000	-13.541	-8.9310	-0.0010396	-1.8082	13.858E-6
	17.00000	-13.00000	-8.50000	-13.630	-8.9310	-0.0010475	-1.8216	13.961E-6
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	21.00000	-13.00000	-8.50000	-13.726	-8.9310	-0.0010561	-1.8362	14.073E-6
	22.00000	-13.00000	-8.50000	-13.685	-8.9310	-0.0010527	-1.8303	14.027E-6
	23.00000	-13.00000	-8.50000	-13.619	-8.9310	-0.0010471	-1.8204	13.951E-6
	24.00000	-13.00000	-8.50000	-13.526	-8.9310	-0.0010391	-1.8066	13.846E-6
	25.00000	-13.00000	-8.50000	-13.408	-8.9310	-0.0010286	-1.7888	13.710E-6
	26.00000	-13.00000	-8.50000	-13.264	-8.9310	-0.0010153	-1.7671	13.543E-6
	27.00000	-13.00000	-8.50000	-13.096	-8.9310	-999.18E-6	-1.7412	13.345E-6
	28.00000	-13.00000	-8.50000	-12.903	-8.9310	-979.84E-6	-1.7113	13.115E-6
	29.00000	-13.00000	-8.50000	-12.686	-8.9310	-957.06E-6	-1.6772	12.854E-6
	30.00000	-13.00000	-8.50000	-12.446	-8.9310	-930.60E-6	-1.6390	12.562E-6
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	32.00000	-13.00000	-8.50000	-11.901	-8.9310	-865.93E-6	-1.5505	11.884E-6
	33.00000	-13.00000	-8.50000	-11.599	-8.9310	-827.61E-6	-1.5006	11.502E-6
	34.00000	-13.00000	-8.50000	-11.280	-8.9310	-785.45E-6	-1.4473	11.094E-6
	35.00000	-13.00000	-8.50000	-10.945	-8.9310	-739.82E-6	-1.3909	10.663E-6
	36.00000	-13.00000	-8.50000	-10.597	-8.9310	-691.32E-6	-1.3321	10.213E-6
	37.00000	-13.00000	-8.50000	-10.237	-8.9310	-640.71E-6	-1.2714	9.7483E-6
	38.00000	-13.00000	-8.50000	-9.8702	-8.9310	-588.96E-6	-1.2095	9.2746E-6
	39.00000	-13.00000	-8.50000	-9.4975	-8.9310	-537.11E-6	-1.1471	8.7972E-6
	40.00000	-13.00000	-8.50000	-9.1219	-8.9310	-486.20E-6	-1.0849	8.3213E-6
	41.00000	-13.00000	-8.50000	-8.7461	-8.9310	-437.16E-6	-1.0236	7.8522E-6
	42.00000	-13.00000	-8.50000	-8.3724	-8.9310	-390.79E-6	-0.96382	7.3943E-6
	43.00000	-13.00000	-8.50000	-8.0031	-8.9310	-347.65E-6	-0.90597	6.9513E-6
	44.00000	-13.00000	-8.50000	-7.6399	-8.9310	-308.10E-6	-0.85046	6.5263E-6
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	48.00000	-13.00000	-8.50000	-6.2770	-8.9310	-186.37E-6	-0.65606	5.0368E-6
	49.00000	-13.00000	-8.50000	-5.9634	-8.9310	-164.19E-6	-0.61462	4.7192E-6
	50.00000	-13.00000	-8.50000	-5.6616	-8.9310	-144.75E-6	-0.57595	4.4227E-6
	51.00000	-13.00000	-8.50000	-5.3718	-8.9310	-127.75E-6	-0.53992	4.1464E-6
	52.00000	-13.00000	-8.50000	-5.0942	-8.9310	-112.90E-6	-0.50640	3.8893E-6
	53.00000	-13.00000	-8.50000	-4.8286	-8.9310	-99.944E-6	-0.47524	3.6502E-6
	54.00000	-13.00000	-8.50000	-4.5748	-8.9310	-88.629E-6	-0.44629	3.4281E-6
	55.00000	-13.00000	-8.50000	-4.3327	-8.9310	-78.742E-6	-0.41940	3.2218E-6
	56.00000	-13.00000	-8.50000	-4.1019	-8.9310	-70.096E-6	-0.39442	3.0301E-6
	57.00000	-13.00000	-8.50000	-3.8821	-8.9310	-62.523E-6	-0.37122	2.8520E-6
	58.00000	-13.00000	-8.50000	-3.6730	-8.9310	-55.880E-6	-0.34967	2.6864E-6
	59.00000	-13.00000	-8.50000	-3.4742	-8.9310	-50.043E-6	-0.32960	2.5325E-6
	60.00000	-13.00000	-8.50000	-3.2854	-8.9310	-44.905E-6	-0.31095	2.3893E-6
	-20.00000	-12.00000	-8.50000	-3.4660	-8.9310	-49.482E-6	-0.32845	2.5237E-6
	-19.00000	-12.00000	-8.50000	-3.6680	-8.9310	-55.316E-6	-0.34875	2.6795E-6
	-18.00000	-12.00000	-8.50000	-3.8809	-8.9310	-61.974E-6	-0.37063	2.8475E-6
	-17.00000	-12.00000	-8.50000	-4.1051	-8.9310	-69.592E-6	-0.39424	3.0287E-6
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	-15.00000	-12.00000	-8.50000	-4.5895	-8.9310	-88.365E-6	-0.44725	3.4355E-6
	-14.00000	-12.00000	-8.50000	-4.8505	-8.9310	-99.924E-6	-0.47700	3.6637E-6
	-13.00000	-12.00000	-8.50000	-5.1246	-8.9310	-113.26E-6	-0.50916	3.9104E-6
	-12.00000	-12.00000	-8.50000	-5.4120	-8.9310	-128.66E-6	-0.54392	4.1771E-6
	-11.00000	-12.00000	-8.50000	-5.7132	-8.9310	-146.46E-6	-0.58150	4.4653E-6
	-10.00000	-12.00000	-8.50000	-6.0281	-8.9310	-167.07E-6	-0.62210	4.7766E-6
	-9.00000	-12.00000	-8.50000	-6.3570	-8.9310	-190.89E-6	-0.66592	5.1125E-6
	-8.00000	-12.00000	-8.50000	-6.6996	-8.9310	-218.39E-6	-0.71315	5.4744E-6
	-7.00000	-12.00000	-8.50000	-7.0557	-8.9310	-250.08E-6	-0.76395	5.8636E-6
	-6.00000	-12.00000	-8.50000	-7.4248	-8.9310	-286.42E-6	-0.81842	6.2809E-6
	-5.00000	-12.00000	-8.50000	-7.8061	-8.9310	-327.86E-6	-0.87662	6.7265E-6
	-4.00000	-12.00000	-8.50000	-8.1986	-8.9310	-374.72E-6	-0.93848	7.2001E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-3.00000	-12.00000	-8.50000	-8.6007	-8.9310	-427.16E-6	-1.0038	7.7004E-6
	-2.00000	-12.00000	-8.50000	-9.0106	-8.9310	-485.08E-6	-1.0724	8.2250E-6
	-1.00000	-12.00000	-8.50000	-9.4262	-8.9310	-548.03E-6	-1.1437	8.7702E-6
	0.00000	-12.00000	-8.50000	-9.8450	-8.9310	-615.21E-6	-1.2171	9.3314E-6
	1.00000	-12.00000	-8.50000	-10.264	-8.9310	-685.42E-6	-1.2917	9.9023E-6
	2.00000	-12.00000	-8.50000	-10.680	-8.9310	-757.17E-6	-1.3668	10.476E-6
	3.00000	-12.00000	-8.50000	-11.090	-8.9310	-828.79E-6	-1.4413	11.046E-6
	4.00000	-12.00000	-8.50000	-11.491	-8.9310	-898.62E-6	-1.5143	11.604E-6
	5.00000	-12.00000	-8.50000	-11.880	-8.9310	-965.15E-6	-1.5848	12.144E-6
	6.00000	-12.00000	-8.50000	-12.253	-8.9310	-0.0010272	-1.6521	12.658E-6
	7.00000	-12.00000	-8.50000	-12.608	-8.9310	-0.0010839	-1.7156	13.144E-6
	8.00000	-12.00000	-8.50000	-12.943	-8.9310	-0.0011348	-1.7746	13.596E-6
	9.00000	-12.00000	-8.50000	-13.255	-8.9310	-0.0011799	-1.8290	14.011E-6
	10.00000	-12.00000	-8.50000	-13.544	-8.9310	-0.0012192	-1.8784	14.389E-6
	11.00000	-12.00000	-8.50000	-13.808	-8.9310	-0.0012530	-1.9228	14.729E-6
	12.00000	-12.00000	-8.50000	-14.045	-8.9310	-0.0012818	-1.9621	15.030E-6
	13.00000	-12.00000	-8.50000	-14.256	-8.9310	-0.0013059	-1.9964	15.293E-6
	14.00000	-12.00000	-8.50000	-14.439	-8.9310	-0.0013258	-2.0259	15.519E-6
	15.00000	-12.00000	-8.50000	-14.594	-8.9310	-0.0013420	-2.0505	15.708E-6
	16.00000	-12.00000	-8.50000	-14.720	-8.9310	-0.0013547	-2.0705	15.861E-6
	17.00000	-12.00000	-8.50000	-14.819	-8.9310	-0.0013643	-2.0858	15.978E-6
	18.00000	-12.00000	-8.50000	-14.888	-8.9310	-0.0013709	-2.0967	16.061E-6
	19.00000	-12.00000	-8.50000	-14.929	-8.9310	-0.0013748	-2.1030	16.110E-6
	20.00000	-12.00000	-8.50000	-14.942	-8.9310	-0.0013761	-2.1050	16.125E-6
	21.00000	-12.00000	-8.50000	-14.926	-8.9310	-0.0013747	-2.1026	16.107E-6
	22.00000	-12.00000	-8.50000	-14.880	-8.9310	-0.0013706	-2.0957	16.054E-6
	23.00000	-12.00000	-8.50000	-14.807	-8.9310	-0.0013638	-2.0845	15.968E-6
	24.00000	-12.00000	-8.50000	-14.705	-8.9310	-0.0013541	-2.0687	15.846E-6
	25.00000	-12.00000	-8.50000	-14.574	-8.9310	-0.0013412	-2.0483	15.690E-6
	26.00000	-12.00000	-8.50000	-14.415	-8.9310	-0.0013249	-2.0232	15.498E-6
	27.00000	-12.00000	-8.50000	-14.228	-8.9310	-0.0013048	-1.9933	15.269E-6
	28.00000	-12.00000	-8.50000	-14.014	-8.9310	-0.0012805	-1.9585	15.003E-6
	29.00000	-12.00000	-8.50000	-13.773	-8.9310	-0.0012516	-1.9187	14.698E-6
	30.00000	-12.00000	-8.50000	-13.506	-8.9310	-0.0012176	-1.8740	14.356E-6
	31.00000	-12.00000	-8.50000	-13.214	-8.9310	-0.0011782	-1.8242	13.974E-6
	32.00000	-12.00000	-8.50000	-12.899	-8.9310	-0.0011330	-1.7695	13.556E-6
	33.00000	-12.00000	-8.50000	-12.561	-8.9310	-0.0010820	-1.7101	13.102E-6
	34.00000	-12.00000	-8.50000	-12.203	-8.9310	-0.0010251	-1.6463	12.614E-6
	35.00000	-12.00000	-8.50000	-11.827	-8.9310	-963.00E-6	-1.5787	12.097E-6
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	37.00000	-12.00000	-8.50000	-11.034	-8.9310	-826.49E-6	-1.4347	10.996E-6
	38.00000	-12.00000	-8.50000	-10.622	-8.9310	-754.82E-6	-1.3600	10.425E-6
	39.00000	-12.00000	-8.50000	-10.204	-8.9310	-683.03E-6	-1.2848	9.8494E-6
	40.00000	-12.00000	-8.50000	-9.7837	-8.9310	-612.79E-6	-1.2100	9.2775E-6
	41.00000	-12.00000	-8.50000	-9.3640	-8.9310	-545.61E-6	-1.1366	8.7158E-6
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	43.00000	-12.00000	-8.50000	-8.5373	-8.9310	-424.77E-6	-0.99672	7.6457E-6
	44.00000	-12.00000	-8.50000	-8.1350	-8.9310	-372.37E-6	-0.93139	7.1457E-6
	45.00000	-12.00000	-8.50000	-7.7426	-8.9310	-325.56E-6	-0.86959	6.6725E-6
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	53.00000	-12.00000	-8.50000	-5.0688	-8.9310	-111.66E-6	-0.50347	3.8668E-6
	54.00000	-12.00000	-8.50000	-4.7963	-8.9310	-98.423E-6	-0.47154	3.6218E-6
	55.00000	-12.00000	-8.50000	-4.5370	-8.9310	-86.962E-6	-0.44202	3.3953E-6
	56.00000	-12.00000	-8.50000	-4.2904	-8.9310	-77.018E-6	-0.41472	3.1859E-6
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	-6.00000	-11.00000	-8.50000	-7.8788	-8.9310	-340.89E-6	-0.89052	6.8328E-6
	-5.00000	-11.00000	-8.50000	-8.2991	-8.9310	-394.85E-6	-0.95843	7.3526E-6
	-4.00000	-11.00000	-8.50000	-8.7333	-8.9310	-456.92E-6	-1.0312	7.9096E-6
	-3.00000	-11.00000	-8.50000	-9.1798	-8.9310	-527.53E-6	-1.1088	8.5028E-6
	-2.00000	-11.00000	-8.50000	-9.6366	-8.9310	-606.76E-6	-1.1908	9.1298E-6
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	0.00000	-11.00000	-8.50000	-10.571	-8.9310	-788.40E-6	-1.3656	10.466E-6
	1.00000	-11.00000	-8.50000	-11.041	-8.9310	-887.79E-6	-1.4565	11.160E-6
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	4.00000	-11.00000	-8.50000	-12.423	-8.9310	-0.0011907	-1.7284	13.237E-6
	5.00000	-11.00000	-8.50000	-12.861	-8.9310	-0.0012843	-1.8143	13.894E-6
	6.00000	-11.00000	-8.50000	-13.281	-8.9310	-0.0013706	-1.8959	14.517E-6
	7.00000	-11.00000	-8.50000	-13.680	-8.9310	-0.0014485	-1.9725	15.102E-6
	8.00000	-11.00000	-8.50000	-14.055	-8.9310	-0.0015174	-2.0433	15.644E-6
	9.00000	-11.00000	-8.50000	-14.405	-8.9310	-0.0015775	-2.1080	16.139E-6
	10.00000	-11.00000	-8.50000	-14.727	-8.9310	-0.0016291	-2.1665	16.586E-6
	11.00000	-11.00000	-8.50000	-15.021	-8.9310	-0.0016729	-2.2187	16.986E-6
	12.00000	-11.00000	-8.50000	-15.285	-8.9310	-0.0017096	-2.2648	17.338E-6
	13.00000	-11.00000	-8.50000	-15.519	-8.9310	-0.0017400	-2.3047	17.644E-6
	14.00000	-11.00000	-8.50000	-15.722	-8.9310	-0.0017649	-2.3389	17.906E-6
	15.00000	-11.00000	-8.50000	-15.893	-8.9310	-0.0017848	-2.3673	18.123E-6
	16.00000	-11.00000	-8.50000	-16.033	-8.9310	-0.0018004	-2.3902	18.299E-6
	17.00000	-11.00000	-8.50000	-16.142	-8.9310	-0.0018121	-2.4078	18.434E-6
	18.00000	-11.00000	-8.50000	-16.219	-8.9310	-0.0018201	-2.4202	18.529E-6

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	57.00000	-11.00000	-8.50000	-4.2343	-8.9310	-74.728E-6	-0.40850	3.1381E-6
	58.00000	-11.00000	-8.50000	-3.9978	-8.9310	-66.201E-6	-0.38317	2.9438E-6
	59.00000	-11.00000	-8.50000	-3.7739	-8.9310	-58.804E-6	-0.35980	2.7643E-6
	60.00000	-11.00000	-8.50000	-3.5619	-8.9310	-52.369E-6	-0.33821	2.5986E-6
	-20.00000	-10.00000	-8.50000	-3.7536	-8.9310	-57.709E-6	-0.35731	2.7452E-6
	-19.00000	-10.00000	-8.50000	-3.9800	-8.9310	-65.004E-6	-0.38080	2.9256E-6
	-18.00000	-10.00000	-8.50000	-4.2196	-8.9310	-73.431E-6	-0.40631	3.1213E-6
	-17.00000	-10.00000	-8.50000	-4.4730	-8.9310	-83.197E-6	-0.43403	3.3340E-6
	-16.00000	-10.00000	-8.50000	-4.7408	-8.9310	-94.555E-6	-0.46419	3.5655E-6
	-15.00000	-10.00000	-8.50000	-5.0239	-8.9310	-107.81E-6	-0.49706	3.8177E-6
	-14.00000	-10.00000	-8.50000	-5.3229	-8.9310	-123.34E-6	-0.53292	4.0927E-6
	-13.00000	-10.00000	-8.50000	-5.6386	-8.9310	-141.58E-6	-0.57208	4.3931E-6
	-12.00000	-10.00000	-8.50000	-5.9715	-8.9310	-163.10E-6	-0.61489	4.7213E-6
	-11.00000	-10.00000	-8.50000	-6.3223	-8.9310	-188.55E-6	-0.66173	5.0803E-6
	-10.00000	-10.00000	-8.50000	-6.6916	-8.9310	-218.72E-6	-0.71300	5.4732E-6
	-9.00000	-10.00000	-8.50000	-7.0798	-8.9310	-254.57E-6	-0.76913	5.9032E-6
	-8.00000	-10.00000	-8.50000	-7.4871	-8.9310	-297.21E-6	-0.83055	6.3736E-6
	-7.00000	-10.00000	-8.50000	-7.9136	-8.9310	-347.90E-6	-0.89769	6.8877E-6
	-6.00000	-10.00000	-8.50000	-8.3591	-8.9310	-408.06E-6	-0.97095	7.4483E-6
	-5.00000	-10.00000	-8.50000	-8.8231	-8.9310	-479.14E-6	-1.0506	8.0578E-6
	-4.00000	-10.00000	-8.50000	-9.3043	-8.9310	-562.53E-6	-1.1369	8.7175E-6
	-3.00000	-10.00000	-8.50000	-9.8014	-8.9310	-659.33E-6	-1.2298	9.4271E-6
	-2.00000	-10.00000	-8.50000	-10.312	-8.9310	-770.07E-6	-1.3289	10.184E-6
	-1.00000	-10.00000	-8.50000	-10.833	-8.9310	-894.33E-6	-1.4336	10.984E-6
	0.00000	-10.00000	-8.50000	-11.362	-8.9310	-0.0010305	-1.5428	11.818E-6
	1.00000	-10.00000	-8.50000	-11.893	-8.9310	-0.0011756	-1.6552	12.675E-6
	2.00000	-10.00000	-8.50000	-12.423	-8.9310	-0.0013254	-1.7688	13.542E-6
	3.00000	-10.00000	-8.50000	-12.946	-8.9310	-0.0014751	-1.8818	14.404E-6
	4.00000	-10.00000	-8.50000	-13.457	-8.9310	-0.0016197	-1.9923	15.247E-6
	5.00000	-10.00000	-8.50000	-13.952	-8.9310	-0.0017550	-2.0983	16.056E-6
	6.00000	-10.00000	-8.50000	-14.426	-8.9310	-0.0018782	-2.1985	16.821E-6
	7.00000	-10.00000	-8.50000	-14.875	-8.9310	-0.0019874	-2.2917	17.533E-6
	8.00000	-10.00000	-8.50000	-15.297	-8.9310	-0.0020824	-2.3774	18.187E-6
	9.00000	-10.00000	-8.50000	-15.690	-8.9310	-0.0021636	-2.4550	18.781E-6
	10.00000	-10.00000	-8.50000	-16.050	-8.9310	-0.0022320	-2.5246	19.313E-6
	11.00000	-10.00000	-8.50000	-16.378	-8.9310	-0.0022891	-2.5863	19.785E-6
	12.00000	-10.00000	-8.50000	-16.672	-8.9310	-0.0023362	-2.6403	20.198E-6
	13.00000	-10.00000	-8.50000	-16.931	-8.9310	-0.0023747	-2.6869	20.554E-6
	14.00000	-10.00000	-8.50000	-17.156	-8.9310	-0.0024057	-2.7264	20.857E-6
	15.00000	-10.00000	-8.50000	-17.345	-8.9310	-0.0024304	-2.7593	21.108E-6
	16.00000	-10.00000	-8.50000	-17.500	-8.9310	-0.0024495	-2.7856	21.310E-6
	17.00000	-10.00000	-8.50000	-17.620	-8.9310	-0.0024636	-2.8058	21.464E-6
	18.00000	-10.00000	-8.50000	-17.705	-8.9310	-0.0024734	-2.8200	21.573E-6
	19.00000	-10.00000	-8.50000	-17.755	-8.9310	-0.0024791	-2.8283	21.637E-6
	20.00000	-10.00000	-8.50000	-17.770	-8.9310	-0.0024809	-2.8308	21.656E-6
	21.00000	-10.00000	-8.50000	-17.750	-8.9310	-0.0024788	-2.8277	21.632E-6
	22.00000	-10.00000	-8.50000	-17.695	-8.9310	-0.0024730	-2.8188	21.564E-6
	23.00000	-10.00000	-8.50000	-17.606	-8.9310	-0.0024630	-2.8040	21.451E-6
	24.00000	-10.00000	-8.50000	-17.481	-8.9310	-0.0024486	-2.7833	21.292E-6
	25.00000	-10.00000	-8.50000	-17.322	-8.9310	-0.0024293	-2.7563	21.086E-6
	26.00000	-10.00000	-8.50000	-17.128	-8.9310	-0.0024044	-2.7230	20.830E-6
	27.00000	-10.00000	-8.50000	-16.898	-8.9310	-0.0023731	-2.6829	20.523E-6
	28.00000	-10.00000	-8.50000	-16.635	-8.9310	-0.0023344	-2.6357	20.162E-6
	29.00000	-10.00000	-8.50000	-16.336	-8.9310	-0.0022871	-2.5812	19.745E-6
	30.00000	-10.00000	-8.50000	-16.005	-8.9310	-0.0022298	-2.5190	19.269E-6
	31.00000	-10.00000	-8.50000	-15.640	-8.9310	-0.0021612	-2.4488	18.733E-6
	32.00000	-10.00000	-8.50000	-15.244	-8.9310	-0.0020798	-2.3707	18.136E-6
	33.00000	-10.00000	-8.50000	-14.818	-8.9310	-0.0019846	-2.2846	17.478E-6
	34.00000	-10.00000	-8.50000	-14.365	-8.9310	-0.0018752	-2.1910	16.763E-6
	35.00000	-10.00000	-8.50000	-13.888	-8.9310	-0.0017519	-2.0904	15.995E-6
	36.00000	-10.00000	-8.50000	-13.391	-8.9310	-0.0016164	-1.9840	15.184E-6
	37.00000	-10.00000	-8.50000	-12.877	-8.9310	-0.0014717	-1.8733	14.339E-6
	38.00000	-10.00000	-8.50000	-12.352	-8.9310	-0.0013220	-1.7601	13.475E-6
	39.00000	-10.00000	-8.50000	-11.821	-8.9310	-0.0011721	-1.6462	12.606E-6
	40.00000	-10.00000	-8.50000	-11.288	-8.9310	-0.0010270	-1.5338	11.748E-6
	41.00000	-10.00000	-8.50000	-10.758	-8.9310	-890.83E-6	-1.4244	10.914E-6
	42.00000	-10.00000	-8.50000	-10.236	-8.9310	-766.59E-6	-1.3197	10.114E-6
	43.00000	-10.00000	-8.50000	-9.7252	-8.9310	-655.90E-6	-1.2206	9.3568E-6
	44.00000	-10.00000	-8.50000	-9.2280	-8.9310	-559.17E-6	-1.1278	8.6477E-6
	45.00000	-10.00000	-8.50000	-8.7470	-8.9310	-475.87E-6	-1.0417	7.9889E-6
	46.00000	-10.00000	-8.50000	-8.2836	-8.9310	-404.90E-6	-0.96213	7.3806E-6
	47.00000	-10.00000	-8.50000	-7.8389	-8.9310	-344.86E-6	-0.88906	6.8214E-6
	48.00000	-10.00000	-8.50000	-7.4135	-8.9310	-294.30E-6	-0.82214	6.3091E-6
	49.00000	-10.00000	-8.50000	-7.0075	-8.9310	-251.81E-6	-0.76096	5.8406E-6
	50.00000	-10.00000	-8.50000	-6.6208	-8.9310	-216.10E-6	-0.70510	5.4126E-6
	51.00000	-10.00000	-8.50000	-6.2533	-8.9310	-186.08E-6	-0.65412	5.0219E-6
	52.00000	-10.00000	-8.50000	-5.9043	-8.9310	-160.79E-6	-0.60758	4.6652E-6
	53.00000	-10.00000	-8.50000	-5.5733	-8.9310	-139.42E-6	-0.56508	4.3393E-6
	54.00000	-10.00000	-8.50000	-5.2598	-8.9310	-121.32E-6	-0.52623	4.0414E-6
	55.00000	-10.00000	-8.50000	-4.9629	-8.9310	-105.94E-6	-0.49069	3.7688E-6
	56.00000	-10.00000	-8.50000	-4.6820	-8.9310	-92.825E-6	-0.45814	3.5190E-6
	57.00000	-10.00000	-8.50000	-4.4164	-8.9310	-81.600E-6	-0.42828	3.2899E-6
	58.00000	-10.00000	-8.50000	-4.1652	-8.9310	-71.960E-6	-0.40087	3.0796E-6
	59.00000	-10.00000	-8.50000	-3.9279	-8.9310	-63.652E-6	-0.37567	2.8861E-6
	60.00000	-10.00000	-8.50000	-3.7037	-8.9310	-56.469E-6	-0.35246	2.7080E-6
	-20.00000	-9.00000	-8.50000	-3.9007	-8.9310	-62.216E-6	-0.37238	2.8609E-6
	-19.00000	-9.00000	-8.50000	-4.1400	-8.9310	-70.352E-6	-0.39761	3.0546E-6
	-18.00000	-9.00000	-8.50000	-4.3937	-8.9310	-79.805E-6	-0.42511	3.2656E-6
	-17.00000	-9.00000	-8.50000	-4.6626	-8.9310	-90.833E-6	-0.45510	3.4958E-6
	-16.00000	-9.00000	-8.50000	-4.9476	-8.9310	-103.75E-6	-0.48788	3.7472E-6
	-15.00000	-9.00000	-8.50000	-5.2494	-8.9310	-118.95E-6	-0.52376	4.0225E-6
	-14.00000	-9.00000	-8.50000	-5.5690	-8.9310	-136.91E-6	-0.56309	4.3241E-6
	-13.00000	-9.00000	-8.50000	-5.9074	-8.9310	-158.23E-6	-0.60629	4.6553E-6
	-12.00000	-9.00000	-8.50000	-6.2653	-8.9310	-183.65E-6	-0.65379	5.0195E-6
	-11.00000	-9.00000	-8.50000	-6.6437	-8.9310	-214.08E-6	-0.70610	5.4204E-6
	-10.00000	-9.00000	-8.50000	-7.0433	-8.9310	-250.66E-6	-0.76378	5.8623E-6
	-9.00000	-9.00000	-8.50000	-7.4650	-8.9310	-294.79E-6	-0.82743	6.3498E-6
	-8.00000	-9.00000	-8.50000	-7.9092	-8.9310	-348.18E-6	-0.89770	6.8877E-6
	-7.00000	-9.00000	-8.50000	-8.3764	-8.9310	-412.87E-6	-0.97525	7.4811E-6
	-6.00000	-9.00000	-8.50000	-8.8666	-8.9310	-491.22E-6	-1.0608	8.1350E-6
	-5.00000	-9.00000	-8.50000	-9.3794	-8.9310	-585.90E-6	-1.1548	8.8539E-6
	-4.00000	-9.00000	-8.50000	-9.9141	-8.9310	-699.64E-6	-1.2578	9.6410E-6
	-3.00000	-9.00000	-8.50000	-10.469	-8.9310	-834.94E-6	-1.3700	10.498E-6
	-2.00000	-9.00000	-8.50000	-11.042	-8.9310	-993.50E-6	-1.4912	11.423E-6
	-1.00000	-9.00000	-8.50000	-11.629	-8.9310	-0.0011755	-1.6207	12.410E-6
	0.00000	-9.00000	-8.50000	-12.227	-8.9310	-0.0013788	-1.7571	13.449E-6
	1.00000	-9.00000	-8.50000	-12.830	-8.9310	-0.0015986	-1.8984	14.526E-6
	2.00000	-9.00000	-8.50000	-13.432	-8.9310	-0.0018273	-2.0419	15.619E-6
	3.00000	-9.00000	-8.50000	-14.027	-8.9310	-0.0020558	-2.1848	16.707E-6
	4.00000	-9.00000	-8.50000	-14.609	-8.9310	-0.0022750	-2.3240	17.768E-6
	5.00000	-9.00000	-8.50000	-15.171	-8.9310	-0.0024775	-2.4569	18.781E-6
	6.00000	-9.00000	-8.50000	-15.709	-8.9310	-0.0026582	-2.5816	19.731E-6
	7.00000	-9.00000	-8.50000	-16.217	-8.9310	-0.0028152	-2.6965	20.608E-6
	8.00000	-9.00000	-8.50000	-16.693	-8.9310	-0.0029484	-2.8010	21.405E-6
	9.00000	-9.00000	-8.50000	-17.134	-8.9310	-0.0030597	-2.8948	22.122E-6
	10.00000	-9.00000	-8.50000	-17.538	-8.9310	-0.0031515	-2.9781	22.758E-6
	11.00000	-9.00000	-8.50000	-17.904	-8.9310	-0.0032264	-3.0512	23.317E-6
	12.00000	-9.00000	-8.50000	-18.231	-8.9310	-0.0032871	-3.1147	23.802E-6
	13.00000	-9.00000	-8.50000	-18.519	-8.9310	-0.0033359	-3.1691	24.218E-6
	14.00000	-9.00000	-8.50000	-18.768	-8.9310	-0.0033747	-3.2149	24.569E-6
	15.00000	-9.00000	-8.50000	-18.977	-8.9310	-0.0034052	-3.2528	24.858E-6
	16.00000	-9.00000	-8.50000	-19.148	-8.9310	-0.0034285	-3.2838	25.090E-6
	17.00000	-9.00000	-8.50000	-19.280	-8.9310	-0.0034457	-3.3061	25.267E-6
	18.00000	-9.00000	-8.50000	-19.373	-8.9310	-0.0034574	-3.3223	25.391E-6
	19.00000	-9.00000	-8.50000	-19.428	-8.9310	-0.0034643	-3.3318	25.463E-6
	20.00000	-9.00000	-8.50000	-19.445	-8.9310	-0.0034664	-3.3347	25.486E-6
	21.00000	-9.00000	-8.50000	-19.423	-8.9310	-0.0034640	-3.3311	25.458E-6
	22.00000	-9.00000	-8.50000	-19.363	-8.9310	-0.0034569	-3.3210	25.380E-6
	23.00000	-9.00000	-8.50000	-19.264	-8.9310	-0.0034449	-3.3041	25.252E-6
	24.00000	-9.00000	-8.50000	-19.127	-8.9310	-0.0034274	-3.2804	25.070E-6
	25.00000	-9.00000	-8.50000	-18.951	-8.9310	-0.0034038	-3.2495	24.833E-6
	26.00000	-9.00000	-8.50000	-18.737	-8.9310	-0.0033731	-3.2110	24.538E-6
	27.00000	-9.00000	-8.50000	-18.483	-8.9310	-0.0033340	-3.1645	24.183E-6
	28.00000	-9.00000	-8.50000	-18.190	-8.9310	-0.0032850	-3.1095	23.762E-6
	29.00000	-9.00000	-8.50000	-17.858	-8.9310	-0.0032240	-3.0454	23.272E-6
	30.00000	-9.00000	-8.50000	-17.488	-8.9310	-0.0031488	-2.9717	22.708E-6
	31.00000	-9.00000	-8.50000	-17.079	-8.9310	-0.0030568	-2.8878	22.068E-6
	32.00000	-9.00000	-8.50000	-16.634	-8.9310	-0.0029453	-2.7934	21.347E-6
	33.00000	-9.00000	-8.50000	-16.154	-8.9310	-0.0028118	-2.6884	20.546E-6
	34.00000	-9.00000	-8.50000	-15.642	-8.9310	-0.0026547	-2.5730	19.665E-6
	35.00000	-9.00000	-8.50000	-15.101	-8.9310	-0.0024737	-2.4479	18.712E-6

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	36.00000	-9.00000	-8.50000	-14.536	-8.9310	-0.0022711	-2.3146	17.695E-6
	37.00000	-9.00000	-8.50000	-13.952	-8.9310	-0.0020517	-2.1750	16.632E-6
	38.00000	-9.00000	-8.50000	-13.354	-8.9310	-0.0018231	-2.0319	15.542E-6
	39.00000	-9.00000	-8.50000	-12.750	-8.9310	-0.0015944	-1.8882	14.447E-6
	40.00000	-9.00000	-8.50000	-12.146	-8.9310	-0.0013746	-1.7468	13.370E-6
	41.00000	-9.00000	-8.50000	-11.547	-8.9310	-0.0011713	-1.6103	12.330E-6
	42.00000	-9.00000	-8.50000	-10.958	-8.9310	-989.29E-6	-1.4808	11.342E-6
	43.00000	-9.00000	-8.50000	-10.385	-8.9310	-830.79E-6	-1.3596	10.418E-6
	44.00000	-9.00000	-8.50000	-9.8303	-8.9310	-695.58E-6	-1.2475	9.5617E-6
	45.00000	-9.00000	-8.50000	-9.2960	-8.9310	-581.96E-6	-1.1446	8.7757E-6
	46.00000	-9.00000	-8.50000	-8.7838	-8.9310	-487.43E-6	-1.0508	8.0584E-6
	47.00000	-9.00000	-8.50000	-8.2947	-8.9310	-409.23E-6	-0.96550	7.4063E-6
	48.00000	-9.00000	-8.50000	-7.8288	-8.9310	-344.72E-6	-0.88822	6.8149E-6
	49.00000	-9.00000	-8.50000	-7.3862	-8.9310	-291.51E-6	-0.81825	6.2793E-6
	50.00000	-9.00000	-8.50000	-6.9663	-8.9310	-247.57E-6	-0.75493	5.7943E-6
	51.00000	-9.00000	-8.50000	-6.5686	-8.9310	-211.17E-6	-0.69759	5.3551E-6
	52.00000	-9.00000	-8.50000	-6.1924	-8.9310	-180.93E-6	-0.64564	4.9569E-6
	53.00000	-9.00000	-8.50000	-5.8367	-8.9310	-155.71E-6	-0.59850	4.5956E-6
	54.00000	-9.00000	-8.50000	-5.5008	-8.9310	-134.57E-6	-0.55568	4.2672E-6
	55.00000	-9.00000	-8.50000	-5.1836	-8.9310	-116.79E-6	-0.51671	3.9684E-6
	56.00000	-9.00000	-8.50000	-4.8842	-8.9310	-101.76E-6	-0.48120	3.6960E-6
	57.00000	-9.00000	-8.50000	-4.6018	-8.9310	-89.000E-6	-0.44879	3.4473E-6
	58.00000	-9.00000	-8.50000	-4.3355	-8.9310	-78.123E-6	-0.41915	3.2198E-6
	59.00000	-9.00000	-8.50000	-4.0843	-8.9310	-68.813E-6	-0.39200	3.0115E-6
	60.00000	-9.00000	-8.50000	-3.8474	-8.9310	-60.811E-6	-0.36709	2.8203E-6
	-20.00000	-8.00000	-8.50000	-4.0494	-8.9310	-66.983E-6	-0.38782	2.9794E-6
	-19.00000	-8.00000	-8.50000	-4.3021	-8.9310	-76.033E-6	-0.41490	3.1873E-6
	-18.00000	-8.00000	-8.50000	-4.5705	-8.9310	-86.612E-6	-0.44449	3.4144E-6
	-17.00000	-8.00000	-8.50000	-4.8555	-8.9310	-99.036E-6	-0.47691	3.6631E-6
	-16.00000	-8.00000	-8.50000	-5.1582	-8.9310	-113.70E-6	-0.51249	3.9360E-6
	-15.00000	-8.00000	-8.50000	-5.4797	-8.9310	-131.08E-6	-0.55161	4.2361E-6
	-14.00000	-8.00000	-8.50000	-5.8210	-8.9310	-151.82E-6	-0.59471	4.5666E-6
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	-11.00000	-8.00000	-8.50000	-6.9755	-8.9310	-243.00E-6	-0.75340	5.7828E-6
	-10.00000	-8.00000	-8.50000	-7.4078	-8.9310	-287.34E-6	-0.81830	6.2799E-6
	-9.00000	-8.00000	-8.50000	-7.8656	-8.9310	-341.72E-6	-0.89053	6.8329E-6
	-8.00000	-8.00000	-8.50000	-8.3501	-8.9310	-408.72E-6	-0.97104	7.4489E-6
	-7.00000	-8.00000	-8.50000	-8.8619	-8.9310	-491.62E-6	-1.0608	8.1358E-6
	-6.00000	-8.00000	-8.50000	-9.4017	-8.9310	-594.41E-6	-1.1610	8.9014E-6
	-5.00000	-8.00000	-8.50000	-9.9694	-8.9310	-721.87E-6	-1.2726	9.7539E-6
	-4.00000	-8.00000	-8.50000	-10.565	-8.9310	-879.39E-6	-1.3966	10.700E-6
	-3.00000	-8.00000	-8.50000	-11.186	-8.9310	-0.0010725	-1.5337	11.745E-6
	-2.00000	-8.00000	-8.50000	-11.831	-8.9310	-0.0013057	-1.6839	12.890E-6
	-1.00000	-8.00000	-8.50000	-12.496	-8.9310	-0.0015815	-1.8467	14.129E-6
	0.00000	-8.00000	-8.50000	-13.176	-8.9310	-0.0018976	-2.0203	15.449E-6
	1.00000	-8.00000	-8.50000	-13.865	-8.9310	-0.0022459	-2.2018	16.829E-6
	2.00000	-8.00000	-8.50000	-14.554	-8.9310	-0.0026122	-2.3873	18.239E-6
	3.00000	-8.00000	-8.50000	-15.236	-8.9310	-0.0029783	-2.5720	19.643E-6
	4.00000	-8.00000	-8.50000	-15.903	-8.9310	-0.0033260	-2.7514	21.006E-6
	5.00000	-8.00000	-8.50000	-16.545	-8.9310	-0.0036411	-2.9213	22.298E-6
	6.00000	-8.00000	-8.50000	-17.158	-8.9310	-0.0039155	-3.0789	23.498E-6
	7.00000	-8.00000	-8.50000	-17.735	-8.9310	-0.0041469	-3.2224	24.591E-6
	8.00000	-8.00000	-8.50000	-18.273	-8.9310	-0.0043377	-3.3512	25.572E-6
	9.00000	-8.00000	-8.50000	-18.770	-8.9310	-0.0044925	-3.4654	26.443E-6
	10.00000	-8.00000	-8.50000	-19.222	-8.9310	-0.0046167	-3.5654	27.207E-6
	11.00000	-8.00000	-8.50000	-19.631	-8.9310	-0.0047157	-3.6524	27.871E-6
	12.00000	-8.00000	-8.50000	-19.995	-8.9310	-0.0047942	-3.7271	28.442E-6
	13.00000	-8.00000	-8.50000	-20.315	-8.9310	-0.0048561	-3.7906	28.927E-6
	14.00000	-8.00000	-8.50000	-20.590	-8.9310	-0.0049046	-3.8437	29.334E-6
	15.00000	-8.00000	-8.50000	-20.822	-8.9310	-0.0049421	-3.8873	29.668E-6
	16.00000	-8.00000	-8.50000	-21.010	-8.9310	-0.0049706	-3.9221	29.933E-6
	17.00000	-8.00000	-8.50000	-21.155	-8.9310	-0.0049913	-3.9484	30.135E-6
	18.00000	-8.00000	-8.50000	-21.258	-8.9310	-0.0050055	-3.9669	30.276E-6
	19.00000	-8.00000	-8.50000	-21.318	-8.9310	-0.0050136	-3.9776	30.359E-6
	20.00000	-8.00000	-8.50000	-21.336	-8.9310	-0.0050162	-3.9810	30.384E-6
	21.00000	-8.00000	-8.50000	-21.312	-8.9310	-0.0050133	-3.9769	30.353E-6
	22.00000	-8.00000	-8.50000	-21.246	-8.9310	-0.0050048	-3.9654	30.265E-6
	23.00000	-8.00000	-8.50000	-21.138	-8.9310	-0.0049904	-3.9462	30.118E-6
	24.00000	-8.00000	-8.50000	-20.987	-8.9310	-0.0049693	-3.9191	29.910E-6
	25.00000	-8.00000	-8.50000	-20.793	-8.9310	-0.0049405	-3.8836	29.639E-6
	26.00000	-8.00000	-8.50000	-20.556	-8.9310	-0.0049027	-3.8393	29.300E-6
	27.00000	-8.00000	-8.50000	-20.275	-8.9310	-0.0048539	-3.7854	28.887E-6
	28.00000	-8.00000	-8.50000	-19.950	-8.9310	-0.0047917	-3.7211	28.396E-6
	29.00000	-8.00000	-8.50000	-19.581	-8.9310	-0.0047129	-3.6457	27.820E-6
	30.00000	-8.00000	-8.50000	-19.167	-8.9310	-0.0046135	-3.5581	27.151E-6
	31.00000	-8.00000	-8.50000	-18.709	-8.9310	-0.0044890	-3.4573	26.381E-6
	32.00000	-8.00000	-8.50000	-18.208	-8.9310	-0.0043339	-3.3425	25.506E-6
	33.00000	-8.00000	-8.50000	-17.666	-8.9310	-0.0041428	-3.2131	24.520E-6
	34.00000	-8.00000	-8.50000	-17.084	-8.9310	-0.0039111	-3.0691	23.422E-6
	35.00000	-8.00000	-8.50000	-16.468	-8.9310	-0.0036365	-2.9109	22.219E-6
	36.00000	-8.00000	-8.50000	-15.822	-8.9310	-0.0033212	-2.7406	20.923E-6
	37.00000	-8.00000	-8.50000	-15.153	-8.9310	-0.0029733	-2.5608	19.557E-6
	38.00000	-8.00000	-8.50000	-14.468	-8.9310	-0.0026071	-2.3758	18.151E-6
	39.00000	-8.00000	-8.50000	-13.777	-8.9310	-0.0022407	-2.1901	16.739E-6
	40.00000	-8.00000	-8.50000	-13.086	-8.9310	-0.0018924	-2.0084	15.358E-6
	41.00000	-8.00000	-8.50000	-12.405	-8.9310	-0.0015763	-1.8347	14.037E-6
	42.00000	-8.00000	-8.50000	-11.739	-8.9310	-0.0013006	-1.6719	12.798E-6
	43.00000	-8.00000	-8.50000	-11.094	-8.9310	-0.0010674	-1.5217	11.654E-6
	44.00000	-8.00000	-8.50000	-10.472	-8.9310	-874.47E-6	-1.3848	10.610E-6
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	46.00000	-8.00000	-8.50000	-9.3109	-8.9310	-589.84E-6	-1.1497	8.8144E-6
	47.00000	-8.00000	-8.50000	-8.7724	-8.9310	-487.26E-6	-1.0498	8.0510E-6
	48.00000	-8.00000	-8.50000	-8.2622	-8.9310	-404.58E-6	-0.96032	7.3667E-6
	49.00000	-8.00000	-8.50000	-7.7796	-8.9310	-337.81E-6	-0.88018	6.7535E-6
	50.00000	-8.00000	-8.50000	-7.3238	-8.9310	-283.67E-6	-0.80835	6.2035E-6
	51.00000	-8.00000	-8.50000	-6.8939	-8.9310	-239.57E-6	-0.74386	5.7096E-6
	52.00000	-8.00000	-8.50000	-6.4886	-8.9310	-203.46E-6	-0.68588	5.2654E-6
	53.00000	-8.00000	-8.50000	-6.1068	-8.9310	-173.72E-6	-0.63364	4.8650E-6
	54.00000	-8.00000	-8.50000	-5.7472	-8.9310	-149.09E-6	-0.58648	4.5034E-6
	55.00000	-8.00000	-8.50000	-5.4087	-8.9310	-128.57E-6	-0.54381	4.1762E-6
	56.00000	-8.00000	-8.50000	-5.0901	-8.9310	-111.39E-6	-0.50512	3.8795E-6
	57.00000	-8.00000	-8.50000	-4.7902	-8.9310	-96.928E-6	-0.46997	3.6098E-6
	58.00000	-8.00000	-8.50000	-4.5080	-8.9310	-84.687E-6	-0.43796	3.3642E-6
	59.00000	-8.00000	-8.50000	-4.2425	-8.9310	-74.279E-6	-0.40875	3.1401E-6
	60.00000	-8.00000	-8.50000	-

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	15.00000	-7.00000	-8.50000	-22.922	-8.9310	-0.0075015	-4.7251	35.992E-6
	16.00000	-7.00000	-8.50000	-23.129	-8.9310	-0.0075360	-4.7648	36.296E-6
	17.00000	-7.00000	-8.50000	-23.288	-8.9310	-0.0075610	-4.7948	36.526E-6
	18.00000	-7.00000	-8.50000	-23.401	-8.9310	-0.0075779	-4.8158	36.686E-6
	19.00000	-7.00000	-8.50000	-23.467	-8.9310	-0.0075876	-4.8280	36.780E-6
	20.00000	-7.00000	-8.50000	-23.487	-8.9310	-0.0075906	-4.8318	36.809E-6
	21.00000	-7.00000	-8.50000	-23.461	-8.9310	-0.0075872	-4.8272	36.773E-6
	22.00000	-7.00000	-8.50000	-23.388	-8.9310	-0.0075771	-4.8141	36.673E-6
	23.00000	-7.00000	-8.50000	-23.269	-8.9310	-0.0075599	-4.7923	36.506E-6
	24.00000	-7.00000	-8.50000	-23.104	-8.9310	-0.0075345	-4.7614	36.270E-6
	25.00000	-7.00000	-8.50000	-22.890	-8.9310	-0.0074996	-4.7208	35.960E-6
	26.00000	-7.00000	-8.50000	-22.629	-8.9310	-0.0074531	-4.6698	35.570E-6
	27.00000	-7.00000	-8.50000	-22.319	-8.9310	-0.0073923	-4.6075	35.093E-6
	28.00000	-7.00000	-8.50000	-21.958	-8.9310	-0.0073134	-4.5325	34.520E-6
	29.00000	-7.00000	-8.50000	-21.547	-8.9310	-0.0072114	-4.4436	33.841E-6
	30.00000	-7.00000	-8.50000	-21.085	-8.9310	-0.0070796	-4.3392	33.044E-6
	31.00000	-7.00000	-8.50000	-20.571	-8.9310	-0.0069096	-4.2176	32.117E-6
	32.00000	-7.00000	-8.50000	-20.006	-8.9310	-0.0066909	-4.0770	31.045E-6
	33.00000	-7.00000	-8.50000	-19.391	-8.9310	-0.0064115	-3.9159	29.820E-6
	34.00000	-7.00000	-8.50000	-18.728	-8.9310	-0.0060596	-3.7334	28.432E-6
	35.00000	-7.00000	-8.50000	-18.022	-8.9310	-0.0056264	-3.5298	26.886E-6
	36.00000	-7.00000	-8.50000	-17.279	-8.9310	-0.0051114	-3.3069	25.196E-6
	37.00000	-7.00000	-8.50000	-16.506	-8.9310	-0.0045277	-3.0691	23.394E-6
	38.00000	-7.00000	-8.50000	-15.715	-8.9310	-0.0039041	-2.8227	21.528E-6
	39.00000	-7.00000	-8.50000	-14.917	-8.9310	-0.0032804	-2.5757	19.657E-6
	40.00000	-7.00000	-8.50000	-14.122	-8.9310	-0.0026962	-2.3358	17.839E-6
	41.00000	-7.00000	-8.50000	-13.342	-8.9310	-0.0021803	-2.1094	16.122E-6
	42.00000	-7.00000	-8.50000	-12.584	-8.9310	-0.0017459	-1.9008	14.538E-6
	43.00000	-7.00000	-8.50000	-11.854	-8.9310	-0.0013924	-1.7119	13.101E-6
	44.00000	-7.00000	-8.50000	-11.156	-8.9310	-0.0011111	-1.5429	11.815E-6
	45.00000	-7.00000	-8.50000	-10.493	-8.9310	-889.90E-6	-1.3928	10.670E-6
	46.00000	-7.00000	-8.50000	-9.8649	-8.9310	-716.91E-6	-1.2599	9.6564E-6
	47.00000	-7.00000	-8.50000	-9.2718	-8.9310	-581.58E-6	-1.1425	8.7598E-6
	48.00000	-7.00000	-8.50000	-8.7129	-8.9310	-475.35E-6	-1.0388	7.9667E-6
	49.00000	-7.00000	-8.50000	-8.1870	-8.9310	-391.49E-6	-0.94690	7.2641E-6
	50.00000	-7.00000	-8.50000	-7.6926	-8.9310	-324.85E-6	-0.86540	6.6404E-6
	51.00000	-7.00000	-8.50000	-7.2282	-8.9310	-271.51E-6	-0.79292	6.0854E-6
	52.00000	-7.00000	-8.50000	-6.7921	-8.9310	-228.48E-6	-0.72827	5.5902E-6
	53.00000	-7.00000	-8.50000	-6.3826	-8.9310	-193.51E-6	-0.67044	5.1471E-6
	54.00000	-7.00000	-8.50000	-5.9983	-8.9310	-164.89E-6	-0.61857	4.7495E-6
	55.00000	-7.00000	-8.50000	-5.6375	-8.9310	-141.30E-6	-0.57191	4.3917E-6
	56.00000	-7.00000	-8.50000	-5.2988	-8.9310	-121.72E-6	-0.52982	4.0690E-6
	57.00000	-7.00000	-8.50000	-4.9809	-8.9310	-105.37E-6	-0.49176	3.7770E-6
	58.00000	-7.00000	-8.50000	-4.6823	-8.9310	-91.639E-6	-0.45725	3.5122E-6
	59.00000	-7.00000	-8.50000	-4.4020	-8.9310	-80.038E-6	-0.42589	3.2716E-6
	60.00000	-7.00000	-8.50000	-4.1387	-8.9310	-70.187E-6	-0.39732	3.0523E-6
	-20.00000	-6.00000	-8.50000	-4.3501	-8.9310	-77.250E-6	-0.41966	3.2238E-6
	-19.00000	-6.00000	-8.50000	-4.6306	-8.9310	-88.353E-6	-0.45068	3.4619E-6
	-18.00000	-6.00000	-8.50000	-4.9296	-8.9310	-101.48E-6	-0.48482	3.7239E-6
	-17.00000	-6.00000	-8.50000	-5.2485	-8.9310	-117.10E-6	-0.52251	4.0130E-6
	-16.00000	-6.00000	-8.50000	-5.5888	-8.9310	-135.80E-6	-0.56421	4.3328E-6
	-15.00000	-6.00000	-8.50000	-5.9519	-8.9310	-158.34E-6	-0.61050	4.6878E-6
	-14.00000	-6.00000	-8.50000	-6.3394	-8.9310	-185.70E-6	-0.66203	5.0828E-6
	-13.00000	-6.00000	-8.50000	-6.7532	-8.9310	-219.18E-6	-0.71960	5.5239E-6
	-12.00000	-6.00000	-8.50000	-7.1951	-8.9310	-260.49E-6	-0.78412	6.0182E-6
	-11.00000	-6.00000	-8.50000	-7.6671	-8.9310	-311.95E-6	-0.85671	6.5741E-6
	-10.00000	-6.00000	-8.50000	-8.1713	-8.9310	-376.67E-6	-0.93869	7.2016E-6
	-9.00000	-6.00000	-8.50000	-8.7099	-8.9310	-458.88E-6	-1.0317	7.9128E-6
	-8.00000	-6.00000	-8.50000	-9.2852	-8.9310	-564.42E-6	-1.1375	8.7219E-6
	-7.00000	-6.00000	-8.50000	-9.8994	-8.9310	-701.34E-6	-1.2585	9.6459E-6
	-6.00000	-6.00000	-8.50000	-10.555	-8.9310	-880.75E-6	-1.3972	10.705E-6
	-5.00000	-6.00000	-8.50000	-11.253	-8.9310	-0.0011179	-1.5568	11.921E-6
	-4.00000	-6.00000	-8.50000	-11.995	-8.9310	-0.0014330	-1.7406	13.320E-6
	-3.00000	-6.00000	-8.50000	-12.781	-8.9310	-0.0018523	-1.9519	14.925E-6
	-2.00000	-6.00000	-8.50000	-13.610	-8.9310	-0.0024057	-2.1936	16.759E-6
	-1.00000	-6.00000	-8.50000	-14.478	-8.9310	-0.0031221	-2.4670	18.829E-6
	0.00000	-6.00000	-8.50000	-15.378	-8.9310	-0.0040157	-2.7707	21.123E-6
	1.00000	-6.00000	-8.50000	-16.299	-8.9310	-0.0050687	-3.0983	23.595E-6
	2.00000	-6.00000	-8.50000	-17.228	-8.9310	-0.0062186	-3.4397	26.166E-6
	3.00000	-6.00000	-8.50000	-18.149	-8.9310	-0.0073683	-3.7800	28.730E-6
	4.00000	-6.00000	-8.50000	-19.046	-8.9310	-0.0084205	-4.1053	31.183E-6
	5.00000	-6.00000	-8.50000	-19.904	-8.9310	-0.0093129	-4.4047	33.445E-6
	6.00000	-6.00000	-8.50000	-20.714	-8.9310	-0.010027	-4.6723	35.470E-6
	7.00000	-6.00000	-8.50000	-21.468	-8.9310	-0.010579	-4.9063	37.244E-6
	8.00000	-6.00000	-8.50000	-22.162	-8.9310	-0.010995	-5.1082	38.777E-6
	9.00000	-6.00000	-8.50000	-22.794	-8.9310	-0.011307	-5.2807	40.089E-6
	10.00000	-6.00000	-8.50000	-23.365	-8.9310	-0.011540	-5.4271	41.204E-6
	11.00000	-6.00000	-8.50000	-23.875	-8.9310	-0.011715	-5.5507	42.147E-6
	12.00000	-6.00000	-8.50000	-24.325	-8.9310	-0.011846	-5.6544	42.938E-6
	13.00000	-6.00000	-8.50000	-24.717	-8.9310	-0.011945	-5.7407	43.598E-6
	14.00000	-6.00000	-8.50000	-25.053	-8.9310	-0.012020	-5.8118	44.141E-6
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	17.00000	-6.00000	-8.50000	-25.736	-8.9310	-0.012148	-5.9488	45.188E-6
	18.00000	-6.00000	-8.50000	-25.859	-8.9310	-0.012168	-5.9725	45.370E-6
	19.00000	-6.00000	-8.50000	-25.932	-8.9310	-0.012180	-5.9863	45.476E-6
	20.00000	-6.00000	-8.50000	-25.954	-8.9310	-0.012183	-5.9905	45.508E-6
	21.00000	-6.00000	-8.50000	-25.925	-8.9310	-0.012179	-5.9853	45.468E-6
	22.00000	-6.00000	-8.50000	-25.846	-8.9310	-0.012167	-5.9705	45.355E-6
	23.00000	-6.00000	-8.50000	-25.716	-8.9310	-0.012147	-5.9459	45.166E-6
	24.00000	-6.00000	-8.50000	-25.534	-8.9310	-0.012116	-5.9108	44.898E-6
	25.00000	-6.00000	-8.50000	-25.300	-8.9310	-0.012074	-5.8645	44.544E-6
	26.00000	-6.00000	-8.50000	-25.012	-8.9310	-0.012018	-5.8060	44.097E-6
	27.00000	-6.00000	-8.50000	-24.670	-8.9310	-0.011942	-5.7340	43.546E-6
	28.00000	-6.00000	-8.50000	-24.271	-8.9310	-0.011842	-5.6466	42.879E-6
	29.00000	-6.00000	-8.50000	-23.814	-8.9310	-0.011710	-5.5419	42.080E-6
	30.00000	-6.00000	-8.50000	-23.298	-8.9310	-0.011535	-5.4174	41.130E-6
	31.00000	-6.00000	-8.50000	-22.721	-8.9310	-0.011302	-5.2701	40.008E-6
	32.00000	-6.00000	-8.50000	-22.083	-8.9310	-0.010989	-5.0967	38.689E-6
	33.00000	-6.00000	-8.50000	-21.383	-8.9310	-0.010572	-4.8940	37.150E-6
	34.00000	-6.00000	-8.50000	-20.624	-8.9310	-0.010021	-4.6592	35.369E-6
	35.00000	-6.00000	-8.50000	-19.810	-8.9310	-0.0093059	-4.3910	33.339E-6
	36.00000	-6.00000	-8.50000	-18.947	-8.9310	-0.0084132	-4.0909	31.073E-6
	37.00000	-6.00000	-8.50000	-18.047	-8.9310	-0.0073607	-3.7651	28.616E-6
	38.00000	-6.00000	-8.50000	-17.123	-8.9310	-0.0062109	-3.4244	26.049E-6
	39.00000	-6.00000	-8.50000	-16.191	-8.9310	-0.0050608	-3.0829	23.475E-6
	40.00000	-6.00000	-8.50000	-15.267	-8.9310	-0.0040078	-2.7549	21.001E-6
	41.00000	-6.00000	-8.50000	-14.366	-8.9310	-0.0031142	-2.4511	18.707E-6
	42.00000	-6.00000	-8.50000	-13.498	-8.9310	-0.0023980	-2.1777	16.637E-6
	43.00000	-6.00000	-8.50000	-12.668	-8.9310	-0.0018447	-1.9361	14.805E-6
	44.00000	-6.00000	-8.50000	-11.883	-8.9310	-0.0014257	-1.7251	13.201E-6
	45.00000	-6.00000	-8.50000	-11.142	-8.9310	-0.0011108	-1.5416	11.805E-6
	46.00000	-6.00000	-8.50000	-10.445	-8.9310	-874.01E-6	-1.3824	10.591E-6
	47.00000	-6.00000	-8.50000	-9.7917	-8.9310	-694.95E-6	-1.2441	9.5361E-6
	48.00000	-6.00000	-8.50000	-9.1798	-8.9310	-558.41E-6	-1.1237	8.6160E-6
	49.00000	-6.00000	-8.50000	-8.6072	-8.9310	-453.26E-6	-1.0184	7.8112E-6
	50.00000	-6.00000	-8.50000	-8.0715	-8.9310	-371.44E-6	-0.92603	7.1045E-6
	51.00000	-6.00000	-8.50000	-7.5704	-8.9310	-307.12E-6	-0.84465	6.4816E-6
	52.00000	-6.00000	-8.50000	-7.1018	-8.9310	-256.04E-6	-0.77268	5.9305E-6
	53.00000	-6.00000	-8.50000	-6.6634	-8.9310	-215.09E-6	-0.70878	5.4410E-6
	54.00000	-6.00000	-8.50000	-6.2531	-8.9310	-181.96E-6	-0.65184	5.0046E-6
	55.00000	-6.00000	-8.50000	-5.8692	-8.9310	-154.94E-6	-0.60091	4.6142E-6
	56.00000	-6.00000	-8.50000	-5.5098	-8.9310	-132.71E-6	-0.55522	4.2638E-6
	57.00000	-6.00000	-8.50000	-5.1732	-8.9310	-114.31E-6	-0.51408	3.9483E-6
	58.00000	-6.00000	-8.50000	-4.8578	-8.9310	-98.953E-6	-0.47695	3.6634E-6
	59.00000	-6.00000	-8.50000	-4.5623	-8.9310	-86.068E-6	-0.44333	3.4054E-6
	60.00000	-6.00000	-8.50000	-4.2853	-8.9310	-75.190E-6	-0.41281	3.1712E-6
	-20.00000	-5.00000	-8.50000	-4.5010	-8.9310	-82.716E-6	-0.43595	3.3488E-6
	-19.00000	-5.00000	-8.50000	-4.7958	-8.9310	-94.953E-6	-0.46905	3.6029E-6
	-18.00000	-5.00000	-8.50000	-5.1107	-8.9310	-109.51E-6	-0.50562	3.8834E-6
	-17.00000	-5.00000	-8.50000	-5.4472	-8.9310	-126.92E-6	-0.54613	4.1942E-6
	-16.00000	-5.00000	-8.50000	-5.8071	-8.9310	-147.91E-6	-0.59115	4.5394E-6
	-15.00000	-5.00000	-8.50000	-6.1921	-8.9310	-173.41E-6	-0.64135	4.9243E-6
	-14.00000	-5.00000	-8.50000	-6.6040	-8.9310	-204.63E-6	-0.69752	5.3548E-6
	-13.00000	-5.00000	-8.50000	-7.0452	-8.9310	-243.22E-6	-0.76062	5.8383E-6
	-12.00000	-5.00000	-8.50000	-7.5179	-8.9310	-291.40E-6	-0.83181	6.3836E-6
	-11.00000	-5.00000	-8.50000	-8.0245	-8.9310	-352.20E-6	-0.91249	7.0013E-6
	-10.00000	-5.00000	-8.50000	-8.5679	-8.9310	-429.86E-6	-1.0044	7.7045E-6
	-9.00000	-5.00000	-8.50000	-9.1510	-8.9310	-530.33E-6	-1.1096	8.5091E-6
	-8.00000	-5.00000	-8.50000	-9.7770	-8.9310	-662.15E-6	-1.2308	9.4351E-6
	-7.00000	-5.00000	-8.50000	-10.449	-8.9310	-837.66E-6	-1.3712	10.507E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-6.00000	-5.00000	-8.50000	-11.171	-8.9310	-0.0010749	-1.5349	11.754E-6
	-5.00000	-5.00000	-8.50000	-11.945	-8.9310	-0.0014005	-1.7266	13.214E-6
	-4.00000	-5.00000	-8.50000	-12.776	-8.9310	-0.0018534	-1.9525	14.930E-6
	-3.00000	-5.00000	-8.50000	-13.664	-8.9310	-0.0024896	-2.2192	16.952E-6
	-2.00000	-5.00000	-8.50000	-14.610	-8.9310	-0.0033844	-2.5338	19.330E-6
	-1.00000	-5.00000	-8.50000	-15.612	-8.9310	-0.0046272	-2.9018	22.103E-6
	0.00000	-5.00000	-8.50000	-16.662	-8.9310	-0.0062927	-3.3244	25.276E-6
	1.00000	-5.00000	-8.50000	-17.747	-8.9310	-0.0083793	-3.7939	28.791E-6
	2.00000	-5.00000	-8.50000	-18.847	-8.9310	-0.010742	-4.2910	32.505E-6
	3.00000	-5.00000	-8.50000	-19.938	-8.9310	-0.013104	-4.7832	36.212E-6
	4.00000	-5.00000	-8.50000	-20.997	-8.9310	-0.015190	-5.2541	39.705E-6
	5.00000	-5.00000	-8.50000	-22.003	-8.9310	-0.016854	-5.6721	42.844E-6
	6.00000	-5.00000	-8.50000	-22.943	-8.9310	-0.018095	-6.0338	45.568E-6
	7.00000	-5.00000	-8.50000	-23.811	-8.9310	-0.018987	-6.3401	47.883E-6
	8.00000	-5.00000	-8.50000	-24.602	-8.9310	-0.019620	-6.5967	49.827E-6
	9.00000	-5.00000	-8.50000	-25.317	-8.9310	-0.020069	-6.8105	51.450E-6
	10.00000	-5.00000	-8.50000	-25.958	-8.9310	-0.020390	-6.9882	52.802E-6
	11.00000	-5.00000	-8.50000	-26.527	-8.9310	-0.020622	-7.1356	53.925E-6
	12.00000	-5.00000	-8.50000	-27.027	-8.9310	-0.020791	-7.2575	54.855E-6
	13.00000	-5.00000	-8.50000	-27.460	-8.9310	-0.020916	-7.3579	55.621E-6
	14.00000	-5.00000	-8.50000	-27.830	-8.9310	-0.021009	-7.4397	56.246E-6
	15.00000	-5.00000	-8.50000	-28.138	-8.9310	-0.021077	-7.5054	56.748E-6
	16.00000	-5.00000	-8.50000	-28.387	-8.9310	-0.021127	-7.5569	57.142E-6
	17.00000	-5.00000	-8.50000	-28.578	-8.9310	-0.021162	-7.5955	57.436E-6
	18.00000	-5.00000	-8.50000	-28.712	-8.9310	-0.021186	-7.6222	57.641E-6
	19.00000	-5.00000	-8.50000	-28.791	-8.9310	-0.021200	-7.6377	57.760E-6
	20.00000	-5.00000	-8.50000	-28.815	-8.9310	-0.021204	-7.6425	57.796E-6
	21.00000	-5.00000	-8.50000	-28.784	-8.9310	-0.021199	-7.6366	57.751E-6
	22.00000	-5.00000	-8.50000	-28.697	-8.9310	-0.021185	-7.6200	57.624E-6
	23.00000	-5.00000	-8.50000	-28.555	-8.9310	-0.021161	-7.5922	57.411E-6
	24.00000	-5.00000	-8.50000	-28.357	-8.9310	-0.021125	-7.5525	57.110E-6
	25.00000	-5.00000	-8.50000	-28.100	-8.9310	-0.021074	-7.5000	56.706E-6
	26.00000	-5.00000	-8.50000	-27.785	-8.9310	-0.021005	-7.4331	56.195E-6
	27.00000	-5.00000	-8.50000	-27.408	-8.9310	-0.020912	-7.3501	55.561E-6
	28.00000	-5.00000	-8.50000	-26.967	-8.9310	-0.020787	-7.2487	54.787E-6
	29.00000	-5.00000	-8.50000	-26.460	-8.9310	-0.020617	-7.1256	53.848E-6
	30.00000	-5.00000	-8.50000	-25.884	-8.9310	-0.020384	-6.9771	52.717E-6
	31.00000	-5.00000	-8.50000	-25.236	-8.9310	-0.020062	-6.7983	51.357E-6
	32.00000	-5.00000	-8.50000	-24.514	-8.9310	-0.019613	-6.5834	49.725E-6
	33.00000	-5.00000	-8.50000	-23.717	-8.9310	-0.018979	-6.3259	47.773E-6
	34.00000	-5.00000	-8.50000	-22.844	-8.9310	-0.018086	-6.0186	45.452E-6
	35.00000	-5.00000	-8.50000	-21.898	-8.9310	-0.016845	-5.6561	42.721E-6
	36.00000	-5.00000	-8.50000	-20.887	-8.9310	-0.015181	-5.2373	39.577E-6
	37.00000	-5.00000	-8.50000	-19.824	-8.9310	-0.013095	-4.7699	36.079E-6
	38.00000	-5.00000	-8.50000	-18.729	-8.9310	-0.010732	-4.2732	32.368E-6
	39.00000	-5.00000	-8.50000	-17.626	-8.9310	-0.0083695	-3.7758	28.651E-6
	40.00000	-5.00000	-8.50000	-16.540	-8.9310	-0.0062828	-3.3060	25.135E-6
	41.00000	-5.00000	-8.50000	-15.488	-8.9310	-0.0046174	-2.8834	21.961E-6
	42.00000	-5.00000	-8.50000	-14.486	-8.9310	-0.0033747	-2.5154	19.189E-6
	43.00000	-5.00000	-8.50000	-13.539	-8.9310	-0.0024802	-2.2010	16.813E-6
	44.00000	-5.00000	-8.50000	-12.652	-8.9310	-0.0018444	-1.9346	14.793E-6
	45.00000	-5.00000	-8.50000	-11.823	-8.9310	-0.0013918	-1.7092	13.080E-6
	46.00000	-5.00000	-8.50000	-11.050	-8.9310	-0.0010666	-1.5179	11.624E-6
	47.00000	-5.00000	-8.50000	-10.331	-8.9310	-829.86E-6	-1.3548	10.381E-6
	48.00000	-5.00000	-8.50000	-9.6613	-8.9310	-654.86E-6	-1.2151	9.3144E-6
	49.00000	-5.00000	-8.50000	-9.0385	-8.9310	-523.55E-6	-1.0946	8.3937E-6
	50.00000	-5.00000	-8.50000	-8.4589	-8.9310	-423.58E-6	-0.99006	7.5945E-6
	51.00000	-5.00000	-8.50000	-7.9192	-8.9310	-346.43E-6	-0.89890	6.8970E-6
	52.00000	-5.00000	-8.50000	-7.4164	-8.9310	-286.11E-6	-0.81896	6.2850E-6
	53.00000	-5.00000	-8.50000	-6.9478	-8.9310	-238.40E-6	-0.74852	5.7455E-6
	54.00000	-5.00000	-8.50000	-6.5107	-8.9310	-200.25E-6	-0.68615	5.2676E-6
	55.00000	-5.00000	-8.50000	-6.1029	-8.9310	-169.44E-6	-0.63070	4.8426E-6
	56.00000	-5.00000	-8.50000	-5.7221	-8.9310	-144.32E-6	-0.58119	4.4630E-6
	57.00000	-5.00000	-8.50000	-5.3663	-8.9310	-123.69E-6	-0.53684	4.1229E-6
	58.00000	-5.00000	-8.50000	-5.0338	-8.9310	-106.60E-6	-0.49697	3.8170E-6
	59.00000	-5.00000	-8.50000	-4.7228	-8.9310	-92.342E-6	-0.46100	3.5411E-6
	60.00000	-5.00000	-8.50000	-4.4319	-8.9310	-80.374E-6	-0.42847	3.2914E-6
	-20.00000	-4.00000	-8.50000	-4.6514	-8.9310	-88.372E-6	-0.45238	3.4750E-6
	-19.00000	-4.00000	-8.50000	-4.9607	-8.9310	-101.81E-6	-0.48765	3.7455E-6
	-18.00000	-4.00000	-8.50000	-5.2918	-8.9310	-117.87E-6	-0.52673	4.0454E-6
	-17.00000	-4.00000	-8.50000	-5.6464	-8.9310	-137.20E-6	-0.57018	4.3786E-6
	-16.00000	-4.00000	-8.50000	-6.0263	-8.9310	-160.66E-6	-0.61866	4.7504E-6
	-15.00000	-4.00000	-8.50000	-6.4337	-8.9310	-189.35E-6	-0.67295	5.1666E-6
	-14.00000	-4.00000	-8.50000	-6.8708	-8.9310	-224.79E-6	-0.73401	5.6345E-6
	-13.00000	-4.00000	-8.50000	-7.3403	-8.9310	-269.02E-6	-0.80299	6.1630E-6
	-12.00000	-4.00000	-8.50000	-7.8448	-8.9310	-324.84E-6	-0.88131	6.7627E-6
	-11.00000	-4.00000	-8.50000	-8.3876	-8.9310	-396.20E-6	-0.97072	7.4471E-6
	-10.00000	-4.00000	-8.50000	-8.9721	-8.9310	-488.74E-6	-1.0734	8.2327E-6
	-9.00000	-4.00000	-8.50000	-9.6022	-8.9310	-610.66E-6	-1.1922	9.1405E-6
	-8.00000	-4.00000	-8.50000	-10.282	-8.9310	-774.11E-6	-1.3306	10.197E-6
	-7.00000	-4.00000	-8.50000	-11.017	-8.9310	-997.58E-6	-1.4932	11.438E-6
	-6.00000	-4.00000	-8.50000	-11.811	-8.9310	-0.0013097	-1.6859	12.905E-6
	-5.00000	-4.00000	-8.50000	-12.670	-8.9310	-0.0017557	-1.9166	14.658E-6
	-4.00000	-4.00000	-8.50000	-13.600	-8.9310	-0.0024086	-2.1952	16.771E-6
	-3.00000	-4.00000	-8.50000	-14.605	-8.9310	-0.0033861	-2.5348	19.338E-6
	-2.00000	-4.00000	-8.50000	-15.691	-8.9310	-0.0048754	-2.9511	22.470E-6
	-1.00000	-4.00000	-8.50000	-16.856	-8.9310	-0.0071522	-3.4609	26.286E-6
	0.00000	-4.00000	-8.50000	-18.096	-8.9310	-0.010547	-4.0765	30.863E-6
	1.00000	-4.00000	-8.50000	-19.394	-8.9310	-0.015245	-4.7929	36.156E-6
	2.00000	-4.00000	-8.50000	-20.722	-8.9310	-0.020910	-5.5740	41.902E-6
	3.00000	-4.00000	-8.50000	-22.040	-8.9310	-0.026575	-6.3542	47.641E-6
	4.00000	-4.00000	-8.50000	-23.311	-8.9310	-0.031272	-7.0677	52.911E-6
	5.00000	-4.00000	-8.50000	-24.505	-8.9310	-0.034665	-7.6784	57.451E-6
	6.00000	-4.00000	-8.50000	-25.606	-8.9310	-0.036940	-8.1813	61.214E-6
	7.00000	-4.00000	-8.50000	-26.608	-8.9310	-0.038426	-8.5888	64.279E-6
	8.00000	-4.00000	-8.50000	-27.512	-8.9310	-0.039400	-8.9175	66.762E-6
	9.00000	-4.00000	-8.50000	-28.321	-8.9310	-0.040048	-9.1832	68.775E-6
	10.00000	-4.00000	-8.50000	-29.039	-8.9310	-0.040489	-9.3987	70.412E-6
	11.00000	-4.00000	-8.50000	-29.673	-8.9310	-0.040795	-9.5741	71.747E-6
	12.00000	-4.00000	-8.50000	-30.226	-8.9310	-0.041012	-9.7169	72.836E-6
	13.00000	-4.00000	-8.50000	-30.703	-8.9310	-0.041168	-9.8330	73.722E-6
	14.00000	-4.00000	-8.50000	-31.109	-8.9310	-0.041281	-9.9268	74.437E-6
	15.00000	-4.00000	-8.50000	-31.447	-8.9310	-0.041363	-10.002	75.008E-6
	16.00000	-4.00000	-8.50000	-31.718	-8.9310	-0.041422	-10.060	75.453E-6
	17.00000	-4.00000	-8.50000	-31.926	-8.9310	-0.041464	-10.103	75.784E-6
	18.00000	-4.00000	-8.50000	-32.073	-8.9310	-0.041492	-10.133	76.013E-6
	19.00000	-4.00000	-8.50000	-32.158	-8.9310	-0.041507	-10.150	76.146E-6
	20.00000	-4.00000	-8.50000	-32.184	-8.9310	-0.041512	-10.156	76.187E-6
	21.00000	-4.00000	-8

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	54.00000	-4.00000	-8.50000	-6.7698	-8.9310	-219.64E-6	-0.72132	5.5372E-6
	55.00000	-4.00000	-8.50000	-6.3374	-8.9310	-184.71E-6	-0.66110	5.0757E-6
	56.00000	-4.00000	-8.50000	-5.9348	-8.9310	-156.48E-6	-0.60763	4.6657E-6
	57.00000	-4.00000	-8.50000	-5.5595	-8.9310	-133.46E-6	-0.55992	4.2999E-6
	58.00000	-4.00000	-8.50000	-5.2095	-8.9310	-114.52E-6	-0.51721	3.9723E-6
	59.00000	-4.00000	-8.50000	-4.8828	-8.9310	-98.821E-6	-0.47883	3.6779E-6
	60.00000	-4.00000	-8.50000	-4.5778	-8.9310	-85.708E-6	-0.44422	3.4124E-6
	-20.00000	-3.00000	-8.50000	-4.8008	-8.9310	-94.189E-6	-0.46890	3.6017E-6
	-19.00000	-3.00000	-8.50000	-5.1248	-8.9310	-108.88E-6	-0.50637	3.8892E-6
	-18.00000	-3.00000	-8.50000	-5.4722	-8.9310	-126.52E-6	-0.54803	4.2088E-6
	-17.00000	-3.00000	-8.50000	-5.8450	-8.9310	-147.88E-6	-0.59452	4.5653E-6
	-16.00000	-3.00000	-8.50000	-6.2453	-8.9310	-173.96E-6	-0.64658	4.9645E-6
	-15.00000	-3.00000	-8.50000	-6.6756	-8.9310	-206.08E-6	-0.70514	5.4134E-6
	-14.00000	-3.00000	-8.50000	-7.1384	-8.9310	-246.05E-6	-0.77131	5.9204E-6
	-13.00000	-3.00000	-8.50000	-7.6369	-8.9310	-296.39E-6	-0.84647	6.4961E-6
	-12.00000	-3.00000	-8.50000	-8.1744	-8.9310	-360.58E-6	-0.93232	7.1534E-6
	-11.00000	-3.00000	-8.50000	-8.7546	-8.9310	-443.66E-6	-1.0310	7.9088E-6
	-10.00000	-3.00000	-8.50000	-9.3818	-8.9310	-552.94E-6	-1.1454	8.7830E-6
	-9.00000	-3.00000	-8.50000	-10.061	-8.9310	-699.42E-6	-1.2789	9.8030E-6
	-8.00000	-3.00000	-8.50000	-10.798	-8.9310	-899.98E-6	-1.4363	11.004E-6
	-7.00000	-3.00000	-8.50000	-11.598	-8.9310	-0.0011814	-1.6238	12.433E-6
	-6.00000	-3.00000	-8.50000	-12.470	-8.9310	-0.0015874	-1.8499	14.154E-6
	-5.00000	-3.00000	-8.50000	-13.422	-8.9310	-0.0021924	-2.1265	16.253E-6
	-4.00000	-3.00000	-8.50000	-14.462	-8.9310	-0.0031272	-2.4701	18.852E-6
	-3.00000	-3.00000	-8.50000	-15.602	-8.9310	-0.0046314	-2.9043	22.122E-6
	-2.00000	-3.00000	-8.50000	-16.851	-8.9310	-0.0071547	-3.4624	26.298E-6
	-1.00000	-3.00000	-8.50000	-18.218	-8.9310	-0.011540	-4.1895	31.687E-6
	0.00000	-3.00000	-8.50000	-19.703	-8.9310	-0.019221	-5.1369	38.619E-6
	1.00000	-3.00000	-8.50000	-21.292	-8.9310	-0.031862	-6.3324	47.230E-6
	2.00000	-3.00000	-8.50000	-22.941	-8.9310	-0.049089	-7.7126	57.049E-6
	3.00000	-3.00000	-8.50000	-24.580	-8.9310	-0.0666315	-9.0917	66.859E-6
	4.00000	-3.00000	-8.50000	-26.140	-8.9310	-0.078955	-10.284	75.446E-6
	5.00000	-3.00000	-8.50000	-27.577	-8.9310	-0.086635	-11.226	82.337E-6
	6.00000	-3.00000	-8.50000	-28.876	-8.9310	-0.091017	-11.946	87.669E-6
	7.00000	-3.00000	-8.50000	-30.038	-8.9310	-0.093537	-12.494	91.772E-6
	8.00000	-3.00000	-8.50000	-31.070	-8.9310	-0.095037	-12.917	94.952E-6
	9.00000	-3.00000	-8.50000	-31.983	-8.9310	-0.095966	-13.247	97.444E-6
	10.00000	-3.00000	-8.50000	-32.787	-8.9310	-0.096565	-13.507	99.419E-6
	11.00000	-3.00000	-8.50000	-33.490	-8.9310	-0.096965	-13.714	101.00E-6
	12.00000	-3.00000	-8.50000	-34.101	-8.9310	-0.097239	-13.881	102.26E-6
	13.00000	-3.00000	-8.50000	-34.625	-8.9310	-0.097431	-14.014	103.28E-6
	14.00000	-3.00000	-8.50000	-35.069	-8.9310	-0.097567	-14.121	104.11E-6
	15.00000	-3.00000	-8.50000	-35.437	-8.9310	-0.097665	-14.206	104.74E-6
	16.00000	-3.00000	-8.50000	-35.732	-8.9310	-0.097735	-14.271	105.24E-6
	17.00000	-3.00000	-8.50000	-35.958	-8.9310	-0.097783	-14.319	105.61E-6
	18.00000	-3.00000	-8.50000	-36.117	-8.9310	-0.097815	-14.353	105.87E-6
	19.00000	-3.00000	-8.50000	-36.209	-8.9310	-0.097834	-14.372	106.01E-6
	20.00000	-3.00000	-8.50000	-36.237	-8.9310	-0.097839	-14.378	106.06E-6
	21.00000	-3.00000	-8.50000	-36.200	-8.9310	-0.097833	-14.371	106.00E-6
	22.00000	-3.00000	-8.50000	-36.099	-8.9310	-0.097814	-14.350	105.85E-6
	23.00000	-3.00000	-8.50000	-35.931	-8.9310	-0.097781	-14.315	105.58E-6
	24.00000	-3.00000	-8.50000	-35.696	-8.9310	-0.097732	-14.265	105.20E-6
	25.00000	-3.00000	-8.50000	-35.392	-8.9310	-0.097661	-14.198	104.69E-6
	26.00000	-3.00000	-8.50000	-35.015	-8.9310	-0.097562	-14.113	104.03E-6
	27.00000	-3.00000	-8.50000	-34.562	-8.9310	-0.097425	-14.004	103.20E-6
	28.00000	-3.00000	-8.50000	-34.029	-8.9310	-0.097232	-13.869	102.17E-6
	29.00000	-3.00000	-8.50000	-33.409	-8.9310	-0.096957	-13.701	100.89E-6
	30.00000	-3.00000	-8.50000	-32.697	-8.9310	-0.096557	-13.492	99.305E-6
	31.00000	-3.00000	-8.50000	-31.884	-8.9310	-0.095956	-13.230	97.319E-6
	32.00000	-3.00000	-8.50000	-30.963	-8.9310	-0.095026	-12.899	94.815E-6
	33.00000	-3.00000	-8.50000	-29.922	-8.9310	-0.093525	-12.475	91.624E-6
	34.00000	-3.00000	-8.50000	-28.753	-8.9310	-0.091004	-11.925	87.511E-6
	35.00000	-3.00000	-8.50000	-27.447	-8.9310	-0.086621	-11.204	82.170E-6
	36.00000	-3.00000	-8.50000	-26.004	-8.9310	-0.078941	-10.261	75.271E-6
	37.00000	-3.00000	-8.50000	-24.439	-8.9310	-0.066300	-9.0679	66.677E-6
	38.00000	-3.00000	-8.50000	-22.795	-8.9310	-0.049073	-7.6881	56.861E-6
	39.00000	-3.00000	-8.50000	-21.142	-8.9310	-0.031847	-6.3075	47.038E-6
	40.00000	-3.00000	-8.50000	-19.551	-8.9310	-0.019205	-5.1117	38.426E-6
	41.00000	-3.00000	-8.50000	-18.064	-8.9310	-0.011524	-4.1643	31.494E-6
	42.00000	-3.00000	-8.50000	-16.697	-8.9310	-0.0071394	-3.4374	26.106E-6
	43.00000	-3.00000	-8.50000	-15.448	-8.9310	-0.0046165	-2.8796	21.933E-6
	44.00000	-3.00000	-8.50000	-14.310	-8.9310	-0.0031130	-2.4460	18.667E-6
	45.00000	-3.00000	-8.50000	-13.272	-8.9310	-0.0021789	-2.1030	16.073E-6
	46.00000	-3.00000	-8.50000	-12.323	-8.9310	-0.0015747	-1.8273	13.980E-6
	47.00000	-3.00000	-8.50000	-11.455	-8.9310	-0.0011696	-1.6021	12.267E-6
	48.00000	-3.00000	-8.50000	-10.658	-8.9310	-889.05E-6	-1.4156	10.846E-6
	49.00000	-3.00000	-8.50000	-9.9258	-8.9310	-689.38E-6	-1.2593	9.6526E-6
	50.00000	-3.00000	-8.50000	-9.2514	-8.9310	-543.77E-6	-1.1269	8.6410E-6
	51.00000	-3.00000	-8.50000	-8.6292	-8.9310	-435.32E-6	-1.0136	7.7752E-6
	52.00000	-3.00000	-8.50000	-8.0543	-8.9310	-353.05E-6	-0.91601	7.0283E-6
	53.00000	-3.00000	-8.50000	-7.5222	-8.9310	-289.60E-6	-0.83123	6.3792E-6
	54.00000	-3.00000	-8.50000	-7.0292	-8.9310	-239.97E-6	-0.75712	5.8115E-6
	55.00000	-3.00000	-8.50000	-6.5717	-8.9310	-200.63E-6	-0.69195	5.3122E-6
	56.00000	-3.00000	-8.50000	-6.1468	-8.9310	-169.10E-6	-0.63435	4.8707E-6
	57.00000	-3.00000	-8.50000	-5.7517	-8.9310	-143.56E-6	-0.58320	4.4785E-6
	58.00000	-3.00000	-8.50000	-5.3841	-8.9310	-122.68E-6	-0.53757	4.1285E-6
	59.00000	-3.00000	-8.50000	-5.0416	-8.9310	-105.46E-6	-0.49672	3.8151E-6
	60.00000	-3.00000	-8.50000	-4.7224	-8.9310	-91.157E-6	-0.46000	3.5334E-6
	-20.00000	-2.00000	-8.50000	-4.9485	-8.9310	-100.13E-6	-0.48541	3.7284E-6
	-19.00000	-2.00000	-8.50000	-5.2872	-8.9310	-116.12E-6	-0.52513	4.0332E-6
	-18.00000	-2.00000	-8.50000	-5.6510	-8.9310	-135.42E-6	-0.56943	4.3729E-6
	-17.00000	-2.00000	-8.50000	-6.0422	-8.9310	-158.90E-6	-0.61902	4.7532E-6
	-16.00000	-2.00000	-8.50000	-6.4631	-8.9310	-187.71E-6	-0.67476	5.1806E-6
	-15.00000	-2.00000	-8.50000	-6.9165	-8.9310	-223.44E-6	-0.73772	5.6631E-6
	-14.00000	-2.00000	-8.50000	-7.4055	-8.9310	-268.23E-6	-0.80918	6.2106E-6
	-13.00000	-2.00000	-8.50000	-7.9335	-8.9310	-325.08E-6	-0.89076	6.8354E-6
	-12.00000	-2.00000	-8.50000	-8.5046	-8.9310	-398.27E-6	-0.98449	7.5529E-6
	-11.00000	-2.00000	-8.50000	-9.1231	-8.9310	-494.05E-6	-1.0930	8.3828E-6
	-10.00000	-2.00000	-8.50000	-9.7945	-8.9310	-621.72E-6	-1.2196	9.3508E-6
	-9.00000	-2.00000	-8.50000	-10.525	-8.9310	-795.56E-6	-1.3689	10.491E-6
	-8.00000	-2.00000	-8.50000	-11.321	-8.9310	-0.0010381	-1.5468	11.847E-6
	-7.00000	-2.00000	-8.50000	-12.191	-8.9310	-0.0013871	-1.7616	13.484E-6
	-6.00000	-2.00000	-8.50000	-13.145	-8.9310	-0.0019062	-2.0251	15.486E-6
	-5.00000	-2.00000	-8.50000	-14.196	-8.9310	-0.0027112	-2.3546	17.983E-6
	-4.00000	-2.00000	-8.50000	-15.357	-8.9310	-0.0040240	-2.7757	21.161E-6
	-3.00000	-2.00000	-8.50000	-16.647	-8.9310	-0.0063002	-3.3290	25.311E-6
	-2.00000	-2.00000	-8.50000	-18.086	-8.9310	-0.010553	-4.0801	30.891E-6
	-1.00000	-2.00000	-8.50000	-19.698	-8.9310	-0.019225	-5.1391	38.633E-6
	0.00000	-2.00000	-8.50000	-21.506	-8.9310	-0.038507	-6.6862	49.643E-6
	1.00000	-2.00000	-8.50000	-23.511	-8.9310	-0.082196	-8.9550	65.076E-6
	2.00000	-2.00000	-8.50000	-25.657	-8.9310	-0.16086	-11.942	84.414E-6
	3.00000	-2.00000	-8.50000	-27.793	-8.9310	-0.23953	-14.927	103.74E-6
	4.00000	-2.00000	-8.50000	-29.768	-8.9310	-0.28322	-17.192	119.15E-6
	5.00000	-2.00000	-8.50000	-31.525	-8.9310	-0.30250	-18.734	130.11E-6
	6.00000	-2.00000	-8.50000	-33.066	-8.9310	-0.31116	-19.784	137.79E-6
	7.00000	-2.00000	-8.50000	-34.413	-8.9310	-0.31541	-20.525	143.30E-6
	8.00000	-2.00000	-8.50000	-35.590	-8.9310	-0.31768	-21.066	147.35E-6
	9.00000	-2.00000	-8.50000	-36.617	-8.9310	-0.31899	-21.472	150.41E-6
	10.00000	-2.00000	-8.50000	-37.513	-8.9310	-0.31979	-21.784	152.77E-6
	11.00000	-2.00000	-8.50000	-38.291	-8.9310	-0.32030	-22.027	154.62E-6
	12.00000	-2.00000	-8.50000	-38.961	-8.9310	-0.32064	-22.220	156.08E-6
	13.00000	-2.00000	-8.50000	-39.535	-8.9310	-0.32087	-22.372	157.25E-6
	14.00000	-2.00000	-8.50000	-40.018	-8.9310	-0.32104	-22.493	158.17E-6
	15.00000	-2.00000	-8.50000	-40.417	-8.9310	-0.32115	-22.587	158.89E-6
	16.00000	-2.00000	-8.50000	-40.737	-8.9310	-0.32123	-22.660	159.45E-6
	17.00000	-2.00000	-8.50000	-40.981	-8.9310	-0.32129	-22.714	159.86E-6
	18.00000	-2.00000	-8.50000	-41.152	-8.9310	-0.32133	-22.751	160.14E-6
	19.00000	-2.00000	-8.50000	-41.252	-8.9310	-0.32135	-22.773	160.30E-6
	20.00000	-2.00000	-8.50000	-41.282	-8.9310	-0.32135	-22.779	160.35E-6
	21.00000	-2.00000	-8.50000	-41.242	-8.9310	-0.32134	-22.771	160.29E-6
	22.00000	-2.00000	-8.50000	-41.132	-8.9310	-0.32132	-22.748	160.12E-6
	23.00000	-2.00000	-8.50000	-40.952	-8.9310	-0.32129	-22.709	159.82E-6
	24.00000	-2.00000	-8.50000	-40.698	-8.9310	-0.32123	-22.654	159.40E-6
	25.00000	-2.00000	-8.50000	-40.368	-8.9310	-0.32115	-22.579	158.83E-6
	26.00000	-2.00000	-8.50000	-39.959	-8.9310	-0.32103	-22.483	158.09E-6
	27.00000	-2.00000	-8.50000	-39.465	-8.9310	-0.32087	-22.360	157.16E-6
	28.00000	-2.00000	-8.50000	-38.882	-8.9310	-0.32063	-22.206	155.98E-6
	29.00000	-2.00000	-8.50000	-38.201	-8.9310	-0.32029	-22.012	154.51E-6
	30.00000	-2.00000	-8.50000	-37.413	-8.9310	-0.31978	-21.767	152.64E-6
	31.00000	-2.00000	-8.50000	-36.508	-8.9310	-0.31898	-21.453	150.27E-6
	32.00000	-2.00000	-8.50000	-35.470	-8.9310	-0.31767	-21.045	147.19E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	33.00000	-2.00000	-8.50000	-34.284	-8.9310	-0.31540	-20.503	143.12E-6
	34.00000	-2.00000	-8.50000	-32.928	-8.9310	-0.31115	-19.760	137.61E-6
	35.00000	-2.00000	-8.50000	-31.380	-8.9310	-0.30248	-18.708	129.92E-6
	36.00000	-2.00000	-8.50000	-29.616	-8.9310	-0.28320	-17.165	118.94E-6
	37.00000	-2.00000	-8.50000	-27.635	-8.9310	-0.23951	-14.899	103.53E-6
	38.00000	-2.00000	-8.50000	-25.494	-8.9310	-0.16084	-11.913	84.192E-6
	39.00000	-2.00000	-8.50000	-23.344	-8.9310	-0.082176	-8.9255	64.850E-6
	40.00000	-2.00000	-8.50000	-21.335	-8.9310	-0.038487	-6.6564	49.415E-6
	41.00000	-2.00000	-8.50000	-19.527	-8.9310	-0.019205	-5.1093	38.407E-6
	42.00000	-2.00000	-8.50000	-17.914	-8.9310	-0.010533	-4.0506	30.665E-6
	43.00000	-2.00000	-8.50000	-16.476	-8.9310	-0.0062814	-3.3000	25.089E-6
	44.00000	-2.00000	-8.50000	-15.188	-8.9310	-0.0040060	-2.7474	20.944E-6
	45.00000	-2.00000	-8.50000	-14.029	-8.9310	-0.0026942	-2.3272	17.773E-6
	46.00000	-2.00000	-8.50000	-12.982	-8.9310	-0.0018903	-1.9989	15.285E-6
	47.00000	-2.00000	-8.50000	-12.032	-8.9310	-0.0013724	-1.7365	13.291E-6
	48.00000	-2.00000	-8.50000	-11.167	-8.9310	-0.0010248	-1.5229	11.665E-6
	49.00000	-2.00000	-8.50000	-10.376	-8.9310	-783.25E-6	-1.3464	10.318E-6
	50.00000	-2.00000	-8.50000	-9.6516	-8.9310	-610.55E-6	-1.1985	9.1888E-6
	51.00000	-2.00000	-8.50000	-8.9863	-8.9310	-483.98E-6	-1.0732	8.2312E-6
	52.00000	-2.00000	-8.50000	-8.3739	-8.9310	-389.24E-6	-0.96605	7.4115E-6
	53.00000	-2.00000	-8.50000	-7.8091	-8.9310	-317.00E-6	-0.87362	6.7039E-6
	54.00000	-2.00000	-8.50000	-7.2873	-8.9310	-261.03E-6	-0.79329	6.0887E-6
	55.00000	-2.00000	-8.50000	-6.8045	-8.9310	-217.05E-6	-0.72302	5.5504E-6
	56.00000	-2.00000	-8.50000	-6.3571	-8.9310	-182.05E-6	-0.66120	5.0766E-6
	57.00000	-2.00000	-8.50000	-5.9421	-8.9310	-153.88E-6	-0.60652	4.6573E-6
	58.00000	-2.00000	-8.50000	-5.5567	-8.9310	-130.99E-6	-0.55793	4.2847E-6
	59.00000	-2.00000	-8.50000	-5.1984	-8.9310	-112.21E-6	-0.51456	3.9520E-6
	60.00000	-2.00000	-8.50000	-4.8650	-8.9310	-96.680E-6	-0.47570	3.6539E-6
	-20.00000	-1.00000	-8.50000	-5.0937	-8.9310	-106.16E-6	-0.50182	3.8544E-6
	-19.00000	-1.00000	-8.50000	-5.4471	-8.9310	-123.48E-6	-0.54382	4.1766E-6
	-18.00000	-1.00000	-8.50000	-5.8274	-8.9310	-144.49E-6	-0.59079	4.5368E-6
	-17.00000	-1.00000	-8.50000	-6.2369	-8.9310	-170.15E-6	-0.64354	4.9413E-6
	-16.00000	-1.00000	-8.50000	-6.6785	-8.9310	-201.81E-6	-0.70303	5.3974E-6
	-15.00000	-1.00000	-8.50000	-7.1552	-8.9310	-241.29E-6	-0.77047	5.9142E-6
	-14.00000	-1.00000	-8.50000	-7.6705	-8.9310	-291.09E-6	-0.84735	6.5031E-6
	-13.00000	-1.00000	-8.50000	-8.2284	-8.9310	-354.77E-6	-0.93553	7.1783E-6
	-12.00000	-1.00000	-8.50000	-8.8335	-8.9310	-437.44E-6	-1.0374	7.9578E-6
	-11.00000	-1.00000	-8.50000	-9.4910	-8.9310	-546.68E-6	-1.1560	8.8650E-6
	-10.00000	-1.00000	-8.50000	-10.207	-8.9310	-693.97E-6	-1.2955	9.9307E-6
	-9.00000	-1.00000	-8.50000	-10.989	-8.9310	-897.34E-6	-1.4612	11.196E-6
	-8.00000	-1.00000	-8.50000	-11.846	-8.9310	-0.0011861	-1.6607	12.717E-6
	-7.00000	-1.00000	-8.50000	-12.788	-8.9310	-0.0016100	-1.9048	14.574E-6
	-6.00000	-1.00000	-8.50000	-13.829	-8.9310	-0.0022580	-2.2088	16.883E-6
	-5.00000	-1.00000	-8.50000	-14.984	-8.9310	-0.0032993	-2.5967	19.818E-6
	-4.00000	-1.00000	-8.50000	-16.274	-8.9310	-0.0050814	-3.1061	23.653E-6
	-3.00000	-1.00000	-8.50000	-17.727	-8.9310	-0.0083916	-3.8013	28.847E-6
	-2.00000	-1.00000	-8.50000	-19.380	-8.9310	-0.015256	-4.7996	36.207E-6
	-1.00000	-1.00000	-8.50000	-21.283	-8.9310	-0.031871	-6.3377	47.270E-6
	0.00000	-1.00000	-8.50000	-23.507	-8.9310	-0.082201	-8.9581	65.099E-6
	1.00000	-1.00000	-8.50000	-26.143	-8.9310	-0.28792	-14.041	94.698E-6
	2.00000	-1.00000	-8.50000	-29.198	-8.9310	-1.1068	-23.817	132.10E-6
	3.00000	-1.00000	-8.50000	-32.242	-8.9310	-1.9257	-33.592	169.48E-6
	4.00000	-1.00000	-8.50000	-34.846	-8.9310	-2.1315	-38.672	199.05E-6
	5.00000	-1.00000	-8.50000	-37.017	-8.9310	-2.1818	-41.286	216.83E-6
	6.00000	-1.00000	-8.50000	-38.844	-8.9310	-2.1984	-42.815	227.83E-6
	7.00000	-1.00000	-8.50000	-40.400	-8.9310	-2.2053	-43.802	235.10E-6
	8.00000	-1.00000	-8.50000	-41.735	-8.9310	-2.2086	-44.483	240.19E-6
	9.00000	-1.00000	-8.50000	-42.885	-8.9310	-2.2103	-44.976	243.90E-6
	10.00000	-1.00000	-8.50000	-43.877	-8.9310	-2.2114	-45.345	246.69E-6
	11.00000	-1.00000	-8.50000	-44.731	-8.9310	-2.2120	-45.628	248.83E-6
	12.00000	-1.00000	-8.50000	-45.464	-8.9310	-2.2124	-45.848	250.50E-6
	13.00000	-1.00000	-8.50000	-46.088	-8.9310	-2.2127	-46.020	251.82E-6
	14.00000	-1.00000	-8.50000	-46.611	-8.9310	-2.2129	-46.155	252.85E-6
	15.00000	-1.00000	-8.50000	-47.043	-8.9310	-2.2130	-46.261	253.65E-6
	16.00000	-1.00000	-8.50000	-47.387	-8.9310	-2.2131	-46.341	254.27E-6
	17.00000	-1.00000	-8.50000	-47.650	-8.9310	-2.2132	-46.401	254.72E-6
	18.00000	-1.00000	-8.50000	-47.834	-8.9310	-2.2132	-46.441	255.03E-6
	19.00000	-1.00000	-8.50000	-47.941	-8.9310	-2.2133	-46.465	255.21E-6
	20.00000	-1.00000	-8.50000	-47.973	-8.9310	-2.2133	-46.472	255.27E-6
	21.00000	-1.00000	-8.50000	-47.930	-8.9310	-2.2133	-46.463	255.20E-6
	22.00000	-1.00000	-8.50000	-47.812	-8.9310	-2.2132	-46.438	255.00E-6
	23.00000	-1.00000	-8.50000	-47.618	-8.9310	-2.2132	-46.395	254.68E-6
	24.00000	-1.00000	-8.50000	-47.345	-8.9310	-2.2131	-46.334	254.21E-6
	25.00000	-1.00000	-8.50000	-46.989	-8.9310	-2.2130	-46.251	253.58E-6
	26.00000	-1.00000	-8.50000	-46.547	-8.9310	-2.2129	-46.144	252.76E-6
	27.00000	-1.00000	-8.50000	-46.012	-8.9310	-2.2127	-46.007	251.71E-6
	28.00000	-1.00000	-8.50000	-45.377	-8.9310	-2.2124	-45.832	250.39E-6
	29.00000	-1.00000	-8.50000	-44.632	-8.9310	-2.2120	-45.610	248.70E-6
	30.00000	-1.00000	-8.50000	-43.766	-8.9310	-2.2114	-45.325	246.54E-6
	31.00000	-1.00000	-8.50000	-42.763	-8.9310	-2.2103	-44.954	243.73E-6
	32.00000	-1.00000	-8.50000	-41.602	-8.9310	-2.2086	-44.459	240.00E-6
	33.00000	-1.00000	-8.50000	-40.256	-8.9310	-2.2052	-43.775	234.90E-6
	34.00000	-1.00000	-8.50000	-38.691	-8.9310	-2.1984	-42.786	227.61E-6
	35.00000	-1.00000	-8.50000	-36.854	-8.9310	-2.1818	-41.255	216.60E-6
	36.00000	-1.00000	-8.50000	-34.675	-8.9310	-2.1314	-38.640	198.81E-6
	37.00000	-1.00000	-8.50000	-32.064	-8.9310	-1.9257	-33.559	169.23E-6
	38.00000	-1.00000	-8.50000	-29.014	-8.9310	-1.1068	-23.783	131.83E-6
	39.00000	-1.00000	-8.50000	-25.955	-8.9310	-0.28789	-14.006	94.429E-6
	40.00000	-1.00000	-8.50000	-23.316	-8.9310	-0.082175	-8.9227	64.828E-6
	41.00000	-1.00000	-8.50000	-21.090	-8.9310	-0.031845	-6.3024	46.999E-6
	42.00000	-1.00000	-8.50000	-19.187	-8.9310	-0.015231	-4.7646	35.939E-6
	43.00000	-1.00000	-8.50000	-17.536	-8.9310	-0.0083673	-3.7671	28.585E-6
	44.00000	-1.00000	-8.50000	-16.085	-8.9310	-0.0050584	-3.0729	23.398E-6
	45.00000	-1.00000	-8.50000	-14.798	-8.9310	-0.0032778	-2.5646	19.572E-6
	46.00000	-1.00000	-8.50000	-13.648	-8.9310	-0.0022380	-2.1782	16.648E-6
	47.00000	-1.00000	-8.50000	-12.613	-8.9310	-0.0015916	-1.8756	14.351E-6
	48.00000	-1.00000	-8.50000	-11.676	-8.9310	-0.0011693	-1.6332	12.506E-6
	49.00000	-1.00000	-8.50000	-10.826	-8.9310	-882.16E-6	-1.4353	10.998E-6
	50.00000	-1.00000	-8.50000	-10.051	-8.9310	-680.32E-6	-1.2713	9.7454E-6
	51.00000	-1.00000	-8.50000	-9.3415	-8.9310	-534.47E-6	-1.1335	8.6925E-6
	52.00000	-1.00000	-8.50000	-8.6911	-8.9310	-426.57E-6	-1.0165	7.7978E-6
	53.00000	-1.00000	-8.50000	-8.0933	-8.9310	-345.13E-6	-0.91622	7.0303E-6
	54.00000	-1.00000	-8.50000	-7.5426	-8.9310	-282.57E-6	-0.82954	6.3666E-6
	55.00000	-1.00000	-8.50000	-7.0344	-8.9310	-233.77E-6	-0.75408	5.7885E-6
	56.00000	-1.00000	-8.50000	-6.5646	-8.9310	-195.20E-6	-0.68798	5.2819E-6
	57.00000	-1.00000	-8.50000	-6.1297	-8.9310	-164.34E-6	-0.62973	4.8353E-6
	58.00000	-1.00000	-8.50000	-5.7266	-8.9310	-139.38E-6	-0.57814	4.4398E-6
	59.00000	-1.00000	-8.50000	-5.3525	-8.9310	-119.01E-6	-0.53224	4.0877E-6
	60.00000	-1.00000	-8.50000	-5.0050	-8.9310	-102.23E-6	-0.49124	3.7731E-6
	-20.00000	0.00000	-8.50000	-5.2358	-8.9310	-112.23E-6	-0.51805	3.9789E-6
	-19.00000	0.00000	-8.50000	-5.6038	-8.9310	-130.92E-6	-0.56233

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	12.00000	0.00000	-8.50000	-56.955	-8.9310	-79.999	-187.93	-0.0022461
	13.00000	0.00000	-8.50000	-57.629	-8.9310	-79.999	-188.12	-0.0022446
	14.00000	0.00000	-8.50000	-58.193	-8.9310	-79.999	-188.27	-0.0022435
	15.00000	0.00000	-8.50000	-58.656	-8.9310	-79.999	-188.39	-0.0022426
	16.00000	0.00000	-8.50000	-59.026	-8.9310	-79.999	-188.48	-0.0022419
	17.00000	0.00000	-8.50000	-59.307	-8.9310	-79.999	-188.54	-0.0022414
	18.00000	0.00000	-8.50000	-59.503	-8.9310	-79.999	-188.59	-0.0022411
	19.00000	0.00000	-8.50000	-59.618	-8.9310	-79.999	-188.61	-0.0022409
	20.00000	0.00000	-8.50000	-59.652	-8.9310	-79.999	-188.62	-0.0022408
	21.00000	0.00000	-8.50000	-59.607	-8.9310	-79.999	-188.61	-0.0022409
	22.00000	0.00000	-8.50000	-59.480	-8.9310	-79.999	-188.58	-0.0022411
	23.00000	0.00000	-8.50000	-59.272	-8.9310	-79.999	-188.54	-0.0022415
	24.00000	0.00000	-8.50000	-58.979	-8.9310	-79.999	-188.47	-0.0022420
	25.00000	0.00000	-8.50000	-58.598	-8.9310	-79.999	-188.38	-0.0022427
	26.00000	0.00000	-8.50000	-58.122	-8.9310	-79.999	-188.26	-0.0022436
	27.00000	0.00000	-8.50000	-57.545	-8.9310	-79.999	-188.11	-0.0022447
	28.00000	0.00000	-8.50000	-56.858	-8.9310	-79.999	-187.91	-0.0022462
	29.00000	0.00000	-8.50000	-56.049	-8.9310	-79.998	-187.66	-0.0022481
	30.00000	0.00000	-8.50000	-55.103	-8.9310	-79.997	-187.34	-0.0022506
	31.00000	0.00000	-8.50000	-53.999	-8.9310	-79.996	-186.91	-0.0022539
	32.00000	0.00000	-8.50000	-52.710	-8.9310	-79.994	-186.32	-0.0022583
	33.00000	0.00000	-8.50000	-51.199	-8.9310	-79.989	-185.48	-0.0022645
	34.00000	0.00000	-8.50000	-49.409	-8.9310	-79.979	-184.20	-0.0022738
	35.00000	0.00000	-8.50000	-47.253	-8.9310	-79.951	-182.08	-0.0022889
	36.00000	0.00000	-8.50000	-44.579	-8.9310	-79.839	-177.85	-0.0023162
	37.00000	0.00000	-8.50000	-41.060	-8.9310	-78.893	-165.98	-0.0023639
	38.00000	0.00000	-8.50000	-35.026	-8.9310	-40.000	-94.882	-0.0011160
	39.00000	0.00000	-8.50000	-28.983	-8.9310	-1.1068	-23.780	131.81E-6
	40.00000	0.00000	-8.50000	-25.435	-8.9310	-0.16084	-11.907	84.146E-6
	41.00000	0.00000	-8.50000	-22.712	-8.9310	-0.049071	-7.6798	56.797E-6
	42.00000	0.00000	-8.50000	-20.488	-8.9310	-0.020895	-5.9430	41.664E-6
	43.00000	0.00000	-8.50000	-18.609	-8.9310	-0.010729	-4.2615	32.278E-6
	44.00000	0.00000	-8.50000	-16.988	-8.9310	-0.0062076	-3.4114	25.949E-6
	45.00000	0.00000	-8.50000	-15.569	-8.9310	-0.0039007	-2.8088	21.421E-6
	46.00000	0.00000	-8.50000	-14.312	-8.9310	-0.0026037	-2.3612	18.038E-6
	47.00000	0.00000	-8.50000	-13.190	-8.9310	-0.0018197	-2.0168	15.426E-6
	48.00000	0.00000	-8.50000	-12.182	-8.9310	-0.0013186	-1.7446	13.356E-6
	49.00000	0.00000	-8.50000	-11.272	-8.9310	-983.66E-6	-1.5248	11.681E-6
	50.00000	0.00000	-8.50000	-10.445	-8.9310	-751.57E-6	-1.3443	10.304E-6
	51.00000	0.00000	-8.50000	-9.6921	-8.9310	-585.83E-6	-1.1938	9.1539E-6
	52.00000	0.00000	-8.50000	-9.0038	-8.9310	-464.43E-6	-1.0669	8.1832E-6
	53.00000	0.00000	-8.50000	-8.3730	-8.9310	-373.57E-6	-0.95863	7.3551E-6
	54.00000	0.00000	-8.50000	-7.7935	-8.9310	-304.29E-6	-0.86556	6.6426E-6
	55.00000	0.00000	-8.50000	-7.2600	-8.9310	-250.60E-6	-0.78489	6.0246E-6
	56.00000	0.00000	-8.50000	-6.7679	-8.9310	-208.40E-6	-0.71448	5.4851E-6
	57.00000	0.00000	-8.50000	-6.3133	-8.9310	-174.81E-6	-0.65266	5.0112E-6
	58.00000	0.00000	-8.50000	-5.8927	-8.9310	-147.78E-6	-0.59808	4.5927E-6
	59.00000	0.00000	-8.50000	-5.5030	-8.9310	-125.80E-6	-0.54966	4.2214E-6
	60.00000	0.00000	-8.50000	-5.1416	-8.9310	-107.77E-6	-0.50652	3.8904E-6
	-20.00000	1.00000	-8.50000	-5.3740	-8.9310	-118.30E-6	-0.53400	4.1013E-6
	-19.00000	1.00000	-8.50000	-5.7563	-8.9310	-138.36E-6	-0.58055	4.4584E-6
	-18.00000	1.00000	-8.50000	-6.1690	-8.9310	-162.85E-6	-0.63289	4.8597E-6
	-17.00000	1.00000	-8.50000	-6.6149	-8.9310	-193.02E-6	-0.69198	5.3128E-6
	-16.00000	1.00000	-8.50000	-7.0975	-8.9310	-230.54E-6	-0.75905	5.8268E-6
	-15.00000	1.00000	-8.50000	-7.6204	-8.9310	-277.74E-6	-0.83557	6.4132E-6
	-14.00000	1.00000	-8.50000	-8.1881	-8.9310	-337.90E-6	-0.92344	7.0861E-6
	-13.00000	1.00000	-8.50000	-8.8056	-8.9310	-415.70E-6	-1.0250	7.8638E-6
	-12.00000	1.00000	-8.50000	-9.4787	-8.9310	-518.00E-6	-1.1434	8.7698E-6
	-11.00000	1.00000	-8.50000	-10.214	-8.9310	-655.18E-6	-1.2828	9.8348E-6
	-10.00000	1.00000	-8.50000	-11.021	-8.9310	-843.33E-6	-1.4485	11.100E-6
	-9.00000	1.00000	-8.50000	-11.908	-8.9310	-0.0011084	-1.6481	12.623E-6
	-8.00000	1.00000	-8.50000	-12.888	-8.9310	-0.0014940	-1.8923	14.484E-6
	-7.00000	1.00000	-8.50000	-13.976	-8.9310	-0.0020771	-2.1969	16.799E-6
	-6.00000	1.00000	-8.50000	-15.191	-8.9310	-0.0030018	-2.5856	19.746E-6
	-5.00000	1.00000	-8.50000	-16.560	-8.9310	-0.0045593	-3.0968	23.606E-6
	-4.00000	1.00000	-8.50000	-18.117	-8.9310	-0.0073954	-3.7958	28.851E-6
	-3.00000	1.00000	-8.50000	-19.912	-8.9310	-0.013132	-4.8035	36.335E-6
	-2.00000	1.00000	-8.50000	-22.020	-8.9310	-0.026603	-6.3703	47.764E-6
	-1.00000	1.00000	-8.50000	-24.566	-8.9310	-0.066342	-9.1069	66.975E-6
	0.00000	1.00000	-8.50000	-27.783	-8.9310	-0.23955	-14.940	103.84E-6
	1.00000	1.00000	-8.50000	-32.236	-8.9310	-1.9258	-33.603	169.56E-6
	2.00000	1.00000	-8.50000	-41.258	-8.9310	-78.893	-166.03	-0.0023635
	3.00000	1.00000	-8.50000	-50.268	-8.9310	-155.86	-298.45	-0.0048966
	4.00000	1.00000	-8.50000	-54.685	-8.9310	-157.55	-317.11	-0.0048309
	5.00000	1.00000	-8.50000	-57.842	-8.9310	-157.72	-322.94	-0.0047941
	6.00000	1.00000	-8.50000	-60.304	-8.9310	-157.76	-325.66	-0.0047750
	7.00000	1.00000	-8.50000	-62.304	-8.9310	-157.77	-327.22	-0.0047637
	8.00000	1.00000	-8.50000	-63.967	-8.9310	-157.78	-328.21	-0.0047563
	9.00000	1.00000	-8.50000	-65.368	-8.9310	-157.78	-328.89	-0.0047512
	10.00000	1.00000	-8.50000	-66.557	-8.9310	-157.78	-329.37	-0.0047475
	11.00000	1.00000	-8.50000	-67.568	-8.9310	-157.78	-329.74	-0.0047448
	12.00000	1.00000	-8.50000	-68.426	-8.9310	-157.78	-330.01	-0.0047427
	13.00000	1.00000	-8.50000	-69.151	-8.9310	-157.79	-330.23	-0.0047411
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	15.00000	1.00000	-8.50000	-70.250	-8.9310	-157.79	-330.52	-0.0047388
	16.00000	1.00000	-8.50000	-70.644	-8.9310	-157.79	-330.61	-0.0047381
	17.00000	1.00000	-8.50000	-70.943	-8.9310	-157.79	-330.69	-0.0047376
	18.00000	1.00000	-8.50000	-71.152	-8.9310	-157.79	-330.73	-0.0047372
	19.00000	1.00000	-8.50000	-71.274	-8.9310	-157.79	-330.76	-0.0047370
	20.00000	1.00000	-8.50000	-71.310	-8.9310	-157.79	-330.77	-0.0047369
	21.00000	1.00000	-8.50000	-71.262	-8.9310	-157.79	-330.76	-0.0047370
	22.00000	1.00000	-8.50000	-71.127	-8.9310	-157.79	-330.73	-0.0047372
	23.00000	1.00000	-8.50000	-70.906	-8.9310	-157.79	-330.68	-0.0047376
	24.00000	1.00000	-8.50000	-70.594	-8.9310	-157.79	-330.61	-0.0047382
	25.00000	1.00000	-8.50000	-70.186	-8.9310	-157.79	-330.51	-0.0047389
	26.00000	1.00000	-8.50000	-69.678	-8.9310	-157.79	-330.38	-0.0047399
	27.00000	1.00000	-8.50000	-69.059	-8.9310	-157.78	-330.21	-0.0047412
	28.00000	1.00000	-8.50000	-68.321	-8.9310	-157.78	-329.99	-0.0047429
	29.00000	1.00000	-8.50000	-67.448	-8.9310	-157.78	-329.71	-0.0047450
	30.00000	1.00000	-8.50000	-66.422	-8.9310	-157.78	-329.35	-0.0047478
	31.00000	1.00000	-8.50000	-65.218	-8.9310	-157.78	-328.85	-0.0047515
	32.00000	1.00000	-8.50000	-63.802	-8.9310	-157.78	-328.17	-0.0047566
	33.00000	1.00000	-8.50000	-62.124	-8.9310	-157.77	-327.18	-0.0047640
	34.00000	1.00000	-8.50000	-60.110	-8.9310	-157.76	-325.62	-0.0047753
	35.00000	1.00000	-8.50000	-57.636	-8.9310	-157.72	-322.89	-0.0047945
	36.00000	1.00000	-8.50000	-54.468	-8.9310	-157.55	-317.07	-0.0048313
	37.00000	1.00000	-8.50000	-50.042	-8.9310	-155.86	-298.41	-0.0048970
	38.00000	1.00000	-8.50000	-41.024	-8.9310	-78.893	-165.98	-0.0023639
	39.00000	1.00000	-8.50000	-31.997	-8.9310	-1.9257	-33.552	169.17E-6
	40.00000	1.00000	-8.50000	-27.540	-8.9310	-0.23951	-14.889	103.45E-6
	41.00000	1.00000	-8.50000	-24.321	-8.9310	-0.066297	-9.0558	66.585E-6
	42.00000	1.00000	-8.50000	-21.776	-8.9310	-0.026559	-6.3201	47.380E-6
	43.00000	1.00000	-8.50000	-19.671	-8.9310	-0.013091	-4.7547	35.962E-6
	44.00000	1.00000	-8.50000	-17.880	-8.9310	-0.0073565	-3.7488	28.491E-6
	45.00000	1.00000	-8.50000	-16.329	-8.9310	-0.0045234	-3.0520	23.263E-6
	46.00000	1.00000	-8.50000	-14.967	-8.9310	-0.0029691	-2.5432	19.421E-6
	47.00000	1.00000	-8.50000	-13.759	-8.9310	-0.0020475	-2.1570	16.494E-6
	48.00000	1.00000	-8.50000	-12.680	-8.9310	-0.0014676	-1.8551	14.199E-6
	49.00000	1.00000	-8.50000	-11.709	-8.9310	-0.0010850	-1.6135	12.359E-6
	50.00000	1.00000	-8.50000	-10.832	-8.9310	-822.63E-6	-1.4165	10.856E-6
	51.00000	1.00000	-8.50000	-10.035	-8.9310	-637.01E-6	-1.2534	9.6100E-6
	52.00000	1.00000	-8.50000	-9.3096	-8.9310	-502.12E-6	-1.1165	8.5636E-6
	53.00000	1.00000	-8.50000	-8.6463	-8.9310	-401.86E-6	-1.0004	7.6754E-6
	54.00000	1.00000	-8.50000	-8.0384	-8.9310	-325.88E-6	-0.90101	6.9142E-6
	55.00000	1.00000	-8.50000	-7.4799	-8.9310	-267.31E-6	-0.81516	6.2567E-6
	56.00000	1.00000	-8.50000	-6.9659	-8.9310	-221.50E-6	-0.74050	5.6846E-6
	57.00000	1.00000	-8.50000	-6.4919	-8.9310	-185.19E-6	-0.67514	5.1836E-6
	58.00000	1.00000	-8.50000	-6.0541	-8.9310	-156.09E-6	-0.61760	4.7425E-6
	59.00000	1.00000	-8.50000	-5.6491	-8.9310	-132.51E-6	-0.56669	4.3521E-6
	60.00000	1.00000	-8.50000	-5.2741	-8.9310	-113.23E-6	-0.52144	4.0049E-6
	-20.00000	2.00000	-8.50000	-5.5076	-8.9310	-124.32E-6	-0.54956	4.2207E-6
	-19.00000	2.00000	-8.50000	-5.9040	-8.9310	-145.77E-6	-0.59837	4.5950E-6
	-18.00000	2.00000	-8.50000	-6.3324	-8.9310	-172.01E-6	-0.65335	5.0167E-6
	-17.00000	2.00000	-8.50000	-6.7960	-8.9310	-204.43E-6	-0.71559	5.4938E-6
	-16.00000	2.00000	-8.50000	-7.2985	-8.9310	-244.90E-6	-0.78641	6.0366E-6
	-15.00000	2.00000	-8.50000	-7.8441	-8.9310	-295.98E-6	-0.86744	6.6574E-6
	-14.00000	2.00000	-8.50000	-8.4374	-8.9310	-361.33E-6	-0.96076	7.3720E-6
	-13.00000	2.00000	-8.50000	-9.0840	-8.9310	-446.18E-6	-1.0690	8.2006E-6
	-12.00000	2.00000	-8.50000	-9.7905	-8.9310	-558.25E-6	-1.1956	9.1693E-6
	-11.00000	2.00000	-8.50000	-10.564	-8.9310	-709.25E-6	-1.3452	10.313E-6
	-10.00000	2.00000	-8.50000	-11.415	-8.9310	-917.48E-6	-1.5239	11.677E-6

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-9.00000	2.00000	-8.50000	-12.354	-8.9310	-0.0012126	-1.7402	13.327E-6
	-8.00000	2.00000	-8.50000	-13.394	-8.9310	-0.0016450	-2.0063	15.354E-6
	-7.00000	2.00000	-8.50000	-14.553	-8.9310	-0.0023038	-2.3403	17.892E-6
	-6.00000	2.00000	-8.50000	-15.854	-8.9310	-0.0033584	-2.7698	21.146E-6
	-5.00000	2.00000	-8.50000	-17.327	-8.9310	-0.0051530	-3.3398	25.447E-6
	-4.00000	2.00000	-8.50000	-19.012	-8.9310	-0.0084593	-4.1273	31.351E-6
	-3.00000	2.00000	-8.50000	-20.970	-8.9310	-0.015231	-5.2771	39.881E-6
	-2.00000	2.00000	-8.50000	-23.290	-8.9310	-0.031315	-7.0911	53.090E-6
	-1.00000	2.00000	-8.50000	-26.125	-8.9310	-0.078997	-10.307	75.620E-6
	0.00000	2.00000	-8.50000	-29.758	-8.9310	-0.28326	-17.214	119.31E-6
	1.00000	2.00000	-8.50000	-34.839	-8.9310	-2.1315	-38.690	199.19E-6
	2.00000	2.00000	-8.50000	-44.768	-8.9310	-79.839	-177.91	-0.0023158
	3.00000	2.00000	-8.50000	-54.683	-8.9310	-157.55	-317.12	-0.0048309
	4.00000	2.00000	-8.50000	-59.726	-8.9310	-159.39	-338.59	-0.0047510
	5.00000	2.00000	-8.50000	-63.295	-8.9310	-159.60	-345.49	-0.0047074
	6.00000	2.00000	-8.50000	-66.041	-8.9310	-159.65	-348.69	-0.0046850
	7.00000	2.00000	-8.50000	-68.247	-8.9310	-159.66	-350.49	-0.0046719
	8.00000	2.00000	-8.50000	-70.065	-8.9310	-159.67	-351.62	-0.0046635
	9.00000	2.00000	-8.50000	-71.586	-8.9310	-159.67	-352.39	-0.0046578
	10.00000	2.00000	-8.50000	-72.869	-8.9310	-159.67	-352.93	-0.0046537
	11.00000	2.00000	-8.50000	-73.955	-8.9310	-159.68	-353.33	-0.0046506
	12.00000	2.00000	-8.50000	-74.873	-8.9310	-159.68	-353.64	-0.0046483
	13.00000	2.00000	-8.50000	-75.646	-8.9310	-159.68	-353.87	-0.0046466
	14.00000	2.00000	-8.50000	-76.289	-8.9310	-159.68	-354.05	-0.0046452
	15.00000	2.00000	-8.50000	-76.814	-8.9310	-159.68	-354.18	-0.0046441
	16.00000	2.00000	-8.50000	-77.232	-8.9310	-159.68	-354.29	-0.0046433
	17.00000	2.00000	-8.50000	-77.549	-8.9310	-159.68	-354.36	-0.0046428
	18.00000	2.00000	-8.50000	-77.770	-8.9310	-159.68	-354.42	-0.0046424
	19.00000	2.00000	-8.50000	-77.899	-8.9310	-159.68	-354.45	-0.0046422
	20.00000	2.00000	-8.50000	-77.937	-8.9310	-159.68	-354.45	-0.0046421
	21.00000	2.00000	-8.50000	-77.886	-8.9310	-159.68	-354.44	-0.0046422
	22.00000	2.00000	-8.50000	-77.744	-8.9310	-159.68	-354.41	-0.0046424
	23.00000	2.00000	-8.50000	-77.509	-8.9310	-159.68	-354.36	-0.0046428
	24.00000	2.00000	-8.50000	-77.178	-8.9310	-159.68	-354.28	-0.0046434
	25.00000	2.00000	-8.50000	-76.746	-8.9310	-159.68	-354.17	-0.0046442
	26.00000	2.00000	-8.50000	-76.205	-8.9310	-159.68	-354.03	-0.0046453
	27.00000	2.00000	-8.50000	-75.546	-8.9310	-159.68	-353.85	-0.0046467
	28.00000	2.00000	-8.50000	-74.757	-8.9310	-159.68	-353.61	-0.0046485
	29.00000	2.00000	-8.50000	-73.822	-8.9310	-159.68	-353.30	-0.0046508
	30.00000	2.00000	-8.50000	-72.719	-8.9310	-159.67	-352.90	-0.0046539
	31.00000	2.00000	-8.50000	-71.418	-8.9310	-159.67	-352.35	-0.0046581
	32.00000	2.00000	-8.50000	-69.880	-8.9310	-159.67	-351.58	-0.0046638
	33.00000	2.00000	-8.50000	-68.045	-8.9310	-159.66	-350.44	-0.0046722
	34.00000	2.00000	-8.50000	-65.823	-8.9310	-159.65	-348.64	-0.0046854
	35.00000	2.00000	-8.50000	-63.063	-8.9310	-159.60	-345.44	-0.0047078
	36.00000	2.00000	-8.50000	-59.480	-8.9310	-159.39	-338.53	-0.0047515
	37.00000	2.00000	-8.50000	-54.426	-8.9310	-157.55	-317.06	-0.0048313
	38.00000	2.00000	-8.50000	-44.502	-8.9310	-79.839	-177.84	-0.0023163
	39.00000	2.00000	-8.50000	-34.567	-8.9310	-2.1314	-38.628	198.72E-6
	40.00000	2.00000	-8.50000	-29.482	-8.9310	-0.28319	-17.151	118.83E-6
	41.00000	2.00000	-8.50000	-25.847	-8.9310	-0.078936	-10.245	75.145E-6
	42.00000	2.00000	-8.50000	-23.014	-8.9310	-0.031256	-7.0303	52.624E-6
	43.00000	2.00000	-8.50000	-20.697	-8.9310	-0.015175	-5.2182	39.430E-6
	44.00000	2.00000	-8.50000	-18.745	-8.9310	-0.0084079	-4.0709	30.919E-6
	45.00000	2.00000	-8.50000	-17.067	-8.9310	-0.0051060	-3.2862	25.037E-6
	46.00000	2.00000	-8.50000	-15.603	-8.9310	-0.0033159	-2.7195	20.761E-6
	47.00000	2.00000	-8.50000	-14.312	-8.9310	-0.0022660	-2.2933	17.532E-6
	48.00000	2.00000	-8.50000	-13.164	-8.9310	-0.0016115	-1.9628	15.020E-6
	49.00000	2.00000	-8.50000	-12.135	-8.9310	-0.0011832	-1.7000	13.020E-6
	50.00000	2.00000	-8.50000	-11.208	-8.9310	-891.81E-6	-1.4871	11.395E-6
	51.00000	2.00000	-8.50000	-10.369	-8.9310	-686.96E-6	-1.3116	10.055E-6
	52.00000	2.00000	-8.50000	-9.6063	-8.9310	-538.97E-6	-1.1650	8.9348E-6
	53.00000	2.00000	-8.50000	-8.9112	-8.9310	-429.55E-6	-1.0412	7.9877E-6
	54.00000	2.00000	-8.50000	-8.2755	-8.9310	-347.02E-6	-0.93557	7.1790E-6
	55.00000	2.00000	-8.50000	-7.6928	-8.9310	-283.68E-6	-0.84465	6.4827E-6
	56.00000	2.00000	-8.50000	-7.1574	-8.9310	-234.33E-6	-0.76581	5.8787E-6
	57.00000	2.00000	-8.50000	-6.6645	-8.9310	-195.36E-6	-0.69700	5.3512E-6
	58.00000	2.00000	-8.50000	-6.2099	-8.9310	-164.23E-6	-0.63657	4.8880E-6
	59.00000	2.00000	-8.50000	-5.7901	-8.9310	-139.08E-6	-0.58322	4.4789E-6
	60.00000	2.00000	-8.50000	-5.4017	-8.9310	-118.57E-6	-0.53590	4.1159E-6
	-20.00000	3.00000	-8.50000	-5.6358	-8.9310	-130.26E-6	-0.56465	4.3364E-6
	-19.00000	3.00000	-8.50000	-6.0458	-8.9310	-153.07E-6	-0.61566	4.7276E-6
	-18.00000	3.00000	-8.50000	-6.4895	-8.9310	-181.05E-6	-0.67324	5.1692E-6
	-17.00000	3.00000	-8.50000	-6.9704	-8.9310	-215.72E-6	-0.73857	5.6700E-6
	-16.00000	3.00000	-8.50000	-7.4923	-8.9310	-259.09E-6	-0.81307	6.2410E-6
	-15.00000	3.00000	-8.50000	-8.0599	-8.9310	-314.01E-6	-0.89853	6.8957E-6
	-14.00000	3.00000	-8.50000	-8.6782	-8.9310	-384.47E-6	-0.99720	7.6513E-6
	-13.00000	3.00000	-8.50000	-9.3533	-8.9310	-476.22E-6	-1.1120	8.5297E-6
	-12.00000	3.00000	-8.50000	-10.092	-8.9310	-597.80E-6	-1.2466	9.5598E-6
	-11.00000	3.00000	-8.50000	-10.904	-8.9310	-762.15E-6	-1.4062	10.779E-6
	-10.00000	3.00000	-8.50000	-11.797	-8.9310	-989.57E-6	-1.5974	12.239E-6
	-9.00000	3.00000	-8.50000	-12.786	-8.9310	-0.0013131	-1.8298	14.012E-6
	-8.00000	3.00000	-8.50000	-13.884	-8.9310	-0.0017888	-2.1169	16.197E-6
	-7.00000	3.00000	-8.50000	-15.112	-8.9310	-0.0025165	-2.4787	18.946E-6
	-6.00000	3.00000	-8.50000	-16.495	-8.9310	-0.0036857	-2.9461	22.487E-6
	-5.00000	3.00000	-8.50000	-18.065	-8.9310	-0.0056822	-3.5694	27.188E-6
	-4.00000	3.00000	-8.50000	-19.870	-8.9310	-0.0093682	-4.4350	33.675E-6
	-3.00000	3.00000	-8.50000	-21.977	-8.9310	-0.016914	-5.7043	43.089E-6
	-2.00000	3.00000	-8.50000	-24.486	-8.9310	-0.034728	-7.7117	57.704E-6
	-1.00000	3.00000	-8.50000	-27.564	-8.9310	-0.086699	-11.259	82.590E-6
	0.00000	3.00000	-8.50000	-31.516	-8.9310	-0.30256	-18.766	130.36E-6
	1.00000	3.00000	-8.50000	-37.011	-8.9310	-2.1819	-41.315	217.06E-6
	2.00000	3.00000	-8.50000	-47.433	-8.9310	-79.951	-182.14	-0.0022885
	3.00000	3.00000	-8.50000	-57.841	-8.9310	-157.72	-322.96	-0.0047940
	4.00000	3.00000	-8.50000	-63.295	-8.9310	-159.60	-345.50	-0.0047073
	5.00000	3.00000	-8.50000	-67.178	-8.9310	-159.82	-352.99	-0.0046597
	6.00000	3.00000	-8.50000	-70.161	-8.9310	-159.87	-356.53	-0.0046349
	7.00000	3.00000	-8.50000	-72.548	-8.9310	-159.88	-358.52	-0.0046204
	8.00000	3.00000	-8.50000	-74.506	-8.9310	-159.89	-359.76	-0.0046112
	9.00000	3.00000	-8.50000	-76.137	-8.9310	-159.90	-360.60	-0.0046049
	10.00000	3.00000	-8.50000	-77.508	-8.9310	-159.90	-361.20	-0.0046004
	11.00000	3.00000	-8.50000	-78.664	-8.9310	-159.90	-361.64	-0.0045971
	12.00000	3.00000	-8.50000	-79.639	-8.9310	-159.90	-361.97	-0.0045946
	13.00000	3.00000	-8.50000	-80.458	-8.9310	-159.90	-362.22	-0.0045927
	14.00000	3.00000	-8.50000	-81.137	-8.9310	-159.90	-362.41	-0.0045912
	15.00000	3.00000	-8.50000	-81.692	-8.9310	-159.90	-362.55	-0.0045901
	16.00000	3.00000	-8.50000	-82.133	-8.9310	-159.90	-362.67	-0.0045892
	17.00000	3.00000	-8.50000	-82.466	-8.9310	-159.90	-362.75	-0.0045886
	18.00000	3.00000	-8.50000	-82.699	-8.9310	-159.90	-362.80	-0.0045882
	19.00000	3.00000	-8.50000	-82.835	-8.9310	-159.90	-362.83	-0.0045880
	20.00000	3.00000	-8.50000	-82.875	-8.9310	-159.90	-362.84	-0.0045879
	21.00000	3.00000	-8.50000	-82.821	-8.9310	-159.90	-362.83	-0.0045880
	22.00000	3.00000	-8.50000	-82.671	-8.9310	-159.90	-362.80	-0.0045882
	23.00000	3.00000	-8.50000	-82.424	-8.9310	-159.90	-362.74	-0.0045887
	24.00000	3.00000	-8.50000	-82.075	-8.9310	-159.90	-362.65	-0.0045893
	25.00000	3.00000	-8.50000	-81.618	-8.9310	-159.90	-362.54	-0.0045902
	26.00000	3.00000	-8.50000	-81.046	-8.9310	-159.90	-362.

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	51.00000	3.00000	-8.50000	-10.689	-8.9310	-734.73E-6	-1.3676	10.484E-6
	52.00000	3.00000	-8.50000	-9.8915	-8.9310	-574.35E-6	-1.2118	9.2928E-6
	53.00000	3.00000	-8.50000	-9.1657	-8.9310	-456.22E-6	-1.0806	8.2890E-6
	54.00000	3.00000	-8.50000	-8.5033	-8.9310	-367.43E-6	-0.96891	7.4345E-6
	55.00000	3.00000	-8.50000	-7.8971	-8.9310	-299.51E-6	-0.87310	6.7007E-6
	56.00000	3.00000	-8.50000	-7.3410	-8.9310	-246.75E-6	-0.79023	6.0659E-6
	57.00000	3.00000	-8.50000	-6.8299	-8.9310	-205.21E-6	-0.71806	5.5128E-6
	58.00000	3.00000	-8.50000	-6.3592	-8.9310	-172.11E-6	-0.65483	5.0281E-6
	59.00000	3.00000	-8.50000	-5.9250	-8.9310	-145.44E-6	-0.59913	4.6009E-6
	60.00000	3.00000	-8.50000	-5.5239	-8.9310	-123.75E-6	-0.54981	4.2226E-6
-20.00000	4.00000	-8.50000	-5.7580	-8.9310	-136.07E-6	-0.57916	4.4478E-6
-19.00000	4.00000	-8.50000	-6.1811	-8.9310	-160.22E-6	-0.63231	4.8554E-6
-18.00000	4.00000	-8.50000	-6.6395	-8.9310	-189.92E-6	-0.69243	5.3164E-6
-17.00000	4.00000	-8.50000	-7.1370	-8.9310	-226.78E-6	-0.76077	5.8402E-6
-16.00000	4.00000	-8.50000	-7.6777	-8.9310	-273.02E-6	-0.83886	6.4386E-6
-15.00000	4.00000	-8.50000	-8.2665	-8.9310	-331.69E-6	-0.92863	7.1263E-6
-14.00000	4.00000	-8.50000	-8.9089	-8.9310	-407.12E-6	-1.0325	7.9217E-6
-13.00000	4.00000	-8.50000	-9.6115	-8.9310	-505.57E-6	-1.1536	8.8486E-6
-12.00000	4.00000	-8.50000	-10.382	-8.9310	-636.29E-6	-1.2961	9.9380E-6
-11.00000	4.00000	-8.50000	-11.229	-8.9310	-813.34E-6	-1.4652	11.231E-6
-10.00000	4.00000	-8.50000	-12.164	-8.9310	-0.0010588	-1.6685	12.783E-6
-9.00000	4.00000	-8.50000	-13.200	-8.9310	-0.0014084	-1.9162	14.671E-6
-8.00000	4.00000	-8.50000	-14.355	-8.9310	-0.0019231	-2.2229	17.006E-6
-7.00000	4.00000	-8.50000	-15.648	-8.9310	-0.0027112	-2.6103	19.949E-6
-6.00000	4.00000	-8.50000	-17.107	-8.9310	-0.0039769	-3.1120	23.749E-6
-5.00000	4.00000	-8.50000	-18.768	-8.9310	-0.0061354	-3.7821	28.803E-6
-4.00000	4.00000	-8.50000	-20.683	-8.9310	-0.0010107	-4.7135	35.783E-6
-3.00000	4.00000	-8.50000	-22.921	-8.9310	-0.018182	-6.0782	45.906E-6
-2.00000	4.00000	-8.50000	-25.591	-8.9310	-0.037033	-8.2280	61.569E-6
-1.00000	4.00000	-8.50000	-28.867	-8.9310	-0.091115	-11.993	88.031E-6
0.00000	4.00000	-8.50000	-33.062	-8.9310	-0.31126	-19.831	138.15E-6
1.00000	4.00000	-8.50000	-38.843	-8.9310	-2.1985	-42.859	228.17E-6
2.00000	4.00000	-8.50000	-49.581	-8.9310	-79.979	-184.28	-0.0022733
3.00000	4.00000	-8.50000	-60.304	-8.9310	-157.76	-325.70	-0.0047747
4.00000	4.00000	-8.50000	-66.041	-8.9310	-159.65	-348.72	-0.0046848
5.00000	4.00000	-8.50000	-70.161	-8.9310	-159.87	-356.54	-0.0046348
6.00000	4.00000	-8.50000	-73.335	-8.9310	-159.92	-360.29	-0.0046084
7.00000	4.00000	-8.50000	-75.874	-8.9310	-159.94	-362.42	-0.0045929
8.00000	4.00000	-8.50000	-77.954	-8.9310	-159.95	-363.76	-0.0045830
9.00000	4.00000	-8.50000	-79.683	-8.9310	-159.95	-364.66	-0.0045763
10.00000	4.00000	-8.50000	-81.133	-8.9310	-159.95	-365.30	-0.0045714
11.00000	4.00000	-8.50000	-82.354	-8.9310	-159.96	-365.77	-0.0045679
12.00000	4.00000	-8.50000	-83.381	-8.9310	-159.96	-366.12	-0.0045652
13.00000	4.00000	-8.50000	-84.242	-8.9310	-159.96	-366.38	-0.0045632
14.00000	4.00000	-8.50000	-84.956	-8.9310	-159.96	-366.59	-0.0045617
15.00000	4.00000	-8.50000	-85.538	-8.9310	-159.96	-366.74	-0.0045605
16.00000	4.00000	-8.50000	-86.000	-8.9310	-159.96	-366.86	-0.0045596
17.00000	4.00000	-8.50000	-86.349	-8.9310	-159.96	-366.95	-0.0045589
18.00000	4.00000	-8.50000	-86.593	-8.9310	-159.96	-367.00	-0.0045585
19.00000	4.00000	-8.50000	-86.735	-8.9310	-159.96	-367.04	-0.0045582
20.00000	4.00000	-8.50000	-86.777	-8.9310	-159.96	-367.05	-0.0045582
21.00000	4.00000	-8.50000	-86.720	-8.9310	-159.96	-367.03	-0.0045583
22.00000	4.00000	-8.50000	-86.563	-8.9310	-159.96	-367.00	-0.0045585
23.00000	4.00000	-8.50000	-86.304	-8.9310	-159.96	-366.94	-0.0045590
24.00000	4.00000	-8.50000	-85.938	-8.9310	-159.96	-366.85	-0.0045597
25.00000	4.00000	-8.50000	-85.459	-8.9310	-159.96	-366.72	-0.0045606
26.00000	4.00000	-8.50000	-84.858	-8.9310	-159.96	-366.56	-0.0045618
27.00000	4.00000	-8.50000	-84.124	-8.9310	-159.96	-366.36	-0.0045634
28.00000	4.00000	-8.50000	-83.242	-8.9310	-159.96	-366.08	-0.0045655
29.00000	4.00000	-8.50000	-82.192	-8.9310	-159.96	-365.73	-0.0045682
30.00000	4.00000	-8.50000	-80.948	-8.9310	-159.95	-365.25	-0.0045718
31.00000	4.00000	-8.50000	-79.475	-8.9310	-159.95	-364.61	-0.0045767
32.00000	4.00000	-8.50000	-77.721	-8.9310	-159.95	-363.70	-0.0045835
33.00000	4.00000	-8.50000	-75.618	-8.9310	-159.94	-362.35	-0.0045935
34.00000	4.00000	-8.50000	-73.055	-8.9310	-159.92	-360.22	-0.0046090
35.00000	4.00000	-8.50000	-69.860	-8.9310	-159.87	-356.46	-0.0046354
36.00000	4.00000	-8.50000	-65.721	-8.9310	-159.65	-348.63	-0.0046855
37.00000	4.00000	-8.50000	-59.968	-8.9310	-157.76	-325.60	-0.0047754
38.00000	4.00000	-8.50000	-49.232	-8.9310	-79.979	-184.18	-0.0022740
39.00000	4.00000	-8.50000	-38.485	-8.9310	-2.1984	-42.763	227.43E-6
40.00000	4.00000	-8.50000	-32.699	-8.9310	-0.31114	-19.735	137.42E-6
41.00000	4.00000	-8.50000	-28.504	-8.9310	-0.090995	-11.898	87.306E-6
42.00000	4.00000	-8.50000	-25.231	-8.9310	-0.036921	-8.1357	60.864E-6
43.00000	4.00000	-8.50000	-22.568	-8.9310	-0.018078	-5.9899	45.231E-6
44.00000	4.00000	-8.50000	-20.340	-8.9310	-0.010013	-4.6301	35.146E-6
45.00000	4.00000	-8.50000	-18.438	-8.9310	-0.0060515	-3.7042	28.208E-6
46.00000	4.00000	-8.50000	-16.791	-8.9310	-0.0039033	-3.0399	23.198E-6
47.00000	4.00000	-8.50000	-15.347	-8.9310	-0.0026472	-2.5441	19.444E-6
48.00000	4.00000	-8.50000	-14.070	-8.9310	-0.0018681	-2.1626	16.545E-6
49.00000	4.00000	-8.50000	-12.933	-8.9310	-0.0013614	-1.8616	14.253E-6
50.00000	4.00000	-8.50000	-11.913	-8.9310	-0.0010188	-1.6192	12.406E-6
51.00000	4.00000	-8.50000	-10.994	-8.9310	-779.50E-6	-1.4209	10.892E-6
52.00000	4.00000	-8.50000	-10.163	-8.9310	-607.72E-6	-1.2563	9.6338E-6
53.00000	4.00000	-8.50000	-9.4081	-8.9310	-481.48E-6	-1.1181	8.5763E-6
54.00000	4.00000	-8.50000	-8.7201	-8.9310	-386.83E-6	-1.0007	7.6783E-6
55.00000	4.00000	-8.50000	-8.0915	-8.9310	-314.59E-6	-0.90025	6.9089E-6
56.00000	4.00000	-8.50000	-7.5157	-8.9310	-258.61E-6	-0.81353	6.2446E-6
57.00000	4.00000	-8.50000	-6.9872	-8.9310	-214.63E-6	-0.73817	5.6670E-6
58.00000	4.00000	-8.50000	-6.5010	-8.9310	-179.65E-6	-0.67226	5.1617E-6
59.00000	4.00000	-8.50000	-6.0531	-8.9310	-151.53E-6	-0.61430	4.7173E-6
60.00000	4.00000	-8.50000	-5.6398	-8.9310	-128.71E-6	-0.56307	4.3244E-6
-20.00000	5.00000	-8.50000	-5.8733	-8.9310	-141.70E-6	-0.59300	4.5539E-6
-19.00000	5.00000	-8.50000	-6.3089	-8.9310	-167.17E-6	-0.64822	4.9774E-6
-18.00000	5.00000	-8.50000	-6.7814	-8.9310	-198.54E-6	-0.71078	5.4571E-6
-17.00000	5.00000	-8.50000	-7.2948	-8.9310	-237.56E-6	-0.78202	6.0032E-6
-16.00000	5.00000	-8.50000	-7.8535	-8.9310	-286.59E-6	-0.86358	6.6282E-6
-15.00000	5.00000	-8.50000	-8.4626	-8.9310	-348.90E-6	-0.95751	7.3477E-6
-14.00000	5.00000	-8.50000	-9.1281	-8.9310	-429.16E-6	-1.0664	8.1815E-6
-13.00000	5.00000	-8.50000	-9.8569	-8.9310	-534.05E-6	-1.1936	9.1551E-6
-12.00000	5.00000	-8.50000	-10.657	-8.9310	-673.50E-6	-1.3435	10.301E-6
-11.00000	5.00000	-8.50000	-11.539	-8.9310	-862.53E-6	-1.5219	11.664E-6
-10.00000	5.00000	-8.50000	-12.513	-8.9310	-0.0011247	-1.7366	13.304E-6
-9.00000	5.00000	-8.50000	-13.595	-8.9310	-0.0014982	-1.9986	15.301E-6
-8.00000	5.00000	-8.50000	-14.802	-8.9310	-0.0020475	-2.3235	17.774E-6
-7.00000	5.00000	-8.50000	-16.155	-8.9310	-0.0028871	-2.7342	20.895E-6
-6.00000	5.00000	-8.50000	-17.686	-8.9310	-0.0042321	-3.2663	24.925E-6
-5.00000	5.00000	-8.50000	-19.430	-8.9310	-0.0065160	-3.9767	30.282E-6
-4.00000	5.00000	-8.50000	-21.442	-8.9310	-0.010693	-4.9623	37.669E-6
-3.00000	5.00000	-8.50000	-23.796	-8.9310	-0.019115	-6.4012	48.347E-6
-2.00000	5.00000	-8.50000	-26.602	-8.9310	-0.038566	-8.6538	64.773E-6
-1.00000	5.00000	-8.50000	-30.039	-8.9310	-0.093685	-12.562	92.283E-6
0.00000	5.00000	-8.50000	-34.418	-8.9310	-0.31557	-20.593	143.81E-6
1.00000	5.00000	-8.50000	-40.407	-8.9310	-2.2054	-43.867	235.60E-6
2.00000	5.00000	-8.50000	-51.366	-8.9310	-79.989	-185.57	-0.0022638
3.00000	5.00000	-8.50000	-62.309	-8.9310	-157.77	-327.27	-0.0047633
4.00000	5.00000	-8.50000	-68.249	-8.9310	-159.66	-350.53	-0.0046716
5.00000	5.00000	-8.50000	-72.548	-8.9310	-159.88	-358.55	-0.0046202
6.00000	5.00000	-8.50000	-75.873	-8.9310	-159.94	-362.43	-0.0045928
7.00000	5.00000	-8.50000	-78.538	-8.9310	-159.96	-364.66	-0.0045766
8.00000	5.00000	-8.50000	-80.721	-8.9310	-159.97	-366.07	-0.0045662
9.00000	5.00000	-8.50000	-82.535	-8.9310	-159.97	-367.02	-0.0045590
10.00000	5.00000	-8.50000	-84.055	-8.9310	-159.97	-367.69	-0.0045539
11.00000	5.00000	-8.50000	-85.332	-8.9310	-159.98	-368.19	-0.0045502
12.00000	5.00000	-8.50000	-86.407	-8.9310	-159.98	-368.56	-0.0045474
13.00000	5.00000	-8.50000	-87.306	-8.9310	-159.98	-368.84	-0.0045453
14.00000	5.00000	-8.50000	-88.051	-8.9310	-159.98	-369.05	-0.0045436
15.00000	5.00000	-8.50000	-88.658	-8.9310	-159.98	-369.22	-0.0045424
16.00000	5.00000	-8.50000	-89.140	-8.9310	-159.98	-369.34	-0.0045414
17.00000	5.00000	-8.50000	-89.504	-8.9310	-159.98	-369.43	-0.0045408
18.00000	5.00000	-8.50000	-89.758	-8.9310	-159.98	-369.49	-0.0045403
19.00000	5.00000	-8.50000	-89.905	-8.9310	-159.98	-369.52	-0.0045400
20.00000	5.00000	-8.50000	-89.949	-8.9310	-159.98	-369.53	-0.0045400
21.00000	5.00000	-8.50000	-89.890	-8.9310	-159.98	-369.52	-0.0045401
22.00000	5.00000	-8.50000	-89.726	-8.9310	-159.98	-369.48	-0.0045403
23.00000	5.00000	-8.50000	-89.456	-8.9310	-159.98	-369.42	-0.0045408
24.00000	5.00000	-8.50000	-89.074	-8.9310	-159.98	-369.32	-0.0045416
25.00000	5.00000	-8.50000	-88.574	-8.9310	-159.98	-369.20	-0.0045425
26.00000	5.00000	-8.50000	-87.946	-8.9310	-159.98	-369.03	-0.0045438
27.00000	5.00000	-8.50000	-87.179	-8.9310	-159.98	-368.81	-0.0045455
28.00000	5.00000	-8.50000	-86.256	-8.9310	-159.98	-368.52	-0.0045477
29.00000	5.00000	-8.50000	-85.155	-8.9310	-159.98	-368.14	-0.0045506

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	30.00000	5.00000	-8.50000	-83.850	-8.9310	-159.97	-367.64	-0.0045543
	31.00000	5.00000	-8.50000	-82.302	-8.9310	-159.97	-366.96	-0.0045595
	32.00000	5.00000	-8.50000	-80.460	-8.9310	-159.97	-366.00	-0.0045667
	33.00000	5.00000	-8.50000	-78.247	-8.9310	-159.96	-364.58	-0.0045772
	34.00000	5.00000	-8.50000	-75.554	-8.9310	-159.94	-362.34	-0.0045935
	35.00000	5.00000	-8.50000	-72.203	-8.9310	-159.88	-358.45	-0.0046209
	36.00000	5.00000	-8.50000	-67.881	-8.9310	-159.66	-350.42	-0.0046724
	37.00000	5.00000	-8.50000	-61.921	-8.9310	-157.77	-327.15	-0.0047642
	38.00000	5.00000	-8.50000	-50.963	-8.9310	-79.989	-185.45	-0.0022647
	39.00000	5.00000	-8.50000	-39.993	-8.9310	-2.2052	-43.745	234.67E-6
	40.00000	5.00000	-8.50000	-33.999	-8.9310	-0.31539	-20.471	142.88E-6
	41.00000	5.00000	-8.50000	-29.620	-8.9310	-0.093514	-12.442	91.369E-6
	42.00000	5.00000	-8.50000	-26.189	-8.9310	-0.038406	-8.5382	63.891E-6
	43.00000	5.00000	-8.50000	-23.392	-8.9310	-0.018969	-6.2914	47.509E-6
	44.00000	5.00000	-8.50000	-21.052	-8.9310	-0.010562	-4.8595	36.885E-6
	45.00000	5.00000	-8.50000	-19.056	-8.9310	-0.0064017	-3.8816	29.556E-6
	46.00000	5.00000	-8.50000	-17.329	-8.9310	-0.0041334	-3.1792	24.259E-6
	47.00000	5.00000	-8.50000	-15.819	-8.9310	-0.0028029	-2.6551	20.290E-6
	48.00000	5.00000	-8.50000	-14.485	-8.9310	-0.0019762	-2.2521	17.229E-6
	49.00000	5.00000	-8.50000	-13.299	-8.9310	-0.0014383	-1.9346	14.812E-6
	50.00000	5.00000	-8.50000	-12.237	-8.9310	-0.0010746	-1.6794	12.866E-6
	51.00000	5.00000	-8.50000	-11.282	-8.9310	-820.69E-6	-1.4709	11.274E-6
	52.00000	5.00000	-8.50000	-10.419	-8.9310	-638.64E-6	-1.2982	9.9546E-6
	53.00000	5.00000	-8.50000	-9.6365	-8.9310	-505.04E-6	-1.1534	8.8471E-6
	54.00000	5.00000	-8.50000	-8.9245	-8.9310	-405.00E-6	-1.0308	7.9083E-6
	55.00000	5.00000	-8.50000	-8.2747	-8.9310	-328.77E-6	-0.92589	7.1054E-6
	56.00000	5.00000	-8.50000	-7.6803	-8.9310	-269.78E-6	-0.83555	6.4134E-6
	57.00000	5.00000	-8.50000	-7.1353	-8.9310	-223.52E-6	-0.75716	5.8127E-6
	58.00000	5.00000	-8.50000	-6.6346	-8.9310	-186.79E-6	-0.68872	5.2880E-6
	59.00000	5.00000	-8.50000	-6.1737	-8.9310	-157.30E-6	-0.62863	4.8272E-6
	60.00000	5.00000	-8.50000	-5.7489	-8.9310	-133.41E-6	-0.57559	4.4204E-6
-20.00000	6.00000	-8.50000	-5.9812	-8.9310	-147.13E-6	-0.60608	4.6543E-6
-19.00000	6.00000	-8.50000	-6.4286	-8.9310	-173.87E-6	-0.66327	5.0929E-6
-18.00000	6.00000	-8.50000	-6.9144	-8.9310	-206.87E-6	-0.72818	5.5905E-6
-17.00000	6.00000	-8.50000	-7.4428	-8.9310	-247.98E-6	-0.80220	6.1579E-6
-16.00000	6.00000	-8.50000	-8.0185	-8.9310	-299.72E-6	-0.88708	6.8083E-6
-15.00000	6.00000	-8.50000	-8.6468	-8.9310	-365.57E-6	-0.98500	7.5583E-6
-14.00000	6.00000	-8.50000	-9.3342	-8.9310	-450.49E-6	-1.0987	8.4289E-6
-13.00000	6.00000	-8.50000	-10.088	-8.9310	-561.59E-6	-1.2318	9.4471E-6
-12.00000	6.00000	-8.50000	-10.917	-8.9310	-709.36E-6	-1.3888	10.648E-6
-11.00000	6.00000	-8.50000	-11.831	-8.9310	-909.72E-6	-1.5759	12.077E-6
-10.00000	6.00000	-8.50000	-12.842	-8.9310	-0.001175	-1.7814	13.799E-6
-9.00000	6.00000	-8.50000	-13.967	-8.9310	-0.0015827	-2.0768	15.898E-6
-8.00000	6.00000	-8.50000	-15.222	-8.9310	-0.0021628	-2.4184	18.499E-6
-7.00000	6.00000	-8.50000	-16.633	-8.9310	-0.0030467	-2.8503	21.780E-6
-6.00000	6.00000	-8.50000	-18.228	-8.9310	-0.0044566	-3.4093	26.013E-6
-5.00000	6.00000	-8.50000	-20.048	-8.9310	-0.0068373	-4.1541	31.631E-6
-4.00000	6.00000	-8.50000	-22.147	-8.9310	-0.011161	-5.1841	39.354E-6
-3.00000	6.00000	-8.50000	-24.600	-8.9310	-0.019810	-6.6807	50.464E-6
-2.00000	6.00000	-8.50000	-27.521	-8.9310	-0.039612	-9.0081	67.449E-6
-1.00000	6.00000	-8.50000	-31.087	-8.9310	-0.095266	-13.012	95.672E-6
0.00000	6.00000	-8.50000	-35.612	-8.9310	-0.31792	-21.162	148.08E-6
1.00000	6.00000	-8.50000	-41.757	-8.9310	-2.2088	-44.578	240.90E-6
2.00000	6.00000	-8.50000	-52.878	-8.9310	-79.994	-186.43	-0.0022574
3.00000	6.00000	-8.50000	-63.981	-8.9310	-157.78	-328.29	-0.0047557
4.00000	6.00000	-8.50000	-70.073	-8.9310	-159.67	-351.69	-0.0046630
5.00000	6.00000	-8.50000	-74.507	-8.9310	-159.89	-359.82	-0.0046107
6.00000	6.00000	-8.50000	-77.950	-8.9310	-159.95	-363.79	-0.0045827
7.00000	6.00000	-8.50000	-80.717	-8.9310	-159.97	-366.09	-0.0045660
8.00000	6.00000	-8.50000	-82.985	-8.9310	-159.98	-367.55	-0.0045552
9.00000	6.00000	-8.50000	-84.871	-8.9310	-159.98	-368.54	-0.0045478
10.00000	6.00000	-8.50000	-86.450	-8.9310	-159.98	-369.24	-0.0045425
11.00000	6.00000	-8.50000	-87.777	-8.9310	-159.98	-369.75	-0.0045386
12.00000	6.00000	-8.50000	-88.893	-8.9310	-159.99	-370.14	-0.0045357
13.00000	6.00000	-8.50000	-89.826	-8.9310	-159.99	-370.43	-0.0045334
14.00000	6.00000	-8.50000	-90.599	-8.9310	-159.99	-370.65	-0.0045317
15.00000	6.00000	-8.50000	-91.228	-8.9310	-159.99	-370.82	-0.0045304
16.00000	6.00000	-8.50000	-91.727	-8.9310	-159.99	-370.95	-0.0045295
17.00000	6.00000	-8.50000	-92.105	-8.9310	-159.99	-371.05	-0.0045287
18.00000	6.00000	-8.50000	-92.368	-8.9310	-159.99	-371.11	-0.0045283
19.00000	6.00000	-8.50000	-92.521	-8.9310	-159.99	-371.15	-0.0045280
20.00000	6.00000	-8.50000	-92.566	-8.9310	-159.99	-371.16	-0.0045279
21.00000	6.00000	-8.50000	-92.505	-8.9310	-159.99	-371.14	-0.0045280
22.00000	6.00000	-8.50000	-92.335	-8.9310	-159.99	-371.10	-0.0045283
23.00000	6.00000	-8.50000	-92.055	-8.9310	-159.99	-371.03	-0.0045288
24.00000	6.00000	-8.50000	-91.659	-8.9310	-159.99	-370.94	-0.0045296
25.00000	6.00000	-8.50000	-91.140	-8.9310	-159.99	-370.80	-0.0045306
26.00000	6.00000	-8.50000	-90.487	-8.9310	-159.99	-370.63	-0.0045319
27.00000	6.00000	-8.50000	-89.690	-8.9310	-159.99	-370.39	-0.0045337
28.00000	6.00000	-8.50000	-88.729	-8.9310	-159.99	-370.09	-0.0045360
29.00000	6.00000	-8.50000	-87.584	-8.9310	-159.98	-369.70	-0.0045390
30.00000	6.00000	-8.50000	-86.224	-8.9310	-159.98	-369.18	-0.0045430
31.00000	6.00000	-8.50000	-84.611	-8.9310	-159.98	-368.46	-0.0045483
32.00000	6.00000	-8.50000	-82.691	-8.9310	-159.98	-367.46	-0.0045558
33.00000	6.00000	-8.50000	-80.387	-8.9310	-159.97	-365.99	-0.0045668
34.00000	6.00000	-8.50000	-77.586	-8.9310	-159.95	-363.68	-0.0045836
35.00000	6.00000	-8.50000	-74.110	-8.9310	-159.89	-359.69	-0.0046117
36.00000	6.00000	-8.50000	-69.646	-8.9310	-159.67	-351.55	-0.0046640
37.00000	6.00000	-8.50000	-63.530	-8.9310	-157.78	-328.14	-0.0047568
38.00000	6.00000	-8.50000	-52.408	-8.9310	-79.994	-186.28	-0.0022586
39.00000	6.00000	-8.50000	-41.275	-8.9310	-2.2085	-44.421	239.71E-6
40.00000	6.00000	-8.50000	-35.124	-8.9310	-0.31766	-21.005	146.88E-6
41.00000	6.00000	-8.50000	-30.601	-8.9310	-0.095012	-12.858	94.504E-6
42.00000	6.00000	-8.50000	-27.043	-8.9310	-0.039377	-8.8612	66.330E-6
43.00000	6.00000	-8.50000	-24.135	-8.9310	-0.019600	-6.5425	49.411E-6
44.00000	6.00000	-8.50000	-21.700	-8.9310	-0.010977	-5.0561	38.377E-6
45.00000	6.00000	-8.50000	-19.622	-8.9310	-0.0066789	-4.0369	30.738E-6
46.00000	6.00000	-8.50000	-17.826	-8.9310	-0.0043226	-3.3033	25.205E-6
47.00000	6.00000	-8.50000	-16.255	-8.9310	-0.0029347	-2.7552	21.054E-6
48.00000	6.00000	-8.50000	-14.869	-8.9310	-0.0020698	-2.3336	17.851E-6
49.00000	6.00000	-8.50000	-13.638	-8.9310	-0.0015060	-2.0015	15.323E-6
50.00000	6.00000	-8.50000	-12.538	-8.9310	-0.0011244	-1.7349	13.290E-6
51.00000	6.00000	-8.50000	-11.550	-8.9310	-857.91E-6	-1.5172	11.629E-6
52.00000	6.00000	-8.50000	-10.658	-8.9310	-666.83E-6	-1.3371	10.252E-6
53.00000	6.00000	-8.50000	-9.8495	-8.9310	-526.65E-6	-1.1863	9.0991E-6
54.00000	6.00000	-8.50000	-9.1150	-8.9310	-421.76E-6	-1.0587	8.1227E-6
55.00000	6.00000	-8.50000	-8.4456	-8.9310	-341.90E-6	-0.94981	7.2888E-6
56.00000	6.00000	-8.50000	-7.8338	-8.9310	-280.17E-6	-0.85610	6.5710E-6
57.00000	6.00000	-8.50000	-7.2734	-8.9310	-231.81E-6	-0.77491	5.9487E-6
58.00000	6.00000	-8.50000	-6.7590	-8.9310	-193.45E-6	-0.70410	5.4060E-6
59.00000	6.00000	-8.50000	-6.2861	-8.9310	-162.70E-6	-0.64202	4.9299E-6
60.00000	6.00000	-8.50000	-5.8505	-8.9310	-137.81E-6	-0.58729	4.5102E-6
-20.00000	7.00000	-8.50000	-6.0809	-8.9310	-152.31E-6	-0.61830	4.7480E-6
-19.00000	7.00000	-8.50000	-6.5393	-8.9310	-180.28E-6	-0.67737	5.2010E-6
-18.00000	7.00000	-8.50000	-7.0376	-8.9310	-214.86E-6	-0.74449	5.7156E-6
-17.00000	7.00000	-8.50000	-7.5801	-8.9310	-257.99E-6	-0.82116	6.3032E-6
-16.00000	7.00000	-8.50000	-8.1717	-8.9310	-312.35E-6	-0.90921	6.9778E-6
-15.00000	7.00000	-8.50000	-8.8181	-8.9310	-381.64E-6	-1.0109	7.7569E-6
-14.00000	7.00000	-8.50000	-9.5260	-8.9310	-471.07E-6	-1.1292

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	9.00000	7.00000	-8.50000	-86.803	-8.9310	-159.99	-369.57	-0.0045400
	10.00000	7.00000	-8.50000	-88.431	-8.9310	-159.99	-370.30	-0.0045345
	11.00000	7.00000	-8.50000	-89.800	-8.9310	-159.99	-370.83	-0.0045305
	12.00000	7.00000	-8.50000	-90.951	-8.9310	-159.99	-371.22	-0.0045275
	13.00000	7.00000	-8.50000	-91.913	-8.9310	-159.99	-371.53	-0.0045252
	14.00000	7.00000	-8.50000	-92.710	-8.9310	-159.99	-371.76	-0.0045235
	15.00000	7.00000	-8.50000	-93.359	-8.9310	-159.99	-371.93	-0.0045221
	16.00000	7.00000	-8.50000	-93.873	-8.9310	-159.99	-372.07	-0.0045211
	17.00000	7.00000	-8.50000	-94.263	-8.9310	-159.99	-372.16	-0.0045204
	18.00000	7.00000	-8.50000	-94.534	-8.9310	-159.99	-372.23	-0.0045199
	19.00000	7.00000	-8.50000	-94.692	-8.9310	-159.99	-372.27	-0.0045196
	20.00000	7.00000	-8.50000	-94.739	-8.9310	-159.99	-372.28	-0.0045195
	21.00000	7.00000	-8.50000	-94.676	-8.9310	-159.99	-372.26	-0.0045196
	22.00000	7.00000	-8.50000	-94.501	-8.9310	-159.99	-372.22	-0.0045199
	23.00000	7.00000	-8.50000	-94.212	-8.9310	-159.99	-372.15	-0.0045205
	24.00000	7.00000	-8.50000	-93.803	-8.9310	-159.99	-372.05	-0.0045212
	25.00000	7.00000	-8.50000	-93.267	-8.9310	-159.99	-371.91	-0.0045223
	26.00000	7.00000	-8.50000	-92.593	-8.9310	-159.99	-371.73	-0.0045237
	27.00000	7.00000	-8.50000	-91.768	-8.9310	-159.99	-371.49	-0.0045255
	28.00000	7.00000	-8.50000	-90.774	-8.9310	-159.99	-371.17	-0.0045279
	29.00000	7.00000	-8.50000	-89.589	-8.9310	-159.99	-370.77	-0.0045310
	30.00000	7.00000	-8.50000	-88.182	-8.9310	-159.99	-370.22	-0.0045351
	31.00000	7.00000	-8.50000	-86.513	-8.9310	-159.98	-369.48	-0.0045407
	32.00000	7.00000	-8.50000	-84.527	-8.9310	-159.98	-368.45	-0.0045484
	33.00000	7.00000	-8.50000	-82.146	-8.9310	-159.97	-366.94	-0.0045597
	34.00000	7.00000	-8.50000	-79.257	-8.9310	-159.95	-364.58	-0.0045769
	35.00000	7.00000	-8.50000	-75.680	-8.9310	-159.90	-360.53	-0.0046055
	36.00000	7.00000	-8.50000	-71.105	-8.9310	-159.67	-352.31	-0.0046584
	37.00000	7.00000	-8.50000	-64.870	-8.9310	-157.78	-328.81	-0.0047518
	38.00000	7.00000	-8.50000	-53.623	-8.9310	-79.996	-186.86	-0.0022542
	39.00000	7.00000	-8.50000	-42.364	-8.9310	-2.2103	-44.907	243.37E-6
	40.00000	7.00000	-8.50000	-36.093	-8.9310	-0.31896	-21.404	149.89E-6
	41.00000	7.00000	-8.50000	-31.457	-8.9310	-0.095939	-13.181	96.944E-6
	42.00000	7.00000	-8.50000	-27.797	-8.9310	-0.040023	-9.1202	68.293E-6
	43.00000	7.00000	-8.50000	-24.798	-8.9310	-0.020046	-6.7500	50.986E-6
	44.00000	7.00000	-8.50000	-22.282	-8.9310	-0.011286	-5.2226	39.643E-6
	45.00000	7.00000	-8.50000	-20.134	-8.9310	-0.0068952	-4.1712	31.760E-6
	46.00000	7.00000	-8.50000	-18.276	-8.9310	-0.0044755	-3.4122	26.035E-6
	47.00000	7.00000	-8.50000	-16.653	-8.9310	-0.0030442	-2.8441	21.732E-6
	48.00000	7.00000	-8.50000	-15.221	-8.9310	-0.0021494	-2.4067	18.409E-6
	49.00000	7.00000	-8.50000	-13.950	-8.9310	-0.0015646	-2.0620	15.786E-6
	50.00000	7.00000	-8.50000	-12.815	-8.9310	-0.0011681	-1.7853	13.676E-6
	51.00000	7.00000	-8.50000	-11.796	-8.9310	-890.97E-6	-1.5595	11.952E-6
	52.00000	7.00000	-8.50000	-10.877	-8.9310	-692.10E-6	-1.3727	10.525E-6
	53.00000	7.00000	-8.50000	-10.046	-8.9310	-546.17E-6	-1.2165	9.3306E-6
	54.00000	7.00000	-8.50000	-9.2905	-8.9310	-436.99E-6	-1.0845	8.3199E-6
	55.00000	7.00000	-8.50000	-8.6029	-8.9310	-353.89E-6	-0.97184	7.4576E-6
	56.00000	7.00000	-8.50000	-7.9751	-8.9310	-289.69E-6	-0.87505	6.7162E-6
	57.00000	7.00000	-8.50000	-7.4005	-8.9310	-239.42E-6	-0.79127	6.0742E-6
	58.00000	7.00000	-8.50000	-6.8736	-8.9310	-199.58E-6	-0.71829	5.5148E-6
	59.00000	7.00000	-8.50000	-6.3895	-8.9310	-167.68E-6	-0.65437	5.0247E-6
	60.00000	7.00000	-8.50000	-5.9439	-8.9310	-141.87E-6	-0.59808	4.5930E-6
	-20.00000	8.00000	-8.50000	-6.1718	-8.9310	-157.20E-6	-0.62959	4.8346E-6
	-19.00000	8.00000	-8.50000	-6.6404	-8.9310	-186.36E-6	-0.69041	5.3010E-6
	-18.00000	8.00000	-8.50000	-7.1502	-8.9310	-222.45E-6	-0.75962	5.8316E-6
	-17.00000	8.00000	-8.50000	-7.7057	-8.9310	-267.55E-6	-0.83878	6.4383E-6
	-16.00000	8.00000	-8.50000	-8.3120	-8.9310	-324.45E-6	-0.92980	7.1357E-6
	-15.00000	8.00000	-8.50000	-8.9752	-8.9310	-397.08E-6	-1.0351	7.9422E-6
	-14.00000	8.00000	-8.50000	-9.7022	-8.9310	-490.91E-6	-1.1577	8.8810E-6
	-13.00000	8.00000	-8.50000	-10.501	-8.9310	-613.86E-6	-1.3016	9.9819E-6
	-12.00000	8.00000	-8.50000	-11.381	-8.9310	-777.50E-6	-1.4718	11.283E-6
	-11.00000	8.00000	-8.50000	-12.354	-8.9310	-999.30E-6	-1.6751	12.836E-6
	-10.00000	8.00000	-8.50000	-13.433	-8.9310	-0.0013062	-1.9203	14.708E-6
	-9.00000	8.00000	-8.50000	-14.634	-8.9310	-0.0017414	-2.2201	16.994E-6
	-8.00000	8.00000	-8.50000	-15.978	-8.9310	-0.0023767	-2.5919	19.823E-6
	-7.00000	8.00000	-8.50000	-17.488	-8.9310	-0.0033370	-3.0611	23.387E-6
	-6.00000	8.00000	-8.50000	-19.198	-8.9310	-0.0048531	-3.6662	27.971E-6
	-5.00000	8.00000	-8.50000	-21.147	-8.9310	-0.0073815	-4.4679	34.020E-6
	-4.00000	8.00000	-8.50000	-23.392	-8.9310	-0.011909	-5.5677	42.269E-6
	-3.00000	8.00000	-8.50000	-26.008	-8.9310	-0.020838	-7.1490	54.018E-6
	-2.00000	8.00000	-8.50000	-29.109	-8.9310	-0.041015	-9.5777	71.765E-6
	-1.00000	8.00000	-8.50000	-32.871	-8.9310	-0.09716O	-13.700	100.88E-6
	0.00000	8.00000	-8.50000	-37.603	-8.9310	-0.32043	-21.985	154.29E-6
	1.00000	8.00000	-8.50000	-43.963	-8.9310	-2.2120	-45.546	248.20E-6
	2.00000	8.00000	-8.50000	-55.301	-8.9310	-79.998	-187.55	-0.0022490
	3.00000	8.00000	-8.50000	-66.614	-8.9310	-157.78	-329.55	-0.0047462
	4.00000	8.00000	-8.50000	-72.902	-8.9310	-159.68	-353.08	-0.0046525
	5.00000	8.00000	-8.50000	-77.517	-8.9310	-159.90	-361.33	-0.0045994
	6.00000	8.00000	-8.50000	-81.121	-8.9310	-159.95	-365.39	-0.0045707
	7.00000	8.00000	-8.50000	-84.028	-8.9310	-159.97	-367.76	-0.0045534
	8.00000	8.00000	-8.50000	-86.418	-8.9310	-159.98	-369.28	-0.0045422
	9.00000	8.00000	-8.50000	-88.407	-8.9310	-159.99	-370.32	-0.0045344
	10.00000	8.00000	-8.50000	-90.075	-8.9310	-159.99	-371.05	-0.0045288
	11.00000	8.00000	-8.50000	-91.478	-8.9310	-159.99	-371.60	-0.0045247
	12.00000	8.00000	-8.50000	-92.657	-8.9310	-159.99	-372.00	-0.0045216
	13.00000	8.00000	-8.50000	-93.644	-8.9310	-159.99	-372.31	-0.0045193
	14.00000	8.00000	-8.50000	-94.461	-8.9310	-159.99	-372.55	-0.0045175
	15.00000	8.00000	-8.50000	-95.126	-8.9310	-159.99	-372.73	-0.0045161
	16.00000	8.00000	-8.50000	-95.654	-8.9310	-159.99	-372.87	-0.0045151
	17.00000	8.00000	-8.50000	-96.053	-8.9310	-159.99	-372.96	-0.0045143
	18.00000	8.00000	-8.50000	-96.332	-8.9310	-159.99	-373.03	-0.0045138
	19.00000	8.00000	-8.50000	-96.494	-8.9310	-159.99	-373.07	-0.0045135
	20.00000	8.00000	-8.50000	-96.543	-8.9310	-159.99	-373.08	-0.0045134
	21.00000	8.00000	-8.50000	-96.478	-8.9310	-159.99	-373.07	-0.0045135
	22.00000	8.00000	-8.50000	-96.300	-8.9310	-159.99	-373.02	-0.0045139
	23.00000	8.00000	-8.50000	-96.003	-8.9310	-159.99	-372.95	-0.0045144
	24.00000	8.00000	-8.50000	-95.583	-8.9310	-159.99	-372.85	-0.0045152
	25.00000	8.00000	-8.50000	-95.032	-8.9310	-159.99	-372.70	-0.0045163
	26.00000	8.00000	-8.50000	-94.339	-8.9310	-159.99	-372.52	-0.0045177
	27.00000	8.00000	-8.50000	-93.491	-8.9310	-159.99	-372.27	-0.0045196
	28.00000	8.00000	-8.50000	-92.469	-8.9310	-159.99	-371.95	-0.0045221
	29.00000	8.00000	-8.50000	-91.249	-8.9310	-159.99	-371.52	-0.0045253
	30.00000	8.00000	-8.50000	-89.802	-8.9310	-159.99	-370.97	-0.0045295
	31.00000	8.00000	-8.50000	-88.085	-8.9310	-159.99	-370.21	-0.0045352
	32.00000	8.00000	-8.50000	-86.043	-8.9310	-159.98	-369.13	-0.0045432
	33.00000	8.00000	-8.50000	-83.598	-8.9310	-159.97	-367.61	-0.0045546
	34.00000	8.00000	-8.50000	-80.637	-8.9310	-159.95	-365.21	-0.0045721
	35.00000	8.00000	-8.50000	-76.980	-8.9310	-159.90	-361.11	-0.0046010
	36.00000	8.00000	-8.50000	-72.317	-8.9310	-159.67	-352.85	-0.0046543
	37.00000	8.00000	-8.50000	-65.988	-8.9310	-157.78	-329.29	-0.0047482
	38.00000	8.00000	-8.50000	-54.644	-8.9310	-79.997	-187.28	-0.0022510
	39.00000	8.00000	-8.50000	-43.289	-8.9310	-2.2113	-45.267	246.09E-6
	40.00000	8.00000	-8.50000	-36.923	-8.9310	-0.31976	-21.708	152.19E-6
	41.00000	8.00000	-8.50000	-32.198	-8.9310	-0.096535	-13.434	98.857E-6
	42.00000	8.00000	-8.50000	-28.454	-8.9310	-0.040461	-9.3282	69.871E-6
	43.00000	8.00000	-8.50000	-25.381	-8.9310	-0.020364	-6.9204	52.282E-6
	44.00000	8.00000	-8.50000	-22.798	-8.9310	-0.011517	-5.3622	40.707E-6
	45.00000	8.00000	-8.50000	-20.590	-8.9310	-0.0070623	-4.2857	32.633E-6
	46.00000	8.00000	-8.50000	-18.680	-8.9310	-0.0045974	-3.5063	26.753E-6
	47.00000	8.00000	-8.50000	-17.010	-8.9310	-0.0031339	-2.9219	22.326E-6
	48.00000	8.00000	-8.50000	-15.538	-8.9310	-0.0022160	-2.4712	18.902E-6
	49.00000	8.00000	-8.50000	-14.231	-8.9310	-0.0016145	-2.1158	16.197E-6
	50.00000	8.00000	-8.50000	-13.065	-8.9310	-0.0012059	-1.8303	14.021E-6
	51.00000	8.00000	-8.50000	-12.019	-8.9310	-919.85E-6	-1.5974	12.243E-6
	52.00000	8.00000	-8.50000	-11.076	-8.9310	-714.38E-6	-1.4049	10.771E-6
	53.00000	8.00000	-8.50000	-10.223	-8.9310	-563.52E-6	-1.2438	9.5395E-6
	54.00000	8.00000	-8.50000	-9.4498	-8.9310	-450.60E-6	-1.1078	8.4984E-6
	55.00000	8.00000	-8.50000	-8.7458	-8.9310	-364.66E-6	-0.99182	7.6108E-6
	56.00000	8.00000	-8.50000	-8.1034	-8.9310	-298.27E-6	-0.89225	6.8481E-6
	57.00000	8.00000	-8.50000	-7.5160	-8.9310	-246.31E-6	-0.80614	6.1883E-6
	58.00000	8.00000	-8.50000	-6.9777	-8.9310	-205.15E-6	-0.73119	5.6138E-6
	59.00000	8.00000	-8.50000	-6.4834	-8.9310	-172.20E-6	-0.66560	5.1109E-6
	60.00000	8.00000	-8.50000	-6.0288	-8.9310	-145.56E-6	-0.60789	4.6683E-6
	-20.00000	9.00000	-8.50000	-6.2533	-8.9310	-161.78E-6	-0.63986	4.9134E-6
	-19.00000	9.00000	-8.50000	-6.7312	-8.9310	-192.07E-6	-0.70230	5.3922E-6
	-18.00000	9.00000	-8.50000	-7.2514	-8.9310	-229.61E-6	-0.77345	5.9376E-6
	-17.00000	9.00000	-8.50000	-7.8188	-8.9310	-276.60E-6	-0.85492	6.5620E-6
	-16.00000	9.00000	-8.50000	-8.4386	-8.9310	-335.97E-6	-0.94874	7.2808E-6
	-15.00000	9.00000	-8.50000	-9.1172	-8.9310	-411.85E-6	-1.0574	8.1131E-6
	-14.00000	9.00000	-8.50000	-9.8617	-8.9310	-510.01E-6	-1.1841	9.0832E-6
	-13.00000	9.00000	-8.50000	-10.681	-8.9310	-638.75E-6	-1.3330	10.222E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-12.00000	9.00000	-8.50000	-11.584	-8.9310	-810.24E-6	-1.5093	11.570E-6
	-11.00000	9.00000	-8.50000	-12.583	-8.9310	-0.0010427	-1.7200	13.180E-6
	-10.00000	9.00000	-8.50000	-13.691	-8.9310	-0.0013643	-1.9746	15.122E-6
	-9.00000	9.00000	-8.50000	-14.927	-8.9310	-0.0018198	-2.2857	17.495E-6
	-8.00000	9.00000	-8.50000	-16.309	-8.9310	-0.0024832	-2.6716	20.432E-6
	-7.00000	9.00000	-8.50000	-17.864	-8.9310	-0.0034828	-3.1583	24.128E-6
	-6.00000	9.00000	-8.50000	-19.624	-8.9310	-0.0050531	-3.7848	28.874E-6
	-5.00000	9.00000	-8.50000	-21.630	-8.9310	-0.0076555	-4.6125	35.119E-6
	-4.00000	9.00000	-8.50000	-23.938	-8.9310	-0.012282	-5.7435	43.604E-6
	-3.00000	9.00000	-8.50000	-26.623	-8.9310	-0.021337	-7.3610	55.625E-6
	-2.00000	9.00000	-8.50000	-29.797	-8.9310	-0.041668	-9.8304	73.678E-6
	-1.00000	9.00000	-8.50000	-33.635	-8.9310	-0.097981	-13.996	103.11E-6
	0.00000	9.00000	-8.50000	-38.444	-8.9310	-0.32142	-22.324	156.85E-6
	1.00000	9.00000	-8.50000	-44.880	-8.9310	-2.2132	-45.926	251.08E-6
	2.00000	9.00000	-8.50000	-56.288	-8.9310	-79.999	-187.97	-0.0022458
	3.00000	9.00000	-8.50000	-67.667	-8.9310	-157.79	-330.00	-0.0047428
	4.00000	9.00000	-8.50000	-74.016	-8.9310	-159.68	-353.56	-0.0046489
	5.00000	9.00000	-8.50000	-78.685	-8.9310	-159.90	-361.82	-0.0045957
	6.00000	9.00000	-8.50000	-82.337	-8.9310	-159.96	-365.91	-0.0045668
	7.00000	9.00000	-8.50000	-85.287	-8.9310	-159.98	-368.29	-0.0045494
	8.00000	9.00000	-8.50000	-87.715	-8.9310	-159.98	-369.82	-0.0045381
	9.00000	9.00000	-8.50000	-89.738	-8.9310	-159.99	-370.87	-0.0045302
	10.00000	9.00000	-8.50000	-91.435	-8.9310	-159.99	-371.61	-0.0045246
	11.00000	9.00000	-8.50000	-92.864	-8.9310	-159.99	-372.16	-0.0045205
	12.00000	9.00000	-8.50000	-94.065	-8.9310	-159.99	-372.57	-0.0045173
	13.00000	9.00000	-8.50000	-95.071	-8.9310	-159.99	-372.89	-0.0045149
	14.00000	9.00000	-8.50000	-95.904	-8.9310	-159.99	-373.13	-0.0045131
	15.00000	9.00000	-8.50000	-96.583	-8.9310	-159.99	-373.31	-0.0045117
	16.00000	9.00000	-8.50000	-97.122	-8.9310	-160.00	-373.45	-0.0045106
	17.00000	9.00000	-8.50000	-97.530	-8.9310	-160.00	-373.55	-0.0045099
	18.00000	9.00000	-8.50000	-97.815	-8.9310	-160.00	-373.62	-0.0045093
	19.00000	9.00000	-8.50000	-97.981	-8.9310	-160.00	-373.66	-0.0045090
	20.00000	9.00000	-8.50000	-98.032	-8.9310	-160.00	-373.67	-0.0045089
	21.00000	9.00000	-8.50000	-97.966	-8.9310	-160.00	-373.66	-0.0045091
	22.00000	9.00000	-8.50000	-97.784	-8.9310	-160.00	-373.61	-0.0045094
	23.00000	9.00000	-8.50000	-97.481	-8.9310	-160.00	-373.54	-0.0045100
	24.00000	9.00000	-8.50000	-97.052	-8.9310	-160.00	-373.43	-0.0045108
	25.00000	9.00000	-8.50000	-96.489	-8.9310	-159.99	-373.29	-0.0045119
	26.00000	9.00000	-8.50000	-95.781	-8.9310	-159.99	-373.09	-0.0045134
	27.00000	9.00000	-8.50000	-94.912	-8.9310	-159.99	-372.84	-0.0045153
	28.00000	9.00000	-8.50000	-93.866	-8.9310	-159.99	-372.51	-0.0045178
	29.00000	9.00000	-8.50000	-92.618	-8.9310	-159.99	-372.08	-0.0045211
	30.00000	9.00000	-8.50000	-91.136	-8.9310	-159.99	-371.51	-0.0045254
	31.00000	9.00000	-8.50000	-89.379	-8.9310	-159.99	-370.73	-0.0045312
	32.00000	9.00000	-8.50000	-87.291	-8.9310	-159.98	-369.66	-0.0045393
	33.00000	9.00000	-8.50000	-84.795	-8.9310	-159.98	-368.09	-0.0045509
	34.00000	9.00000	-8.50000	-81.775	-8.9310	-159.96	-365.67	-0.0045686
	35.00000	9.00000	-8.50000	-78.053	-8.9310	-159.90	-361.54	-0.0045978
	36.00000	9.00000	-8.50000	-73.321	-8.9310	-159.68	-353.24	-0.0046513
	37.00000	9.00000	-8.50000	-66.918	-8.9310	-157.78	-329.64	-0.0047455
	38.00000	9.00000	-8.50000	-55.499	-8.9310	-79.998	-187.59	-0.0022487
	39.00000	9.00000	-8.50000	-44.067	-8.9310	-2.2120	-45.540	248.16E-6
	40.00000	9.00000	-8.50000	-37.627	-8.9310	-0.32026	-21.942	153.97E-6
	41.00000	9.00000	-8.50000	-32.831	-8.9310	-0.096930	-13.632	100.36E-6
	42.00000	9.00000	-8.50000	-29.021	-8.9310	-0.040764	-9.4948	71.139E-6
	43.00000	9.00000	-8.50000	-25.886	-8.9310	-0.020593	-7.0596	53.342E-6
	44.00000	9.00000	-8.50000	-23.247	-8.9310	-0.011688	-5.4781	41.590E-6
	45.00000	9.00000	-8.50000	-20.990	-8.9310	-0.0071906	-4.3821	33.369E-6
	46.00000	9.00000	-8.50000	-19.035	-8.9310	-0.0046937	-3.5866	27.366E-6
	47.00000	9.00000	-8.50000	-17.326	-8.9310	-0.0032063	-2.9888	22.838E-6
	48.00000	9.00000	-8.50000	-15.819	-8.9310	-0.0022708	-2.5272	19.331E-6
	49.00000	9.00000	-8.50000	-14.481	-8.9310	-0.0016563	-2.1628	16.557E-6
	50.00000	9.00000	-8.50000	-13.288	-8.9310	-0.0012380	-1.8700	14.324E-6
	51.00000	9.00000	-8.50000	-12.217	-8.9310	-944.64E-6	-1.6309	12.499E-6
	52.00000	9.00000	-8.50000	-11.253	-8.9310	-733.69E-6	-1.4333	10.989E-6
	53.00000	9.00000	-8.50000	-10.382	-8.9310	-578.66E-6	-1.2680	9.7252E-6
	54.00000	9.00000	-8.50000	-9.5919	-8.9310	-462.56E-6	-1.1285	8.6574E-6
	55.00000	9.00000	-8.50000	-8.8733	-8.9310	-374.17E-6	-1.0096	7.7474E-6
	56.00000	9.00000	-8.50000	-8.2180	-8.9310	-305.88E-6	-0.90761	6.9659E-6
	57.00000	9.00000	-8.50000	-7.6190	-8.9310	-252.43E-6	-0.81942	6.2901E-6
	58.00000	9.00000	-8.50000	-7.0705	-8.9310	-210.10E-6	-0.74272	5.7022E-6
	59.00000	9.00000	-8.50000	-6.5671	-8.9310	-176.23E-6	-0.67564	5.1879E-6
	60.00000	9.00000	-8.50000	-6.1044	-8.9310	-148.87E-6	-0.61666	4.7356E-6
	-20.00000	10.00000	-8.50000	-6.3249	-8.9310	-166.01E-6	-0.64903	4.9837E-6
	-19.00000	10.00000	-8.50000	-6.8110	-8.9310	-197.36E-6	-0.71295	5.4739E-6
	-18.00000	10.00000	-8.50000	-7.3406	-8.9310	-236.30E-6	-0.78588	6.0329E-6
	-17.00000	10.00000	-8.50000	-7.9186	-8.9310	-285.09E-6	-0.86949	6.6737E-6
	-16.00000	10.00000	-8.50000	-8.5506	-8.9310	-346.87E-6	-0.96589	7.4122E-6
	-15.00000	10.00000	-8.50000	-9.2429	-8.9310	-425.93E-6	-1.0777	8.2684E-6
	-14.00000	10.00000	-8.50000	-10.003	-8.9310	-528.38E-6	-1.2083	9.2678E-6
	-13.00000	10.00000	-8.50000	-10.840	-8.9310	-662.95E-6	-1.3618	10.443E-6
	-12.00000	10.00000	-8.50000	-11.764	-8.9310	-842.44E-6	-1.5439	11.835E-6
	-11.00000	10.00000	-8.50000	-12.787	-8.9310	-0.0010860	-1.7618	13.499E-6
	-10.00000	10.00000	-8.50000	-13.923	-8.9310	-0.0014232	-2.0253	15.510E-6
	-9.00000	10.00000	-8.50000	-15.190	-8.9310	-0.0019009	-2.3477	17.968E-6
	-8.00000	10.00000	-8.50000	-16.609	-8.9310	-0.0025962	-2.7477	21.011E-6
	-7.00000	10.00000	-8.50000	-18.206	-8.9310	-0.0036417	-3.2520	24.842E-6
	-6.00000	10.00000	-8.50000	-20.013	-8.9310	-0.0052786	-3.9007	29.755E-6
	-5.00000	10.00000	-8.50000	-22.072	-8.9310	-0.0079768	-4.7559	36.207E-6
	-4.00000	10.00000	-8.50000	-24.439	-8.9310	-0.012738	-5.9203	44.943E-6
	-3.00000	10.00000	-8.50000	-27.188	-8.9310	-0.021974	-7.5773	57.260E-6
	-2.00000	10.00000	-8.50000	-30.430	-8.9310	-0.042528	-10.091	75.640E-6
	-1.00000	10.00000	-8.50000	-34.337	-8.9310	-0.099084	-14.302	105.41E-6
	0.00000	10.00000	-8.50000	-39.212	-8.9310	-0.32274	-22.671	159.46E-6
	1.00000	10.00000	-8.50000	-45.709	-8.9310	-2.2146	-46.306	253.93E-6
	2.00000	10.00000	-8.50000	-57.170	-8.9310	-80.001	-188.37	-0.0022428
	3.00000	10.00000	-8.50000	-68.593	-8.9310	-157.79	-330.41	-0.0047398
	4.00000	10.00000	-8.50000	-74.979	-8.9310	-159.68	-353.97	-0.0046458
	5.00000	10.00000	-8.50000	-79.680	-8.9310	-159.90	-362.23	-0.0045926
	6.00000	10.00000	-8.50000	-83.361	-8.9310	-159.96	-366.32	-0.0045637
	7.00000	10.00000	-8.50000	-86.337	-8.9310	-159.98	-368.70	-0.0045463
	8.00000	10.00000	-8.50000	-88.788	-8.9310	-159.99	-370.24	-0.0045349
	9.00000	10.00000	-8.50000	-90.833	-8.9310	-159.99	-371.28	-0.0045271
	10.00000	10.00000	-8.50000	-92.550	-8.9310	-159.99	-372.03	-0.0045214
	11.00000	10.00000	-8.50000	-93.996	-8.9310	-159.99	-372.58	-0.0045172
	12.00000	10.00000	-8.50000	-95.214	-8.9310	-159.99	-373.00	-0.0045141
	13.00000	10.00000	-8.50000	-96.233	-8.9310	-160.00	-373.32	-0.0045117
	14.00000	10.00000	-8.50000	-97.079	-8.9310	-160.00	-373.56	-0.0045098
	15.00000	10.00000	-8.50000	-97.769	-8.9310	-160.00	-373.75	-0.0045084
	16.00000	10.00000	-8.50000	-98.316	-8.9310	-160.00	-373.89	-0.0045073
	17.00000	10.00000	-8.50000	-98.731	-8.9310	-160.00	-373.99	-0.0045065
	18.00000	10.00000	-8.50000	-99.022	-8.9310	-160.00	-374.06	-0.0045060
	19.00000	10.00000	-8.50000	-99.192	-8.9310	-160.00	-374.10	-0.0045057
	20.00000	10.00000	-8.50000	-99.244	-8.9310	-160.00	-374.11	-0.0045056
	21.00000	10.00000	-8.50000	-99.178	-8.9310	-160.00	-374.10	-0.0045057
	22.00000	10.00000	-8.50000	-98.994	-8.9310	-160.00	-374.05	-0.0045061
	23.00000	10.00000	-8.50000	-98.687	-8.9310	-160.00	-373.98	-0.0045066
	24.00000	10.00000	-8.50000	-98.251	-8.9310	-160.00	-373.87	-0.0045075
	25.00000	10.00000

Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	48.00000	10.00000	-8.50000	-16.062	-8.9310	-0.0023153	-2.5749	19.696E-6
	49.00000	10.00000	-8.50000	-14.698	-8.9310	-0.0016907	-2.2031	16.865E-6
	50.00000	10.00000	-8.50000	-13.481	-8.9310	-0.0012647	-1.9041	14.585E-6
	51.00000	10.00000	-8.50000	-12.390	-8.9310	-965.52E-6	-1.6599	12.721E-6
	52.00000	10.00000	-8.50000	-11.408	-8.9310	-750.08E-6	-1.4580	11.178E-6
	53.00000	10.00000	-8.50000	-10.520	-8.9310	-591.61E-6	-1.2891	9.8868E-6
	54.00000	10.00000	-8.50000	-9.7160	-8.9310	-472.84E-6	-1.1466	8.7959E-6
	55.00000	10.00000	-8.50000	-8.9846	-8.9310	-382.38E-6	-1.0252	7.8665E-6
	56.00000	10.00000	-8.50000	-8.3180	-8.9310	-312.47E-6	-0.92102	7.0687E-6
	57.00000	10.00000	-8.50000	-7.7091	-8.9310	-257.76E-6	-0.83104	6.3792E-6
	58.00000	10.00000	-8.50000	-7.1516	-8.9310	-214.43E-6	-0.75281	5.7796E-6
	59.00000	10.00000	-8.50000	-6.6403	-8.9310	-179.76E-6	-0.68443	5.2553E-6
	60.00000	10.00000	-8.50000	-6.1705	-8.9310	-151.76E-6	-0.62434	4.7945E-6
	-20.00000	11.00000	-8.50000	-6.3861	-8.9310	-169.84E-6	-0.65703	5.0450E-6
	-19.00000	11.00000	-8.50000	-6.8794	-8.9310	-202.20E-6	-0.72228	5.5454E-6
	-18.00000	11.00000	-8.50000	-7.4171	-8.9310	-242.45E-6	-0.79681	6.1167E-6
	-17.00000	11.00000	-8.50000	-8.0044	-8.9310	-292.98E-6	-0.88235	6.7722E-6
	-16.00000	11.00000	-8.50000	-8.6470	-8.9310	-357.07E-6	-0.98111	7.5288E-6
	-15.00000	11.00000	-8.50000	-9.3516	-8.9310	-439.27E-6	-1.0958	8.4071E-6
	-14.00000	11.00000	-8.50000	-10.126	-8.9310	-546.00E-6	-1.2299	9.4336E-6
	-13.00000	11.00000	-8.50000	-10.979	-8.9310	-686.49E-6	-1.3879	10.642E-6
	-12.00000	11.00000	-8.50000	-11.922	-8.9310	-874.30E-6	-1.5755	12.076E-6
	-11.00000	11.00000	-8.50000	-12.966	-8.9310	-0.0011298	-1.8004	13.794E-6
	-10.00000	11.00000	-8.50000	-14.127	-8.9310	-0.0014842	-2.0727	15.872E-6
	-9.00000	11.00000	-8.50000	-15.423	-8.9310	-0.0019873	-2.4064	18.415E-6
	-8.00000	11.00000	-8.50000	-16.876	-8.9310	-0.0027209	-2.8209	21.569E-6
	-7.00000	11.00000	-8.50000	-18.511	-8.9310	-0.0038252	-3.3441	25.541E-6
	-6.00000	11.00000	-8.50000	-20.363	-8.9310	-0.0055536	-4.0173	30.639E-6
	-5.00000	11.00000	-8.50000	-22.474	-8.9310	-0.0083951	-4.9044	37.330E-6
	-4.00000	11.00000	-8.50000	-24.899	-8.9310	-0.013379	-6.1099	46.371E-6
	-3.00000	11.00000	-8.50000	-27.713	-8.9310	-0.022948	-7.8180	59.066E-6
	-2.00000	11.00000	-8.50000	-31.024	-8.9310	-0.043962	-10.391	77.886E-6
	-1.00000	11.00000	-8.50000	-34.999	-8.9310	-0.10106	-14.665	108.12E-6
	0.00000	11.00000	-8.50000	-39.936	-8.9310	-0.32519	-23.089	162.56E-6
	1.00000	11.00000	-8.50000	-46.482	-8.9310	-2.2173	-46.756	257.26E-6
	2.00000	11.00000	-8.50000	-57.979	-8.9310	-80.003	-188.82	-0.0022394
	3.00000	11.00000	-8.50000	-69.425	-8.9310	-157.79	-330.84	-0.0047365
	4.00000	11.00000	-8.50000	-75.824	-8.9310	-159.68	-354.38	-0.0046428
	5.00000	11.00000	-8.50000	-80.534	-8.9310	-159.90	-362.61	-0.0045897
	6.00000	11.00000	-8.50000	-84.222	-8.9310	-159.96	-366.67	-0.0045610
	7.00000	11.00000	-8.50000	-87.205	-8.9310	-159.98	-369.04	-0.0045437
	8.00000	11.00000	-8.50000	-89.665	-8.9310	-159.99	-370.56	-0.0045324
	9.00000	11.00000	-8.50000	-91.719	-8.9310	-159.99	-371.60	-0.0045246
	10.00000	11.00000	-8.50000	-93.446	-8.9310	-159.99	-372.35	-0.0045190
	11.00000	11.00000	-8.50000	-94.903	-8.9310	-159.99	-372.90	-0.0045148
	12.00000	11.00000	-8.50000	-96.130	-8.9310	-160.00	-373.32	-0.0045117
	13.00000	11.00000	-8.50000	-97.158	-8.9310	-160.00	-373.63	-0.0045093
	14.00000	11.00000	-8.50000	-98.013	-8.9310	-160.00	-373.88	-0.0045074
	15.00000	11.00000	-8.50000	-98.710	-8.9310	-160.00	-374.07	-0.0045060
	16.00000	11.00000	-8.50000	-99.264	-8.9310	-160.00	-374.21	-0.0045049
	17.00000	11.00000	-8.50000	-99.685	-8.9310	-160.00	-374.31	-0.0045041
	18.00000	11.00000	-8.50000	-99.980	-8.9310	-160.00	-374.38	-0.0045036
	19.00000	11.00000	-8.50000	-100.15	-8.9310	-160.00	-374.42	-0.0045032
	20.00000	11.00000	-8.50000	-100.21	-8.9310	-160.00	-374.44	-0.0045032
	21.00000	11.00000	-8.50000	-100.14	-8.9310	-160.00	-374.42	-0.0045033
	22.00000	11.00000	-8.50000	-99.958	-8.9310	-160.00	-374.38	-0.0045036
	23.00000	11.00000	-8.50000	-99.648	-8.9310	-160.00	-374.30	-0.0045042
	24.00000	11.00000	-8.50000	-99.207	-8.9310	-160.00	-374.19	-0.0045050
	25.00000	11.00000	-8.50000	-98.627	-8.9310	-160.00	-374.04	-0.0045062
	26.00000	11.00000	-8.50000	-97.896	-8.9310	-160.00	-373.84	-0.0045077
	27.00000	11.00000	-8.50000	-97.000	-8.9310	-160.00	-373.58	-0.0045097
	28.00000	11.00000	-8.50000	-95.918	-8.9310	-160.00	-373.24	-0.0045123
	29.00000	11.00000	-8.50000	-94.628	-8.9310	-159.99	-372.79	-0.0045157
	30.00000	11.00000	-8.50000	-93.096	-8.9310	-159.99	-372.20	-0.0045201
	31.00000	11.00000	-8.50000	-91.281	-8.9310	-159.99	-371.41	-0.0045261
	32.00000	11.00000	-8.50000	-89.127	-8.9310	-159.99	-370.31	-0.0045344
	33.00000	11.00000	-8.50000	-86.556	-8.9310	-159.98	-368.71	-0.0045462
	34.00000	11.00000	-8.50000	-83.452	-8.9310	-159.96	-366.26	-0.0045642
	35.00000	11.00000	-8.50000	-79.640	-8.9310	-159.90	-362.09	-0.0045936
	36.00000	11.00000	-8.50000	-74.810	-8.9310	-159.68	-353.74	-0.0046475
	37.00000	11.00000	-8.50000	-68.305	-8.9310	-157.78	-330.11	-0.0047420
	38.00000	11.00000	-8.50000	-56.781	-8.9310	-79.999	-188.01	-0.0022455
	39.00000	11.00000	-8.50000	-45.243	-8.9310	-2.2127	-45.905	250.94E-6
	40.00000	11.00000	-8.50000	-38.699	-8.9310	-0.32082	-22.262	156.40E-6
	41.00000	11.00000	-8.50000	-33.803	-8.9310	-0.097384	-13.909	102.47E-6
	42.00000	11.00000	-8.50000	-29.897	-8.9310	-0.041125	-9.7319	72.946E-6
	43.00000	11.00000	-8.50000	-26.673	-8.9310	-0.020877	-7.2616	54.882E-6
	44.00000	11.00000	-8.50000	-23.953	-8.9310	-0.011910	-5.6494	42.897E-6
	45.00000	11.00000	-8.50000	-21.621	-8.9310	-0.0073625	-4.5270	34.475E-6
	46.00000	11.00000	-8.50000	-19.598	-8.9310	-0.0048267	-3.7090	28.301E-6
	47.00000	11.00000	-8.50000	-17.828	-8.9310	-0.0033093	-3.0922	23.628E-6
	48.00000	11.00000	-8.50000	-16.267	-8.9310	-0.0023507	-2.6146	19.999E-6
	49.00000	11.00000	-8.50000	-14.881	-8.9310	-0.0017184	-2.2368	17.123E-6
	50.00000	11.00000	-8.50000	-13.645	-8.9310	-0.0012865	-1.9327	14.804E-6
	51.00000	11.00000	-8.50000	-12.537	-8.9310	-982.68E-6	-1.6843	12.908E-6
	52.00000	11.00000	-8.50000	-11.539	-8.9310	-763.66E-6	-1.4788	11.338E-6
	53.00000	11.00000	-8.50000	-10.638	-8.9310	-602.40E-6	-1.3070	10.023E-6
	54.00000	11.00000	-8.50000	-9.8213	-8.9310	-481.46E-6	-1.1619	8.9134E-6
	55.00000	11.00000	-8.50000	-9.0792	-8.9310	-389.29E-6	-1.0384	7.9677E-6
	56.00000	11.00000	-8.50000	-8.4030	-8.9310	-318.05E-6	-0.93242	7.1561E-6
	57.00000	11.00000	-8.50000	-7.7855	-8.9310	-262.27E-6	-0.84091	6.4549E-6
	58.00000	11.00000	-8.50000	-7.2205	-8.9310	-218.10E-6	-0.76139	5.8454E-6
	59.00000	11.00000	-8.50000	-6.7025	-8.9310	-182.76E-6	-0.69191	5.3127E-6
	60.00000	11.00000	-8.50000	-6.2267	-8.9310	-154.22E-6	-0.63088	4.8447E-6
	-20.00000	12.00000	-8.50000	-6.4364	-8.9310	-173.25E-6	-0.66378	5.0968E-6
	-19.00000	12.00000	-8.50000	-6.9357	-8.9310	-206.54E-6	-0.73020	5.6061E-6
	-18.00000	12.00000	-8.50000	-7.4804	-8.9310	-248.02E-6	-0.80613	6.1881E-6
	-17.00000	12.00000	-8.50000	-8.0756	-8.9310	-300.20E-6	-0.89341	6.8569E-6
	-16.00000	12.00000	-8.50000	-8.7272	-8.9310	-366.52E-6	-0.99428	7.6296E-6
	-15.00000	12.00000	-8.50000	-9.4423	-8.9310	-451.78E-6	-1.1116	8.5280E-6
	-14.00000	12.00000	-8.50000	-10.229	-8.9310	-562.78E-6	-1.2490	9.5795E-6
	-13.00000	12.00000	-8.50000	-11.096	-8.9310	-709.32E-6	-1.4111	10.819E-6
	-12.00000	12.00000	-8.50000	-12.055	-8.9310	-905.85E-6	-1.6040	12.293E-6
	-11.00000	12.00000	-8.50000	-13.118	-8.9310	-0.0011742	-1.8356	14.062E-6
	-10.00000	12.00000	-8.50000	-14.302	-8.9310	-0.0015480	-2.1166	16.207E-6
	-9.00000	12.00000	-8.50000	-15.625	-8.9310	-0.0020811	-2.4618	18.837E-6
	-8.00000	12.00000	-8.50000	-17.108	-8.9310	-0.0028624	-2.8917	22.107E-6
	-7.00000	12.00000	-8.50000	-18.781	-8.9310	-0.0040451	-3.4358	26.236E-6
	-6.00000	12.00000	-8.50000	-20.677	-8.9310	-0.0059062	-4.1378	31.549E-6
	-5.00000	12.00000	-8.50000	-22.840	-8.9310	-0.0089784	-5.0650	38.538E-6
	-4.00000	12.00000	-8.50000	-25.326	-8.9310	-0.014369	-6.3266	47.991E-6
	-3.00000	12.00000	-8.50000	-28.210	-8.9310	-0.024646	-8.1119	61.247E-6
	-2.00000	12.00000	-8.50000	-31.597	-8.9310	-0.046812	-10.786	80.789E-6
	-1.00000	12.00000	-8.50000	-35.650	-8.9310	-0.10551	-15.175	111.83E-6
	0.00000	12.00000	-8.50000	-40.655	-8.9310	-0.33124	-23.701	166.99E-6
	1.00000	12.00000	-8.50000	-47.247	-8.9310	-2.2241	-47.418	262.04E-6
	2.00000	12.00000	-8.50000	-58.760	-8.9310	-80.009	-189.46	-0.0022348
	3.00000	12.00000	-8.50000	-70.199	-8.9310	-157.79	-331.40	-0.0047324
	4.00000	12.00000	-8.50000	-76.580	-8.9310	-159.68	-354.84	-0.0046393
	5.00000	12.00000	-8.50000	-81.269	-8.9310	-159.90	-363.00	-0.0045868
	6.00000	12.00000	-8.50000	-84.940	-8.9310	-159.96	-367.00	-0.0045586
	7.00000	12.00000	-8.50000	-87.911	-8.9310	-159.98	-369.33	-0.0045415
	8.00000	12.00000	-8.50000	-90.365	-8.9310	-159.99	-370.83	-0.0045304
	9.00000	12.00000	-8.50000	-92.417	-8.9310	-159.99	-371.85	-0.0045227
	10.00000	12.00000	-8.50000	-94.144	-8.9310	-159.99	-372.59	-0.0045172
	11.00000	12.00000	-8.50000	-95.602	-8.9310	-159.99	-373.14	-0.0045131
	12.00000	12.00000	-8.50000	-96.833	-8.9310	-160.00	-373.55	-0.0045099
	13.00000	12.00000	-8.50000	-97.866	-8.9310	-160.00	-373.86	-0.0045075
	14.00000	12.00000	-8.50000	-98.725	-8.9310	-160.00	-374.11	-0.0045057
	15.00000	12.00000	-8.50000	-99.428	-8.9310	-160.00	-374.30	-0.0045042
	16.00000	12.00000	-8.50000	-99.987	-8.9310	-160.00	-374.44	-0.0045031
	17.00000	12.00000	-8.50000	-100.41	-8.9310	-160.00	-374.54	-0.0045023
	18.00000	12.00000	-8.50000	-100.71	-8.9310	-160.00	-374.61	-0.0045018
	19.00000	12.00000	-8.50000	-100.89	-8.9310	-160.00	-374.66	-0.0045015
	20.00000	12.00000	-8.50000	-100.95	-8.9310	-160.00	-374.67	-0.0045014
	21.00000	12.00000	-8.50000	-100.88	-8.9310	-160.00	-374.65	-0.0045015
	22.00000	12.00000	-8.50000	-100.70	-8.9310	-160.00	-374.61	-0.0045018
	23.00000	12.00000	-8.50000	-100.39	-8.9310	-160.00	-374.54	-0.0045024
	24.00000	12.00000	-8.50000	-99.943	-8.9310	-160.00	-374.42	-0.0045032
	25.00000	12.00000	-8.50000	-99.359	-8.9310	-160.00	-374.27	-0.0045044
	26.00000	12.00000	-8.50000	-98.622	-8.9310	-160.00	-374.07	-0.0045059

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	27.00000	12.00000	-8.50000	-97.717	-8.9310	-160.00	-373.81	-0.0045080
	28.00000	12.00000	-8.50000	-96.625	-8.9310	-160.00	-373.46	-0.0045106
	29.00000	12.00000	-8.50000	-95.321	-8.9310	-159.99	-373.01	-0.0045140
	30.00000	12.00000	-8.50000	-93.773	-8.9310	-159.99	-372.42	-0.0045185
	31.00000	12.00000	-8.50000	-91.939	-8.9310	-159.99	-371.62	-0.0045245
	32.00000	12.00000	-8.50000	-89.763	-8.9310	-159.99	-370.51	-0.0045328
	33.00000	12.00000	-8.50000	-87.166	-8.9310	-159.98	-368.91	-0.0045448
	34.00000	12.00000	-8.50000	-84.035	-8.9310	-159.96	-366.44	-0.0045628
	35.00000	12.00000	-8.50000	-80.193	-8.9310	-159.90	-362.26	-0.0045923
	36.00000	12.00000	-8.50000	-75.331	-8.9310	-159.68	-353.90	-0.0046463
	37.00000	12.00000	-8.50000	-68.793	-8.9310	-157.79	-330.25	-0.0047409
	38.00000	12.00000	-8.50000	-57.234	-8.9310	-79.999	-188.14	-0.0022445
	39.00000	12.00000	-8.50000	-45.661	-8.9310	-2.2128	-46.024	251.84E-6
	40.00000	12.00000	-8.50000	-39.082	-8.9310	-0.32098	-22.367	157.20E-6
	41.00000	12.00000	-8.50000	-34.152	-8.9310	-0.097512	-14.001	103.17E-6
	42.00000	12.00000	-8.50000	-30.214	-8.9310	-0.041230	-9.8123	73.559E-6
	43.00000	12.00000	-8.50000	-26.960	-8.9310	-0.020962	-7.3311	55.413E-6
	44.00000	12.00000	-8.50000	-24.211	-8.9310	-0.011978	-5.7092	43.354E-6
	45.00000	12.00000	-8.50000	-21.852	-8.9310	-0.0074175	-4.5781	34.866E-6
	46.00000	12.00000	-8.50000	-19.806	-8.9310	-0.0048704	-3.7527	28.635E-6
	47.00000	12.00000	-8.50000	-18.014	-8.9310	-0.0033439	-3.1295	23.913E-6
	48.00000	12.00000	-8.50000	-16.434	-8.9310	-0.0023781	-2.6464	20.242E-6
	49.00000	12.00000	-8.50000	-15.031	-8.9310	-0.0017401	-2.2639	17.330E-6
	50.00000	12.00000	-8.50000	-13.779	-8.9310	-0.0013037	-1.9559	14.981E-6
	51.00000	12.00000	-8.50000	-12.656	-8.9310	-996.34E-6	-1.7041	13.059E-6
	52.00000	12.00000	-8.50000	-11.646	-8.9310	-774.55E-6	-1.4958	11.467E-6
	53.00000	12.00000	-8.50000	-10.734	-8.9310	-611.10E-6	-1.3215	10.135E-6
	54.00000	12.00000	-8.50000	-9.9073	-8.9310	-488.44E-6	-1.1744	9.0093E-6
	55.00000	12.00000	-8.50000	-9.1564	-8.9310	-394.91E-6	-1.0492	8.0504E-6
	56.00000	12.00000	-8.50000	-8.4724	-8.9310	-322.59E-6	-0.94175	7.2277E-6
	57.00000	12.00000	-8.50000	-7.8480	-8.9310	-265.95E-6	-0.84900	6.5170E-6
	58.00000	12.00000	-8.50000	-7.2768	-8.9310	-221.10E-6	-0.76842	5.8993E-6
	59.00000	12.00000	-8.50000	-6.7532	-8.9310	-185.22E-6	-0.69803	5.3597E-6
	60.00000	12.00000	-8.50000	-6.2725	-8.9310	-156.25E-6	-0.63623	4.8858E-6
	-20.00000	13.00000	-8.50000	-6.4754	-8.9310	-176.19E-6	-0.66923	5.1386E-6
	-19.00000	13.00000	-8.50000	-6.9796	-8.9310	-210.32E-6	-0.73663	5.6554E-6
	-18.00000	13.00000	-8.50000	-7.5298	-8.9310	-252.93E-6	-0.81377	6.2467E-6
	-17.00000	13.00000	-8.50000	-8.1314	-8.9310	-306.65E-6	-0.90253	6.9268E-6
	-16.00000	13.00000	-8.50000	-8.7905	-8.9310	-375.10E-6	-1.0053	7.7137E-6
	-15.00000	13.00000	-8.50000	-9.5142	-8.9310	-463.33E-6	-1.1249	8.6298E-6
	-14.00000	13.00000	-8.50000	-10.311	-8.9310	-578.57E-6	-1.2653	9.7038E-6
	-13.00000	13.00000	-8.50000	-11.190	-8.9310	-731.26E-6	-1.4331	10.973E-6
	-12.00000	13.00000	-8.50000	-12.163	-8.9310	-936.92E-6	-1.6289	12.484E-6
	-11.00000	13.00000	-8.50000	-13.243	-8.9310	-0.0012191	-1.8670	14.302E-6
	-10.00000	13.00000	-8.50000	-14.447	-8.9310	-0.0016147	-2.1568	16.512E-6
	-9.00000	13.00000	-8.50000	-15.793	-8.9310	-0.0021831	-2.5138	19.232E-6
	-8.00000	13.00000	-8.50000	-17.306	-8.9310	-0.0030237	-2.9602	22.626E-6
	-7.00000	13.00000	-8.50000	-19.013	-8.9310	-0.0043108	-3.5278	26.932E-6
	-6.00000	13.00000	-8.50000	-20.953	-8.9310	-0.0063643	-4.2644	32.501E-6
	-5.00000	13.00000	-8.50000	-23.169	-8.9310	-0.0098097	-5.2439	39.876E-6
	-4.00000	13.00000	-8.50000	-25.722	-8.9310	-0.015959	-6.5867	49.919E-6
	-3.00000	13.00000	-8.50000	-28.688	-8.9310	-0.027826	-8.4998	64.084E-6
	-2.00000	13.00000	-8.50000	-32.175	-8.9310	-0.053256	-11.370	84.980E-6
	-1.00000	13.00000	-8.50000	-36.335	-8.9310	-0.11780	-16.027	117.82E-6
	0.00000	13.00000	-8.50000	-41.436	-8.9310	-0.35082	-24.828	174.75E-6
	1.00000	13.00000	-8.50000	-48.080	-8.9310	-2.2473	-48.672	270.61E-6
	2.00000	13.00000	-8.50000	-59.583	-8.9310	-80.029	-190.60	-0.0022269
	3.00000	13.00000	-8.50000	-70.967	-8.9310	-157.81	-332.28	-0.0047262
	4.00000	13.00000	-8.50000	-77.278	-8.9310	-159.69	-355.47	-0.0046348
	5.00000	13.00000	-8.50000	-81.906	-8.9310	-159.91	-363.44	-0.0045835
	6.00000	13.00000	-8.50000	-85.531	-8.9310	-159.96	-367.33	-0.0045561
	7.00000	13.00000	-8.50000	-88.469	-8.9310	-159.98	-369.59	-0.0045396
	8.00000	13.00000	-8.50000	-90.900	-8.9310	-159.99	-371.05	-0.0045288
	9.00000	13.00000	-8.50000	-92.937	-8.9310	-159.99	-372.05	-0.0045213
	10.00000	13.00000	-8.50000	-94.655	-8.9310	-159.99	-372.77	-0.0045158
	11.00000	13.00000	-8.50000	-96.108	-8.9310	-160.00	-373.30	-0.0045118
	12.00000	13.00000	-8.50000	-97.337	-8.9310	-160.00	-373.71	-0.0045087
	13.00000	13.00000	-8.50000	-98.370	-8.9310	-160.00	-374.02	-0.0045063
	14.00000	13.00000	-8.50000	-99.231	-8.9310	-160.00	-374.26	-0.0045045
	15.00000	13.00000	-8.50000	-99.936	-8.9310	-160.00	-374.45	-0.0045030
	16.00000	13.00000	-8.50000	-100.50	-8.9310	-160.00	-374.59	-0.0045020
	17.00000	13.00000	-8.50000	-100.93	-8.9310	-160.00	-374.70	-0.0045012
	18.00000	13.00000	-8.50000	-101.23	-8.9310	-160.00	-374.77	-0.0045006
	19.00000	13.00000	-8.50000	-101.41	-8.9310	-160.00	-374.81	-0.0045003
	20.00000	13.00000	-8.50000	-101.47	-8.9310	-160.00	-374.83	-0.0045002
	21.00000	13.00000	-8.50000	-101.41	-8.9310	-160.00	-374.81	-0.0045003
	22.00000	13.00000	-8.50000	-101.23	-8.9310	-160.00	-374.77	-0.0045006
	23.00000	13.00000	-8.50000	-100.92	-8.9310	-160.00	-374.70	-0.0045012
	24.00000	13.00000	-8.50000	-100.47	-8.9310	-160.00	-374.59	-0.0045020
	25.00000	13.00000	-8.50000	-99.889	-8.9310	-160.00	-374.43	-0.0045032
	26.00000	13.00000	-8.50000	-99.149	-8.9310	-160.00	-374.23	-0.0045047
	27.00000	13.00000	-8.50000	-98.239	-8.9310	-160.00	-373.97	-0.0045067
	28.00000	13.00000	-8.50000	-97.141	-8.9310	-160.00	-373.62	-0.0045094
	29.00000	13.00000	-8.50000	-95.828	-8.9310	-159.99	-373.17	-0.0045128
	30.00000	13.00000	-8.50000	-94.269	-8.9310	-159.99	-372.57	-0.0045173
	31.00000	13.00000	-8.50000	-92.423	-8.9310	-159.99	-371.77	-0.0045234
	32.00000	13.00000	-8.50000	-90.231	-8.9310	-159.99	-370.65	-0.0045317
	33.00000	13.00000	-8.50000	-87.617	-8.9310	-159.98	-369.04	-0.0045437
	34.00000	13.00000	-8.50000	-84.467	-8.9310	-159.96	-366.57	-0.0045618
	35.00000	13.00000	-8.50000	-80.604	-8.9310	-159.90	-362.38	-0.0045914
	36.00000	13.00000	-8.50000	-75.719	-8.9310	-159.68	-354.02	-0.0046454
	37.00000	13.00000	-8.50000	-69.156	-8.9310	-157.79	-330.36	-0.0047401
	38.00000	13.00000	-8.50000	-57.572	-8.9310	-79.999	-188.23	-0.0022438
	39.00000	13.00000	-8.50000	-45.974	-8.9310	-2.2130	-46.109	252.49E-6
	40.00000	13.00000	-8.50000	-39.370	-8.9310	-0.32108	-22.443	157.78E-6
	41.00000	13.00000	-8.50000	-34.415	-8.9310	-0.097599	-14.068	103.69E-6
	42.00000	13.00000	-8.50000	-30.454	-8.9310	-0.041302	-9.8714	74.011E-6
	43.00000	13.00000	-8.50000	-27.177	-8.9310	-0.021022	-7.3826	55.806E-6
	44.00000	13.00000	-8.50000	-24.407	-8.9310	-0.012027	-5.7538	43.694E-6
	45.00000	13.00000	-8.50000	-22.029	-8.9310	-0.0074569	-4.6166	35.160E-6
	46.00000	13.00000	-8.50000	-19.965	-8.9310	-0.0049021	-3.7857	28.888E-6
	47.00000	13.00000	-8.50000	-18.157	-8.9310	-0.0033693	-3.1578	24.130E-6
	48.00000	13.00000	-8.50000	-16.562	-8.9310	-0.0023984	-2.6706	20.428E-6
	49.00000	13.00000	-8.50000	-15.145	-8.9310	-0.0017563	-2.2847	17.489E-6
	50.00000	13.00000	-8.50000	-13.881	-8.9310	-0.0013166	-1.9736	15.117E-6
	51.00000	13.00000	-8.50000	-12.748	-8.9310	-0.0010067	-1.7193	13.176E-6
	52.00000	13.00000	-8.50000	-11.728	-8.9310	-782.84E-6	-1.5088	11.567E-6
	53.00000	13.00000	-8.50000	-10.808	-8.9310	-617.75E-6	-1.3327	10.221E-6
	54.00000	13.00000	-8.50000	-9.9736	-8.9310	-493.80E-6	-1.1841	9.0833E-6
	55.00000	13.00000	-8.50000	-9.2159	-8.9310	-399.24E-6	-1.0575	8.1143E-6
	56.00000	13.00000	-8.50000	-8.5259	-8.9310	-326.10E-6	-0.94896	7.2830E-6
	57.00000	13.00000	-8.50000	-7.8962	-8.9310	-268.81E-6	-0.85525	6.5649E-6
	58.00000	13.00000	-8.50000	-7.3202	-8.9310	-223.43E-6	-0.77386	5.9411E-6
	59.00000	13.00000	-8.50000	-6.7923	-8.9310	-187.13E-6	-0.70277	5.3961E-6
	60.00000	13.00000	-8.50000	-6.3078	-8.9310	-157.82E-6	-0.64038	4.9175E-6
	-20.00000	14.00000	-8.50000	-6.5028	-8.9310	-178.62E-6	-0.67332	5.1699E-6
	-19.00000	14.

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	6.00000	14.00000	-8.50000	-86.001	-8.9310	-159.96	-367.69	-0.0045535
	7.00000	14.00000	-8.50000	-88.883	-8.9310	-159.98	-369.83	-0.0045378
	8.00000	14.00000	-8.50000	-91.275	-8.9310	-159.99	-371.23	-0.0045274
	9.00000	14.00000	-8.50000	-93.285	-8.9310	-159.99	-372.19	-0.0045202
	10.00000	14.00000	-8.50000	-94.985	-8.9310	-159.99	-372.89	-0.0045149
	11.00000	14.00000	-8.50000	-96.427	-8.9310	-160.00	-373.41	-0.0045110
	12.00000	14.00000	-8.50000	-97.649	-8.9310	-160.00	-373.81	-0.0045079
	13.00000	14.00000	-8.50000	-98.678	-8.9310	-160.00	-374.12	-0.0045056
	14.00000	14.00000	-8.50000	-99.537	-8.9310	-160.00	-374.35	-0.0045038
	15.00000	14.00000	-8.50000	-100.24	-8.9310	-160.00	-374.54	-0.0045024
	16.00000	14.00000	-8.50000	-100.81	-8.9310	-160.00	-374.68	-0.0045013
	17.00000	14.00000	-8.50000	-101.24	-8.9310	-160.00	-374.79	-0.0045005
	18.00000	14.00000	-8.50000	-101.54	-8.9310	-160.00	-374.86	-0.0044999
	19.00000	14.00000	-8.50000	-101.73	-8.9310	-160.00	-374.90	-0.0044996
	20.00000	14.00000	-8.50000	-101.79	-8.9310	-160.00	-374.92	-0.0044995
	21.00000	14.00000	-8.50000	-101.74	-8.9310	-160.00	-374.91	-0.0044996
	22.00000	14.00000	-8.50000	-101.56	-8.9310	-160.00	-374.87	-0.0044999
	23.00000	14.00000	-8.50000	-101.25	-8.9310	-160.00	-374.79	-0.0045004
	24.00000	14.00000	-8.50000	-100.81	-8.9310	-160.00	-374.68	-0.0045013
	25.00000	14.00000	-8.50000	-100.23	-8.9310	-160.00	-374.53	-0.0045024
	26.00000	14.00000	-8.50000	-99.488	-8.9310	-160.00	-374.33	-0.0045040
	27.00000	14.00000	-8.50000	-98.578	-8.9310	-160.00	-374.07	-0.0045060
	28.00000	14.00000	-8.50000	-97.478	-8.9310	-160.00	-373.72	-0.0045086
	29.00000	14.00000	-8.50000	-96.162	-8.9310	-159.99	-373.27	-0.0045120
	30.00000	14.00000	-8.50000	-94.598	-8.9310	-159.99	-372.67	-0.0045166
	31.00000	14.00000	-8.50000	-92.744	-8.9310	-159.99	-371.86	-0.0045227
	32.00000	14.00000	-8.50000	-90.544	-8.9310	-159.99	-370.75	-0.0045310
	33.00000	14.00000	-8.50000	-87.919	-8.9310	-159.98	-369.13	-0.0045430
	34.00000	14.00000	-8.50000	-84.757	-8.9310	-159.96	-366.65	-0.0045612
	35.00000	14.00000	-8.50000	-80.880	-8.9310	-159.90	-362.46	-0.0045908
	36.00000	14.00000	-8.50000	-75.981	-8.9310	-159.68	-354.09	-0.0046449
	37.00000	14.00000	-8.50000	-69.402	-8.9310	-157.79	-330.42	-0.0047396
	38.00000	14.00000	-8.50000	-57.802	-8.9310	-79.999	-188.30	-0.0022433
	39.00000	14.00000	-8.50000	-46.188	-8.9310	-2.2130	-46.167	252.93E-6
	40.00000	14.00000	-8.50000	-39.567	-8.9310	-0.32114	-22.494	158.18E-6
	41.00000	14.00000	-8.50000	-34.596	-8.9310	-0.097654	-14.114	104.04E-6
	42.00000	14.00000	-8.50000	-30.619	-8.9310	-0.041350	-9.9117	74.318E-6
	43.00000	14.00000	-8.50000	-27.327	-8.9310	-0.021061	-7.4178	56.075E-6
	44.00000	14.00000	-8.50000	-24.543	-8.9310	-0.012059	-5.7844	43.928E-6
	45.00000	14.00000	-8.50000	-22.152	-8.9310	-0.0074832	-4.6431	35.363E-6
	46.00000	14.00000	-8.50000	-20.075	-8.9310	-0.0049235	-3.8086	29.063E-6
	47.00000	14.00000	-8.50000	-18.256	-8.9310	-0.0033866	-3.1775	24.280E-6
	48.00000	14.00000	-8.50000	-16.651	-8.9310	-0.0024123	-2.6875	20.557E-6
	49.00000	14.00000	-8.50000	-15.225	-8.9310	-0.0017675	-2.2992	17.600E-6
	50.00000	14.00000	-8.50000	-13.953	-8.9310	-0.0013256	-1.9860	15.213E-6
	51.00000	14.00000	-8.50000	-12.812	-8.9310	-0.0010139	-1.7300	13.258E-6
	52.00000	14.00000	-8.50000	-11.786	-8.9310	-788.64E-6	-1.5180	11.638E-6
	53.00000	14.00000	-8.50000	-10.859	-8.9310	-622.43E-6	-1.3406	10.281E-6
	54.00000	14.00000	-8.50000	-10.020	-8.9310	-497.57E-6	-1.1909	9.1353E-6
	55.00000	14.00000	-8.50000	-9.2573	-8.9310	-402.29E-6	-1.0634	8.1592E-6
	56.00000	14.00000	-8.50000	-8.5632	-8.9310	-328.57E-6	-0.95403	7.3218E-6
	57.00000	14.00000	-8.50000	-7.9297	-8.9310	-270.83E-6	-0.85964	6.5986E-6
	58.00000	14.00000	-8.50000	-7.3503	-8.9310	-225.08E-6	-0.77768	5.9703E-6
	59.00000	14.00000	-8.50000	-6.8195	-8.9310	-188.48E-6	-0.70610	5.4216E-6
	60.00000	14.00000	-8.50000	-6.3324	-8.9310	-158.93E-6	-0.64328	4.9398E-6
	-20.00000	15.00000	-8.50000	-6.5183	-8.9310	-180.50E-6	-0.67597	5.1903E-6
	-19.00000	15.00000	-8.50000	-7.0283	-8.9310	-216.00E-6	-0.74475	5.7175E-6
	-18.00000	15.00000	-8.50000	-7.5854	-8.9310	-260.50E-6	-0.82361	6.3219E-6
	-17.00000	15.00000	-8.50000	-8.1951	-8.9310	-316.87E-6	-0.91455	7.0188E-6
	-16.00000	15.00000	-8.50000	-8.8638	-8.9310	-389.09E-6	-1.0201	7.8270E-6
	-15.00000	15.00000	-8.50000	-9.5989	-8.9310	-482.78E-6	-1.1434	8.7708E-6
	-14.00000	15.00000	-8.50000	-10.409	-8.9310	-606.08E-6	-1.2885	9.8811E-6
	-13.00000	15.00000	-8.50000	-11.305	-8.9310	-770.93E-6	-1.4607	11.198E-6
	-12.00000	15.00000	-8.50000	-12.298	-8.9310	-995.40E-6	-1.6671	12.775E-6
	-11.00000	15.00000	-8.50000	-13.403	-8.9310	-0.0013076	-1.9170	14.682E-6
	-10.00000	15.00000	-8.50000	-14.637	-8.9310	-0.0017526	-2.2233	17.017E-6
	-9.00000	15.00000	-8.50000	-16.022	-8.9310	-0.0024059	-2.6043	19.917E-6
	-8.00000	15.00000	-8.50000	-17.583	-8.9310	-0.0033998	-3.0862	23.577E-6
	-7.00000	15.00000	-8.50000	-19.355	-8.9310	-0.0049803	-3.7085	28.291E-6
	-6.00000	15.00000	-8.50000	-21.378	-8.9310	-0.0076391	-4.5333	34.511E-6
	-5.00000	15.00000	-8.50000	-23.709	-8.9310	-0.012455	-5.6633	42.979E-6
	-4.00000	15.00000	-8.50000	-26.420	-8.9310	-0.022100	-7.2814	54.978E-6
	-3.00000	15.00000	-8.50000	-29.616	-8.9310	-0.044393	-9.7463	72.905E-6
	-2.00000	15.00000	-8.50000	-33.446	-8.9310	-0.10813	-13.851	101.53E-6
	-1.00000	15.00000	-8.50000	-38.128	-8.9310	-0.35353	-21.588	149.71E-6
	0.00000	15.00000	-8.50000	-43.907	-8.9310	-1.3456	-37.115	223.35E-6
	1.00000	15.00000	-8.50000	-50.922	-8.9310	-3.8507	-65.472	325.83E-6
	2.00000	15.00000	-8.50000	-62.079	-8.9310	-81.024	-202.90	-0.0021783
	3.00000	15.00000	-8.50000	-72.809	-8.9310	-158.04	-337.86	-0.0046942
	4.00000	15.00000	-8.50000	-78.623	-8.9310	-159.74	-357.98	-0.0046181
	5.00000	15.00000	-8.50000	-82.931	-8.9310	-159.92	-364.72	-0.0045745
	6.00000	15.00000	-8.50000	-86.349	-8.9310	-159.97	-368.07	-0.0045507
	7.00000	15.00000	-8.50000	-89.151	-8.9310	-159.98	-370.06	-0.0045361
	8.00000	15.00000	-8.50000	-91.489	-8.9310	-159.99	-371.37	-0.0045264
	9.00000	15.00000	-8.50000	-93.463	-8.9310	-159.99	-372.28	-0.0045195
	10.00000	15.00000	-8.50000	-95.137	-8.9310	-159.99	-372.96	-0.0045144
	11.00000	15.00000	-8.50000	-96.561	-8.9310	-160.00	-373.46	-0.0045106
	12.00000	15.00000	-8.50000	-97.771	-8.9310	-160.00	-373.85	-0.0045076
	13.00000	15.00000	-8.50000	-98.792	-8.9310	-160.00	-374.15	-0.0045053
	14.00000	15.00000	-8.50000	-99.647	-8.9310	-160.00	-374.38	-0.0045036
	15.00000	15.00000	-8.50000	-100.35	-8.9310	-160.00	-374.57	-0.0045022
	16.00000	15.00000	-8.50000	-100.92	-8.9310	-160.00	-374.71	-0.0045011
	17.00000	15.00000	-8.50000	-101.35	-8.9310	-160.00	-374.81	-0.0045003
	18.00000	15.00000	-8.50000	-101.66	-8.9310	-160.00	-374.89	-0.0044997
	19.00000	15.00000	-8.50000	-101.85	-8.9310	-160.00	-374.93	-0.0044994
	20.00000	15.00000	-8.50000	-101.92	-8.9310	-160.00	-374.95	-0.0044992
	21.00000	15.00000	-8.50000	-101.87	-8.9310	-160.00	-374.94	-0.0044993
	22.00000	15.00000	-8.50000	-101.70	-8.9310	-160.00	-374.90	-0.0044996
	23.00000	15.00000	-8.50000	-101.40	-8.9310	-160.00	-374.83	-0.0045001
	24.00000	15.00000	-8.50000	-100.96	-8.9310	-160.00	-374.73	-0.0045009
	25.00000	15.00000	-8.50000	-100.38	-8.9310	-160.00	-374.58	-0.0045021
	26.00000	15.00000	-8.50000	-99.648	-8.9310	-160.00	-374.38	-0.0045036
	27.00000	15.00000	-8.50000	-98.741	-8.9310	-160.00	-374.11	-0.0045056
	28.00000	15.00000	-8.50000	-97.643	-8.9310	-160.00	-373.77	-0.0045082
	29.00000	15.00000	-8.50000	-96.329	-8.9310	-160.00	-373.32	-0.0045117
	30.00000	15.00000	-8.50000	-94.765	-8.9310	-159.99	-372.72	-0.0045162
	31.00000	15.00000	-8.50000	-92.910	-8.9310	-159.99	-371.91	-0.0045223
	32.00000	15.00000	-8.50000	-90.707	-8.9310	-159.99	-370.79	-0.0045307
	33.00000	15.00000	-8.50000	-88.079	-8.9310	-159.98	-369.18	-0.0045427
	34.00000	15.00000	-8.50000	-84.912	-8.9310	-159.96	-366.70	-0.0045608
	35.00000	15.00000	-8.50000	-81.029	-8.9310	-159.90	-362.51	-0.0045905
	36.00000	15.00000	-8.50000	-76.123	-8.9310	-159.68	-354.13	-0.0046445
	37.00000	15.00000	-8.50000	-69.537	-8.9310	-157.79	-330.46	-0.0047393
	38.00000	15.00000	-8.50000	-57.928	-8.9310	-79.999	-188.33	-0.0022430
	39.00000	15.00000	-8.50000	-46.305	-8.9310	-2.2131	-46.199	253.17E-6
	40.00000	15.00000	-8.50000	-39.676	-8.9310	-0.32118	-22.523	158.39E-6
	41.00000	15.00000	-8.50000	-34.696	-8.9310	-0.097685	-14.139	104.23E-6
	42.00000	15.00000	-8.50000	-30.711	-8.9310	-0.041376	-9.9343	74.491E-6
	43.00000	15.00000	-8.50000	-27.410	-8.9310	-0.021083	-7.4377	56.227E-6
	44.00000	15.00000	-8.50000	-24.618	-8.9310	-0.012077	-5.8018	44.061E-6
	45.00000	15.00000	-8.50000	-22.220	-8.9310	-0.0074982	-4.6582	35.478E-6
	46.00000	15.00000	-8.50000	-20.137	-8.9310	-0.0049357	-3.8216	29.163E-6
	47.00000	15.00000	-8.50000	-18.312	-8.9310	-0.0033965	-3.1887	24.366E-6
	48.00000	15.00000	-8.50000	-16.700	-8.9310	-0.0024204	-2.6972	20.631E-6
	49.00000	15.00000	-8.50000	-15.270	-8.9310	-0.0017740	-2.3075	17.664E-6
	50.00000	15.00000	-8.50000	-13.993	-8.9310	-0.0013308	-1.9932	15.267E-6
	51.00000	15.00000	-8.50000	-12.848	-8.9310	-0.0010181	-1.7361	13.304E-6
	52.00000	15.00000	-8.50000	-11.818	-8.9310	-792.03E-6	-1.5232	11.678E-6
	53.00000	15.00000	-8.50000	-10.888	-8.9310	-625.16E-6	-1.3451	10.316E-6
	54.00000	15.00000	-8.50000	-10.046	-8.9310	-499.78E-6	-1.1947	9.1651E-6
	55.00000	15.00000	-8.50000	-9.2805	-8.9310	-404.08E-6	-1.0667	8.1849E-6
	56.00000	15.00000	-8.50000	-8.5840	-8.9310	-330.03E-6	-0.95693	7.3440E-6
	57.00000	15.00000	-8.50000	-7.9484	-8.9310	-272.01E-6	-0.86215	6.6178E-6
	58.00000	15.00000	-8.50000	-7.3671	-8.9310	-226.05E-6	-0.77985	5.9870E-6
	59.00000	15.00000	-8.50000	-6.8347	-8.9310	-189.28E-6	-0.70800	5.4361E-6
	60.00000	15.00000	-8.50000	-6.3460	-8.9310	-159.58E-6	-0.64494	4.9525E-6
	-20.00000	16.00000	-8.50000	-6.5217	-8.9310	-181.78E-6	-0.67716	5.1994E-6
	-19.00000	16.00000	-8.50000	-7.0326	-8.9310	-217.77E-6	-0.74630	5.7293E-6
	-18.00000	16.00000	-8.50000	-7.5909	-8.9310	-262.99E-6	-0.82564	6.3375E-6
	-17.00000	16.00000	-8.50000	-8.2021	-8.9310	-320.40E-6	-0.91723	7.0392E-6
	-16.00000	16.00000	-8.50000	-8.8727	-8.9310	-394.16E-6	-1.0236	7.8542E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-15.00000	16.00000	-8.50000	-9.6104	-8.9310	-490.18E-6	-1.1481	8.8072E-6
	-14.00000	16.00000	-8.50000	-10.424	-8.9310	-617.04E-6	-1.2949	9.9303E-6
	-13.00000	16.00000	-8.50000	-11.324	-8.9310	-787.50E-6	-1.4696	11.265E-6
	-12.00000	16.00000	-8.50000	-12.322	-8.9310	-0.0010210	-1.6793	12.868E-6
	-11.00000	16.00000	-8.50000	-13.435	-8.9310	-0.0013481	-1.9342	14.812E-6
	-10.00000	16.00000	-8.50000	-14.679	-8.9310	-0.0018188	-2.2479	17.203E-6
	-9.00000	16.00000	-8.50000	-16.077	-8.9310	-0.0025180	-2.6400	20.187E-6
	-8.00000	16.00000	-8.50000	-17.658	-8.9310	-0.0035985	-3.1396	23.979E-6
	-7.00000	16.00000	-8.50000	-19.455	-8.9310	-0.0053536	-3.7908	28.906E-6
	-6.00000	16.00000	-8.50000	-21.516	-8.9310	-0.0083966	-4.6651	35.490E-6
	-5.00000	16.00000	-8.50000	-23.902	-8.9310	-0.014162	-5.8866	44.617E-6
	-4.00000	16.00000	-8.50000	-26.699	-8.9310	-0.026578	-7.6910	57.921E-6
	-3.00000	16.00000	-8.50000	-30.037	-8.9310	-0.059213	-10.595	78.752E-6
	-2.00000	16.00000	-8.50000	-34.127	-8.9310	-0.18108	-16.019	114.84E-6
	-1.00000	16.00000	-8.50000	-39.389	-8.9310	-1.1552	-29.943	176.97E-6
	0.00000	16.00000	-8.50000	-47.647	-8.9310	-40.160	-105.19	-0.0010442
	1.00000	16.00000	-8.50000	-56.729	-8.9310	-79.999	-188.07	-0.0022450
	2.00000	16.00000	-8.50000	-65.803	-8.9310	-119.84	-270.96	-0.0034459
	3.00000	16.00000	-8.50000	-74.038	-8.9310	-158.84	-346.20	-0.0046670
	4.00000	16.00000	-8.50000	-79.260	-8.9310	-159.82	-360.13	-0.0046049
	5.00000	16.00000	-8.50000	-83.294	-8.9310	-159.94	-365.55	-0.0045688
	6.00000	16.00000	-8.50000	-86.557	-8.9310	-159.97	-368.45	-0.0045480
	7.00000	16.00000	-8.50000	-89.262	-8.9310	-159.98	-370.25	-0.0045348
	8.00000	16.00000	-8.50000	-91.536	-8.9310	-159.99	-371.46	-0.0045257
	9.00000	16.00000	-8.50000	-93.464	-8.9310	-159.99	-372.33	-0.0045192
	10.00000	16.00000	-8.50000	-95.107	-8.9310	-159.99	-372.97	-0.0045143
	11.00000	16.00000	-8.50000	-96.508	-8.9310	-160.00	-373.45	-0.0045106
	12.00000	16.00000	-8.50000	-97.701	-8.9310	-160.00	-373.83	-0.0045078
	13.00000	16.00000	-8.50000	-98.712	-8.9310	-160.00	-374.12	-0.0045056
	14.00000	16.00000	-8.50000	-99.560	-8.9310	-160.00	-374.35	-0.0045038
	15.00000	16.00000	-8.50000	-100.26	-8.9310	-160.00	-374.53	-0.0045024
	16.00000	16.00000	-8.50000	-100.82	-8.9310	-160.00	-374.67	-0.0045013
	17.00000	16.00000	-8.50000	-101.26	-8.9310	-160.00	-374.78	-0.0045005
	18.00000	16.00000	-8.50000	-101.58	-8.9310	-160.00	-374.86	-0.0044999
	19.00000	16.00000	-8.50000	-101.77	-8.9310	-160.00	-374.90	-0.0044996
	20.00000	16.00000	-8.50000	-101.85	-8.9310	-160.00	-374.93	-0.0044994
	21.00000	16.00000	-8.50000	-101.81	-8.9310	-160.00	-374.92	-0.0044995
	22.00000	16.00000	-8.50000	-101.64	-8.9310	-160.00	-374.88	-0.0044997
	23.00000	16.00000	-8.50000	-101.35	-8.9310	-160.00	-374.82	-0.0045002
	24.00000	16.00000	-8.50000	-100.93	-8.9310	-160.00	-374.71	-0.0045010
	25.00000	16.00000	-8.50000	-100.36	-8.9310	-160.00	-374.57	-0.0045021
	26.00000	16.00000	-8.50000	-99.631	-8.9310	-160.00	-374.37	-0.0045036
	27.00000	16.00000	-8.50000	-98.732	-8.9310	-160.00	-374.11	-0.0045056
	28.00000	16.00000	-8.50000	-97.642	-8.9310	-160.00	-373.77	-0.0045082
	29.00000	16.00000	-8.50000	-96.333	-8.9310	-160.00	-373.32	-0.0045116
	30.00000	16.00000	-8.50000	-94.775	-8.9310	-159.99	-372.73	-0.0045161
	31.00000	16.00000	-8.50000	-92.925	-8.9310	-159.99	-371.92	-0.0045222
	32.00000	16.00000	-8.50000	-90.726	-8.9310	-159.99	-370.80	-0.0045306
	33.00000	16.00000	-8.50000	-88.100	-8.9310	-159.98	-369.19	-0.0045426
	34.00000	16.00000	-8.50000	-84.935	-8.9310	-159.96	-366.71	-0.0045607
	35.00000	16.00000	-8.50000	-81.053	-8.9310	-159.90	-362.52	-0.0045904
	36.00000	16.00000	-8.50000	-76.147	-8.9310	-159.68	-354.14	-0.0046445
	37.00000	16.00000	-8.50000	-69.561	-8.9310	-157.79	-330.47	-0.0047392
	38.00000	16.00000	-8.50000	-57.953	-8.9310	-79.999	-188.34	-0.0022430
	39.00000	16.00000	-8.50000	-46.329	-8.9310	-2.2131	-46.207	253.23E-6
	40.00000	16.00000	-8.50000	-39.698	-8.9310	-0.32119	-22.531	158.45E-6
	41.00000	16.00000	-8.50000	-34.717	-8.9310	-0.097694	-14.146	104.28E-6
	42.00000	16.00000	-8.50000	-30.730	-8.9310	-0.041383	-9.9403	74.536E-6
	43.00000	16.00000	-8.50000	-27.428	-8.9310	-0.021090	-7.4430	56.268E-6
	44.00000	16.00000	-8.50000	-24.635	-8.9310	-0.012083	-5.8064	44.097E-6
	45.00000	16.00000	-8.50000	-22.235	-8.9310	-0.0075027	-4.6622	35.509E-6
	46.00000	16.00000	-8.50000	-20.150	-8.9310	-0.0049394	-3.8251	29.189E-6
	47.00000	16.00000	-8.50000	-18.324	-8.9310	-0.0033995	-3.1917	24.389E-6
	48.00000	16.00000	-8.50000	-16.711	-8.9310	-0.0024228	-2.6997	20.651E-6
	49.00000	16.00000	-8.50000	-15.279	-8.9310	-0.0017760	-2.3096	17.680E-6
	50.00000	16.00000	-8.50000	-14.001	-8.9310	-0.0013324	-1.9950	15.281E-6
	51.00000	16.00000	-8.50000	-12.856	-8.9310	-0.0010194	-1.7377	13.317E-6
	52.00000	16.00000	-8.50000	-11.825	-8.9310	-793.05E-6	-1.5246	11.688E-6
	53.00000	16.00000	-8.50000	-10.894	-8.9310	-625.98E-6	-1.3463	10.325E-6
	54.00000	16.00000	-8.50000	-10.051	-8.9310	-500.44E-6	-1.1957	9.1727E-6
	55.00000	16.00000	-8.50000	-9.2853	-8.9310	-404.61E-6	-1.0676	8.1914E-6
	56.00000	16.00000	-8.50000	-8.5882	-8.9310	-330.46E-6	-0.95765	7.3495E-6
	57.00000	16.00000	-8.50000	-7.9521	-8.9310	-272.36E-6	-0.86277	6.6226E-6
	58.00000	16.00000	-8.50000	-7.3705	-8.9310	-226.33E-6	-0.78038	5.9911E-6
	59.00000	16.00000	-8.50000	-6.8377	-8.9310	-189.51E-6	-0.70845	5.4396E-6
	60.00000	16.00000	-8.50000	-6.3487	-8.9310	-159.77E-6	-0.64533	4.9555E-6
	-20.00000	17.00000	-8.50000	-6.5129	-8.9310	-182.42E-6	-0.67685	5.1969E-6
	-19.00000	17.00000	-8.50000	-7.0234	-8.9310	-218.75E-6	-0.74610	5.7278E-6
	-18.00000	17.00000	-8.50000	-7.5813	-8.9310	-264.49E-6	-0.82565	6.3375E-6
	-17.00000	17.00000	-8.50000	-8.1922	-8.9310	-322.69E-6	-0.91757	7.0417E-6
	-16.00000	17.00000	-8.50000	-8.8628	-8.9310	-397.68E-6	-1.0245	7.8603E-6
	-15.00000	17.00000	-8.50000	-9.6007	-8.9310	-495.62E-6	-1.1497	8.8190E-6
	-14.00000	17.00000	-8.50000	-10.415	-8.9310	-625.54E-6	-1.2976	9.9507E-6
	-13.00000	17.00000	-8.50000	-11.316	-8.9310	-800.93E-6	-1.4740	11.299E-6
	-12.00000	17.00000	-8.50000	-12.317	-8.9310	-0.0010426	-1.6863	12.921E-6
	-11.00000	17.00000	-8.50000	-13.433	-8.9310	-0.0013836	-1.9452	14.895E-6
	-10.00000	17.00000	-8.50000	-14.683	-8.9310	-0.0018784	-2.2651	17.333E-6
	-9.00000	17.00000	-8.50000	-16.090	-8.9310	-0.0026217	-2.6671	20.390E-6
	-8.00000	17.00000	-8.50000	-17.684	-8.9310	-0.0037865	-3.1826	24.301E-6
	-7.00000	17.00000	-8.50000	-19.502	-8.9310	-0.0057132	-3.8607	29.427E-6
	-6.00000	17.00000	-8.50000	-21.594	-8.9310	-0.0091367	-4.7824	36.358E-6
	-5.00000	17.00000	-8.50000	-24.028	-8.9310	-0.015848	-6.0928	46.125E-6
	-4.00000	17.00000	-8.50000	-26.903	-8.9310	-0.031029	-8.0806	60.712E-6
	-3.00000	17.00000	-8.50000	-30.374	-8.9310	-0.074000	-11.421	84.421E-6
	-2.00000	17.00000	-8.50000	-34.715	-8.9310	-0.25399	-18.160	127.94E-6
	-1.00000	17.00000	-8.50000	-40.546	-8.9310	-1.9567	-38.268	204.01E-6
	0.00000	17.00000	-8.50000	-51.274	-8.9310	-78.974	-173.22	-0.0023120
	1.00000	17.00000	-8.50000	-62.414	-8.9310	-156.15	-310.64	-0.0048162
	2.00000	17.00000	-8.50000	-69.395	-8.9310	-158.65	-338.98	-0.0047137
	3.00000	17.00000	-8.50000	-75.126	-8.9310	-159.64	-354.50	-0.0046402
	4.00000	17.00000	-8.50000	-79.745	-8.9310	-159.89	-362.23	-0.0045921
	5.00000	17.00000	-8.50000	-83.497	-8.9310	-159.95	-366.32	-0.0045636
	6.00000	17.00000	-8.50000	-86.599	-8.9310	-159.98	-368.77	-0.0045457
	7.00000	17.00000	-8.50000	-89.200	-8.9310	-159.99	-370.38	-0.0045338
	8.00000	17.00000	-8.50000	-91.403	-8.9310	-159.99	-371.50	-0.0045255
	9.00000	17.00000	-8.50000	-93.280	-8.9310	-159.99	-372.31	-0.0045193
	10.00000	17.00000	-8.50000	-94.886	-8.9310	-159.99	-372.91	-0.0045147
	11.00000	17.00000	-8.50000	-96.260	-8.9310	-160.00	-373.38	-0.0045112
	12.00000	17.00000	-8.50000	-97.434	-8.9310	-160.00	-373.74	-0.0045084
	13.00000	17.00000	-8.50000	-98.432	-8.9310	-160.00	-374.03	-0.0045063
	14.00000	17.00000	-8.50000	-99.271	-8.9310	-160.00	-374.25	-0.0045045
	15.00000	17.00000	-8.50000	-99.968	-8.9310	-160.00	-374.43	-0.0045032
	16.00000	17.00000	-8.50000	-100.53	-8.9310	-160.00	-374.57	-0.0045021
	17.00000	17.00000	-8.50000	-100.97	-8.9310	-160.00	-374.68	-0.0045013
	18.00000	17.00000	-8.50000	-101.29	-8.9310	-160.00	-374.76	-0.0045007
	19.00000	17.00000	-8.50000	-101.49	-8.9310	-160.00	-374.81	-0.0045003
	20.00000	17.00000	-8.50000	-101.58	-8.9310	-160.00	-374.84	-0.0045001
	21.00000	17.00000	-8.50000	-101.55	-8.9310	-160.00	-374.84	-0.0045001
	22.00000	17.00000	-8.50000	-101.40	-8.9310

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	45.00000	17.00000	-8.50000	-22.196	-8.9310	-0.0074970	-4.6553	35.455E-6
	46.00000	17.00000	-8.50000	-20.115	-8.9310	-0.0049347	-3.8191	29.143E-6
	47.00000	17.00000	-8.50000	-18.292	-8.9310	-0.0033958	-3.1865	24.349E-6
	48.00000	17.00000	-8.50000	-16.683	-8.9310	-0.0024197	-2.6952	20.616E-6
	49.00000	17.00000	-8.50000	-15.254	-8.9310	-0.0017735	-2.3057	17.651E-6
	50.00000	17.00000	-8.50000	-13.978	-8.9310	-0.0013304	-1.9917	15.256E-6
	51.00000	17.00000	-8.50000	-12.835	-8.9310	-0.0010177	-1.7348	13.294E-6
	52.00000	17.00000	-8.50000	-11.806	-8.9310	-791.71E-6	-1.5220	11.669E-6
	53.00000	17.00000	-8.50000	-10.877	-8.9310	-624.89E-6	-1.3441	10.308E-6
	54.00000	17.00000	-8.50000	-10.036	-8.9310	-499.55E-6	-1.1938	9.1580E-6
	55.00000	17.00000	-8.50000	-9.2716	-8.9310	-403.89E-6	-1.0659	8.1786E-6
	56.00000	17.00000	-8.50000	-8.5759	-8.9310	-329.86E-6	-0.95619	7.3383E-6
	57.00000	17.00000	-8.50000	-7.9410	-8.9310	-271.87E-6	-0.86149	6.6128E-6
	58.00000	17.00000	-8.50000	-7.3604	-8.9310	-225.93E-6	-0.77926	5.9825E-6
	59.00000	17.00000	-8.50000	-6.8285	-8.9310	-189.17E-6	-0.70746	5.4320E-6
	60.00000	17.00000	-8.50000	-6.3404	-8.9310	-159.49E-6	-0.64445	4.9488E-6
	-20.00000	18.00000	-8.50000	-6.4918	-8.9310	-182.38E-6	-0.67499	5.1826E-6
	-19.00000	18.00000	-8.50000	-7.0004	-8.9310	-218.89E-6	-0.74413	5.7126E-6
	-18.00000	18.00000	-8.50000	-7.5563	-8.9310	-264.92E-6	-0.82359	6.3216E-6
	-17.00000	18.00000	-8.50000	-8.1652	-8.9310	-323.63E-6	-0.91547	7.0255E-6
	-16.00000	18.00000	-8.50000	-8.8337	-8.9310	-399.46E-6	-1.0224	7.8446E-6
	-15.00000	18.00000	-8.50000	-9.5694	-8.9310	-498.81E-6	-1.1479	8.8050E-6
	-14.00000	18.00000	-8.50000	-10.382	-8.9310	-631.09E-6	-1.2963	9.9403E-6
	-13.00000	18.00000	-8.50000	-11.281	-8.9310	-810.45E-6	-1.4736	11.295E-6
	-12.00000	18.00000	-8.50000	-12.281	-8.9310	-0.0010589	-1.6876	12.929E-6
	-11.00000	18.00000	-8.50000	-13.396	-8.9310	-0.0014117	-1.9491	14.925E-6
	-10.00000	18.00000	-8.50000	-14.647	-8.9310	-0.0019276	-2.2737	17.397E-6
	-9.00000	18.00000	-8.50000	-16.058	-8.9310	-0.0027096	-2.6835	20.512E-6
	-8.00000	18.00000	-8.50000	-17.658	-8.9310	-0.0039487	-3.2121	24.521E-6
	-7.00000	18.00000	-8.50000	-19.488	-8.9310	-0.0060261	-3.9128	29.813E-6
	-6.00000	18.00000	-8.50000	-21.601	-8.9310	-0.0097769	-4.8747	37.038E-6
	-5.00000	18.00000	-8.50000	-24.071	-8.9310	-0.017270	-6.2599	47.345E-6
	-4.00000	18.00000	-8.50000	-27.005	-8.9310	-0.034575	-8.3968	62.980E-6
	-3.00000	18.00000	-8.50000	-30.577	-8.9310	-0.084435	-12.064	88.884E-6
	-2.00000	18.00000	-8.50000	-35.094	-8.9310	-0.29284	-19.618	137.36E-6
	-1.00000	18.00000	-8.50000	-41.236	-8.9310	-2.1496	-42.049	224.19E-6
	0.00000	18.00000	-8.50000	-52.428	-8.9310	-79.876	-182.71	-0.0022806
	1.00000	18.00000	-8.50000	-63.818	-8.9310	-157.63	-324.09	-0.0047810
	2.00000	18.00000	-8.50000	-70.493	-8.9310	-159.55	-348.45	-0.0046826
	3.00000	18.00000	-8.50000	-75.705	-8.9310	-159.84	-358.23	-0.0046204
	4.00000	18.00000	-8.50000	-79.960	-8.9310	-159.93	-363.61	-0.0045832
	5.00000	18.00000	-8.50000	-83.486	-8.9310	-159.96	-366.87	-0.0045598
	6.00000	18.00000	-8.50000	-86.441	-8.9310	-159.98	-368.98	-0.0045443
	7.00000	18.00000	-8.50000	-88.942	-8.9310	-159.99	-370.42	-0.0045335
	8.00000	18.00000	-8.50000	-91.072	-8.9310	-159.99	-371.45	-0.0045258
	9.00000	18.00000	-8.50000	-92.896	-8.9310	-159.99	-372.21	-0.0045201
	10.00000	18.00000	-8.50000	-94.461	-8.9310	-159.99	-372.79	-0.0045157
	11.00000	18.00000	-8.50000	-95.806	-8.9310	-160.00	-373.23	-0.0045123
	12.00000	18.00000	-8.50000	-96.958	-8.9310	-160.00	-373.58	-0.0045097
	13.00000	18.00000	-8.50000	-97.940	-8.9310	-160.00	-373.86	-0.0045075
	14.00000	18.00000	-8.50000	-98.770	-8.9310	-160.00	-374.08	-0.0045059
	15.00000	18.00000	-8.50000	-99.462	-8.9310	-160.00	-374.26	-0.0045045
	16.00000	18.00000	-8.50000	-100.02	-8.9310	-160.00	-374.40	-0.0045034
	17.00000	18.00000	-8.50000	-100.47	-8.9310	-160.00	-374.51	-0.0045026
	18.00000	18.00000	-8.50000	-100.79	-8.9310	-160.00	-374.59	-0.0045020
	19.00000	18.00000	-8.50000	-101.01	-8.9310	-160.00	-374.65	-0.0045015
	20.00000	18.00000	-8.50000	-101.10	-8.9310	-160.00	-374.68	-0.0045013
	21.00000	18.00000	-8.50000	-101.09	-8.9310	-160.00	-374.69	-0.0045012
	22.00000	18.00000	-8.50000	-100.95	-8.9310	-160.00	-374.67	-0.0045014
	23.00000	18.00000	-8.50000	-100.69	-8.9310	-160.00	-374.61	-0.0045018
	24.00000	18.00000	-8.50000	-100.30	-8.9310	-160.00	-374.52	-0.0045025
	25.00000	18.00000	-8.50000	-99.760	-8.9310	-160.00	-374.39	-0.0045035
	26.00000	18.00000	-8.50000	-99.066	-8.9310	-160.00	-374.21	-0.0045049
	27.00000	18.00000	-8.50000	-98.198	-8.9310	-160.00	-373.96	-0.0045068
	28.00000	18.00000	-8.50000	-97.137	-8.9310	-160.00	-373.63	-0.0045093
	29.00000	18.00000	-8.50000	-95.858	-8.9310	-159.99	-373.19	-0.0045126
	30.00000	18.00000	-8.50000	-94.327	-8.9310	-159.99	-372.61	-0.0045171
	31.00000	18.00000	-8.50000	-92.504	-8.9310	-159.99	-371.81	-0.0045231
	32.00000	18.00000	-8.50000	-90.331	-8.9310	-159.99	-370.70	-0.0045314
	33.00000	18.00000	-8.50000	-87.730	-8.9310	-159.98	-369.09	-0.0045433
	34.00000	18.00000	-8.50000	-84.589	-8.9310	-159.96	-366.62	-0.0045614
	35.00000	18.00000	-8.50000	-80.731	-8.9310	-159.90	-362.44	-0.0045910
	36.00000	18.00000	-8.50000	-75.848	-8.9310	-159.68	-354.07	-0.0046450
	37.00000	18.00000	-8.50000	-69.285	-8.9310	-157.79	-330.40	-0.0047397
	38.00000	18.00000	-8.50000	-57.698	-8.9310	-79.999	-188.28	-0.0022434
	39.00000	18.00000	-8.50000	-46.095	-8.9310	-2.2130	-46.152	252.82E-6
	40.00000	18.00000	-8.50000	-39.484	-8.9310	-0.32114	-22.482	158.08E-6
	41.00000	18.00000	-8.50000	-34.522	-8.9310	-0.097649	-14.103	103.96E-6
	42.00000	18.00000	-8.50000	-30.552	-8.9310	-0.041345	-9.9027	74.249E-6
	43.00000	18.00000	-8.50000	-27.267	-8.9310	-0.021058	-7.4101	56.016E-6
	44.00000	18.00000	-8.50000	-24.489	-8.9310	-0.012056	-5.7777	43.877E-6
	45.00000	18.00000	-8.50000	-22.104	-8.9310	-0.0074809	-4.6373	35.318E-6
	46.00000	18.00000	-8.50000	-20.032	-8.9310	-0.0049216	-3.8035	29.024E-6
	47.00000	18.00000	-8.50000	-18.217	-8.9310	-0.0033851	-3.1730	24.246E-6
	48.00000	18.00000	-8.50000	-16.615	-8.9310	-0.0024110	-2.6836	20.527E-6
	49.00000	18.00000	-8.50000	-15.193	-8.9310	-0.0017665	-2.2957	17.574E-6
	50.00000	18.00000	-8.50000	-13.924	-8.9310	-0.0013247	-1.9830	15.189E-6
	51.00000	18.00000	-8.50000	-12.786	-8.9310	-0.0010132	-1.7273	13.237E-6
	52.00000	18.00000	-8.50000	-11.762	-8.9310	-788.01E-6	-1.5156	11.620E-6
	53.00000	18.00000	-8.50000	-10.838	-8.9310	-621.90E-6	-1.3385	10.265E-6
	54.00000	18.00000	-8.50000	-10.000	-8.9310	-497.12E-6	-1.1890	9.1211E-6
	55.00000	18.00000	-8.50000	-9.2396	-8.9310	-401.91E-6	-1.0617	8.1466E-6
	56.00000	18.00000	-8.50000	-8.5470	-8.9310	-328.25E-6	-0.95255	7.3105E-6
	57.00000	18.00000	-8.50000	-7.9149	-8.9310	-270.55E-6	-0.85832	6.5884E-6
	58.00000	18.00000	-8.50000	-7.3369	-8.9310	-224.84E-6	-0.77649	5.9612E-6
	59.00000	18.00000	-8.50000	-6.8073	-8.9310	-188.28E-6	-0.70503	5.4134E-6
	60.00000	18.00000	-8.50000	-6.3211	-8.9310	-158.75E-6	-0.64232	4.9324E-6
	-20.00000	19.00000	-8.50000	-6.4584	-8.9310	-181.63E-6	-0.67159	5.1565E-6
	-19.00000	19.00000	-8.50000	-6.9638	-8.9310	-218.12E-6	-0.74035	5.6836E-6
	-18.00000	19.00000	-8.50000	-7.5161	-8.9310	-264.21E-6	-0.81941	6.2895E-6
	-17.00000	19.00000	-8.50000	-8.1211	-8.9310	-323.10E-6	-0.91089	6.9903E-6
	-16.00000	19.00000	-8.50000	-8.7853	-8.9310	-399.33E-6	-1.0175	7.8064E-6
	-15.00000	19.00000	-8.50000	-9.5165	-8.9310	-499.47E-6	-1.1426	8.7641E-6
	-14.00000	19.00000	-8.50000	-10.324	-8.9310	-633.24E-6	-1.2908	9.8977E-6
	-13.00000	19.00000	-8.50000	-11.218	-8.9310	-815.32E-6	-1.4681	11.253E-6
	-12.00000	19.00000	-8.50000	-12.213	-8.9310	-0.0010687	-1.6825	12.890E-6
	-11.00000	19.00000	-8.50000	-13.324	-8.9310	-0.0014304	-1.9454	14.895E-6
	-10.00000	19.00000	-8.50000	-14.570	-8.9310	-0.0019627	-2.2726	17.387E-6
	-9.00000	19.00000	-8.50000	-15.978	-8.9310	-0.0027752	-2.6873	20.539E-6
	-8.00000	19.00000	-8.50000	-17.577	-8.9310	-0.0040731	-3.2251	24.615E-6
	-7.00000	19.00000	-8.50000	-19.410	-8.9310	-0.0062675	-3.9421	30.028E-6
	-6.00000	19.00000	-8.50000	-21.532	-8.9310	-0.010264	-4.9335	37.467E-6
	-5.00000	19.00000	-8.50000	-24.020	-8.9310	-0.018305	-6.3727	48.164E-6
	-4.00000	19.00000	-8.50000	-26.989	-8.9310	-0.036932	-8.6112	64.521E-6
	-3.00000	19.00000	-8.50000	-30.619	-8.9310	-0.090272	-12.476	91.782E-6
	-2.00000	19.00000	-8.50000	-35.229	-8.9310	-0.30851	-20.420	142.80E-6
	-1.00000	19.00000	-8.50000	-41.503	-8.9310	-2.1920	-43.574	233.96E-6
	0.00000	19.00000	-8.50000	-52.829	-8.9310	-79.969	-185.22	-0.0022656
	1.00000	19.00000	-8.50000	-64.259	-8.9310	-157.75	-327.12	-0.0047634
	2.00000	19.00000	-8.50000	-70.815	-8.9310	-159.65	-350.92	-0.0046678
	3.00000	19.00000	-8.50000	-75.814	-8.9310	-159.88	-359.69	-0.0046111
	4.00000	19.00000	-8.50000	-79.862	-8.9310	-159.94	-364.31	-0.0045785
	5.00000	19.00000	-8.50000	-83.225	-8.9310	-159.97	-367.15	-0.0045579
	6.00000	19.00000	-8.50000	-86.057	-8.9310	-159.98	-369.04	-0.0045439
	7.00000	19.00000	-8.50000	-88.464	-8.9310	-159.99	-370.35	-0.0045341
	8.00000	19.00000	-8.50000	-90.523	-8.9310	-159.99	-371.31	-0.0045269
	9.00000	19.00000	-8.50000	-92.292	-8.9310	-159.99	-372.02	-0.0045215
	10.00000	19.00000	-8.50000	-93.816	-8.9310	-159.99	-372.57	-0.0045174
	11.00000	19.00000	-8.50000	-95.129	-8.9310	-159.99	-372.99	-0.0045141
	12.00000	19.00000	-8.50000	-96.257	-8.9310	-160.00	-373.33	-0.0045116
	13.00000	19.00000	-8.50000	-97.223	-8.9310	-160.00	-373.60	-0.0045095
	14.00000	19.00000	-8.50000	-98.042	-8.9310	-160.00	-373.82	-0.0045078
	15.00000	19.00000	-8.50000	-98.728	-8.9310	-160.00	-373.99	-0.0045065
	16.00000	19.00000	-8.50000	-99.291	-8.9310	-160.00	-374.14	-0.0045054
	17.00000	19.00000	-8.50000	-99.738	-8.9310	-160.00	-374.25	-0.0045046
	18.00000	19.00000	-8.50000	-100.07	-8.9310	-160.00	-374.34	-0.0045039
	19.00000	19.00000	-8.50000	-100.30	-8.9310	-160.00	-374.40	-0.0045034
	20.00000	19.00000	-8.50000	-100.41	-8.9310	-160.00	-374.44	-0.0045031
	21.00000	19.00000	-8.50000	-100.42	-8.9310	-160.00	-374.46	-0.0045029
	22.00000	19.00000	-8.50000	-100.30	-8.9310	-160.00	-374.45	-0.0045030
	23.00000	19.00000	-8.50000	-100.06	-8.9310	-160.00	-374.41	-0.0045033

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	24.00000	19.00000	-8.50000	-99.693	-8.9310	-160.00	-374.33	-0.0045039
	25.00000	19.00000	-8.50000	-99.179	-8.9310	-160.00	-374.21	-0.0045048
	26.00000	19.00000	-8.50000	-98.509	-8.9310	-160.00	-374.04	-0.0045062
	27.00000	19.00000	-8.50000	-97.665	-8.9310	-160.00	-373.80	-0.0045080
	28.00000	19.00000	-8.50000	-96.628	-8.9310	-160.00	-373.48	-0.0045104
	29.00000	19.00000	-8.50000	-95.371	-8.9310	-159.99	-373.05	-0.0045137
	30.00000	19.00000	-8.50000	-93.863	-8.9310	-159.99	-372.47	-0.0045181
	31.00000	19.00000	-8.50000	-92.062	-8.9310	-159.99	-371.69	-0.0045240
	32.00000	19.00000	-8.50000	-89.912	-8.9310	-159.99	-370.58	-0.0045323
	33.00000	19.00000	-8.50000	-87.334	-8.9310	-159.98	-368.98	-0.0045442
	34.00000	19.00000	-8.50000	-84.216	-8.9310	-159.96	-366.52	-0.0045622
	35.00000	19.00000	-8.50000	-80.381	-8.9310	-159.90	-362.34	-0.0045917
	36.00000	19.00000	-8.50000	-75.521	-8.9310	-159.68	-353.98	-0.0046457
	37.00000	19.00000	-8.50000	-68.980	-8.9310	-157.79	-330.33	-0.0047403
	38.00000	19.00000	-8.50000	-57.416	-8.9310	-79.999	-188.21	-0.0022440
	39.00000	19.00000	-8.50000	-45.835	-8.9310	-2.2129	-46.088	252.33E-6
	40.00000	19.00000	-8.50000	-39.246	-8.9310	-0.32107	-22.425	157.64E-6
	41.00000	19.00000	-8.50000	-34.304	-8.9310	-0.097591	-14.053	103.57E-6
	42.00000	19.00000	-8.50000	-30.355	-8.9310	-0.041296	-9.8580	73.908E-6
	43.00000	19.00000	-8.50000	-27.088	-8.9310	-0.021017	-7.3711	55.718E-6
	44.00000	19.00000	-8.50000	-24.327	-8.9310	-0.012023	-5.7438	43.618E-6
	45.00000	19.00000	-8.50000	-21.958	-8.9310	-0.0074534	-4.6079	35.093E-6
	46.00000	19.00000	-8.50000	-19.901	-8.9310	-0.0048993	-3.7782	28.830E-6
	47.00000	19.00000	-8.50000	-18.099	-8.9310	-0.0033670	-3.1512	24.079E-6
	48.00000	19.00000	-8.50000	-16.509	-8.9310	-0.0023965	-2.6648	20.383E-6
	49.00000	19.00000	-8.50000	-15.098	-8.9310	-0.0017547	-2.2796	17.450E-6
	50.00000	19.00000	-8.50000	-13.838	-8.9310	-0.0013153	-1.9691	15.083E-6
	51.00000	19.00000	-8.50000	-12.709	-8.9310	-0.0010056	-1.7154	13.146E-6
	52.00000	19.00000	-8.50000	-11.693	-8.9310	-781.90E-6	-1.5053	11.541E-6
	53.00000	19.00000	-8.50000	-10.776	-8.9310	-616.97E-6	-1.3296	10.197E-6
	54.00000	19.00000	-8.50000	-9.9445	-8.9310	-493.13E-6	-1.1813	9.0621E-6
	55.00000	19.00000	-8.50000	-9.1894	-8.9310	-398.67E-6	-1.0550	8.0954E-6
	56.00000	19.00000	-8.50000	-8.5018	-8.9310	-325.61E-6	-0.94676	7.2660E-6
	57.00000	19.00000	-8.50000	-7.8742	-8.9310	-268.39E-6	-0.85328	6.5498E-6
	58.00000	19.00000	-8.50000	-7.3001	-8.9310	-223.08E-6	-0.77209	5.9274E-6
	59.00000	19.00000	-8.50000	-6.7740	-8.9310	-186.82E-6	-0.70118	5.3838E-6
	60.00000	19.00000	-8.50000	-6.2911	-8.9310	-157.55E-6	-0.63894	4.9065E-6
	-20.00000	20.00000	-8.50000	-6.4130	-8.9310	-180.15E-6	-0.66664	5.1185E-6
	-19.00000	20.00000	-8.50000	-6.9137	-8.9310	-216.43E-6	-0.73476	5.6407E-6
	-18.00000	20.00000	-8.50000	-7.4608	-8.9310	-262.30E-6	-0.81311	6.2411E-6
	-17.00000	20.00000	-8.50000	-8.0600	-8.9310	-321.00E-6	-0.90379	6.9358E-6
	-16.00000	20.00000	-8.50000	-8.7178	-8.9310	-397.13E-6	-1.0095	7.7451E-6
	-15.00000	20.00000	-8.50000	-9.4420	-8.9310	-497.36E-6	-1.1337	8.6956E-6
	-14.00000	20.00000	-8.50000	-10.242	-8.9310	-631.59E-6	-1.2809	9.8216E-6
	-13.00000	20.00000	-8.50000	-11.128	-8.9310	-814.91E-6	-1.4572	11.169E-6
	-12.00000	20.00000	-8.50000	-12.113	-8.9310	-0.0010709	-1.6709	12.801E-6
	-11.00000	20.00000	-8.50000	-13.214	-8.9310	-0.0014380	-1.9333	14.802E-6
	-10.00000	20.00000	-8.50000	-14.451	-8.9310	-0.0019808	-2.2608	17.295E-6
	-9.00000	20.00000	-8.50000	-15.848	-8.9310	-0.0028138	-2.6773	20.460E-6
	-8.00000	20.00000	-8.50000	-17.438	-8.9310	-0.0041514	-3.2193	24.567E-6
	-7.00000	20.00000	-8.50000	-19.263	-8.9310	-0.0064245	-3.9453	30.045E-6
	-6.00000	20.00000	-8.50000	-21.380	-8.9310	-0.010580	-4.9539	37.610E-6
	-5.00000	20.00000	-8.50000	-23.868	-8.9310	-0.018952	-6.4250	48.537E-6
	-4.00000	20.00000	-8.50000	-26.844	-8.9310	-0.038285	-8.7211	65.303E-6
	-3.00000	20.00000	-8.50000	-30.493	-8.9310	-0.093150	-12.687	93.269E-6
	-2.00000	20.00000	-8.50000	-35.134	-8.9310	-0.31458	-20.796	145.42E-6
	-1.00000	20.00000	-8.50000	-41.443	-8.9310	-2.2039	-44.187	238.12E-6
	0.00000	20.00000	-8.50000	-52.792	-8.9310	-79.988	-186.07	-0.0022599
	1.00000	20.00000	-8.50000	-64.198	-8.9310	-157.77	-328.06	-0.0047572
	2.00000	20.00000	-8.50000	-70.669	-8.9310	-159.67	-351.72	-0.0046625
	3.00000	20.00000	-8.50000	-75.542	-8.9310	-159.89	-360.20	-0.0046077
	4.00000	20.00000	-8.50000	-79.454	-8.9310	-159.95	-364.54	-0.0045771
	5.00000	20.00000	-8.50000	-82.693	-8.9310	-159.97	-367.17	-0.0045579
	6.00000	20.00000	-8.50000	-85.420	-8.9310	-159.98	-368.92	-0.0045449
	7.00000	20.00000	-8.50000	-87.742	-8.9310	-159.99	-370.14	-0.0045357
	8.00000	20.00000	-8.50000	-89.732	-8.9310	-159.99	-371.04	-0.0045290
	9.00000	20.00000	-8.50000	-91.447	-8.9310	-159.99	-371.71	-0.0045239
	10.00000	20.00000	-8.50000	-92.927	-8.9310	-159.99	-372.23	-0.0045199
	11.00000	20.00000	-8.50000	-94.206	-8.9310	-159.99	-372.64	-0.0045168
	12.00000	20.00000	-8.50000	-95.309	-8.9310	-159.99	-372.97	-0.0045143
	13.00000	20.00000	-8.50000	-96.257	-8.9310	-159.99	-373.23	-0.0045123
	14.00000	20.00000	-8.50000	-97.065	-8.9310	-160.00	-373.44	-0.0045107
	15.00000	20.00000	-8.50000	-97.746	-8.9310	-160.00	-373.62	-0.0045094
	16.00000	20.00000	-8.50000	-98.310	-8.9310	-160.00	-373.76	-0.0045083
	17.00000	20.00000	-8.50000	-98.764	-8.9310	-160.00	-373.88	-0.0045073
	18.00000	20.00000	-8.50000	-99.110	-8.9310	-160.00	-373.98	-0.0045066
	19.00000	20.00000	-8.50000	-99.352	-8.9310	-160.00	-374.05	-0.0045060
	20.00000	20.00000	-8.50000	-99.488	-8.9310	-160.00	-374.11	-0.0045056
	21.00000	20.00000	-8.50000	-99.515	-8.9310	-160.00	-374.14	-0.0045054
	22.00000	20.00000	-8.50000	-99.428	-8.9310	-160.00	-374.15	-0.0045053
	23.00000	20.00000	-8.50000	-99.220	-8.9310	-160.00	-374.13	-0.0045055
	24.00000	20.00000	-8.50000	-98.880	-8.9310	-160.00	-374.07	-0.0045060
	25.00000	20.00000	-8.50000	-98.397	-8.9310	-160.00	-373.96	-0.0045067
	26.00000	20.00000	-8.50000	-97.757	-8.9310	-160.00	-373.81	-0.0045080
	27.00000	20.00000	-8.50000	-96.944	-8.9310	-160.00	-373.58	-0.0045097
	28.00000	20.00000	-8.50000	-95.936	-8.9310	-160.00	-373.27	-0.0045120
	29.00000	20.00000	-8.50000	-94.709	-8.9310	-159.99	-372.86	-0.0045152
	30.00000	20.00000	-8.50000	-93.231	-8.9310	-159.99	-372.29	-0.0045195
	31.00000	20.00000	-8.50000	-91.459	-8.9310	-159.99	-371.51	-0.0045254
	32.00000	20.00000	-8.50000	-89.338	-8.9310	-159.99	-370.42	-0.0045335
	33.00000	20.00000	-8.50000	-86.790	-8.9310	-159.98	-368.83	-0.0045454
	34.00000	20.00000	-8.50000	-83.703	-8.9310	-159.96	-366.37	-0.0045633
	35.00000	20.00000	-8.50000	-79.898	-8.9310	-159.90	-362.21	-0.0045927
	36.00000	20.00000	-8.50000	-75.070	-8.9310	-159.68	-353.86	-0.0046466
	37.00000	20.00000	-8.50000	-68.560	-8.9310	-157.79	-330.21	-0.0047412
	38.00000	20.00000	-8.50000	-57.027	-8.9310	-79.999	-188.11	-0.0022448
	39.00000	20.00000	-8.50000	-45.477	-8.9310	-2.2128	-45.996	251.62E-6
	40.00000	20.00000	-8.50000	-38.918	-8.9310	-0.32096	-22.343	157.02E-6
	41.00000	20.00000	-8.50000	-34.005	-8.9310	-0.097501	-13.980	103.02E-6
	42.00000	20.00000	-8.50000	-30.083	-8.9310	-0.041222	-9.7945	73.423E-6
	43.00000	20.00000	-8.50000	-26.842	-8.9310	-0.020956	-7.3158	55.295E-6
	44.00000	20.00000	-8.50000	-24.105	-8.9310	-0.011973	-5.6959	43.252E-6
	45.00000	20.00000	-8.50000	-21.758	-8.9310	-0.0074129	-4.5667	34.778E-6
	46.00000	20.00000	-8.50000	-19.721	-8.9310	-0.0048667	-3.7427	28.559E-6
	47.00000	20.00000	-8.50000	-17.938	-8.9310	-0.0033409	-3.1207	23.846E-6
	48.00000	20.00000	-8.50000	-16.364	-8.9310	-0.0023756	-2.6387	20.184E-6
	49.00000	20.00000	-8.50000	-14.968	-8.9310	-0.0017380	-2.2572	17.279E-6
	50.00000	20.00000	-8.50000	-13.722	-8.9310	-0.0013019	-1.9499	14.936E-6
	51.00000	20.00000	-8.50000	-12.605	-8.9310	-994.87E-6	-1.6989	13.019E-6
	52.00000	20.00000	-8.50000	-11.599	-8.9310	-773.31E-6	-1.4911	11.432E-6
	53.00000	20.00000	-8.50000	-10.691	-8.9310	-610.05E-6	-1.3174	10.103E-6
	54.00000	20.00000	-8.50000	-9.8688	-8.9310	-487.55E-6	-1.1708	8.9812E-6
	55.00000	20.00000	-8.50000	-9.1213	-8.9310	-394.16E-6	-1.0459	8.0254E-6
	56.00000	20.00000	-8.50000	-8.4405	-8.9310	-321.95E-6	-0.93883	7.2053E-6
	57.00000	20.00000	-8.50000	-7.8189	-8.9310	-265.41E-6	-0.84638	6.4969E-6
	58.00000	20.00000	-8.50000	-7.2502	-8.9310	-220.63E-6	-0.76607	5.8813E-6
	59.00000	20.00000	-8.50000	-6.7289	-8.9310	-184.82E-6	-0.69592	5.3435E-6

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	3.00000	21.00000	-8.50000	-74.938	-8.9310	-159.89	-360.22	-0.0046077
	4.00000	21.00000	-8.50000	-78.739	-8.9310	-159.95	-364.43	-0.0045780
	5.00000	21.00000	-8.50000	-81.872	-8.9310	-159.97	-366.94	-0.0045596
	6.00000	21.00000	-8.50000	-84.506	-8.9310	-159.98	-368.60	-0.0045473
	7.00000	21.00000	-8.50000	-86.747	-8.9310	-159.99	-369.76	-0.0045386
	8.00000	21.00000	-8.50000	-88.670	-8.9310	-159.99	-370.61	-0.0045322
	9.00000	21.00000	-8.50000	-90.328	-8.9310	-159.99	-371.25	-0.0045274
	10.00000	21.00000	-8.50000	-91.764	-8.9310	-159.99	-371.74	-0.0045236
	11.00000	21.00000	-8.50000	-93.007	-8.9310	-159.99	-372.13	-0.0045207
	12.00000	21.00000	-8.50000	-94.084	-8.9310	-159.99	-372.45	-0.0045183
	13.00000	21.00000	-8.50000	-95.013	-8.9310	-159.99	-372.70	-0.0045163
	14.00000	21.00000	-8.50000	-95.810	-8.9310	-159.99	-372.91	-0.0045147
	15.00000	21.00000	-8.50000	-96.487	-8.9310	-159.99	-373.09	-0.0045134
	16.00000	21.00000	-8.50000	-97.054	-8.9310	-159.99	-373.24	-0.0045122
	17.00000	21.00000	-8.50000	-97.516	-8.9310	-159.99	-373.37	-0.0045112
	18.00000	21.00000	-8.50000	-97.878	-8.9310	-159.99	-373.48	-0.0045104
	19.00000	21.00000	-8.50000	-98.142	-8.9310	-159.99	-373.57	-0.0045097
	20.00000	21.00000	-8.50000	-98.305	-8.9310	-159.99	-373.65	-0.0045091
	21.00000	21.00000	-8.50000	-98.365	-8.9310	-160.00	-373.70	-0.0045087
	22.00000	21.00000	-8.50000	-98.314	-8.9310	-160.00	-373.73	-0.0045085
	23.00000	21.00000	-8.50000	-98.143	-8.9310	-160.00	-373.74	-0.0045084
	24.00000	21.00000	-8.50000	-97.843	-8.9310	-160.00	-373.70	-0.0045087
	25.00000	21.00000	-8.50000	-97.399	-8.9310	-160.00	-373.62	-0.0045093
	26.00000	21.00000	-8.50000	-96.798	-8.9310	-160.00	-373.49	-0.0045104
	27.00000	21.00000	-8.50000	-96.022	-8.9310	-160.00	-373.28	-0.0045119
	28.00000	21.00000	-8.50000	-95.052	-8.9310	-159.99	-372.99	-0.0045142
	29.00000	21.00000	-8.50000	-93.861	-8.9310	-159.99	-372.59	-0.0045172
	30.00000	21.00000	-8.50000	-92.419	-8.9310	-159.99	-372.03	-0.0045214
	31.00000	21.00000	-8.50000	-90.683	-8.9310	-159.99	-371.27	-0.0045272
	32.00000	21.00000	-8.50000	-88.599	-8.9310	-159.99	-370.19	-0.0045353
	33.00000	21.00000	-8.50000	-86.089	-8.9310	-159.98	-368.62	-0.0045470
	34.00000	21.00000	-8.50000	-83.039	-8.9310	-159.96	-366.17	-0.0045648
	35.00000	21.00000	-8.50000	-79.275	-8.9310	-159.90	-362.02	-0.0045942
	36.00000	21.00000	-8.50000	-74.486	-8.9310	-159.68	-353.69	-0.0046479
	37.00000	21.00000	-8.50000	-68.018	-8.9310	-157.78	-330.06	-0.0047424
	38.00000	21.00000	-8.50000	-56.525	-8.9310	-79.999	-187.96	-0.0022458
	39.00000	21.00000	-8.50000	-45.016	-8.9310	-2.2126	-45.870	250.67E-6
	40.00000	21.00000	-8.50000	-38.496	-8.9310	-0.32081	-22.232	156.17E-6
	41.00000	21.00000	-8.50000	-33.621	-8.9310	-0.097371	-13.883	102.27E-6
	42.00000	21.00000	-8.50000	-29.735	-8.9310	-0.041114	-9.7100	72.778E-6
	43.00000	21.00000	-8.50000	-26.528	-8.9310	-0.020868	-7.2428	54.738E-6
	44.00000	21.00000	-8.50000	-23.822	-8.9310	-0.011903	-5.6331	42.772E-6
	45.00000	21.00000	-8.50000	-21.503	-8.9310	-0.0073569	-4.5128	34.366E-6
	46.00000	21.00000	-8.50000	-19.493	-8.9310	-0.0048221	-3.6966	28.206E-6
	47.00000	21.00000	-8.50000	-17.733	-8.9310	-0.0033056	-3.0814	23.545E-6
	48.00000	21.00000	-8.50000	-16.181	-8.9310	-0.0023476	-2.6051	19.926E-6
	49.00000	21.00000	-8.50000	-14.804	-8.9310	-0.0017158	-2.2285	17.059E-6
	50.00000	21.00000	-8.50000	-13.575	-8.9310	-0.0012843	-1.9254	14.748E-6
	51.00000	21.00000	-8.50000	-12.473	-8.9310	-980.87E-6	-1.6778	12.858E-6
	52.00000	21.00000	-8.50000	-11.481	-8.9310	-762.14E-6	-1.4731	11.294E-6
	53.00000	21.00000	-8.50000	-10.585	-8.9310	-601.11E-6	-1.3019	9.9844E-6
	54.00000	21.00000	-8.50000	-9.7735	-8.9310	-480.37E-6	-1.1574	8.8786E-6
	55.00000	21.00000	-8.50000	-9.0357	-8.9310	-388.37E-6	-1.0343	7.9367E-6
	56.00000	21.00000	-8.50000	-8.3634	-8.9310	-317.26E-6	-0.92881	7.1284E-6
	57.00000	21.00000	-8.50000	-7.7494	-8.9310	-261.59E-6	-0.83767	6.4301E-6
	58.00000	21.00000	-8.50000	-7.1875	-8.9310	-217.52E-6	-0.75848	5.8231E-6
	59.00000	21.00000	-8.50000	-6.6723	-8.9310	-182.26E-6	-0.68929	5.2926E-6
	60.00000	21.00000	-8.50000	-6.1991	-8.9310	-153.79E-6	-0.62852	4.8265E-6
	-20.00000	22.00000	-8.50000	-6.2869	-8.9310	-174.97E-6	-0.65217	5.0074E-6
	-19.00000	22.00000	-8.50000	-6.7739	-8.9310	-210.18E-6	-0.71823	5.5139E-6
	-18.00000	22.00000	-8.50000	-7.3058	-8.9310	-254.75E-6	-0.79418	6.0959E-6
	-17.00000	22.00000	-8.50000	-7.8879	-8.9310	-311.88E-6	-0.88206	6.7691E-6
	-16.00000	22.00000	-8.50000	-8.5266	-8.9310	-386.13E-6	-0.98450	7.5535E-6
	-15.00000	22.00000	-8.50000	-9.2292	-8.9310	-484.14E-6	-1.1049	8.4748E-6
	-14.00000	22.00000	-8.50000	-10.005	-8.9310	-615.84E-6	-1.2477	9.5671E-6
	-13.00000	22.00000	-8.50000	-10.863	-8.9310	-796.43E-6	-1.4189	10.876E-6
	-12.00000	22.00000	-8.50000	-11.818	-8.9310	-0.0010498	-1.6268	12.462E-6
	-11.00000	22.00000	-8.50000	-12.885	-8.9310	-0.0014152	-1.8826	14.413E-6
	-10.00000	22.00000	-8.50000	-14.084	-8.9310	-0.0019587	-2.2028	16.851E-6
	-9.00000	22.00000	-8.50000	-15.439	-8.9310	-0.0027983	-2.6117	19.956E-6
	-8.00000	22.00000	-8.50000	-16.983	-8.9310	-0.0041552	-3.1463	24.005E-6
	-7.00000	22.00000	-8.50000	-18.757	-8.9310	-0.0064741	-3.8662	29.435E-6
	-6.00000	22.00000	-8.50000	-20.819	-8.9310	-0.010729	-4.8722	36.975E-6
	-5.00000	22.00000	-8.50000	-23.249	-8.9310	-0.019306	-6.3476	47.926E-6
	-4.00000	22.00000	-8.50000	-26.165	-8.9310	-0.039045	-8.6599	64.797E-6
	-3.00000	22.00000	-8.50000	-29.750	-8.9310	-0.094663	-12.659	92.985E-6
	-2.00000	22.00000	-8.50000	-34.322	-8.9310	-0.31734	-20.821	145.48E-6
	-1.00000	22.00000	-8.50000	-40.550	-8.9310	-2.2084	-44.270	238.56E-6
	0.00000	22.00000	-8.50000	-51.793	-8.9310	-79.994	-186.19	-0.0022593
	1.00000	22.00000	-8.50000	-63.057	-8.9310	-157.78	-328.13	-0.0047569
	2.00000	22.00000	-8.50000	-69.347	-8.9310	-159.67	-351.65	-0.0046634
	3.00000	22.00000	-8.50000	-74.011	-8.9310	-159.89	-359.91	-0.0046101
	4.00000	22.00000	-8.50000	-77.706	-8.9310	-159.95	-364.02	-0.0045811
	5.00000	22.00000	-8.50000	-80.738	-8.9310	-159.97	-366.45	-0.0045633
	6.00000	22.00000	-8.50000	-83.280	-8.9310	-159.98	-368.04	-0.0045515
	7.00000	22.00000	-8.50000	-85.441	-8.9310	-159.98	-369.15	-0.0045432
	8.00000	22.00000	-8.50000	-87.296	-8.9310	-159.99	-369.95	-0.0045371
	9.00000	22.00000	-8.50000	-88.897	-8.9310	-159.99	-370.56	-0.0045325
	10.00000	22.00000	-8.50000	-90.286	-8.9310	-159.99	-371.04	-0.0045289
	11.00000	22.00000	-8.50000	-91.493	-8.9310	-159.99	-371.41	-0.0045261
	12.00000	22.00000	-8.50000	-92.542	-8.9310	-159.99	-371.71	-0.0045238
	13.00000	22.00000	-8.50000	-93.451	-8.9310	-159.99	-371.96	-0.0045219
	14.00000	22.00000	-8.50000	-94.237	-8.9310	-159.99	-372.17	-0.0045203
	15.00000	22.00000	-8.50000	-94.911	-8.9310	-159.99	-372.35	-0.0045189
	16.00000	22.00000	-8.50000	-95.482	-8.9310	-159.99	-372.51	-0.0045177
	17.00000	22.00000	-8.50000	-95.957	-8.9310	-159.99	-372.65	-0.0045166
	18.00000	22.00000	-8.50000	-96.340	-8.9310	-159.99	-372.78	-0.0045157
	19.00000	22.00000	-8.50000	-96.632	-8.9310	-159.99	-372.90	-0.0045148
	20.00000	22.00000	-8.50000	-96.832	-8.9310	-159.99	-373.00	-0.0045140
	21.00000	22.00000	-8.50000	-96.934	-8.9310	-159.99	-373.10	-0.0045133
	22.00000	22.00000	-8.50000	-96.930	-8.9310	-159.99	-373.17	-0.0045127
	23.00000	22.00000	-8.50000	-96.810	-8.9310	-159.99	-373.21	-0.0045124
	24.00000	22.00000	-8.50000	-96.560	-8.9310	-159.99	-373.22	-0.0045124
	25.00000	22.00000	-8.50000	-96.166	-8.9310	-159.99	-373.17	-0.0045128
	26.00000	22.00000	-8.50000	-95.613	-8.9310	-159.99	-373.07	-0.0045136
	27.00000	22.00000	-8.50000	-94.884	-8.9310	-159.99	-372.89	-0.0045149
	28.00000	22.00000	-8.50000	-93.958	-8.9310	-159.99	-372.62	-0.0045170
	29.00000	22.00000	-8.50000	-92.810	-8.9310	-159.99	-372.23	-0.0045199
	30.00000	22.00000	-8.50000	-91.411	-8.9310	-159.99	-371.70	-0.0045240
	31.00000	22.00000	-8.50000	-89.719	-8.9310	-159.99	-370.95	-0.0045296
	32.00000	22.00000	-8.50000	-87.680	-8.9310	-159.98	-369.89	-0.0045376
	33.00000	22.00000	-8.50000	-85.215	-8.9310	-159.98	-368.33	-0.0045491
	34.00000	22.00000	-8.50000	-82.214	-8.9310	-159.96	-365.91	-0.0045668
	35.00000	22.00000	-8.50000	-78.499	-8.9310	-159.90	-361.77	-0.0045960
	36.00000	22.00000	-8.50000	-73.761	-8.9310	-159.68	-353.46	-0.0046497
	37.00000	22.00000	-8.50000	-67.344	-8.9310	-157.78	-329.85	-0.0047439
	38.00000	22.00000	-8.50000	-55.904	-8.9310	-79.998	-187.78	-0.0022473
	39.00000	22.00000	-8.50000	-44.445	-8.9310	-2.2124	-45.706	249.42E-6
	40.00000	22.00000	-8.50000	-37.976	-8.9310	-0.32058	-22.087	155.07E-6
	41.00000	22.00000	-8.50000	-33.149	-8.9310	-0.097183	-13.757	101.32E-6
	42.00000	22.00000	-8.50000	-29.309	-8.9310	-0.040963	-9.6015	71.951E-6
	43.00000	22.00000	-8.50000	-26.144	-8.9310	-0.020748	-7.1497	54.028E-6
	44.00000	22.00000	-8.50000	-23.477	-8.9310	-0.011807	-5.5537	42.166E-6
	45.00000	22.00000	-8.50000	-21.194	-8.9310	-0.0072819	-4.4452	33.850E-6
	46.00000	22.00000	-8.50000	-19.216	-8.9310	-0.0047634	-3.6392	27.768E-6
	47.00000	22.00000	-8.50000	-17.486	-8.9310	-0.0032596	-3.0327	23.172E-6
	48.00000	22.00000	-8.50000	-15.960	-8.9310	-0.0023116	-2.5637	19.610E-6
	49.00000	22.00000	-8.50000	-14.606	-8.9310	-0.0016876	-2.1933	16.790E-6
	50.00000	22.00000	-8.50000	-13.398	-8.9310	-0.0012622	-1.8954	14.518E-6
	51.00000	22.00000	-8.50000	-12.315	-8.9310	-963.37E-6	-1.6522	12.662E-6
	52.00000	22.00000	-8.50000	-11.339	-8.9310	-748.28E-6	-1.4512	11.126E-6
	53.00000	22.00000	-8.50000	-10.458	-8.9310	-590.08E-6	-1.2831	9.8405E-6
	54.00000	22.00000	-8.50000	-9.6592	-8.9310	-471.55E-6	-1.1412	8.7547E-6
	55.00000	22.00000	-8.50000	-8.9330	-8.9310	-381.28E-6	-1.0204	7.8297E-6
	56.00000	22.00000	-8.50000	-8.2709	-8.9310	-311.54E-6	-0.91674	7.0358E-6
	57.00000	22.00000	-8.50000	-7.6661	-8.9310	-256.95E-6	-0.82719	6.3497E-6
	58.00000	22.00000	-8.50000	-7.1124	-8.9310	-213.74E-6	-0.74936	5.7531E-6
	59.00000	22.00000	-8.50000	-6.6045	-8.9310	-179.17E-6	-0.68132	5.2314E-6
	60.00000	22.00000	-8.50000	-6.1377	-8.9310	-151.25E-6	-0.62154	4.7729E-6
	-20.00000	23.00000	-8.50000	-6.2069	-8.9310	-171.28E-6	-0.64274	4.9351E-6
	-19.00000	23.00000	-8.50000	-6.6852	-8.9310	-205.64E-6	-0.70739	5.4307E-6

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-18.00000	23.00000	-8.50000	-7.2071	-8.9310	-249.12E-6	-0.78166	5.9999E-6
	-17.00000	23.00000	-8.50000	-7.7780	-8.9310	-304.84E-6	-0.86755	6.6578E-6
	-16.00000	23.00000	-8.50000	-8.4040	-8.9310	-377.28E-6	-0.96760	7.4240E-6
	-15.00000	23.00000	-8.50000	-9.0922	-8.9310	-472.93E-6	-1.0851	8.3234E-6
	-14.00000	23.00000	-8.50000	-9.8512	-8.9310	-601.51E-6	-1.2245	9.3893E-6
	-13.00000	23.00000	-8.50000	-10.691	-8.9310	-777.94E-6	-1.3915	10.666E-6
	-12.00000	23.00000	-8.50000	-11.625	-8.9310	-0.0010258	-1.5942	12.213E-6
	-11.00000	23.00000	-8.50000	-12.667	-8.9310	-0.0013835	-1.8438	14.116E-6
	-10.00000	23.00000	-8.50000	-13.838	-8.9310	-0.0019165	-2.1562	16.494E-6
	-9.00000	23.00000	-8.50000	-15.160	-8.9310	-0.0027414	-2.5554	19.526E-6
	-8.00000	23.00000	-8.50000	-16.666	-8.9310	-0.0040776	-3.0779	23.482E-6
	-7.00000	23.00000	-8.50000	-18.397	-8.9310	-0.0063669	-3.7824	28.795E-6
	-6.00000	23.00000	-8.50000	-20.409	-8.9310	-0.010579	-4.7690	36.188E-6
	-5.00000	23.00000	-8.50000	-22.781	-8.9310	-0.019093	-6.2195	46.950E-6
	-4.00000	23.00000	-8.50000	-25.630	-8.9310	-0.038739	-8.5001	63.582E-6
	-3.00000	23.00000	-8.50000	-29.138	-8.9310	-0.094220	-12.459	91.466E-6
	-2.00000	23.00000	-8.50000	-33.622	-8.9310	-0.31670	-20.569	143.58E-6
	-1.00000	23.00000	-8.50000	-39.751	-8.9310	-2.2074	-43.955	236.18E-6
	0.00000	23.00000	-8.50000	-50.885	-8.9310	-79.992	-185.80	-0.0022622
	1.00000	23.00000	-8.50000	-62.033	-8.9310	-157.78	-327.65	-0.0047605
	2.00000	23.00000	-8.50000	-68.201	-8.9310	-159.67	-351.08	-0.0046676
	3.00000	23.00000	-8.50000	-72.745	-8.9310	-159.89	-359.25	-0.0046151
	4.00000	23.00000	-8.50000	-76.324	-8.9310	-159.95	-363.28	-0.0045867
	5.00000	23.00000	-8.50000	-79.250	-8.9310	-159.97	-365.63	-0.0045695
	6.00000	23.00000	-8.50000	-81.696	-8.9310	-159.98	-367.16	-0.0045581
	7.00000	23.00000	-8.50000	-83.774	-8.9310	-159.98	-368.21	-0.0045502
	8.00000	23.00000	-8.50000	-85.558	-8.9310	-159.98	-368.98	-0.0045444
	9.00000	23.00000	-8.50000	-87.100	-8.9310	-159.98	-369.56	-0.0045400
	10.00000	23.00000	-8.50000	-88.440	-8.9310	-159.99	-370.01	-0.0045366
	11.00000	23.00000	-8.50000	-89.608	-8.9310	-159.99	-370.37	-0.0045339
	12.00000	23.00000	-8.50000	-90.628	-8.9310	-159.99	-370.66	-0.0045317
	13.00000	23.00000	-8.50000	-91.517	-8.9310	-159.99	-370.91	-0.0045298
	14.00000	23.00000	-8.50000	-92.291	-8.9310	-159.99	-371.12	-0.0045282
	15.00000	23.00000	-8.50000	-92.963	-8.9310	-159.99	-371.30	-0.0045268
	16.00000	23.00000	-8.50000	-93.540	-8.9310	-159.99	-371.47	-0.0045255
	17.00000	23.00000	-8.50000	-94.032	-8.9310	-159.99	-371.63	-0.0045243
	18.00000	23.00000	-8.50000	-94.443	-8.9310	-159.99	-371.79	-0.0045231
	19.00000	23.00000	-8.50000	-94.773	-8.9310	-159.99	-371.94	-0.0045219
	20.00000	23.00000	-8.50000	-95.021	-8.9310	-159.99	-372.10	-0.0045208
	21.00000	23.00000	-8.50000	-95.180	-8.9310	-159.99	-372.25	-0.0045196
	22.00000	23.00000	-8.50000	-95.239	-8.9310	-159.99	-372.39	-0.0045186
	23.00000	23.00000	-8.50000	-95.185	-8.9310	-159.99	-372.50	-0.0045178
	24.00000	23.00000	-8.50000	-95.002	-8.9310	-159.99	-372.56	-0.0045173
	25.00000	23.00000	-8.50000	-94.672	-8.9310	-159.99	-372.57	-0.0045173
	26.00000	23.00000	-8.50000	-94.179	-8.9310	-159.99	-372.51	-0.0045178
	27.00000	23.00000	-8.50000	-93.506	-8.9310	-159.99	-372.37	-0.0045189
	28.00000	23.00000	-8.50000	-92.633	-8.9310	-159.99	-372.13	-0.0045207
	29.00000	23.00000	-8.50000	-91.537	-8.9310	-159.99	-371.77	-0.0045234
	30.00000	23.00000	-8.50000	-90.189	-8.9310	-159.99	-371.26	-0.0045273
	31.00000	23.00000	-8.50000	-88.548	-8.9310	-159.99	-370.53	-0.0045328
	32.00000	23.00000	-8.50000	-86.562	-8.9310	-159.98	-369.49	-0.0045406
	33.00000	23.00000	-8.50000	-84.152	-8.9310	-159.98	-367.95	-0.0045520
	34.00000	23.00000	-8.50000	-81.209	-8.9310	-159.96	-365.55	-0.0045695
	35.00000	23.00000	-8.50000	-77.554	-8.9310	-159.90	-361.45	-0.0045985
	36.00000	23.00000	-8.50000	-72.879	-8.9310	-159.68	-353.16	-0.0046520
	37.00000	23.00000	-8.50000	-66.526	-8.9310	-157.78	-329.58	-0.0047460
	38.00000	23.00000	-8.50000	-55.151	-8.9310	-79.998	-187.54	-0.0022491
	39.00000	23.00000	-8.50000	-43.758	-8.9310	-2.2119	-45.492	247.79E-6
	40.00000	23.00000	-8.50000	-37.351	-8.9310	-0.32024	-21.901	153.66E-6
	41.00000	23.00000	-8.50000	-32.584	-8.9310	-0.096912	-13.597	100.10E-6
	42.00000	23.00000	-8.50000	-28.800	-8.9310	-0.040749	-9.4650	70.910E-6
	43.00000	23.00000	-8.50000	-25.688	-8.9310	-0.020581	-7.0339	53.145E-6
	44.00000	23.00000	-8.50000	-23.070	-8.9310	-0.011679	-5.4559	41.420E-6
	45.00000	23.00000	-8.50000	-20.830	-8.9310	-0.0071830	-4.3628	33.221E-6
	46.00000	23.00000	-8.50000	-18.891	-8.9310	-0.0046874	-3.5698	27.237E-6
	47.00000	23.00000	-8.50000	-17.196	-8.9310	-0.0032012	-2.9742	22.725E-6
	48.00000	23.00000	-8.50000	-15.701	-8.9310	-0.0022666	-2.5144	19.232E-6
	49.00000	23.00000	-8.50000	-14.375	-8.9310	-0.0016528	-2.1515	16.470E-6
	50.00000	23.00000	-8.50000	-13.192	-8.9310	-0.0012351	-1.8600	14.247E-6
	51.00000	23.00000	-8.50000	-12.130	-8.9310	-942.19E-6	-1.6221	12.432E-6
	52.00000	23.00000	-8.50000	-11.174	-8.9310	-731.62E-6	-1.4255	10.929E-6
	53.00000	23.00000	-8.50000	-10.310	-8.9310	-576.91E-6	-1.2611	9.6720E-6
	54.00000	23.00000	-8.50000	-9.5265	-8.9310	-461.08E-6	-1.1223	8.6100E-6
	55.00000	23.00000	-8.50000	-8.8137	-8.9310	-372.91E-6	-1.0041	7.7050E-6
	56.00000	23.00000	-8.50000	-8.1637	-8.9310	-304.80E-6	-0.90267	6.9279E-6
	57.00000	23.00000	-8.50000	-7.5695	-8.9310	-251.51E-6	-0.81499	6.2561E-6
	58.00000	23.00000	-8.50000	-7.0252	-8.9310	-209.31E-6	-0.73874	5.6717E-6
	59.00000	23.00000	-8.50000	-6.5258	-8.9310	-175.55E-6	-0.67205	5.1603E-6
	60.00000	23.00000	-8.50000	-6.0666	-8.9310	-148.28E-6	-0.61343	4.7107E-6
	-20.00000	24.00000	-8.50000	-6.1163	-8.9310	-166.90E-6	-0.63193	4.8522E-6
	-19.00000	24.00000	-8.50000	-6.5846	-8.9310	-200.19E-6	-0.69493	5.3351E-6
	-18.00000	24.00000	-8.50000	-7.0952	-8.9310	-242.30E-6	-0.76722	5.8892E-6
	-17.00000	24.00000	-8.50000	-7.6532	-8.9310	-296.22E-6	-0.85074	6.5290E-6
	-16.00000	24.00000	-8.50000	-8.2645	-8.9310	-366.27E-6	-0.94793	7.2732E-6
	-15.00000	24.00000	-8.50000	-8.9360	-8.9310	-458.72E-6	-1.0620	8.1461E-6
	-14.00000	24.00000	-8.50000	-9.6758	-8.9310	-582.94E-6	-1.1971	9.1793E-6
	-13.00000	24.00000	-8.50000	-10.494	-8.9310	-753.34E-6	-1.3589	10.416E-6
	-12.00000	24.00000	-8.50000	-11.402	-8.9310	-992.67E-6	-1.5550	11.913E-6
	-11.00000	24.00000	-8.50000	-12.415	-8.9310	-0.0013382	-1.7963	13.752E-6
	-10.00000	24.00000	-8.50000	-13.552	-8.9310	-0.0018533	-2.0981	16.050E-6
	-9.00000	24.00000	-8.50000	-14.834	-8.9310	-0.0026513	-2.4836	18.978E-6
	-8.00000	24.00000	-8.50000	-16.293	-8.9310	-0.0039459	-2.9882	22.798E-6
	-7.00000	24.00000	-8.50000	-17.969	-8.9310	-0.0061694	-3.6689	27.931E-6
	-6.00000	24.00000	-8.50000	-19.915	-8.9310	-0.010275	-4.6234	35.083E-6
	-5.00000	24.00000	-8.50000	-22.209	-8.9310	-0.018616	-6.0306	45.519E-6
	-4.00000	24.00000	-8.50000	-24.966	-8.9310	-0.037977	-8.2520	61.710E-6
	-3.00000	24.00000	-8.50000	-28.365	-8.9310	-0.093003	-12.131	89.004E-6
	-2.00000	24.00000	-8.50000	-32.723	-8.9310	-0.31479	-20.138	140.35E-6
	-1.00000	24.00000	-8.50000	-38.711	-8.9310	-2.2046	-43.396	232.02E-6
	0.00000	24.00000	-8.50000	-49.692	-8.9310	-79.988	-185.09	-0.0022675
	1.00000	24.00000	-8.50000	-60.681	-8.9310	-157.77	-326.80	-0.0047669
	2.00000	24.00000	-8.50000	-66.694	-8.9310	-159.66	-350.08	-0.0046750
	3.00000	24.00000	-8.50000	-71.091	-8.9310	-159.88	-358.12	-0.0046234
	4.00000	24.00000	-8.50000	-74.536	-8.9310	-159.94	-362.05	-0.0045958
	5.00000	24.00000	-8.50000	-77.342	-8.9310	-159.96	-364.32	-0.0045792
	6.00000	24.00000	-8.50000	-79.685	-8.9310	-159.97	-365.78	-0.0045684
	7.00000	24.00000	-8.50000	-81.673	-8.9310	-159.97	-366.78	-0.0045608
	8.00000	24.00000	-8.50000	-83.381	-8.9310	-159.97	-367.51	-0.0045554
	9.00000	24.00000	-8.50000	-84.860	-8.9310	-159.98	-368.06	-0.0045512
	10.00000	24.00000	-8.50000	-86.149	-8.9310	-159.98	-368.49	-0.0045479
	11.00000	24.00000	-8.50000	-87.276	-8.9310	-159.98	-368.83	-0.0045453
	12.00000	24.00000	-8.50000	-88.265	-8.9310	-159.98	-369.11	-0.0045432
	13.00000	24.00000	-8.50000	-89.133	-8.9310	-159.98	-369.35	-0.0045413
	14.00000	24.00000	-8.50000	-89.896	-8.9310	-159.98	-369.56	-0.0045397
	15.00000	24.00000	-8.50000	-90.565	-8.9310	-159.98	-369.76	-0.0045383
	16.00000	24.00000	-8.50000	-91.153	-8.9310	-159.98	-369.94	-0.0045369
	17.00000	24.00000	-8.50000	-91.666	-8.9310	-159.98	-370.13	-0.0045355
	18.00000	24.00000	-8.50000	-92.112	-8.9310	-159.98	-370.32	-0.0045340
	19.00000	24.00000	-8.50000	-92.492	-8.9

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	42.00000	24.00000	-8.50000	-28.207	-8.9310	-0.040445	-9.2948	69.615E-6
	43.00000	24.00000	-8.50000	-25.159	-8.9310	-0.020351	-6.8917	52.061E-6
	44.00000	24.00000	-8.50000	-22.598	-8.9310	-0.011506	-5.3373	40.516E-6
	45.00000	24.00000	-8.50000	-20.411	-8.9310	-0.0070538	-4.2641	32.467E-6
	46.00000	24.00000	-8.50000	-18.518	-8.9310	-0.0045904	-3.4875	26.609E-6
	47.00000	24.00000	-8.50000	-16.864	-8.9310	-0.0031281	-2.9054	22.200E-6
	48.00000	24.00000	-8.50000	-15.406	-8.9310	-0.0022112	-2.4568	18.792E-6
	49.00000	24.00000	-8.50000	-14.112	-8.9310	-0.0016106	-2.1031	16.100E-6
	50.00000	24.00000	-8.50000	-12.957	-8.9310	-0.0012026	-1.8192	13.935E-6
	51.00000	24.00000	-8.50000	-11.921	-8.9310	-917.10E-6	-1.5875	12.167E-6
	52.00000	24.00000	-8.50000	-10.987	-8.9310	-712.07E-6	-1.3961	10.704E-6
	53.00000	24.00000	-8.50000	-10.143	-8.9310	-561.56E-6	-1.2360	9.4796E-6
	54.00000	24.00000	-8.50000	-9.3761	-8.9310	-448.95E-6	-1.1008	8.4451E-6
	55.00000	24.00000	-8.50000	-8.6787	-8.9310	-363.25E-6	-0.98562	7.5631E-6
	56.00000	24.00000	-8.50000	-8.0422	-8.9310	-297.07E-6	-0.88670	6.8054E-6
	57.00000	24.00000	-8.50000	-7.4601	-8.9310	-245.28E-6	-0.80115	6.1500E-6
	58.00000	24.00000	-8.50000	-6.9266	-8.9310	-204.26E-6	-0.72671	5.5793E-6
	59.00000	24.00000	-8.50000	-6.4367	-8.9310	-171.43E-6	-0.66156	5.0798E-6
	60.00000	24.00000	-8.50000	-5.9860	-8.9310	-144.90E-6	-0.60424	4.6402E-6
	-20.00000	25.00000	-8.50000	-6.0158	-8.9310	-161.88E-6	-0.61984	4.7595E-6
	-19.00000	25.00000	-8.50000	-6.4728	-8.9310	-193.92E-6	-0.68096	5.2280E-6
	-18.00000	25.00000	-8.50000	-6.9707	-8.9310	-234.37E-6	-0.75099	5.7647E-6
	-17.00000	25.00000	-8.50000	-7.5143	-8.9310	-286.12E-6	-0.83179	6.3837E-6
	-16.00000	25.00000	-8.50000	-8.1092	-8.9310	-353.24E-6	-0.92567	7.1026E-6
	-15.00000	25.00000	-8.50000	-8.7618	-8.9310	-441.70E-6	-1.0357	7.9445E-6
	-14.00000	25.00000	-8.50000	-9.4801	-8.9310	-560.40E-6	-1.1658	8.9394E-6
	-13.00000	25.00000	-8.50000	-10.273	-8.9310	-722.98E-6	-1.3213	10.128E-6
	-12.00000	25.00000	-8.50000	-11.152	-8.9310	-951.02E-6	-1.5095	11.565E-6
	-11.00000	25.00000	-8.50000	-12.132	-8.9310	-0.0012798	-1.7405	13.326E-6
	-10.00000	25.00000	-8.50000	-13.228	-8.9310	-0.0017697	-2.0291	15.523E-6
	-9.00000	25.00000	-8.50000	-14.464	-8.9310	-0.0025281	-2.3971	18.318E-6
	-8.00000	25.00000	-8.50000	-15.867	-8.9310	-0.0037593	-2.8780	21.960E-6
	-7.00000	25.00000	-8.50000	-17.475	-8.9310	-0.0058775	-3.5263	26.848E-6
	-6.00000	25.00000	-8.50000	-19.341	-8.9310	-0.0098033	-4.4354	33.658E-6
	-5.00000	25.00000	-8.50000	-21.537	-8.9310	-0.017828	-5.7780	43.613E-6
	-4.00000	25.00000	-8.50000	-24.174	-8.9310	-0.036627	-7.9070	59.119E-6
	-3.00000	25.00000	-8.50000	-27.429	-8.9310	-0.090655	-11.654	85.442E-6
	-2.00000	25.00000	-8.50000	-31.615	-8.9310	-0.31076	-19.478	135.45E-6
	-1.00000	25.00000	-8.50000	-37.406	-8.9310	-2.1980	-42.497	225.40E-6
	0.00000	25.00000	-8.50000	-48.172	-8.9310	-79.979	-183.91	-0.0022761
	1.00000	25.00000	-8.50000	-58.943	-8.9310	-157.76	-325.34	-0.0047775
	2.00000	25.00000	-8.50000	-64.750	-8.9310	-159.65	-348.37	-0.0046874
	3.00000	25.00000	-8.50000	-68.960	-8.9310	-159.87	-356.22	-0.0046372
	4.00000	25.00000	-8.50000	-72.244	-8.9310	-159.92	-360.00	-0.0046107
	5.00000	25.00000	-8.50000	-74.912	-8.9310	-159.94	-362.16	-0.0045949
	6.00000	25.00000	-8.50000	-77.138	-8.9310	-159.95	-363.54	-0.0045847
	7.00000	25.00000	-8.50000	-79.028	-8.9310	-159.95	-364.49	-0.0045776
	8.00000	25.00000	-8.50000	-80.654	-8.9310	-159.95	-365.17	-0.0045724
	9.00000	25.00000	-8.50000	-82.066	-8.9310	-159.96	-365.69	-0.0045685
	10.00000	25.00000	-8.50000	-83.300	-8.9310	-159.96	-366.09	-0.0045654
	11.00000	25.00000	-8.50000	-84.384	-8.9310	-159.96	-366.42	-0.0045629
	12.00000	25.00000	-8.50000	-85.340	-8.9310	-159.96	-366.69	-0.0045608
	13.00000	25.00000	-8.50000	-86.186	-8.9310	-159.96	-366.93	-0.0045590
	14.00000	25.00000	-8.50000	-86.936	-8.9310	-159.96	-367.14	-0.0045574
	15.00000	25.00000	-8.50000	-87.606	-8.9310	-159.96	-367.34	-0.0045559
	16.00000	25.00000	-8.50000	-88.205	-8.9310	-159.96	-367.55	-0.0045543
	17.00000	25.00000	-8.50000	-88.745	-8.9310	-159.96	-367.77	-0.0045527
	18.00000	25.00000	-8.50000	-89.235	-8.9310	-159.96	-368.03	-0.0045507
	19.00000	25.00000	-8.50000	-89.681	-8.9310	-159.96	-368.34	-0.0045484
	20.00000	25.00000	-8.50000	-90.082	-8.9310	-159.97	-368.72	-0.0045457
	21.00000	25.00000	-8.50000	-90.431	-8.9310	-159.97	-369.16	-0.0045425
	22.00000	25.00000	-8.50000	-90.705	-8.9310	-159.97	-369.64	-0.0045390
	23.00000	25.00000	-8.50000	-90.872	-8.9310	-159.98	-370.09	-0.0045358
	24.00000	25.00000	-8.50000	-90.899	-8.9310	-159.98	-370.45	-0.0045332
	25.00000	25.00000	-8.50000	-90.759	-8.9310	-159.99	-370.69	-0.0045315
	26.00000	25.00000	-8.50000	-90.434	-8.9310	-159.99	-370.80	-0.0045307
	27.00000	25.00000	-8.50000	-89.908	-8.9310	-159.99	-370.77	-0.0045309
	28.00000	25.00000	-8.50000	-89.170	-8.9310	-159.99	-370.62	-0.0045321
	29.00000	25.00000	-8.50000	-88.202	-8.9310	-159.99	-370.34	-0.0045343
	30.00000	25.00000	-8.50000	-86.979	-8.9310	-159.99	-369.88	-0.0045377
	31.00000	25.00000	-8.50000	-85.466	-8.9310	-159.98	-369.21	-0.0045427
	32.00000	25.00000	-8.50000	-83.612	-8.9310	-159.98	-368.23	-0.0045501
	33.00000	25.00000	-8.50000	-81.345	-8.9310	-159.97	-366.76	-0.0045610
	34.00000	25.00000	-8.50000	-78.553	-8.9310	-159.95	-364.43	-0.0045780
	35.00000	25.00000	-8.50000	-75.061	-8.9310	-159.90	-360.41	-0.0046064
	36.00000	25.00000	-8.50000	-70.558	-8.9310	-159.67	-352.21	-0.0046591
	37.00000	25.00000	-8.50000	-64.385	-8.9310	-157.78	-328.73	-0.0047524
	38.00000	25.00000	-8.50000	-53.193	-8.9310	-79.996	-186.79	-0.0022547
	39.00000	25.00000	-8.50000	-41.981	-8.9310	-2.2103	-44.848	242.91E-6
	40.00000	25.00000	-8.50000	-35.751	-8.9310	-0.31893	-21.354	149.51E-6
	41.00000	25.00000	-8.50000	-31.152	-8.9310	-0.095917	-13.138	96.616E-6
	42.00000	25.00000	-8.50000	-27.524	-8.9310	-0.040006	-9.0835	68.011E-6
	43.00000	25.00000	-8.50000	-24.553	-8.9310	-0.020032	-6.7183	50.743E-6
	44.00000	25.00000	-8.50000	-22.062	-8.9310	-0.011275	-5.1952	39.434E-6
	45.00000	25.00000	-8.50000	-19.936	-8.9310	-0.0068858	-4.1474	31.578E-6
	46.00000	25.00000	-8.50000	-18.098	-8.9310	-0.0044678	-3.3915	25.876E-6
	47.00000	25.00000	-8.50000	-16.492	-8.9310	-0.0030379	-2.8260	21.593E-6
	48.00000	25.00000	-8.50000	-15.075	-8.9310	-0.0021442	-2.3908	18.287E-6
	49.00000	25.00000	-8.50000	-13.818	-8.9310	-0.0015603	-2.0481	15.679E-6
	50.00000	25.00000	-8.50000	-12.695	-8.9310	-0.0011645	-1.7729	13.581E-6
	51.00000	25.00000	-8.50000	-11.687	-8.9310	-887.95E-6	-1.5486	11.868E-6
	52.00000	25.00000	-8.50000	-10.779	-8.9310	-689.56E-6	-1.3631	10.451E-6
	53.00000	25.00000	-8.50000	-9.9560	-8.9310	-544.03E-6	-1.2079	9.2643E-6
	54.00000	25.00000	-8.50000	-9.2090	-8.9310	-435.17E-6	-1.0768	8.2609E-6
	55.00000	25.00000	-8.50000	-8.5286	-8.9310	-352.34E-6	-0.96498	7.4049E-6
	56.00000	25.00000	-8.50000	-7.9073	-8.9310	-288.37E-6	-0.86890	6.6690E-6
	57.00000	25.00000	-8.50000	-7.3386	-8.9310	-238.28E-6	-0.78575	6.0318E-6
	58.00000	25.00000	-8.50000	-6.8170	-8.9310	-198.61E-6	-0.71333	5.4767E-6
	59.00000	25.00000	-8.50000	-6.3377	-8.9310	-166.83E-6	-0.64989	4.9903E-6
	60.00000	25.00000	-8.50000	-5.8965	-8.9310	-141.14E-6	-0.59403	4.5619E-6
	-20.00000	26.00000	-8.50000	-5.9059	-8.9310	-156.28E-6	-0.60658	4.6577E-6
	-19.00000	26.00000	-8.50000	-6.3507	-8.9310	-186.88E-6	-0.66560	5.1102E-6
	-18.00000	26.00000	-8.50000	-6.8347	-8.9310	-225.45E-6	-0.73313	5.6278E-6
	-17.00000	26.00000	-8.50000	-7.3625	-8.9310	-274.68E-6	-0.81089	6.2235E-6
	-16.00000	26.00000	-8.50000	-7.9392	-8.9310	-338.40E-6	-0.90107	6.9141E-6
	-15.00000	26.00000	-8.50000	-8.5712	-8.9310	-422.16E-6	-1.0065	7.7210E-6
	-14.00000	26.00000	-8.50000	-9.2655	-8.9310	-534.26E-6	-1.1309	8.6724E-6
	-13.00000	26.00000	-8.50000	-10.031	-8.9310	-687.40E-6	-1.2792	9.8060E-6
	-12.00000	26.00000	-8.50000	-10.878	-8.9310	-901.60E-6	-1.4582	11.173E-6
	-11.00000	26.00000	-8.50000	-11.819	-8.9310	-0.0012096	-1.6774	12.844E-6
	-10.00000	26.00000	-8.50000	-12.871	-8.9310	-0.0016671	-1.9503	14.922E-6
	-9.00000	26.00000	-8.50000	-14.053	-8.9310	-0.0023738	-2.2970	17.556E-6
	-8.00000	26.00000	-8.50000	-15.392	-8.9310	-0.0035190	-2.7488	20.977E-6
	-7.00000	26.00000	-8.50000	-16.923	-8.9310	-0.0054885	-3.3560	25.556E-6
	-6.00000	26.00000	-8.50000	-18.692	-8.9310	-0.0091450	-4.2056	31.921E-6
	-5.00000	26.00000	-8.50000	-20.770	-8.9310	-0.016659	-5.4596	41.218E-6
	-4.00000	26.00000	-8.50000	-23.258	-8.9310	-0.034441	-7.4530	55.728E-6
	-3.00000	26.00000	-8.50000	-26.326	-8.9310	-0.086382	-10.989	80.526E-6
	-2.00000	26.00000	-8.50000	-30.281	-8.9310	-0.30221	-18.487	128.23E-6
	-1.00000	26.00000	-8.50000	-35.793	-8.9310	-2.1815	-41.032	214.90E-6
	0.00000	26.00000	-8.50000	-46.247	-8.9310	-79.951	-181.85	-0.0022906
	1.00000	26.00000	-8.50000	-56.705	-8.9310	-157.72	-322.68	-0.0047761
	2.00000	26.00000	-8.50000	-62.227	-8.9310	-159.60	-345.24	-0.0047093
	3.00000	26.00000	-8.50000	-66.196	-8.9310	-159.81	-352.75	-0.0046615
	4.00000	26.00000	-8.50000	-69.281	-8.9310	-159.87	-356.31	-0.0046366
	5.00000	26.00000	-8.50000	-71.788	-8.9310	-159.88	-358.33	-0.0046219
	6.00000	26.00000	-8.50000	-73.882	-8.9310	-159.89	-359.61	-0.0046124
	7.00000	26.00000	-8.50000	-75.664	-8.9310	-159.90	-360.49	-0.0046058
	8.00000	26.00000	-8.50000	-77.202	-8.9310	-159.90	-361.12	-0.0046010
	9.00000	26.00000	-8.50000	-78.542	-8.9310	-159.90	-361.61	-0.0045973
	10.00000	26.00000	-8.50000	-79.718	-8.9310	-159.90	-361.99	-0.0045944
	11.00000	26.00000	-8.50000	-80.756	-8.9310	-159.90	-362.30	-0.0045921
	12.00000	26.00000	-8.50000	-81.677	-8.9310	-159.90	-362.56	-0.0045901
	13.00000	26.00000	-8.50000	-82.498	-8.9310	-159.90	-362.79	-0.0045883
	14.00000	26.00000	-8.50000	-83.236	-8.9310	-159.90	-363.00	-0.0045867
	15.00000	26.00000	-8.50000	-83.905	-8.9310	-159.90	-363.22	-0.0045850
	16.00000	26.00000	-8.50000	-84.518	-8.9310	-159.90	-363.45	-0.0045833
	17.00000	26.00000	-8.50000	-85.089	-8.9310	-159.90	-363.72	-0.0045812
	18.00000	26.00000	-8.50000	-85.634	-8.9310	-159.91	-364.07	-0.0045787
	19.00000	26.00000	-8.50000	-86.165	-8.9310	-159.91	-364.53	-0.0045753
	20.00000	26.00000	-8.50000	-86.690	-8.9310	-159.92	-365.16	-0.0045708

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	21.00000	26.00000	-8.50000	-87.202	-8.9310	-159.93	-365.99	-0.0045649
	22.00000	26.00000	-8.50000	-87.671	-8.9310	-159.94	-366.97	-0.0045581
	23.00000	26.00000	-8.50000	-88.037	-8.9310	-159.96	-367.93	-0.0045515
	24.00000	26.00000	-8.50000	-88.241	-8.9310	-159.97	-368.69	-0.0045462
	25.00000	26.00000	-8.50000	-88.245	-8.9310	-159.98	-369.19	-0.0045426
	26.00000	26.00000	-8.50000	-88.034	-8.9310	-159.98	-369.46	-0.0045407
	27.00000	26.00000	-8.50000	-87.603	-8.9310	-159.98	-369.53	-0.0045402
	28.00000	26.00000	-8.50000	-86.946	-8.9310	-159.98	-369.45	-0.0045409
	29.00000	26.00000	-8.50000	-86.053	-8.9310	-159.98	-369.21	-0.0045427
	30.00000	26.00000	-8.50000	-84.903	-8.9310	-159.98	-368.79	-0.0045459
	31.00000	26.00000	-8.50000	-83.466	-8.9310	-159.98	-368.16	-0.0045506
	32.00000	26.00000	-8.50000	-81.694	-8.9310	-159.98	-367.22	-0.0045577
	33.00000	26.00000	-8.50000	-79.515	-8.9310	-159.97	-365.79	-0.0045683
	34.00000	26.00000	-8.50000	-76.822	-8.9310	-159.95	-363.52	-0.0045848
	35.00000	26.00000	-8.50000	-73.437	-8.9310	-159.89	-359.56	-0.0046127
	36.00000	26.00000	-8.50000	-69.052	-8.9310	-159.67	-351.44	-0.0046649
	37.00000	26.00000	-8.50000	-63.004	-8.9310	-157.78	-328.05	-0.0047575
	38.00000	26.00000	-8.50000	-51.942	-8.9310	-79.994	-186.20	-0.0022591
	39.00000	26.00000	-8.50000	-40.859	-8.9310	-2.2085	-44.357	239.22E-6
	40.00000	26.00000	-8.50000	-34.753	-8.9310	-0.31763	-20.951	146.47E-6
	41.00000	26.00000	-8.50000	-30.270	-8.9310	-0.094988	-12.812	94.149E-6
	42.00000	26.00000	-8.50000	-26.746	-8.9310	-0.039358	-8.8214	66.025E-6
	43.00000	26.00000	-8.50000	-23.869	-8.9310	-0.019584	-6.5082	49.148E-6
	44.00000	26.00000	-8.50000	-21.461	-8.9310	-0.010964	-5.0264	38.150E-6
	45.00000	26.00000	-8.50000	-19.407	-8.9310	-0.0066688	-4.0112	30.541E-6
	46.00000	26.00000	-8.50000	-17.632	-8.9310	-0.0043144	-3.2809	25.032E-6
	47.00000	26.00000	-8.50000	-16.080	-8.9310	-0.0029279	-2.7356	20.903E-6
	48.00000	26.00000	-8.50000	-14.711	-8.9310	-0.0020642	-2.3164	17.719E-6
	49.00000	26.00000	-8.50000	-13.495	-8.9310	-0.0015013	-1.9864	15.207E-6
	50.00000	26.00000	-8.50000	-12.408	-8.9310	-0.0011205	-1.7215	13.187E-6
	51.00000	26.00000	-8.50000	-11.432	-8.9310	-854.64E-6	-1.5054	11.538E-6
	52.00000	26.00000	-8.50000	-10.550	-8.9310	-664.08E-6	-1.3266	10.172E-6
	53.00000	26.00000	-8.50000	-9.7518	-8.9310	-524.33E-6	-1.1770	9.0272E-6
	54.00000	26.00000	-8.50000	-9.0260	-8.9310	-419.79E-6	-1.0504	8.0585E-6
	55.00000	26.00000	-8.50000	-8.3644	-8.9310	-340.22E-6	-0.94234	7.2314E-6
	56.00000	26.00000	-8.50000	-7.7597	-8.9310	-278.74E-6	-0.84940	6.5195E-6
	57.00000	26.00000	-8.50000	-7.2057	-8.9310	-230.57E-6	-0.76889	5.9025E-6
	58.00000	26.00000	-8.50000	-6.6971	-8.9310	-192.39E-6	-0.69869	5.3644E-6
	59.00000	26.00000	-8.50000	-6.2294	-8.9310	-161.78E-6	-0.63713	4.8924E-6
	60.00000	26.00000	-8.50000	-5.7986	-8.9310	-137.01E-6	-0.58287	4.4762E-6
	-20.00000	27.00000	-8.50000	-5.7875	-8.9310	-150.17E-6	-0.59225	4.5477E-6
	-19.00000	27.00000	-8.50000	-6.2191	-8.9310	-179.19E-6	-0.64901	4.9829E-6
	-18.00000	27.00000	-8.50000	-6.6881	-8.9310	-215.68E-6	-0.71381	5.4796E-6
	-17.00000	27.00000	-8.50000	-7.1989	-8.9310	-262.10E-6	-0.78827	6.0501E-6
	-16.00000	27.00000	-8.50000	-7.7561	-8.9310	-321.98E-6	-0.87439	6.7097E-6
	-15.00000	27.00000	-8.50000	-8.3656	-8.9310	-400.46E-6	-0.97481	7.4783E-6
	-14.00000	27.00000	-8.50000	-9.0340	-8.9310	-505.08E-6	-1.0929	8.3818E-6
	-13.00000	27.00000	-8.50000	-9.7694	-8.9310	-647.40E-6	-1.2333	9.4548E-6
	-12.00000	27.00000	-8.50000	-10.581	-8.9310	-845.57E-6	-1.4021	10.744E-6
	-11.00000	27.00000	-8.50000	-11.481	-8.9310	-0.0011291	-1.6079	12.313E-6
	-10.00000	27.00000	-8.50000	-12.484	-8.9310	-0.0015482	-1.8629	14.255E-6
	-9.00000	27.00000	-8.50000	-13.607	-8.9310	-0.0021921	-2.1854	16.705E-6
	-8.00000	27.00000	-8.50000	-14.875	-8.9310	-0.0032299	-2.6031	19.870E-6
	-7.00000	27.00000	-8.50000	-16.318	-8.9310	-0.0050062	-3.1612	24.081E-6
	-6.00000	27.00000	-8.50000	-17.978	-8.9310	-0.0082930	-3.9374	29.898E-6
	-5.00000	27.00000	-8.50000	-19.918	-8.9310	-0.015044	-5.0766	38.347E-6
	-4.00000	27.00000	-8.50000	-22.228	-8.9310	-0.031108	-6.8814	51.486E-6
	-3.00000	27.00000	-8.50000	-25.062	-8.9310	-0.078773	-10.090	73.962E-6
	-2.00000	27.00000	-8.50000	-28.704	-8.9310	-0.28302	-16.992	117.62E-6
	-1.00000	27.00000	-8.50000	-33.808	-8.9310	-2.1313	-38.467	197.49E-6
	0.00000	27.00000	-8.50000	-43.773	-8.9310	-79.839	-177.69	-0.0023175
	1.00000	27.00000	-8.50000	-53.739	-8.9310	-157.55	-316.91	-0.0048325
	2.00000	27.00000	-8.50000	-58.848	-8.9310	-159.39	-338.39	-0.0047526
	3.00000	27.00000	-8.50000	-62.499	-8.9310	-159.60	-345.30	-0.0047088
	4.00000	27.00000	-8.50000	-65.342	-8.9310	-159.65	-348.53	-0.0046862
	5.00000	27.00000	-8.50000	-67.661	-8.9310	-159.66	-350.35	-0.0046730
	6.00000	27.00000	-8.50000	-69.608	-8.9310	-159.67	-351.51	-0.0046643
	7.00000	27.00000	-8.50000	-71.273	-8.9310	-159.67	-352.31	-0.0046584
	8.00000	27.00000	-8.50000	-72.716	-8.9310	-159.67	-352.89	-0.0046540
	9.00000	27.00000	-8.50000	-73.979	-8.9310	-159.68	-353.34	-0.0046506
	10.00000	27.00000	-8.50000	-75.093	-8.9310	-159.68	-353.69	-0.0046479
	11.00000	27.00000	-8.50000	-76.083	-8.9310	-159.68	-353.98	-0.0046457
	12.00000	27.00000	-8.50000	-76.967	-8.9310	-159.68	-354.23	-0.0046438
	13.00000	27.00000	-8.50000	-77.762	-8.9310	-159.68	-354.46	-0.0046420
	14.00000	27.00000	-8.50000	-78.486	-8.9310	-159.68	-354.68	-0.0046404
	15.00000	27.00000	-8.50000	-79.152	-8.9310	-159.68	-354.91	-0.0046386
	16.00000	27.00000	-8.50000	-79.779	-8.9310	-159.68	-355.17	-0.0046367
	17.00000	27.00000	-8.50000	-80.384	-8.9310	-159.68	-355.50	-0.0046342
	18.00000	27.00000	-8.50000	-80.992	-8.9310	-159.68	-355.96	-0.0046308
	19.00000	27.00000	-8.50000	-81.629	-8.9310	-159.69	-356.66	-0.0046258
	20.00000	27.00000	-8.50000	-82.325	-8.9310	-159.71	-357.77	-0.0046181
	21.00000	27.00000	-8.50000	-83.095	-8.9310	-159.75	-359.53	-0.0046064
	22.00000	27.00000	-8.50000	-83.898	-8.9310	-159.83	-361.97	-0.0045912
	23.00000	27.00000	-8.50000	-84.602	-8.9310	-159.90	-364.38	-0.0045762
	24.00000	27.00000	-8.50000	-85.076	-8.9310	-159.95	-366.08	-0.0045651
	25.00000	27.00000	-8.50000	-85.274	-8.9310	-159.96	-367.06	-0.0045583
	26.00000	27.00000	-8.50000	-85.201	-8.9310	-159.97	-367.57	-0.0045547
	27.00000	27.00000	-8.50000	-84.876	-8.9310	-159.97	-367.78	-0.0045532
	28.00000	27.00000	-8.50000	-84.307	-8.9310	-159.97	-367.77	-0.0045533
	29.00000	27.00000	-8.50000	-83.493	-8.9310	-159.97	-367.59	-0.0045548
	30.00000	27.00000	-8.50000	-82.423	-8.9310	-159.97	-367.22	-0.0045576
	31.00000	27.00000	-8.50000	-81.070	-8.9310	-159.97	-366.63	-0.0045620
	32.00000	27.00000	-8.50000	-79.389	-8.9310	-159.97	-365.73	-0.0045687
	33.00000	27.00000	-8.50000	-77.313	-8.9310	-159.96	-364.37	-0.0045788
	34.00000	27.00000	-8.50000	-74.736	-8.9310	-159.94	-362.17	-0.0045948
	35.00000	27.00000	-8.50000	-71.483	-8.9310	-159.88	-358.31	-0.0046220
	36.00000	27.00000	-8.50000	-67.246	-8.9310	-159.66	-350.31	-0.0046733
	37.00000	27.00000	-8.50000	-61.359	-8.9310	-157.77	-327.06	-0.0047649
	38.00000	27.00000	-8.50000	-50.464	-8.9310	-79.989	-185.37	-0.0022654
	39.00000	27.00000	-8.50000	-39.549	-8.9310	-2.2052	-43.677	234.15E-6
	40.00000	27.00000	-8.50000	-33.603	-8.9310	-0.31535	-20.413	142.43E-6
	41.00000	27.00000	-8.50000	-29.266	-8.9310	-0.093488	-12.392	90.990E-6
	42.00000	27.00000	-8.50000	-25.871	-8.9310	-0.038385	-8.4957	63.565E-6
	43.00000	27.00000	-8.50000	-23.107	-8.9310	-0.018952	-6.2548	47.228E-6
	44.00000	27.00000	-8.50000	-20.795	-8.9310	-0.010549	-4.8278	36.642E-6
	45.00000	27.00000	-8.50000	-18.825	-8.9310	-0.0063909	-3.8540	29.345E-6
	46.00000	27.00000	-8.50000	-17.121	-8.9310	-0.0041246	-3.1552	24.075E-6
	47.00000	27.00000	-8.50000	-15.630	-8.9310	-0.0027956	-2.6341	20.129E-6
	48.00000	27.00000	-8.50000	-14.315	-8.9310	-0.0019702	-2.2337	17.087E-6
	49.00000	27.00000	-8.50000	-13.144	-8.9310	-0.0014333	-1.9183	14.687E-6
	50.00000	27.00000	-8.50000	-12.097	-8.9310	-0.0010704	-1.6651	12.756E-6
	51.00000	27.00000	-8.50000	-11.155	-8.9310	-817.21E-6	-1.4582	11.177E-6
	52.00000	27.00000	-8.50000	-10.303	-8.9310	-635.71E-6	-1.2869	9.8678E-6
	53.00000	27.00000	-8.50000	-9.5312	-8.9310	-502.55E-6	-1.1434	8.7698E-6
	54.00000	27.00000	-8.50000	-8.8285	-8.9310	-402.89E-6	-1.0218	7.8393E-6
	55.00000	27.00000	-8.50000	-8.1871	-8.9310	-326.97E-6	-0.91785	7.0436E-6
	56.00000	27.00000	-8.50000	-7.6003	-8.9310	-268

Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	0.00000	28.00000	-8.50000	-40.427	-8.9310	-78.893	-165.86	-0.0023648
	1.00000	28.00000	-8.50000	-49.488	-8.9310	-155.86	-298.29	-0.0048979
	2.00000	28.00000	-8.50000	-53.970	-8.9310	-157.55	-316.96	-0.0048321
	3.00000	28.00000	-8.50000	-57.206	-8.9310	-157.72	-322.80	-0.0047952
	4.00000	28.00000	-8.50000	-59.761	-8.9310	-157.76	-325.54	-0.0047759
	5.00000	28.00000	-8.50000	-61.869	-8.9310	-157.77	-327.12	-0.0047644
	6.00000	28.00000	-8.50000	-63.655	-8.9310	-157.78	-328.13	-0.0047569
	7.00000	28.00000	-8.50000	-65.195	-8.9310	-157.78	-328.84	-0.0047515
	8.00000	28.00000	-8.50000	-66.538	-8.9310	-157.78	-329.37	-0.0047476
	9.00000	28.00000	-8.50000	-67.721	-8.9310	-157.78	-329.77	-0.0047445
	10.00000	28.00000	-8.50000	-68.771	-8.9310	-157.78	-330.10	-0.0047420
	11.00000	28.00000	-8.50000	-69.709	-8.9310	-157.79	-330.37	-0.0047400
	12.00000	28.00000	-8.50000	-70.553	-8.9310	-157.79	-330.61	-0.0047382
	13.00000	28.00000	-8.50000	-71.320	-8.9310	-157.79	-330.83	-0.0047365
	14.00000	28.00000	-8.50000	-72.026	-8.9310	-157.79	-331.05	-0.0047348
	15.00000	28.00000	-8.50000	-72.688	-8.9310	-157.79	-331.29	-0.0047330
	16.00000	28.00000	-8.50000	-73.325	-8.9310	-157.79	-331.58	-0.0047308
	17.00000	28.00000	-8.50000	-73.963	-8.9310	-157.79	-331.98	-0.0047279
	18.00000	28.00000	-8.50000	-74.636	-8.9310	-157.80	-332.58	-0.0047235
	19.00000	28.00000	-8.50000	-75.396	-8.9310	-157.81	-333.61	-0.0047162
	20.00000	28.00000	-8.50000	-76.319	-8.9310	-157.86	-335.61	-0.0047030
	21.00000	28.00000	-8.50000	-77.510	-8.9310	-158.06	-339.94	-0.0046790
	22.00000	28.00000	-8.50000	-79.002	-8.9310	-158.87	-348.88	-0.0046477
	23.00000	28.00000	-8.50000	-80.401	-8.9310	-159.68	-357.80	-0.0046166
	24.00000	28.00000	-8.50000	-81.310	-8.9310	-159.89	-362.07	-0.0045931
	25.00000	28.00000	-8.50000	-81.759	-8.9310	-159.93	-363.94	-0.0045809
	26.00000	28.00000	-8.50000	-81.843	-8.9310	-159.95	-364.80	-0.0045749
	27.00000	28.00000	-8.50000	-81.628	-8.9310	-159.95	-365.17	-0.0045723
	28.00000	28.00000	-8.50000	-81.148	-8.9310	-159.95	-365.25	-0.0045718
	29.00000	28.00000	-8.50000	-80.418	-8.9310	-159.95	-365.11	-0.0045729
	30.00000	28.00000	-8.50000	-79.431	-8.9310	-159.95	-364.79	-0.0045753
	31.00000	28.00000	-8.50000	-78.167	-8.9310	-159.95	-364.25	-0.0045794
	32.00000	28.00000	-8.50000	-76.588	-8.9310	-159.95	-363.42	-0.0045856
	33.00000	28.00000	-8.50000	-74.630	-8.9310	-159.94	-362.13	-0.0045952
	34.00000	28.00000	-8.50000	-72.190	-8.9310	-159.92	-360.03	-0.0046104
	35.00000	28.00000	-8.50000	-69.099	-8.9310	-159.87	-356.31	-0.0046365
	36.00000	28.00000	-8.50000	-65.050	-8.9310	-159.65	-348.51	-0.0046864
	37.00000	28.00000	-8.50000	-59.373	-8.9310	-157.76	-325.50	-0.0047762
	38.00000	28.00000	-8.50000	-48.704	-8.9310	-79.979	-184.10	-0.0022747
	39.00000	28.00000	-8.50000	-38.015	-8.9310	-2.1983	-42.692	226.88E-6
	40.00000	28.00000	-8.50000	-32.280	-8.9310	-0.31111	-19.674	136.95E-6
	41.00000	28.00000	-8.50000	-28.129	-8.9310	-0.090968	-11.846	86.906E-6
	42.00000	28.00000	-8.50000	-24.895	-8.9310	-0.036899	-8.0910	60.521E-6
	43.00000	28.00000	-8.50000	-22.266	-8.9310	-0.018061	-5.9513	44.935E-6
	44.00000	28.00000	-8.50000	-20.068	-8.9310	-0.0099986	-4.5966	34.889E-6
	45.00000	28.00000	-8.50000	-18.193	-8.9310	-0.0060402	-3.6751	27.984E-6
	46.00000	28.00000	-8.50000	-16.569	-8.9310	-0.0038940	-3.0145	23.003E-6
	47.00000	28.00000	-8.50000	-15.147	-8.9310	-0.0026396	-2.5219	19.273E-6
	48.00000	28.00000	-8.50000	-13.889	-8.9310	-0.0018618	-2.1430	16.395E-6
	49.00000	28.00000	-8.50000	-12.768	-8.9310	-0.0013562	-1.8443	14.121E-6
	50.00000	28.00000	-8.50000	-11.764	-8.9310	-0.0010144	-1.6040	12.289E-6
	51.00000	28.00000	-8.50000	-10.859	-8.9310	-775.83E-6	-1.4074	10.788E-6
	52.00000	28.00000	-8.50000	-10.040	-8.9310	-604.62E-6	-1.2443	9.5415E-6
	53.00000	28.00000	-8.50000	-9.2956	-8.9310	-478.86E-6	-1.1074	8.4941E-6
	54.00000	28.00000	-8.50000	-8.6176	-8.9310	-384.60E-6	-0.99116	7.6048E-6
	55.00000	28.00000	-8.50000	-7.9979	-8.9310	-312.69E-6	-0.89168	6.8431E-6
	56.00000	28.00000	-8.50000	-7.4302	-8.9310	-256.98E-6	-0.80584	6.1855E-6
	57.00000	28.00000	-8.50000	-6.9089	-8.9310	-213.23E-6	-0.73125	5.6138E-6
	58.00000	28.00000	-8.50000	-6.4294	-8.9310	-178.45E-6	-0.66602	5.1138E-6
	59.00000	28.00000	-8.50000	-5.9876	-8.9310	-150.49E-6	-0.60867	4.6740E-6
	60.00000	28.00000	-8.50000	-5.5797	-8.9310	-127.81E-6	-0.55797	4.2852E-6
	-20.00000	29.00000	-8.50000	-5.5284	-8.9310	-136.78E-6	-0.56094	4.3076E-6
	-19.00000	29.00000	-8.50000	-5.9313	-8.9310	-162.32E-6	-0.61277	4.7050E-6
	-18.00000	29.00000	-8.50000	-6.3678	-8.9310	-194.19E-6	-0.67164	5.1563E-6
	-17.00000	29.00000	-8.50000	-6.8415	-8.9310	-234.40E-6	-0.73887	5.6713E-6
	-16.00000	29.00000	-8.50000	-7.3564	-8.9310	-285.80E-6	-0.81614	6.2633E-6
	-15.00000	29.00000	-8.50000	-7.9173	-8.9310	-352.46E-6	-0.90557	6.9481E-6
	-14.00000	29.00000	-8.50000	-8.5295	-8.9310	-440.31E-6	-1.0099	7.7465E-6
	-13.00000	29.00000	-8.50000	-9.1995	-8.9310	-558.27E-6	-1.1328	8.6859E-6
	-12.00000	29.00000	-8.50000	-9.9349	-8.9310	-720.09E-6	-1.2790	9.8027E-6
	-11.00000	29.00000	-8.50000	-10.745	-8.9310	-947.75E-6	-1.4551	11.146E-6
	-10.00000	29.00000	-8.50000	-11.640	-8.9310	-0.0012777	-1.6702	12.786E-6
	-9.00000	29.00000	-8.50000	-12.634	-8.9310	-0.0017733	-1.9378	14.821E-6
	-8.00000	29.00000	-8.50000	-13.745	-8.9310	-0.0025513	-2.2776	17.398E-6
	-7.00000	29.00000	-8.50000	-14.993	-8.9310	-0.0038419	-2.7209	20.747E-6
	-6.00000	29.00000	-8.50000	-16.407	-8.9310	-0.0061421	-3.3194	25.245E-6
	-5.00000	29.00000	-8.50000	-18.028	-8.9310	-0.0106657	-4.1661	31.547E-6
	-4.00000	29.00000	-8.50000	-19.912	-8.9310	-0.020817	-5.4450	40.914E-6
	-3.00000	29.00000	-8.50000	-22.148	-8.9310	-0.048987	-7.5803	56.036E-6
	-2.00000	29.00000	-8.50000	-24.889	-8.9310	-0.16075	-11.807	83.385E-6
	-1.00000	29.00000	-8.50000	-28.464	-8.9310	-1.1067	-23.682	131.06E-6
	0.00000	29.00000	-8.50000	-34.543	-8.9310	-40.000	-94.788	-0.0011167
	1.00000	29.00000	-8.50000	-40.622	-8.9310	-78.893	-165.90	-0.0023645
	2.00000	29.00000	-8.50000	-44.197	-8.9310	-79.839	-177.77	-0.0023168
	3.00000	29.00000	-8.50000	-46.938	-8.9310	-79.951	-182.01	-0.0022894
	4.00000	29.00000	-8.50000	-49.173	-8.9310	-79.979	-184.15	-0.0022742
	5.00000	29.00000	-8.50000	-51.056	-8.9310	-79.989	-185.44	-0.0022648
	6.00000	29.00000	-8.50000	-52.673	-8.9310	-79.994	-186.30	-0.0022584
	7.00000	29.00000	-8.50000	-54.082	-8.9310	-79.996	-186.92	-0.0022538
	8.00000	29.00000	-8.50000	-55.322	-8.9310	-79.997	-187.38	-0.0022503
	9.00000	29.00000	-8.50000	-56.422	-8.9310	-79.998	-187.74	-0.0022475
	10.00000	29.00000	-8.50000	-57.406	-8.9310	-79.999	-188.04	-0.0022453
	11.00000	29.00000	-8.50000	-58.290	-8.9310	-79.999	-188.29	-0.0022433
	12.00000	29.00000	-8.50000	-59.093	-8.9310	-79.999	-188.52	-0.0022416
	13.00000	29.00000	-8.50000	-59.829	-8.9310	-80.000	-188.73	-0.0022400
	14.00000	29.00000	-8.50000	-60.513	-8.9310	-80.000	-188.95	-0.0022383
	15.00000	29.00000	-8.50000	-61.165	-8.9310	-80.001	-189.20	-0.0022365
	16.00000	29.00000	-8.50000	-61.806	-8.9310	-80.003	-189.51	-0.0022341
	17.00000	29.00000	-8.50000	-62.467	-8.9310	-80.006	-189.97	-0.0022308
	18.00000	29.00000	-8.50000	-63.196	-8.9310	-80.013	-190.71	-0.0022254
	19.00000	29.00000	-8.50000	-64.072	-8.9310	-80.037	-192.13	-0.0022156
	20.00000	29.00000	-8.50000	-65.247	-8.9310	-80.141	-195.39	-0.0021953
	21.00000	29.00000	-8.50000	-67.062	-8.9310	-81.074	-206.04	-0.0021565
	22.00000	29.00000	-8.50000	-71.227	-8.9310	-119.95	-275.71	-0.0034145
	23.00000	29.00000	-8.50000	-75.303	-8.9310	-158.83	-345.30	-0.0046727
	24.00000	29.00000	-8.50000	-76.850	-8.9310	-159.76	-355.94	-0.0046344
	25.00000	29.00000	-8.50000	-77.575	-8.9310	-159.86	-359.10	-0.0046149
	26.00000	29.00000	-8.50000	-77.811	-8.9310	-159.89	-360.33	-0.0046064
	27.00000	29.00000	-8.50000	-77.700	-8.9310	-159.89	-360.87	-0.0046027
	28.00000	29.00000	-8.50000	-77.305	-8.9310	-159.90	-361.03	-0.0046017
	29.00000	29.00000	-8.50000	-76.654	-8.9310	-159.90	-360.95	-0.0046023
	30.00000	29.00000	-8.50000	-75.752	-8.9310	-159.90	-360.67	-0.0046044
	31.00000	29.00000	-8.50000	-74.583	-8.9310	-159.90	-360.19	-0.0046080
	32.00000	29.00000	-8.50000	-73.115	-8.9310	-159.89	-359.42	-0.0046138
	33.00000	29.00000	-8.50000	-71.289	-8.9310	-159.88	-358.23	-0.0046226
	34.00000	29.00000	-8.50000	-69.012	-8.9310	-159.87	-356.28	-0.0046368
	35.00000	29.00000	-8.50000	-66.120	-8.9310	-159.81	-352.78	-0.0046613
	36.00000	29.00000	-8.50000	-62.314	-8.9310	-159.60	-345.30	-0.0047088
	37.00000	29.00000	-8.50000	-56.926	-8.9310	-157.72	-322.78	-0.0047954
	38.00000	29.00000	-8.50000	-46.577	-8.9310	-79.951	-181.97	-0.0022897
	39.00000	29.00000	-8.50000	-36.208	-8.9310	-2.1817	-41.163	215.90E-6
	40.00000	29.00000	-8.50000	-30.761	-8.9310	-0.30244	-18.623	129.28E-6
	41.00000	29.00000	-8.50000	-26.854	-8.9310	-0.086586	-11.129	81.590E-6
	42.00000	29.00000	-8.50000	-23.818	-8.9310	-0.034625	-7.5904	56.776E-6
	43.00000	29.00000	-8.50000	-21.350	-8.9310	-0.016820	-5.5922	42.231E-6
	44.00000	29.00000	-8.50000	-19.283	-8.9310	-0.0092848	-4.3317	32.884E-6
	45.00000	29.00000	-8.50000	-17.515	-8.9310	-0.0056081	-3.4746	26.463E-6
	46.00000	29.00000	-8.50000	-15.980	-8.9310	-0.0036205	-2.8595	21.824E-6
	47.00000	29.00000	-8.50000	-14.632	-8.9310	-0.0024596	-2.3998	18.342E-6
	48.00000	29.00000	-8.50000	-13.437	-8.9310	-0.0017394	-2.0452	15.649E-6
	49.00000	29.00000	-8.50000	-12.370	-8.9310	-0.0012706	-1.7650	13.515E-6
	50.00000	29.00000	-8.50000	-11.412	-8.9310	-953.05E-6	-1.5389	11.791E-6
	51.00000	29.00000	-8.50000	-10.546	-8.9310	-730.90E-6	-1.3534	10.375E-6
	52.00000	29.00000	-8.50000	-9.7610	-8.9310	-571.12E-6	-1.1991	9.1956E-6
	53.00000	29.00000	-8.50000	-9.0467	-8.9310	-453.48E-6	-1.0693	8.2023E-6
	54.00000	29.00000	-8.50000	-8.3947	-8.9310	-365.09E-6	-0.95882	7.3569E-6
	55.00000	29.00000	-8.50000	-7.7979	-8.9310	-297.52E-6	-0.86405	6.6312E-6
	56.00000	29.00000	-8.50000	-7.2504	-8.9310	-245.04E-6	-0.78210	6.0034E-6
	57.00000	29.00000	-8.50000	-6.7470	-8.9310	-203.74E-6	-0.71074	5.4566E-6
	58.00000	29.00000	-8.50000	-6.2832	-8.9310	-170.84E-6	-0.64823	4.9773E-6
	59.00000	29.00000	-8.50000	-5.8554	-8.9310	-144.35E-6	-0.59316	4.5551E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	60.00000	29.00000	-8.50000	-5.4601	-8.9310	-122.80E-6	-0.54441	4.1811E-6
	-20.00000	30.00000	-8.50000	-5.3894	-8.9310	-129.69E-6	-0.54425	4.1796E-6
	-19.00000	30.00000	-8.50000	-5.7772	-8.9310	-153.39E-6	-0.59348	4.5571E-6
	-18.00000	30.00000	-8.50000	-6.1965	-8.9310	-182.83E-6	-0.64921	4.9843E-6
	-17.00000	30.00000	-8.50000	-6.6506	-8.9310	-219.78E-6	-0.71264	5.4705E-6
	-16.00000	30.00000	-8.50000	-7.1432	-8.9310	-266.73E-6	-0.78526	6.0267E-6
	-15.00000	30.00000	-8.50000	-7.6784	-8.9310	-327.19E-6	-0.86894	6.6675E-6
	-14.00000	30.00000	-8.50000	-8.2610	-8.9310	-406.26E-6	-0.96607	7.4108E-6
	-13.00000	30.00000	-8.50000	-8.8967	-8.9310	-511.49E-6	-1.0798	8.2805E-6
	-12.00000	30.00000	-8.50000	-9.5921	-8.9310	-654.34E-6	-1.2142	9.3074E-6
	-11.00000	30.00000	-8.50000	-10.355	-8.9310	-852.86E-6	-1.3748	10.533E-6
	-10.00000	30.00000	-8.50000	-11.194	-8.9310	-0.0011364	-1.5692	12.015E-6
	-9.00000	30.00000	-8.50000	-12.121	-8.9310	-0.0015547	-1.8081	13.834E-6
	-8.00000	30.00000	-8.50000	-13.149	-8.9310	-0.0021969	-2.1074	16.106E-6
	-7.00000	30.00000	-8.50000	-14.296	-8.9310	-0.0032322	-2.4909	19.007E-6
	-6.00000	30.00000	-8.50000	-15.583	-8.9310	-0.0050084	-2.9965	22.814E-6
	-5.00000	30.00000	-8.50000	-17.038	-8.9310	-0.0083130	-3.6888	27.985E-6
	-4.00000	30.00000	-8.50000	-18.699	-8.9310	-0.015173	-4.6851	35.331E-6
	-3.00000	30.00000	-8.50000	-20.617	-8.9310	-0.031784	-6.2228	46.390E-6
	-2.00000	30.00000	-8.50000	-22.865	-8.9310	-0.082112	-8.8442	64.228E-6
	-1.00000	30.00000	-8.50000	-25.533	-8.9310	-0.28783	-13.930	93.849E-6
	0.00000	30.00000	-8.50000	-28.630	-8.9310	-1.1067	-23.712	131.29E-6
	1.00000	30.00000	-8.50000	-31.726	-8.9310	-1.9257	-33.494	168.73E-6
	2.00000	30.00000	-8.50000	-34.393	-8.9310	-2.1314	-38.583	198.38E-6
	3.00000	30.00000	-8.50000	-36.639	-8.9310	-2.1817	-41.210	216.26E-6
	4.00000	30.00000	-8.50000	-38.553	-8.9310	-2.1983	-42.755	227.37E-6
	5.00000	30.00000	-8.50000	-40.209	-8.9310	-2.2052	-43.761	234.79E-6
	6.00000	30.00000	-8.50000	-41.658	-8.9310	-2.2086	-44.466	240.05E-6
	7.00000	30.00000	-8.50000	-42.936	-8.9310	-2.2104	-44.986	243.97E-6
	8.00000	30.00000	-8.50000	-44.072	-8.9310	-2.2114	-45.387	247.01E-6
	9.00000	30.00000	-8.50000	-45.089	-8.9310	-2.2121	-45.708	249.45E-6
	10.00000	30.00000	-8.50000	-46.005	-8.9310	-2.2126	-45.975	251.48E-6
	11.00000	30.00000	-8.50000	-46.834	-8.9310	-2.2130	-46.206	253.24E-6
	12.00000	30.00000	-8.50000	-47.593	-8.9310	-2.2133	-46.416	254.84E-6
	13.00000	30.00000	-8.50000	-48.294	-8.9310	-2.2137	-46.620	256.39E-6
	14.00000	30.00000	-8.50000	-48.953	-8.9310	-2.2142	-46.834	258.01E-6
	15.00000	30.00000	-8.50000	-49.588	-8.9310	-2.2150	-47.084	259.90E-6
	16.00000	30.00000	-8.50000	-50.223	-8.9310	-2.2166	-47.412	262.34E-6
	17.00000	30.00000	-8.50000	-50.891	-8.9310	-2.2201	-47.899	265.93E-6
	18.00000	30.00000	-8.50000	-51.649	-8.9310	-2.2293	-48.732	271.91E-6
	19.00000	30.00000	-8.50000	-52.598	-8.9310	-2.2604	-50.411	283.39E-6
	20.00000	30.00000	-8.50000	-53.948	-8.9310	-2.4143	-54.684	309.15E-6
	21.00000	30.00000	-8.50000	-56.260	-8.9310	-4.0568	-71.049	359.21E-6
	22.00000	30.00000	-8.50000	-62.923	-8.9310	-80.945	-200.44	-0.0021936
	23.00000	30.00000	-8.50000	-69.501	-8.9310	-157.83	-329.82	-0.0047465
	24.00000	30.00000	-8.50000	-71.561	-8.9310	-159.48	-346.12	-0.0046969
	25.00000	30.00000	-8.50000	-72.487	-8.9310	-159.63	-350.29	-0.0046719
	26.00000	30.00000	-8.50000	-72.833	-8.9310	-159.66	-351.82	-0.0046616
	27.00000	30.00000	-8.50000	-72.800	-8.9310	-159.67	-352.45	-0.0046572
	28.00000	30.00000	-8.50000	-72.476	-8.9310	-159.67	-352.66	-0.0046557
	29.00000	30.00000	-8.50000	-71.900	-8.9310	-159.67	-352.62	-0.0046560
	30.00000	30.00000	-8.50000	-71.080	-8.9310	-159.67	-352.39	-0.0046578
	31.00000	30.00000	-8.50000	-70.009	-8.9310	-159.67	-351.96	-0.0046610
	32.00000	30.00000	-8.50000	-68.659	-8.9310	-159.67	-351.28	-0.0046661
	33.00000	30.00000	-8.50000	-66.981	-8.9310	-159.66	-350.20	-0.0046741
	34.00000	30.00000	-8.50000	-64.890	-8.9310	-159.65	-348.45	-0.0046868
	35.00000	30.00000	-8.50000	-62.242	-8.9310	-159.60	-345.28	-0.0047090
	36.00000	30.00000	-8.50000	-58.755	-8.9310	-159.39	-338.40	-0.0047525
	37.00000	30.00000	-8.50000	-53.783	-8.9310	-157.55	-316.95	-0.0048322
	38.00000	30.00000	-8.50000	-43.930	-8.9310	-79.839	-177.75	-0.0023170
	39.00000	30.00000	-8.50000	-34.057	-8.9310	-2.1314	-38.551	198.13E-6
	40.00000	30.00000	-8.50000	-29.025	-8.9310	-0.28316	-17.085	118.33E-6
	41.00000	30.00000	-8.50000	-25.439	-8.9310	-0.078907	-10.189	74.715E-6
	42.00000	30.00000	-8.50000	-22.647	-8.9310	-0.031233	-6.9820	52.254E-6
	43.00000	30.00000	-8.50000	-20.366	-8.9310	-0.011517	-5.1765	39.110E-6
	44.00000	30.00000	-8.50000	-18.447	-8.9310	-0.0083931	-4.0347	30.641E-6
	45.00000	30.00000	-8.50000	-16.798	-8.9310	-0.0050940	-3.2547	24.795E-6
	46.00000	30.00000	-8.50000	-15.360	-8.9310	-0.0033061	-2.6919	20.549E-6
	47.00000	30.00000	-8.50000	-14.092	-8.9310	-0.0022578	-2.2691	17.346E-6
	48.00000	30.00000	-8.50000	-12.964	-8.9310	-0.0016047	-1.9414	14.857E-6
	49.00000	30.00000	-8.50000	-11.953	-8.9310	-0.0011796	-1.6812	12.875E-6
	50.00000	30.00000	-8.50000	-11.043	-8.9310	-887.11E-6	-1.4704	11.267E-6
	51.00000	30.00000	-8.50000	-10.218	-8.9310	-683.00E-6	-1.2967	9.9411E-6
	52.00000	30.00000	-8.50000	-9.4694	-8.9310	-535.62E-6	-1.1518	8.8333E-6
	53.00000	30.00000	-8.50000	-8.7863	-8.9310	-426.71E-6	-1.0294	7.8970E-6
	54.00000	30.00000	-8.50000	-8.1615	-8.9310	-344.60E-6	-0.92501	7.0979E-6
	55.00000	30.00000	-8.50000	-7.5886	-8.9310	-281.62E-6	-0.83517	6.4099E-6
	56.00000	30.00000	-8.50000	-7.0620	-8.9310	-232.56E-6	-0.75729	5.8132E-6
	57.00000	30.00000	-8.50000	-6.5772	-8.9310	-193.84E-6	-0.68932	5.2923E-6
	58.00000	30.00000	-8.50000	-6.1299	-8.9310	-162.91E-6	-0.62964	4.8347E-6
	59.00000	30.00000	-8.50000	-5.7167	-8.9310	-137.94E-6	-0.57695	4.4307E-6
	60.00000	30.00000	-8.50000	-5.3344	-8.9310	-117.58E-6	-0.53022	4.0722E-6
	-20.00000	31.00000	-8.50000	-5.2454	-8.9310	-122.46E-6	-0.52706	4.0477E-6
	-19.00000	31.00000	-8.50000	-5.6176	-8.9310	-144.31E-6	-0.57364	4.4050E-6
	-18.00000	31.00000	-8.50000	-6.0193	-8.9310	-171.30E-6	-0.62620	4.8079E-6
	-17.00000	31.00000	-8.50000	-6.4534	-8.9310	-204.98E-6	-0.68578	5.2646E-6
	-16.00000	31.00000	-8.50000	-6.9232	-8.9310	-247.47E-6	-0.75369	5.7849E-6
	-15.00000	31.00000	-8.50000	-7.4323	-8.9310	-301.77E-6	-0.83157	6.3813E-6
	-14.00000	31.00000	-8.50000	-7.9850	-8.9310	-372.15E-6	-0.92146	7.0694E-6
	-13.00000	31.00000	-8.50000	-8.5860	-8.9310	-464.83E-6	-1.0260	7.8691E-6
	-12.00000	31.00000	-8.50000	-9.2408	-8.9310	-589.11E-6	-1.1487	8.8065E-6
	-11.00000	31.00000	-8.50000	-9.9561	-8.9310	-759.32E-6	-1.2939	9.9157E-6
	-10.00000	31.00000	-8.50000	-10.739	-8.9310	-998.15E-6	-1.4679	11.243E-6
	-9.00000	31.00000	-8.50000	-11.599	-8.9310	-0.0013430	-1.6790	12.850E-6
	-8.00000	31.00000	-8.50000	-12.546	-8.9310	-0.0018579	-1.9391	14.827E-6
	-7.00000	31.00000	-8.50000	-13.594	-8.9310	-0.0026588	-2.2655	17.300E-6
	-6.00000	31.00000	-8.50000	-14.756	-8.9310	-0.0039677	-2.6842	20.460E-6
	-5.00000	31.00000	-8.50000	-16.052	-8.9310	-0.0062404	-3.2359	24.598E-6
	-4.00000	31.00000	-8.50000	-17.503	-8.9310	-0.010490	-3.9864	30.173E-6
	-3.00000	31.00000	-8.50000	-19.133	-8.9310	-0.019160	-5.0459	37.922E-6
	-2.00000	31.00000	-8.50000	-20.966	-8.9310	-0.038441	-6.5949	48.945E-6
	-1.00000	31.00000	-8.50000	-23.006	-8.9310	-0.082130	-8.8673	64.404E-6
	0.00000	31.00000	-8.50000	-25.195	-8.9310	-0.16080	-11.859	83.784E-6
	1.00000	31.00000	-8.50000	-27.383	-8.9310	-0.23947	-14.852	103.17E-6
	2.00000	31.00000	-8.50000	-29.421	-8.9310	-0.28316	-17.127	118.65E-6
	3.00000	31.00000	-8.50000	-31.250	-8.9310	-0.30245	-18.681	129.71E-6
	4.00000	31.00000	-8.50000	-32.875	-8.9310	-0.31113	-19.746	137.50E-6
	5.00000	31.00000	-8.50000	-34.319	-8.9310	-0.31539	-20.505	143.14E-6
	6.00000	31.00000	-8.50000	-35.606	-8.9310	-0.31769	-21.067	147.36E-6
	7.00000	31.00000	-8.50000	-36.757	-8.9310	-0.31902	-21.499	150.62E-6
	8.00000	31.00000	-8.50000	-37.792	-8.9310	-0.31985	-21.842	153.22E-6
	9.00000	31.00000	-8.50000	-38.727	-8.9310	-0.32041	-22.123	155.35E-6
	10.00000	31.00000	-8.50000	-39.575	-8.9310	-0.32081	-22.361	157.16E-6
	11.00000	31.00000	-8.50000	-40.349	-8.9310	-0.32114	-22.570	158.76E-6
	12.00000	31.00000	-8.50000	-41.061	-8.9310	-0.32145	-22.764	160.24E-6
	13.00000	31.00000	-8.50000	-41.725	-8.9310	-0.32180	-22.956	161.69

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	39.00000	31.00000	-8.50000	-31.472	-8.9310	-1.9257	-33.473	168.57E-6
	40.00000	31.00000	-8.50000	-27.070	-8.9310	-0.23947	-14.822	102.94E-6
	41.00000	31.00000	-8.50000	-23.900	-8.9310	-0.066268	-8.9985	66.145E-6
	42.00000	31.00000	-8.50000	-21.397	-8.9310	-0.026536	-6.2707	47.001E-6
	43.00000	31.00000	-8.50000	-19.329	-8.9310	-0.013072	-4.7119	35.634E-6
	44.00000	31.00000	-8.50000	-17.572	-8.9310	-0.0073415	-3.7116	28.206E-6
	45.00000	31.00000	-8.50000	-16.050	-8.9310	-0.0045112	-3.0195	23.014E-6
	46.00000	31.00000	-8.50000	-14.715	-8.9310	-0.0029590	-2.5148	19.203E-6
	47.00000	31.00000	-8.50000	-13.531	-8.9310	-0.0020392	-2.1320	16.302E-6
	48.00000	31.00000	-8.50000	-12.472	-8.9310	-0.0014607	-1.8331	14.030E-6
	49.00000	31.00000	-8.50000	-11.521	-8.9310	-0.0010792	-1.5941	12.209E-6
	50.00000	31.00000	-8.50000	-10.660	-8.9310	-817.81E-6	-1.3993	10.723E-6
	51.00000	31.00000	-8.50000	-9.8791	-8.9310	-632.95E-6	-1.2380	9.4920E-6
	52.00000	31.00000	-8.50000	-9.1671	-8.9310	-498.68E-6	-1.1028	8.4584E-6
	53.00000	31.00000	-8.50000	-8.5161	-8.9310	-398.94E-6	-0.98819	7.5813E-6
	54.00000	31.00000	-8.50000	-7.9194	-8.9310	-323.39E-6	-0.89004	6.8299E-6
	55.00000	31.00000	-8.50000	-7.3712	-8.9310	-265.18E-6	-0.80530	6.1810E-6
	56.00000	31.00000	-8.50000	-6.8664	-8.9310	-219.67E-6	-0.73162	5.6164E-6
	57.00000	31.00000	-8.50000	-6.4007	-8.9310	-183.62E-6	-0.66714	5.1222E-6
	58.00000	31.00000	-8.50000	-5.9705	-8.9310	-154.73E-6	-0.61037	4.6870E-6
	59.00000	31.00000	-8.50000	-5.5724	-8.9310	-131.33E-6	-0.56015	4.3018E-6
	60.00000	31.00000	-8.50000	-5.2036	-8.9310	-112.20E-6	-0.51550	3.9593E-6
	-20.00000	32.00000	-8.50000	-5.0972	-8.9310	-115.19E-6	-0.50952	3.9132E-6
	-19.00000	32.00000	-8.50000	-5.4536	-8.9310	-135.20E-6	-0.55344	4.2500E-6
	-18.00000	32.00000	-8.50000	-5.8375	-8.9310	-159.78E-6	-0.60281	4.6288E-6
	-17.00000	32.00000	-8.50000	-6.2514	-8.9310	-190.24E-6	-0.65855	5.0558E-6
	-16.00000	32.00000	-8.50000	-6.6982	-8.9310	-228.38E-6	-0.72179	5.5404E-6
	-15.00000	32.00000	-8.50000	-7.1811	-8.9310	-276.69E-6	-0.79391	6.0928E-6
	-14.00000	32.00000	-8.50000	-7.7037	-8.9310	-338.68E-6	-0.87667	6.7264E-6
	-13.00000	32.00000	-8.50000	-8.2700	-8.9310	-419.36E-6	-0.97225	7.4577E-6
	-12.00000	32.00000	-8.50000	-8.8847	-8.9310	-526.08E-6	-1.0834	8.3080E-6
	-11.00000	32.00000	-8.50000	-9.5530	-8.9310	-669.84E-6	-1.2139	9.3045E-6
	-10.00000	32.00000	-8.50000	-10.281	-8.9310	-867.56E-6	-1.3683	10.483E-6
	-9.00000	32.00000	-8.50000	-11.075	-8.9310	-0.0011460	-1.5531	11.892E-6
	-8.00000	32.00000	-8.50000	-11.944	-8.9310	-0.0015492	-1.7769	13.594E-6
	-7.00000	32.00000	-8.50000	-12.896	-8.9310	-0.0021513	-2.0516	15.678E-6
	-6.00000	32.00000	-8.50000	-13.941	-8.9310	-0.0030836	-2.3938	18.267E-6
	-5.00000	32.00000	-8.50000	-15.090	-8.9310	-0.0045855	-2.8274	21.532E-6
	-4.00000	32.00000	-8.50000	-16.354	-8.9310	-0.0071071	-3.3858	25.710E-6
	-3.00000	32.00000	-8.50000	-17.741	-8.9310	-0.011491	-4.1142	31.110E-6
	-2.00000	32.00000	-8.50000	-19.254	-8.9310	-0.019173	-5.0641	38.061E-6
	-1.00000	32.00000	-8.50000	-20.878	-8.9310	-0.031815	-6.2636	46.702E-6
	0.00000	32.00000	-8.50000	-22.571	-8.9310	-0.049044	-7.6493	56.564E-6
	1.00000	32.00000	-8.50000	-24.262	-8.9310	-0.066274	-9.0358	66.432E-6
	2.00000	32.00000	-8.50000	-25.883	-8.9310	-0.078919	-10.238	75.090E-6
	3.00000	32.00000	-8.50000	-27.391	-8.9310	-0.086607	-11.191	82.070E-6
	4.00000	32.00000	-8.50000	-28.772	-8.9310	-0.091000	-11.925	87.511E-6
	5.00000	32.00000	-8.50000	-30.027	-8.9310	-0.093533	-12.491	91.744E-6
	6.00000	32.00000	-8.50000	-31.165	-8.9310	-0.095051	-12.934	95.080E-6
	7.00000	32.00000	-8.50000	-32.197	-8.9310	-0.096005	-13.288	97.759E-6
	8.00000	32.00000	-8.50000	-33.136	-8.9310	-0.096635	-13.577	99.957E-6
	9.00000	32.00000	-8.50000	-33.990	-8.9310	-0.097078	-13.820	101.81E-6
	10.00000	32.00000	-8.50000	-34.772	-8.9310	-0.097414	-14.031	103.41E-6
	11.00000	32.00000	-8.50000	-35.490	-8.9310	-0.097697	-14.219	104.84E-6
	12.00000	32.00000	-8.50000	-36.155	-8.9310	-0.097973	-14.396	106.19E-6
	13.00000	32.00000	-8.50000	-36.778	-8.9310	-0.098296	-14.573	107.54E-6
	14.00000	32.00000	-8.50000	-37.371	-8.9310	-0.098749	-14.765	108.99E-6
	15.00000	32.00000	-8.50000	-37.950	-8.9310	-0.099495	-14.993	110.71E-6
	16.00000	32.00000	-8.50000	-38.534	-8.9310	-0.10090	-15.293	112.96E-6
	17.00000	32.00000	-8.50000	-39.155	-8.9310	-0.10395	-15.736	116.22E-6
	18.00000	32.00000	-8.50000	-39.857	-8.9310	-0.11160	-16.474	121.54E-6
	19.00000	32.00000	-8.50000	-40.720	-8.9310	-0.13539	-17.884	131.29E-6
	20.00000	32.00000	-8.50000	-41.897	-8.9310	-0.23947	-21.151	151.61E-6
	21.00000	32.00000	-8.50000	-43.726	-8.9310	-1.1728	-31.801	190.45E-6
	22.00000	32.00000	-8.50000	-47.921	-8.9310	-40.049	-101.48	-0.0010675
	23.00000	32.00000	-8.50000	-52.042	-8.9310	-78.924	-171.15	-0.0023256
	24.00000	32.00000	-8.50000	-53.651	-8.9310	-79.858	-181.75	-0.0022872
	25.00000	32.00000	-8.50000	-54.455	-8.9310	-79.962	-184.93	-0.0022675
	26.00000	32.00000	-8.50000	-54.793	-8.9310	-79.985	-186.21	-0.0022587
	27.00000	32.00000	-8.50000	-54.806	-8.9310	-79.993	-186.78	-0.0022547
	28.00000	32.00000	-8.50000	-54.566	-8.9310	-79.995	-186.99	-0.0022532
	29.00000	32.00000	-8.50000	-54.106	-8.9310	-79.996	-187.00	-0.0022532
	30.00000	32.00000	-8.50000	-53.438	-8.9310	-79.996	-186.84	-0.0022544
	31.00000	32.00000	-8.50000	-52.561	-8.9310	-79.995	-186.52	-0.0022568
	32.00000	32.00000	-8.50000	-51.459	-8.9310	-79.993	-186.01	-0.0022606
	33.00000	32.00000	-8.50000	-50.104	-8.9310	-79.989	-185.24	-0.0022664
	34.00000	32.00000	-8.50000	-48.446	-8.9310	-79.979	-184.01	-0.0022753
	35.00000	32.00000	-8.50000	-46.403	-8.9310	-79.951	-181.92	-0.0022901
	36.00000	32.00000	-8.50000	-43.825	-8.9310	-79.839	-177.72	-0.0023173
	37.00000	32.00000	-8.50000	-40.390	-8.9310	-78.893	-165.87	-0.0023647
	38.00000	32.00000	-8.50000	-34.428	-8.9310	-40.000	-94.788	-0.0011167
	39.00000	32.00000	-8.50000	-28.448	-8.9310	-1.1068	-23.700	131.20E-6
	40.00000	32.00000	-8.50000	-24.955	-8.9310	-0.16080	-11.839	83.627E-6
	41.00000	32.00000	-8.50000	-22.281	-8.9310	-0.049042	-7.6217	56.352E-6
	42.00000	32.00000	-8.50000	-20.100	-8.9310	-0.020872	-5.4928	41.280E-6
	43.00000	32.00000	-8.50000	-18.259	-8.9310	-0.010710	-4.2180	31.944E-6
	44.00000	32.00000	-8.50000	-16.672	-8.9310	-0.0061925	-3.3735	25.659E-6
	45.00000	32.00000	-8.50000	-15.282	-8.9310	-0.0038884	-2.7757	21.167E-6
	46.00000	32.00000	-8.50000	-14.053	-8.9310	-0.0025935	-2.3321	17.816E-6
	47.00000	32.00000	-8.50000	-12.955	-8.9310	-0.0018113	-1.9912	15.230E-6
	48.00000	32.00000	-8.50000	-11.968	-8.9310	-0.0013116	-1.7220	13.183E-6
	49.00000	32.00000	-8.50000	-11.077	-8.9310	-977.83E-6	-1.5049	11.528E-6
	50.00000	32.00000	-8.50000	-10.268	-8.9310	-746.67E-6	-1.3265	10.167E-6
	51.00000	32.00000	-8.50000	-9.5304	-8.9310	-581.69E-6	-1.1780	9.0326E-6
	52.00000	32.00000	-8.50000	-8.8562	-8.9310	-460.92E-6	-1.0527	8.0748E-6
	53.00000	32.00000	-8.50000	-8.2382	-8.9310	-370.59E-6	-0.94600	7.2581E-6
	54.00000	32.00000	-8.50000	-7.6702	-8.9310	-301.74E-6	-0.85423	6.5555E-6
	55.00000	32.00000	-8.50000	-7.1471	-8.9310	-248.42E-6	-0.77470	5.9464E-6
	56.00000	32.00000	-8.50000	-6.6645	-8.9310	-206.53E-6	-0.70530	5.4146E-6
	57.00000	32.00000	-8.50000	-6.2185	-8.9310	-173.20E-6	-0.64437	4.9476E-6
	58.00000	32.00000	-8.50000	-5.8057	-8.9310	-146.38E-6	-0.59059	4.5352E-6
	59.00000	32.00000	-8.50000	-5.4232	-8.9310	-124.58E-6	-0.54287	4.1692E-6
	60.00000	32.00000	-8.50000	-5.0682	-8.9310	-106.71E-6	-0.50035	3.8430E-6
	-20.00000	33.00000	-8.50000	-4.9458	-8.9310	-107.96E-6	-0.49177	3.7770E-6
	-19.00000	33.00000	-8.50000	-5.2863	-8.9310	-126.19E-6	-0.53305	4.0936E-6
	-18.00000	33.00000	-8.50000	-5.6523	-8.9310	-148.42E-6	-0.57927	4.4480E-6
	-17.00000	33.00000	-8.50000	-6.0460	-8.9310	-175.77E-6	-0.63122	4.8463E-6
	-16.00000	33.00000	-8.50000	-6.4698	-8.9310	-209.74E-6	-0.68986	5.2957E-6
	-15.00000	33.00000	-8.50000	-6.9266	-8.9310	-252.37E-6	-0.75638	5.8053E-6
	-14.00000	33.00000	-8.50000	-7.4194	-8.9310	-306.47E-6	-0.83221	6.3860E-6
	-13.00000	33.00000	-8.50000	-7.9515	-8.9310	-375.99E-6	-0.91916	7.0514E-6
	-12.00000	33.00000	-8.50000	-8.5267	-8.9310	-466.58E-6	-1.0194	7.8186E-6
	-11.00000	33.00000	-8.50000	-9.1492	-8.9310	-586.46E-6	-1.1359	8.7088E-6
	-10.00000	33.00000	-8.50000	-9.8236	-8.9310	-747.84E-6	-1.2722	9.7493E-6
	-9.00000	33.00000	-8.50000	-10.555	-8.9310	-969.21E-6	-1.4329	10.975E-6
	-8.00000	33.00000	-8.50000	-11.349	-8.9310	-0.0012793	-1.6241	12.431E-6
	-7.00000	33.00000	-8.50000	-12.212	-8.9310	-0.0017234	-1.8536	14.176E-6
	-6.00000	33.00000	-8.50000	-13.149	-8.9310	-0.0023746	-2.1317	16.284E-6
	-5.00000	33.00000	-8.50000	-14.167	-8.9310	-0.0033508	-2.4714	18.851E-6
	-4.00000	33.00000	-8.50000	-15.269	-8.9310	-0.0048392	-2.8886	21.991E-6
	-3.00000	33.00000	-8.50000	-16.458	-8.9310	-0.0071157	-3.4002	25.821E-6
	-2.00000	33.00000	-8.50000	-17.727	-8.9310	-0.010511	-4.0188	30.421E-6
	-1.00000	33.00000	-8.50000	-19.061	-8.9310	-0.015211	-4.7394	35.747E-6
	0.00000	33.00000	-8.50000	-20.432	-8.9310	-0.020878	-5.5262	41.536E-6
	1.00000	33.00000	-8.50000	-21.802	-8.9310	-0.026547	-6.3137	47.330E-6
	2.00000	33.00000	-8.50000	-23.132	-8.9310	-0.031250	-7.0363	52.671E-6
	3.00000	33.00000	-8.50000	-24.395	-8.9310	-0.034650	-7.6580	57.295E-6
	4.00000	33.00000	-8.50000	-25.576	-8.9310	-0.036934	-8.1744	61.161E-6
	5.00000	33.00000	-8.50000	-26.668	-8.9310	-0.038433	-8.5980	64.349E-6
	6.00000	33.00000	-8.50000	-27.673	-8.9310	-0.039423	-8.9459	66.980E-6
	7.00000	33.00000	-8.50000	-28.596	-8.9310	-0.040094	-9.2347	69.169E-6
	8.00000	33.00000	-8.50000	-29.444	-8.9310	-0.040564	-9.4779	71.018E-6
	9.00000	33.00000	-8.50000	-30.222	-8.9310	-0.040911	-9.6870	72.610E-6
	10.00000	33.00000	-8.50000	-30.939	-8.9310	-0.041185	-9.8712	74.014E-6
	11.00000	33.00000	-8.50000	-31.603	-8.9310	-0.041424	-10.039	75.295E-6
	12.00000	33.00000	-8.50000	-32.220	-8.9310	-0.041665	-10.199	76.514E-6
	13.00000	33.00000	-8.50000	-32.800	-8.9310	-0.041951	-10.360	77.740E-6
	14.00000	33.00000	-8.50000	-33.355	-8.9310	-0.042349	-10.535	79.065E-6
	15.00000	33.00000	-8.50000	-33.895	-8.9310	-0.042988	-10.741	80.619E-6
	16.00000	33.00000	-8.50000	-34.439	-8.9310	-0.044148	-11.007	82.613E-6
	17.00000	33.00000	-8.50000	-35.008	-8.9310	-0.046500	-11.386	85.416E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	18.00000	33.00000	-8.50000	-35.638	-8.9310	-0.051884	-11.979	89.727E-6
	19.00000	33.00000	-8.50000	-36.377	-8.9310	-0.066221	-13.006	96.969E-6
	20.00000	33.00000	-8.50000	-37.302	-8.9310	-0.11315	-14.999	110.13E-6
	21.00000	33.00000	-8.50000	-38.518	-8.9310	-0.31414	-19.340	134.24E-6
	22.00000	33.00000	-8.50000	-40.059	-8.9310	-1.1274	-28.297	165.60E-6
	23.00000	33.00000	-8.50000	-41.532	-8.9310	-1.9406	-37.239	196.84E-6
	24.00000	33.00000	-8.50000	-42.543	-8.9310	-2.1415	-41.535	220.61E-6
	25.00000	33.00000	-8.50000	-43.123	-8.9310	-2.1883	-43.449	233.17E-6
	26.00000	33.00000	-8.50000	-43.374	-8.9310	-2.2025	-44.363	239.54E-6
	27.00000	33.00000	-8.50000	-43.366	-8.9310	-2.2077	-44.801	242.67E-6
	28.00000	33.00000	-8.50000	-43.141	-8.9310	-2.2098	-44.976	243.92E-6
	29.00000	33.00000	-8.50000	-42.723	-8.9310	-2.2105	-44.980	243.92E-6
	30.00000	33.00000	-8.50000	-42.121	-8.9310	-2.2104	-44.847	242.90E-6
	31.00000	33.00000	-8.50000	-41.335	-8.9310	-2.2097	-44.583	240.90E-6
	32.00000	33.00000	-8.50000	-40.355	-8.9310	-2.2082	-44.166	237.76E-6
	33.00000	33.00000	-8.50000	-39.162	-8.9310	-2.2050	-43.540	233.10E-6
	34.00000	33.00000	-8.50000	-37.726	-8.9310	-2.1982	-42.595	226.14E-6
	35.00000	33.00000	-8.50000	-35.999	-8.9310	-2.1816	-41.097	215.39E-6
	36.00000	33.00000	-8.50000	-33.916	-8.9310	-2.1313	-38.508	197.80E-6
	37.00000	33.00000	-8.50000	-31.387	-8.9310	-1.9256	-33.449	168.38E-6
	38.00000	33.00000	-8.50000	-28.410	-8.9310	-1.1067	-23.690	131.12E-6
	39.00000	33.00000	-8.50000	-25.413	-8.9310	-0.28785	-13.927	93.822E-6
	40.00000	33.00000	-8.50000	-22.829	-8.9310	-0.082139	-8.8548	64.308E-6
	41.00000	33.00000	-8.50000	-20.652	-8.9310	-0.031816	-6.2440	46.551E-6
	42.00000	33.00000	-8.50000	-18.792	-8.9310	-0.015208	-4.7141	35.552E-6
	43.00000	33.00000	-8.50000	-17.179	-8.9310	-0.0083488	-3.7232	28.248E-6
	44.00000	33.00000	-8.50000	-15.762	-8.9310	-0.0050433	-3.0346	23.105E-6
	45.00000	33.00000	-8.50000	-14.506	-8.9310	-0.0032654	-2.5311	19.315E-6
	46.00000	33.00000	-8.50000	-13.382	-8.9310	-0.0022279	-2.1487	16.422E-6
	47.00000	33.00000	-8.50000	-12.371	-8.9310	-0.0015832	-1.8496	14.152E-6
	48.00000	33.00000	-8.50000	-11.457	-8.9310	-0.0011623	-1.6102	12.330E-6
	49.00000	33.00000	-8.50000	-10.626	-8.9310	-876.29E-6	-1.4150	10.841E-6
	50.00000	33.00000	-8.50000	-9.8684	-8.9310	-675.38E-6	-1.2532	9.6062E-6
	51.00000	33.00000	-8.50000	-9.1752	-8.9310	-530.30E-6	-1.1173	8.5684E-6
	52.00000	33.00000	-8.50000	-8.5392	-8.9310	-423.03E-6	-1.0021	7.6868E-6
	53.00000	33.00000	-8.50000	-7.9544	-8.9310	-342.11E-6	-0.90327	6.9308E-6
	54.00000	33.00000	-8.50000	-7.4155	-8.9310	-279.99E-6	-0.81791	6.2772E-6
	55.00000	33.00000	-8.50000	-6.9179	-8.9310	-231.56E-6	-0.74362	5.7081E-6
	56.00000	33.00000	-8.50000	-6.4578	-8.9310	-193.29E-6	-0.67854	5.2094E-6
	57.00000	33.00000	-8.50000	-6.0318	-8.9310	-162.69E-6	-0.62120	4.7698E-6
	58.00000	33.00000	-8.50000	-5.6367	-8.9310	-137.96E-6	-0.57042	4.3804E-6
	59.00000	33.00000	-8.50000	-5.2699	-8.9310	-117.77E-6	-0.52524	4.0339E-6
	60.00000	33.00000	-8.50000	-4.9291	-8.9310	-101.15E-6	-0.48487	3.7243E-6
	-20.00000	34.00000	-8.50000	-4.7921	-8.9310	-100.85E-6	-0.47393	3.6401E-6
	-19.00000	34.00000	-8.50000	-5.1167	-8.9310	-117.36E-6	-0.51262	3.9369E-6
	-18.00000	34.00000	-8.50000	-5.4648	-8.9310	-137.35E-6	-0.55575	4.2676E-6
	-17.00000	34.00000	-8.50000	-5.8384	-8.9310	-161.76E-6	-0.60401	4.6377E-6
	-16.00000	34.00000	-8.50000	-6.2395	-8.9310	-191.81E-6	-0.65821	5.0531E-6
	-15.00000	34.00000	-8.50000	-6.6706	-8.9310	-229.15E-6	-0.71933	5.5214E-6
	-14.00000	34.00000	-8.50000	-7.1341	-8.9310	-275.98E-6	-0.78855	6.0516E-6
	-13.00000	34.00000	-8.50000	-7.6328	-8.9310	-335.37E-6	-0.86732	6.6546E-6
	-12.00000	34.00000	-8.50000	-8.1697	-8.9310	-411.55E-6	-0.95739	7.3438E-6
	-11.00000	34.00000	-8.50000	-8.7481	-8.9310	-510.52E-6	-1.0609	8.1355E-6
	-10.00000	34.00000	-8.50000	-9.3715	-8.9310	-640.82E-6	-1.1806	9.0500E-6
	-9.00000	34.00000	-8.50000	-10.043	-8.9310	-814.85E-6	-1.3198	10.112E-6
	-8.00000	34.00000	-8.50000	-10.768	-8.9310	-0.0010507	-1.4825	11.353E-6
	-7.00000	34.00000	-8.50000	-11.549	-8.9310	-0.0013751	-1.6738	12.809E-6
	-6.00000	34.00000	-8.50000	-12.389	-8.9310	-0.0018270	-1.8997	14.525E-6
	-5.00000	34.00000	-8.50000	-13.291	-8.9310	-0.0024624	-2.1671	16.552E-6
	-4.00000	34.00000	-8.50000	-14.256	-8.9310	-0.0033569	-2.4830	18.941E-6
	-3.00000	34.00000	-8.50000	-15.282	-8.9310	-0.0045999	-2.8533	21.731E-6
	-2.00000	34.00000	-8.50000	-16.362	-8.9310	-0.0062663	-3.2791	24.929E-6
	-1.00000	34.00000	-8.50000	-17.483	-8.9310	-0.0083545	-3.7531	28.477E-6
	0.00000	34.00000	-8.50000	-18.626	-8.9310	-0.010720	-4.2558	32.235E-6
	1.00000	34.00000	-8.50000	-19.768	-8.9310	-0.013086	-4.7591	35.996E-6
	2.00000	34.00000	-8.50000	-20.885	-8.9310	-0.015176	-5.2347	39.557E-6
	3.00000	34.00000	-8.50000	-21.959	-8.9310	-0.016847	-5.6634	42.777E-6
	4.00000	34.00000	-8.50000	-22.976	-8.9310	-0.018097	-6.0377	45.598E-6
	5.00000	34.00000	-8.50000	-23.929	-8.9310	-0.019001	-6.3593	48.029E-6
	6.00000	34.00000	-8.50000	-24.818	-8.9310	-0.019649	-6.6340	50.112E-6
	7.00000	34.00000	-8.50000	-25.643	-8.9310	-0.020118	-6.8695	51.901E-6
	8.00000	34.00000	-8.50000	-26.407	-8.9310	-0.020466	-7.0732	53.452E-6
	9.00000	34.00000	-8.50000	-27.114	-8.9310	-0.020735	-7.2521	54.816E-6
	10.00000	34.00000	-8.50000	-27.770	-8.9310	-0.020957	-7.4127	56.041E-6
	11.00000	34.00000	-8.50000	-28.379	-8.9310	-0.021157	-7.5612	57.173E-6
	12.00000	34.00000	-8.50000	-28.949	-8.9310	-0.021362	-7.7039	58.261E-6
	13.00000	34.00000	-8.50000	-29.486	-8.9310	-0.021606	-7.8483	59.361E-6
	14.00000	34.00000	-8.50000	-29.999	-8.9310	-0.021940	-8.0041	60.543E-6
	15.00000	34.00000	-8.50000	-30.498	-8.9310	-0.022457	-8.1847	61.908E-6
	16.00000	34.00000	-8.50000	-30.994	-8.9310	-0.023343	-8.4112	63.609E-6
	17.00000	34.00000	-8.50000	-31.506	-8.9310	-0.024999	-8.7178	65.891E-6
	18.00000	34.00000	-8.50000	-32.052	-8.9310	-0.028364	-9.1638	69.165E-6
	19.00000	34.00000	-8.50000	-32.660	-8.9310	-0.035792	-9.8534	74.127E-6
	20.00000	34.00000	-8.50000	-33.359	-8.9310	-0.053399	-10.966	81.869E-6
	21.00000	34.00000	-8.50000	-34.163	-8.9310	-0.094981	-12.742	93.607E-6
	22.00000	34.00000	-8.50000	-35.033	-8.9310	-0.17125	-15.196	108.96E-6
	23.00000	34.00000	-8.50000	-35.840	-8.9310	-0.24751	-17.636	124.21E-6
	24.00000	34.00000	-8.50000	-36.454	-8.9310	-0.28905	-19.371	135.63E-6
	25.00000	34.00000	-8.50000	-36.834	-8.9310	-0.30658	-20.413	142.84E-6
	26.00000	34.00000	-8.50000	-36.992	-8.9310	-0.31389	-21.000	147.02E-6
	27.00000	34.00000	-8.50000	-36.951	-8.9310	-0.31708	-21.308	149.24E-6
	28.00000	34.00000	-8.50000	-36.733	-8.9310	-0.31848	-21.435	150.15E-6
	29.00000	34.00000	-8.50000	-36.349	-8.9310	-0.31900	-21.431	150.10E-6
	30.00000	34.00000	-8.50000	-35.807	-8.9310	-0.31896	-21.319	149.24E-6
	31.00000	34.00000	-8.50000	-35.106	-8.9310	-0.31844	-21.101	147.59E-6
	32.00000	34.00000	-8.50000	-34.241	-8.9310	-0.31731	-20.764	145.05E-6
	33.00000	34.00000	-8.50000	-33.200	-8.9310	-0.31514	-20.275	141.39E-6
	34.00000	34.00000	-8.50000	-31.969	-8.9310	-0.31097	-19.574	136.18E-6
	35.00000	34.00000	-8.50000	-30.528	-8.9310	-0.30234	-18.554	128.74E-6
	36.00000	34.00000	-8.50000	-28.857	-8.9310	-0.28310	-17.036	117.95E-6
	37.00000	34.00000	-8.50000	-26.957	-8.9310	-0.23943	-14.790	102.70E-6
	38.00000	34.00000	-8.50000	-24.887	-8.9310	-0.16078	-11.820	83.487E-6
	39.00000	34.00000	-8.50000	-22.799	-8.9310	-0.082131	-8.8469	64.247E-6
	40.00000	34.00000	-8.50000	-20.845	-8.9310	-0.038452	-6.5889	48.898E-6
	41.00000	34.00000	-8.50000	-19.084	-8.9310	-0.019177	-5.0511	37.961E-6
	42.00000	34.00000	-8.50000	-17.515	-8.9310	-0.010511	-4.0001	30.278E-6
	43.00000	34.00000	-8.50000	-16.114	-8.9310	-0.0062631	-3.2560	24.751E-6
	44.00000	34.00000	-8.50000	-14.860	-8.9310	-0.0039912	-2.7090	20.649E-6
	45.00000	34.00000	-8.50000	-13.732	-8.9310	-0.0026820	-2.2935	17.514E-6
	46.00000	34.00000	-8.50000	-12.712	-8.9310	-0.0018802	-1.9692	15.057E-6
	47.00000	34.00000	-8.50000	-11.786	-8.9310	-0.0013640	-1.7103	13.090E-6
	48.00000	34.00000	-8.50000	-10.943	-8.9310	-0.0010178	-1.4997	11.486E-6
	49.

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-3.00000	35.00000	-8.50000	-14.208	-8.9310	-0.0031017	-2.4287	18.534E-6
	-2.00000	35.00000	-8.50000	-15.139	-8.9310	-0.0039964	-2.7357	20.855E-6
	-1.00000	35.00000	-8.50000	-16.096	-8.9310	-0.0050512	-3.0680	23.361E-6
	0.00000	35.00000	-8.50000	-17.068	-8.9310	-0.0062037	-3.4147	25.975E-6
	1.00000	35.00000	-8.50000	-18.039	-8.9310	-0.0073570	-3.7620	28.592E-6
	2.00000	35.00000	-8.50000	-18.992	-8.9310	-0.0084141	-4.0957	31.110E-6
	3.00000	35.00000	-8.50000	-19.916	-8.9310	-0.0093127	-4.4052	33.448E-6
	4.00000	35.00000	-8.50000	-20.799	-8.9310	-0.010035	-4.6848	35.565E-6
	5.00000	35.00000	-8.50000	-21.636	-8.9310	-0.010597	-4.9331	37.449E-6
	6.00000	35.00000	-8.50000	-22.423	-8.9310	-0.011027	-5.1520	39.113E-6
	7.00000	35.00000	-8.50000	-23.160	-8.9310	-0.011357	-5.3447	40.580E-6
	8.00000	35.00000	-8.50000	-23.847	-8.9310	-0.011615	-5.5154	41.880E-6
	9.00000	35.00000	-8.50000	-24.489	-8.9310	-0.011823	-5.6682	43.046E-6
	10.00000	35.00000	-8.50000	-25.086	-8.9310	-0.012000	-5.8075	44.109E-6
	11.00000	35.00000	-8.50000	-25.644	-8.9310	-0.012166	-5.9378	45.104E-6
	12.00000	35.00000	-8.50000	-26.168	-8.9310	-0.012337	-6.0640	46.066E-6
	13.00000	35.00000	-8.50000	-26.662	-8.9310	-0.012540	-6.1916	47.038E-6
	14.00000	35.00000	-8.50000	-27.132	-8.9310	-0.012810	-6.3279	48.074E-6
	15.00000	35.00000	-8.50000	-27.587	-8.9310	-0.013209	-6.4827	49.246E-6
	16.00000	35.00000	-8.50000	-28.035	-8.9310	-0.013851	-6.6699	50.656E-6
	17.00000	35.00000	-8.50000	-28.487	-8.9310	-0.014949	-6.9103	52.454E-6
	18.00000	35.00000	-8.50000	-28.954	-8.9310	-0.016925	-7.2345	54.856E-6
	19.00000	35.00000	-8.50000	-29.447	-8.9310	-0.020592	-7.6863	58.162E-6
	20.00000	35.00000	-8.50000	-29.975	-8.9310	-0.027371	-8.3185	62.711E-6
	21.00000	35.00000	-8.50000	-30.531	-8.9310	-0.038941	-9.1645	68.683E-6
	22.00000	35.00000	-8.50000	-31.084	-8.9310	-0.054990	-10.171	75.681E-6
	23.00000	35.00000	-8.50000	-31.580	-8.9310	-0.071027	-11.165	82.586E-6
	24.00000	35.00000	-8.50000	-31.961	-8.9310	-0.082560	-11.974	88.276E-6
	25.00000	35.00000	-8.50000	-32.195	-8.9310	-0.089273	-12.543	92.346E-6
	26.00000	35.00000	-8.50000	-32.275	-8.9310	-0.092839	-12.904	94.958E-6
	27.00000	35.00000	-8.50000	-32.203	-8.9310	-0.094668	-13.107	96.429E-6
	28.00000	35.00000	-8.50000	-31.987	-8.9310	-0.095557	-13.189	97.023E-6
	29.00000	35.00000	-8.50000	-31.633	-8.9310	-0.095900	-13.177	96.909E-6
	30.00000	35.00000	-8.50000	-31.144	-8.9310	-0.095865	-13.080	96.170E-6
	31.00000	35.00000	-8.50000	-30.521	-8.9310	-0.095490	-12.902	94.817E-6
	32.00000	35.00000	-8.50000	-29.760	-8.9310	-0.094702	-12.634	92.792E-6
	33.00000	35.00000	-8.50000	-28.858	-8.9310	-0.093295	-12.258	89.969E-6
	34.00000	35.00000	-8.50000	-27.807	-8.9310	-0.090837	-11.746	86.144E-6
	35.00000	35.00000	-8.50000	-26.604	-8.9310	-0.086497	-11.055	81.029E-6
	36.00000	35.00000	-8.50000	-25.251	-8.9310	-0.078847	-10.136	74.312E-6
	37.00000	35.00000	-8.50000	-23.764	-8.9310	-0.066229	-8.9619	65.866E-6
	38.00000	35.00000	-8.50000	-22.189	-8.9310	-0.049018	-7.5978	56.169E-6
	39.00000	35.00000	-8.50000	-20.597	-8.9310	-0.031803	-6.2302	46.446E-6
	40.00000	35.00000	-8.50000	-19.059	-8.9310	-0.019171	-5.0451	37.915E-6
	41.00000	35.00000	-8.50000	-17.620	-8.9310	-0.011497	-4.1066	31.051E-6
	42.00000	35.00000	-8.50000	-16.295	-8.9310	-0.0071175	-3.3872	25.721E-6
	43.00000	35.00000	-8.50000	-15.084	-8.9310	-0.0045987	-2.8358	21.597E-6
	44.00000	35.00000	-8.50000	-13.980	-8.9310	-0.0030985	-2.4076	18.373E-6
	45.00000	35.00000	-8.50000	-12.971	-8.9310	-0.0021669	-2.0693	15.814E-6
	46.00000	35.00000	-8.50000	-12.050	-8.9310	-0.0015648	-1.7975	13.752E-6
	47.00000	35.00000	-8.50000	-11.206	-8.9310	-0.0011613	-1.5757	12.065E-6
	48.00000	35.00000	-8.50000	-10.431	-8.9310	-882.14E-6	-1.3922	10.666E-6
	49.00000	35.00000	-8.50000	-9.7187	-8.9310	-683.56E-6	-1.2385	9.4928E-6
	50.00000	35.00000	-8.50000	-9.0622	-8.9310	-538.86E-6	-1.1083	8.4983E-6
	51.00000	35.00000	-8.50000	-8.4562	-8.9310	-431.16E-6	-0.99701	7.6476E-6
	52.00000	35.00000	-8.50000	-7.8959	-8.9310	-349.50E-6	-0.90111	6.9139E-6
	53.00000	35.00000	-8.50000	-7.3771	-8.9310	-286.57E-6	-0.81784	6.2764E-6
	54.00000	35.00000	-8.50000	-6.8961	-8.9310	-237.36E-6	-0.74506	5.7189E-6
	55.00000	35.00000	-8.50000	-6.4496	-8.9310	-198.39E-6	-0.68107	5.2286E-6
	56.00000	35.00000	-8.50000	-6.0347	-8.9310	-167.16E-6	-0.62452	4.7952E-6
	57.00000	35.00000	-8.50000	-5.6487	-8.9310	-141.88E-6	-0.57429	4.4101E-6
	58.00000	35.00000	-8.50000	-5.2894	-8.9310	-121.22E-6	-0.52949	4.0665E-6
	59.00000	35.00000	-8.50000	-4.9545	-8.9310	-104.19E-6	-0.48937	3.7587E-6
	60.00000	35.00000	-8.50000	-4.6422	-8.9310	-90.048E-6	-0.45331	3.4820E-6
	-20.00000	36.00000	-8.50000	-4.4806	-8.9310	-87.263E-6	-0.43849	3.3682E-6
	-19.00000	36.00000	-8.50000	-4.7739	-8.9310	-100.61E-6	-0.47220	3.6268E-6
	-18.00000	36.00000	-8.50000	-5.0871	-8.9310	-116.54E-6	-0.50947	3.9127E-6
	-17.00000	36.00000	-8.50000	-5.4216	-8.9310	-135.67E-6	-0.55077	4.2295E-6
	-16.00000	36.00000	-8.50000	-5.7788	-8.9310	-158.79E-6	-0.59668	4.5814E-6
	-15.00000	36.00000	-8.50000	-6.1604	-8.9310	-186.92E-6	-0.64784	4.9736E-6
	-14.00000	36.00000	-8.50000	-6.5680	-8.9310	-221.37E-6	-0.70501	5.4117E-6
	-13.00000	36.00000	-8.50000	-7.0035	-8.9310	-263.88E-6	-0.76910	5.9026E-6
	-12.00000	36.00000	-8.50000	-7.4686	-8.9310	-316.71E-6	-0.84113	6.4541E-6
	-11.00000	36.00000	-8.50000	-7.9652	-8.9310	-382.85E-6	-0.92231	7.0754E-6
	-10.00000	36.00000	-8.50000	-8.4951	-8.9310	-466.24E-6	-1.0140	7.7769E-6
	-9.00000	36.00000	-8.50000	-9.0600	-8.9310	-572.06E-6	-1.1179	8.5708E-6
	-8.00000	36.00000	-8.50000	-9.6614	-8.9310	-707.06E-6	-1.2356	9.4701E-6
	-7.00000	36.00000	-8.50000	-10.300	-8.9310	-879.85E-6	-1.3692	10.489E-6
	-6.00000	36.00000	-8.50000	-10.978	-8.9310	-0.0011010	-1.5204	11.642E-6
	-5.00000	36.00000	-8.50000	-11.692	-8.9310	-0.0013825	-1.6910	12.941E-6
	-4.00000	36.00000	-8.50000	-12.443	-8.9310	-0.0017364	-1.8819	14.393E-6
	-3.00000	36.00000	-8.50000	-13.226	-8.9310	-0.0021717	-2.0932	15.998E-6
	-2.00000	36.00000	-8.50000	-14.036	-8.9310	-0.0026888	-2.3230	17.741E-6
	-1.00000	36.00000	-8.50000	-14.865	-8.9310	-0.0032747	-2.5672	19.592E-6
	0.00000	36.00000	-8.50000	-15.703	-8.9310	-0.0039009	-2.8194	21.503E-6
	1.00000	36.00000	-8.50000	-16.539	-8.9310	-0.0045277	-3.0721	23.417E-6
	2.00000	36.00000	-8.50000	-17.363	-8.9310	-0.0051157	-3.3175	25.277E-6
	3.00000	36.00000	-8.50000	-18.166	-8.9310	-0.0056363	-3.5494	27.036E-6
	4.00000	36.00000	-8.50000	-18.938	-8.9310	-0.0060767	-3.7638	28.665E-6
	5.00000	36.00000	-8.50000	-19.676	-8.9310	-0.0064379	-3.9590	30.150E-6
	6.00000	36.00000	-8.50000	-20.375	-8.9310	-0.0067294	-4.1353	31.492E-6
	7.00000	36.00000	-8.50000	-21.034	-8.9310	-0.0069641	-4.2939	32.701E-6
	8.00000	36.00000	-8.50000	-21.653	-8.9310	-0.0071554	-4.4372	33.794E-6
	9.00000	36.00000	-8.50000	-22.233	-8.9310	-0.0073161	-4.5676	34.790E-6
	10.00000	36.00000	-8.50000	-22.777	-8.9310	-0.0074578	-4.6881	35.710E-6
	11.00000	36.00000	-8.50000	-23.286	-8.9310	-0.0075926	-4.8019	36.578E-6
	12.00000	36.00000	-8.50000	-23.764	-8.9310	-0.0077336	-4.9124	37.422E-6
	13.00000	36.00000	-8.50000	-24.216	-8.9310	-0.0078980	-5.0239	38.272E-6
	14.00000	36.00000	-8.50000	-24.645	-8.9310	-0.0081104	-5.1416	39.167E-6
	15.00000	36.00000	-8.50000	-25.057	-8.9310	-0.0084096	-5.2721	40.157E-6
	16.00000	36.00000	-8.50000	-25.458	-8.9310	-0.0088594	-5.4242	41.306E-6
	17.00000	36.00000	-8.50000	-25.853	-8.9310	-0.0095666	-5.6097	42.700E-6
	18.00000	36.00000	-8.50000	-26.249	-8.9310	-0.010707	-5.8434	44.445E-6
	19.00000	36.00000	-8.50000	-26.649	-8.9310	-0.012547	-6.1425	46.660E-6
	20.00000	36.00000	-8.50000	-27.053	-8.9310	-0.015417	-6.5208	49.437E-6
	21.00000	36.00000	-8.50000	-27.453	-8.9310	-0.019516	-6.9774	52.759E-6
	22.00000	36.00000	-8.50000	-27.828	-8.9310	-0.024533	-7.4818	56.407E-6
	23.00000	36.00000	-8.50000	-28.150	-8.9310	-0.029540	-7.9755	59.973E-6
	24.00000	36.00000	-8.50000	-28.390	-8.9310	-0.033606	-8.3993	63.044E-6
	25.00000	36.00000	-8.50000	-28.525	-8.9310	-0.036421	-8.7220	65.396E-6
	26.00000	36.00000	-8.50000	-28.546	-8.9310	-0.038177	-8.9409	66.998E-6
	27.00000	36.00000	-8.50000	-28.450	-8.9310	-0.039196	-9.0675	67.925E-6
	28.00000	36.00000	-8.50000	-28.237	-8.9310	-0.039733	-9.1155	68.269E-6
	29.00000	36.00000	-8.50000	-27.910	-8.9310	-0.039945	-9.0951	68.103E-6
	30.00000	36.00000	-8.50000	-27.469	-8.9310	-0.039908	-9.0119	67.465E-6
	31.00000	36.00000	-8.50000	-26.915	-8.9310	-0.039642	-8.8665	66.359E-6
	32.00000	36.00000	-8.50000	-26.248	-8.9310	-0.039108	-8.6548	64.755E-6
	33.00000	36.00000	-8.50000	-25.466	-8.9310	-0.038211	-8.3681	62.591E-6
	34.00000	36.00000	-8.50000	-24.569	-8.9310	-0.036778	-7.9937	59.778E-6
	35.00000	36.00000	-8.50000	-23.560	-8.9310	-0.034541	-7.5170	56.216E-6
	36.00000	36.00000	-8.50000	-22.446	-8.9310	-0.031175	-6.9276	51.838E-6
	37.00000	36.00000	-8.50000	-21.246	-8.9310	-0.026497	-6.2131	46.700E-6
	38.00000	36.00000	-8.50000	-19.990	-8.9310	-0.020846	-5.4654	41.070E-6
	39.00000	36.00000	-8.50000	-18.718	-8.9310	-0.015192	-4.6961	35.415E-6
	40.00000	36.00000	-8.50000	-17.470	-8.9310	-0.010502	-3.9897	30.198E-6
	41.00000	36.00000	-8.50000	-16.275	-8.9310	-0.0071138	-3.3827	25.686E-6
	42.00000	36.00000	-8.50000	-15.150	-8.9310	-0.0048421	-2.8802	21.927E-6
	43.00000	36.00000	-8.50000	-14.102	-8.9310	-0.0033571	-2.4703	18.843E-6
	44.00000	36.00000	-8.50000	-13.131	-8.9310	-0.0023831	-2.1364	16.320E-6
	45.00000	36.00000	-8.50000	-12.232	-8.9310	-0.0017333	-1.8628	14.246E-6
	46.00000	36.00000	-8.50000	-11.402	-8.9310	-0.0012898	-1.6367	12.528E-6
	47.00000	36.00000	-8.50000	-10.635	-8.9310	-979.91E-6	-1.4481	11.091E-6
	48.00000	36.00000	-8.50000	-9.9259	-8.9310	-758.41E-6	-1.2892	9.8795E-6
	49.00000	36.00000	-8.50000	-9.2695	-8.9310	-596.69E-6	-1.1542	8.8487E-6
	50.00000	36.00000	-8.50000	-8.6614	-8.9310	-476.32E-6	-1.0385	7.9646E-6
	51.00000	36.00000	-8.50000	-8.0974	-8.9310	-385.15E-6	-0.93863	7.2008E-6
	52.00000	36.00000	-8.50000	-7.5738	-8.9310	-315.01E-6	-0.85182	6.5364E-6
	53.00000	36.00000	-8.50000	-7.0872	-8.9310	-260.29E-6	-0.77590	5.9551E-6
	54.00000	36.00000	-8.50000	-6.6346	-8.9310	-217.04E-6	-0.70913	5.4435E-6
	55.00000	36.00000	-8.50000	-6.2132	-8.9310	-182.47E-6	-0.65009	4.9911E-6
	56.00000	36.00000	-8.50000	-5.8206	-8.9310	-154.55E-6	-0.59766	4.5892E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	57.00000	36.00000	-8.50000	-5.4545	-8.9310	-131.78E-6	-0.55088	4.2305E-6
	58.00000	36.00000	-8.50000	-5.1129	-8.9310	-113.06E-6	-0.50900	3.9093E-6
	59.00000	36.00000	-8.50000	-4.7939	-8.9310	-97.545E-6	-0.47136	3.6205E-6
	60.00000	36.00000	-8.50000	-4.4959	-8.9310	-84.592E-6	-0.43741	3.3600E-6
	-20.00000	37.00000	-8.50000	-4.3244	-8.9310	-80.879E-6	-0.42109	3.2346E-6
	-19.00000	37.00000	-8.50000	-4.6026	-8.9310	-92.804E-6	-0.45246	3.4753E-6
	-18.00000	37.00000	-8.50000	-4.8989	-8.9310	-106.93E-6	-0.48698	3.7402E-6
	-17.00000	37.00000	-8.50000	-5.2145	-8.9310	-123.76E-6	-0.52508	4.0324E-6
	-16.00000	37.00000	-8.50000	-5.5507	-8.9310	-143.91E-6	-0.56719	4.3553E-6
	-15.00000	37.00000	-8.50000	-5.9089	-8.9310	-168.17E-6	-0.61384	4.7130E-6
	-14.00000	37.00000	-8.50000	-6.2903	-8.9310	-197.53E-6	-0.66565	5.1101E-6
	-13.00000	37.00000	-8.50000	-6.6962	-8.9310	-233.27E-6	-0.72329	5.5517E-6
	-12.00000	37.00000	-8.50000	-7.1282	-8.9310	-277.00E-6	-0.78755	6.0439E-6
	-11.00000	37.00000	-8.50000	-7.5875	-8.9310	-330.80E-6	-0.85932	6.5933E-6
	-10.00000	37.00000	-8.50000	-8.0754	-8.9310	-397.28E-6	-0.93956	7.2074E-6
	-9.00000	37.00000	-8.50000	-8.5929	-8.9310	-479.72E-6	-1.0294	7.8942E-6
	-8.00000	37.00000	-8.50000	-9.1409	-8.9310	-582.16E-6	-1.1298	8.6621E-6
	-7.00000	37.00000	-8.50000	-9.7198	-8.9310	-709.42E-6	-1.2421	9.5196E-6
	-6.00000	37.00000	-8.50000	-10.329	-8.9310	-866.91E-6	-1.3672	10.474E-6
	-5.00000	37.00000	-8.50000	-10.968	-8.9310	-0.0010602	-1.5058	11.531E-6
	-4.00000	37.00000	-8.50000	-11.635	-8.9310	-0.0012940	-1.6581	12.692E-6
	-3.00000	37.00000	-8.50000	-12.326	-8.9310	-0.0015706	-1.8237	13.953E-6
	-2.00000	37.00000	-8.50000	-13.037	-8.9310	-0.0018879	-2.0009	15.300E-6
	-1.00000	37.00000	-8.50000	-13.761	-8.9310	-0.0022380	-2.1868	16.714E-6
	0.00000	37.00000	-8.50000	-14.492	-8.9310	-0.0026068	-2.3776	18.164E-6
	1.00000	37.00000	-8.50000	-15.221	-8.9310	-0.0029761	-2.5687	19.617E-6
	2.00000	37.00000	-8.50000	-15.940	-8.9310	-0.0033280	-2.7556	21.039E-6
	3.00000	37.00000	-8.50000	-16.643	-8.9310	-0.0036484	-2.9346	22.400E-6
	4.00000	37.00000	-8.50000	-17.323	-8.9310	-0.0039295	-3.1028	23.681E-6
	5.00000	37.00000	-8.50000	-17.975	-8.9310	-0.0041697	-3.2589	24.870E-6
	6.00000	37.00000	-8.50000	-18.598	-8.9310	-0.0043717	-3.4024	25.964E-6
	7.00000	37.00000	-8.50000	-19.188	-8.9310	-0.0045410	-3.5339	26.968E-6
	8.00000	37.00000	-8.50000	-19.745	-8.9310	-0.0046843	-3.6545	27.889E-6
	9.00000	37.00000	-8.50000	-20.270	-8.9310	-0.0048087	-3.7659	28.740E-6
	10.00000	37.00000	-8.50000	-20.763	-8.9310	-0.0049215	-3.8699	29.534E-6
	11.00000	37.00000	-8.50000	-21.227	-8.9310	-0.0050306	-3.9687	30.289E-6
	12.00000	37.00000	-8.50000	-21.663	-8.9310	-0.0051449	-4.0650	31.024E-6
	13.00000	37.00000	-8.50000	-22.074	-8.9310	-0.0052760	-4.1616	31.761E-6
	14.00000	37.00000	-8.50000	-22.463	-8.9310	-0.0054400	-4.2622	32.528E-6
	15.00000	37.00000	-8.50000	-22.834	-8.9310	-0.0056600	-4.3711	33.355E-6
	16.00000	37.00000	-8.50000	-23.190	-8.9310	-0.0059706	-4.4937	34.284E-6
	17.00000	37.00000	-8.50000	-23.535	-8.9310	-0.0064228	-4.6364	35.360E-6
	18.00000	37.00000	-8.50000	-23.870	-8.9310	-0.0070879	-4.8060	36.633E-6
	19.00000	37.00000	-8.50000	-24.197	-8.9310	-0.0080529	-5.0088	38.148E-6
	20.00000	37.00000	-8.50000	-24.512	-8.9310	-0.0093946	-5.2475	39.922E-6
	21.00000	37.00000	-8.50000	-24.808	-8.9310	-0.011119	-5.5169	41.915E-6
	22.00000	37.00000	-8.50000	-25.072	-8.9310	-0.013094	-5.8014	44.011E-6
	23.00000	37.00000	-8.50000	-25.288	-8.9310	-0.015060	-6.0762	46.034E-6
	24.00000	37.00000	-8.50000	-25.437	-8.9310	-0.016758	-6.3167	47.806E-6
	25.00000	37.00000	-8.50000	-25.507	-8.9310	-0.018053	-6.5063	49.204E-6
	26.00000	37.00000	-8.50000	-25.487	-8.9310	-0.018948	-6.6387	50.181E-6
	27.00000	37.00000	-8.50000	-25.375	-8.9310	-0.019513	-6.7148	50.740E-6
	28.00000	37.00000	-8.50000	-25.167	-8.9310	-0.019829	-6.7383	50.906E-6
	29.00000	37.00000	-8.50000	-24.864	-8.9310	-0.019952	-6.7129	50.705E-6
	30.00000	37.00000	-8.50000	-24.467	-8.9310	-0.019916	-6.6408	50.152E-6
	31.00000	37.00000	-8.50000	-23.975	-8.9310	-0.019727	-6.5221	49.248E-6
	32.00000	37.00000	-8.50000	-23.389	-8.9310	-0.019369	-6.3548	47.978E-6
	33.00000	37.00000	-8.50000	-22.711	-8.9310	-0.018799	-6.1351	46.315E-6
	34.00000	37.00000	-8.50000	-21.942	-8.9310	-0.017951	-5.8584	44.226E-6
	35.00000	37.00000	-8.50000	-21.088	-8.9310	-0.016742	-5.5206	41.684E-6
	36.00000	37.00000	-8.50000	-20.158	-8.9310	-0.015102	-5.1220	38.694E-6
	37.00000	37.00000	-8.50000	-19.167	-8.9310	-0.013033	-4.6712	35.323E-6
	38.00000	37.00000	-8.50000	-18.136	-8.9310	-0.010684	-4.1884	31.718E-6
	39.00000	37.00000	-8.50000	-17.090	-8.9310	-0.0083311	-3.7024	28.089E-6
	40.00000	37.00000	-8.50000	-16.054	-8.9310	-0.0062521	-3.2424	24.647E-6
	41.00000	37.00000	-8.50000	-15.048	-8.9310	-0.0045926	-2.8279	21.536E-6
	42.00000	37.00000	-8.50000	-14.085	-8.9310	-0.0033546	-2.4668	18.816E-6
	43.00000	37.00000	-8.50000	-13.175	-8.9310	-0.0024636	-2.1584	16.485E-6
	44.00000	37.00000	-8.50000	-12.320	-8.9310	-0.0018307	-1.8971	14.505E-6
	45.00000	37.00000	-8.50000	-11.521	-8.9310	-0.0013805	-1.6760	12.825E-6
	46.00000	37.00000	-8.50000	-10.774	-8.9310	-0.0010572	-1.4894	11.398E-6
	47.00000	37.00000	-8.50000	-10.079	-8.9310	-821.97E-6	-1.3287	10.180E-6
	48.00000	37.00000	-8.50000	-9.4310	-8.9310	-648.21E-6	-1.1918	9.1353E-6
	49.00000	37.00000	-8.50000	-8.8277	-8.9310	-517.93E-6	-1.0737	8.2336E-6
	50.00000	37.00000	-8.50000	-8.2658	-8.9310	-418.81E-6	-0.97139	7.4511E-6
	51.00000	37.00000	-8.50000	-7.7422	-8.9310	-342.36E-6	-0.88214	6.7683E-6
	52.00000	37.00000	-8.50000	-7.2541	-8.9310	-282.63E-6	-0.80389	6.1693E-6
	53.00000	37.00000	-8.50000	-6.7988	-8.9310	-235.41E-6	-0.73493	5.6411E-6
	54.00000	37.00000	-8.50000	-6.3738	-8.9310	-197.67E-6	-0.67388	5.1734E-6
	55.00000	37.00000	-8.50000	-5.9770	-8.9310	-167.21E-6	-0.61959	4.7573E-6
	56.00000	37.00000	-8.50000	-5.6063	-8.9310	-142.40E-6	-0.57113	4.3857E-6
	57.00000	37.00000	-8.50000	-5.2598	-8.9310	-122.01E-6	-0.52770	4.0527E-6
	58.00000	37.00000	-8.50000	-4.9357	-8.9310	-105.14E-6	-0.48866	3.7532E-6
	59.00000	37.00000	-8.50000	-4.6324	-8.9310	-91.065E-6	-0.45343	3.4829E-6
	60.00000	37.00000	-8.50000	-4.3485	-8.9310	-79.256E-6	-0.42156	3.2384E-6
	-20.00000	38.00000	-8.50000	-4.1689	-8.9310	-74.814E-6	-0.40401	3.1036E-6
	-19.00000	38.00000	-8.50000	-4.4322	-8.9310	-85.438E-6	-0.43315	3.3272E-6
	-18.00000	38.00000	-8.50000	-4.7121	-8.9310	-97.932E-6	-0.46509	3.5722E-6
	-17.00000	38.00000	-8.50000	-5.0096	-8.9310	-112.69E-6	-0.50016	3.8413E-6
	-16.00000	38.00000	-8.50000	-5.3256	-8.9310	-130.19E-6	-0.53873	4.1371E-6
	-15.00000	38.00000	-8.50000	-5.6613	-8.9310	-151.05E-6	-0.58122	4.4629E-6
	-14.00000	38.00000	-8.50000	-6.0176	-8.9310	-176.00E-6	-0.62810	4.8223E-6
	-13.00000	38.00000	-8.50000	-6.3957	-8.9310	-205.97E-6	-0.67990	5.2193E-6
	-12.00000	38.00000	-8.50000	-6.7966	-8.9310	-242.12E-6	-0.73721	5.6583E-6
	-11.00000	38.00000	-8.50000	-7.2211	-8.9310	-285.85E-6	-0.80065	6.1442E-6
	-10.00000	38.00000	-8.50000	-7.6701	-8.9310	-338.89E-6	-0.87092	6.6821E-6
	-9.00000	38.00000	-8.50000	-8.1442	-8.9310	-403.30E-6	-0.94871	7.2775E-6
	-8.00000	38.00000	-8.50000	-8.6438	-8.9310	-481.49E-6	-1.0347	7.9355E-6
	-7.00000	38.00000	-8.50000	-9.1687	-8.9310	-576.13E-6	-1.1296	8.6610E-6
	-6.00000	38.00000	-8.50000	-9.7185	-8.9310	-690.00E-6	-1.2339	9.4578E-6
	-5.00000	38.00000	-8.50000	-10.292	-8.9310	-825.64E-6	-1.3479	10.328E-6
	-4.00000	38.00000	-8.50000	-10.887	-8.9310	-984.81E-6	-1.4713	11.270E-6
	-3.00000	38.00000	-8.50000	-11.500	-8.9310	-0.0011677	-1.6036	12.279E-6
	-2.00000	38.00000	-8.50000	-12.128	-8.9310	-0.0013724	-1.7435	13.345E-6
	-1.00000	38.00000	-8.50000	-12.766	-8.9310	-0.0015939	-1.8891	14.454E-6
	0.00000	38.00000	-8.50000	-13.408	-8.9310	-0.0018249	-2.0377	15.587E-6
	1.00000	38.00000	-8.50000	-14.049	-8.9310	-0.0020564	-2.1867	16.722E-6
	2.00000	38.00000	-8.50000	-14.681	-8.9310	-0.0022794	-2.3331	17.838E-6
	3.00000	38.00000	-8.50000	-15.301	-8.9310	-0.0024867	-2.4745	18.

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	36.00000	38.00000	-8.50000	-18.236	-8.9310	-0.0083417	-3.9815	30.235E-6
	37.00000	38.00000	-8.50000	-17.404	-8.9310	-0.0073044	-3.6709	27.894E-6
	38.00000	38.00000	-8.50000	-16.540	-8.9310	-0.0061662	-3.3429	25.424E-6
	39.00000	38.00000	-8.50000	-15.663	-8.9310	-0.0050251	-3.0121	22.933E-6
	40.00000	38.00000	-8.50000	-14.788	-8.9310	-0.0039789	-2.6932	20.528E-6
	41.00000	38.00000	-8.50000	-13.930	-8.9310	-0.0030908	-2.3972	18.293E-6
	42.00000	38.00000	-8.50000	-13.101	-8.9310	-0.0023788	-2.1303	16.273E-6
	43.00000	38.00000	-8.50000	-12.307	-8.9310	-0.0018289	-1.8944	14.484E-6
	44.00000	38.00000	-8.50000	-11.553	-8.9310	-0.0014126	-1.6881	12.918E-6
	45.00000	38.00000	-8.50000	-10.840	-8.9310	-0.0010999	-1.5089	11.554E-6
	46.00000	38.00000	-8.50000	-10.170	-8.9310	-864.91E-6	-1.3534	10.368E-6
	47.00000	38.00000	-8.50000	-9.5398	-8.9310	-687.30E-6	-1.2182	9.3372E-6
	48.00000	38.00000	-8.50000	-8.9492	-8.9310	-551.95E-6	-1.1006	8.4383E-6
	49.00000	38.00000	-8.50000	-8.3958	-8.9310	-447.78E-6	-0.99769	7.6521E-6
	50.00000	38.00000	-8.50000	-7.8777	-8.9310	-366.77E-6	-0.90744	6.9617E-6
	51.00000	38.00000	-8.50000	-7.3925	-8.9310	-303.13E-6	-0.82793	6.3533E-6
	52.00000	38.00000	-8.50000	-6.9384	-8.9310	-252.62E-6	-0.75762	5.8148E-6
	53.00000	38.00000	-8.50000	-6.5132	-8.9310	-212.15E-6	-0.69518	5.3365E-6
	54.00000	38.00000	-8.50000	-6.1151	-8.9310	-179.42E-6	-0.63954	4.9101E-6
	55.00000	38.00000	-8.50000	-5.7422	-8.9310	-152.74E-6	-0.58976	4.5285E-6
	56.00000	38.00000	-8.50000	-5.3928	-8.9310	-130.80E-6	-0.54510	4.1860E-6
	57.00000	38.00000	-8.50000	-5.0654	-8.9310	-112.64E-6	-0.50488	3.8776E-6
	58.00000	38.00000	-8.50000	-4.7585	-8.9310	-97.501E-6	-0.46857	3.5990E-6
	59.00000	38.00000	-8.50000	-4.4707	-8.9310	-84.797E-6	-0.43568	3.3467E-6
	60.00000	38.00000	-8.50000	-4.2008	-8.9310	-74.075E-6	-0.40583	3.1176E-6
	-20.00000	39.00000	-8.50000	-4.0145	-8.9310	-69.090E-6	-0.38732	2.9755E-6
	-19.00000	39.00000	-8.50000	-4.2635	-8.9310	-78.529E-6	-0.41435	3.1829E-6
	-18.00000	39.00000	-8.50000	-4.5276	-8.9310	-89.548E-6	-0.44385	3.4093E-6
	-17.00000	39.00000	-8.50000	-4.8076	-8.9310	-102.45E-6	-0.47610	3.6567E-6
	-16.00000	39.00000	-8.50000	-5.1043	-8.9310	-117.63E-6	-0.51139	3.9274E-6
	-15.00000	39.00000	-8.50000	-5.4185	-8.9310	-135.52E-6	-0.55005	4.2239E-6
	-14.00000	39.00000	-8.50000	-5.7511	-8.9310	-156.69E-6	-0.59245	4.5490E-6
	-13.00000	39.00000	-8.50000	-6.1029	-8.9310	-181.80E-6	-0.63899	4.9058E-6
	-12.00000	39.00000	-8.50000	-6.4746	-8.9310	-211.67E-6	-0.69010	5.2975E-6
	-11.00000	39.00000	-8.50000	-6.8668	-8.9310	-247.25E-6	-0.74623	5.7275E-6
	-10.00000	39.00000	-8.50000	-7.2801	-8.9310	-289.68E-6	-0.80785	6.1994E-6
	-9.00000	39.00000	-8.50000	-7.7145	-8.9310	-340.24E-6	-0.87543	6.7168E-6
	-8.00000	39.00000	-8.50000	-8.1703	-8.9310	-400.36E-6	-0.94940	7.2829E-6
	-7.00000	39.00000	-8.50000	-8.6471	-8.9310	-471.52E-6	-1.0301	7.9003E-6
	-6.00000	39.00000	-8.50000	-9.1440	-8.9310	-555.15E-6	-1.1178	8.5707E-6
	-5.00000	39.00000	-8.50000	-9.6599	-8.9310	-652.39E-6	-1.2124	9.2942E-6
	-4.00000	39.00000	-8.50000	-10.193	-8.9310	-763.78E-6	-1.3138	10.069E-6
	-3.00000	39.00000	-8.50000	-10.740	-8.9310	-888.98E-6	-1.4214	10.890E-6
	-2.00000	39.00000	-8.50000	-11.298	-8.9310	-0.0010264	-1.5341	11.751E-6
	-1.00000	39.00000	-8.50000	-11.863	-8.9310	-0.0011732	-1.6506	12.639E-6
	0.00000	39.00000	-8.50000	-12.432	-8.9310	-0.0013252	-1.7691	13.544E-6
	1.00000	39.00000	-8.50000	-12.998	-8.9310	-0.0014776	-1.8879	14.451E-6
	2.00000	39.00000	-8.50000	-13.558	-8.9310	-0.0016257	-2.0051	15.345E-6
	3.00000	39.00000	-8.50000	-14.108	-8.9310	-0.0017654	-2.1191	16.215E-6
	4.00000	39.00000	-8.50000	-14.643	-8.9310	-0.0018941	-2.2285	17.051E-6
	5.00000	39.00000	-8.50000	-15.161	-8.9310	-0.0020103	-2.3325	17.845E-6
	6.00000	39.00000	-8.50000	-15.658	-8.9310	-0.0021140	-2.4306	18.595E-6
	7.00000	39.00000	-8.50000	-16.133	-8.9310	-0.0022063	-2.5228	19.300E-6
	8.00000	39.00000	-8.50000	-16.585	-8.9310	-0.0022891	-2.6093	19.961E-6
	9.00000	39.00000	-8.50000	-17.014	-8.9310	-0.0023646	-2.6908	20.585E-6
	10.00000	39.00000	-8.50000	-17.419	-8.9310	-0.0024358	-2.7681	21.176E-6
	11.00000	39.00000	-8.50000	-17.800	-8.9310	-0.0025059	-2.8421	21.742E-6
	12.00000	39.00000	-8.50000	-18.160	-8.9310	-0.0025791	-2.9142	22.292E-6
	13.00000	39.00000	-8.50000	-18.497	-8.9310	-0.0026602	-2.9856	22.838E-6
	14.00000	39.00000	-8.50000	-18.814	-8.9310	-0.0027553	-3.0580	23.390E-6
	15.00000	39.00000	-8.50000	-19.112	-8.9310	-0.0028722	-3.1331	23.962E-6
	16.00000	39.00000	-8.50000	-19.391	-8.9310	-0.0030204	-3.2126	24.567E-6
	17.00000	39.00000	-8.50000	-19.653	-8.9310	-0.0032111	-3.2984	25.218E-6
	18.00000	39.00000	-8.50000	-19.896	-8.9310	-0.0034560	-3.3917	25.924E-6
	19.00000	39.00000	-8.50000	-20.119	-8.9310	-0.0037642	-3.4929	26.688E-6
	20.00000	39.00000	-8.50000	-20.319	-8.9310	-0.0041377	-3.6009	27.502E-6
	21.00000	39.00000	-8.50000	-20.492	-8.9310	-0.0045660	-3.7129	28.343E-6
	22.00000	39.00000	-8.50000	-20.632	-8.9310	-0.0050239	-3.8239	29.175E-6
	23.00000	39.00000	-8.50000	-20.731	-8.9310	-0.0054758	-3.9273	29.950E-6
	24.00000	39.00000	-8.50000	-20.782	-8.9310	-0.0058856	-4.0169	30.620E-6
	25.00000	39.00000	-8.50000	-20.779	-8.9310	-0.0062272	-4.0897	31.146E-6
	26.00000	39.00000	-8.50000	-20.716	-8.9310	-0.0064883	-4.1349	31.500E-6
	27.00000	39.00000	-8.50000	-20.591	-8.9310	-0.0066682	-4.1576	31.667E-6
	28.00000	39.00000	-8.50000	-20.400	-8.9310	-0.0067721	-4.1548	31.640E-6
	29.00000	39.00000	-8.50000	-20.142	-8.9310	-0.0068064	-4.1263	31.419E-6
	30.00000	39.00000	-8.50000	-19.819	-8.9310	-0.0067754	-4.0720	31.003E-6
	31.00000	39.00000	-8.50000	-19.429	-8.9310	-0.0066796	-3.9918	30.391E-6
	32.00000	39.00000	-8.50000	-18.976	-8.9310	-0.0065157	-3.8855	29.581E-6
	33.00000	39.00000	-8.50000	-18.460	-8.9310	-0.0062769	-3.7528	28.571E-6
	34.00000	39.00000	-8.50000	-17.887	-8.9310	-0.0059553	-3.5939	27.364E-6
	35.00000	39.00000	-8.50000	-17.260	-8.9310	-0.0055449	-3.4099	25.968E-6
	36.00000	39.00000	-8.50000	-16.588	-8.9310	-0.0050471	-3.2035	24.404E-6
	37.00000	39.00000	-8.50000	-15.880	-8.9310	-0.0044766	-2.9796	22.708E-6
	38.00000	39.00000	-8.50000	-15.146	-8.9310	-0.0038632	-2.7449	20.932E-6
	39.00000	39.00000	-8.50000	-14.399	-8.9310	-0.0032473	-2.5078	19.136E-6
	40.00000	39.00000	-8.50000	-13.651	-8.9310	-0.0026693	-2.2763	17.383E-6
	41.00000	39.00000	-8.50000	-12.912	-8.9310	-0.0021584	-2.0572	15.721E-6
	42.00000	39.00000	-8.50000	-12.192	-8.9310	-0.0017278	-1.8548	14.185E-6
	43.00000	39.00000	-8.50000	-11.496	-8.9310	-0.0013775	-1.6712	12.789E-6
	44.00000	39.00000	-8.50000	-10.829	-8.9310	-0.0010986	-1.5068	11.538E-6
	45.00000	39.00000	-8.50000	-10.194	-8.9310	-879.50E-6	-1.3607	10.424E-6
	46.00000	39.00000	-8.50000	-9.5910	-8.9310	-708.18E-6	-1.2313	9.4370E-6
	47.00000	39.00000	-8.50000	-9.0209	-8.9310	-574.21E-6	-1.1170	8.5638E-6
	48.00000	39.00000	-8.50000	-8.4828	-8.9310	-469.11E-6	-1.0159	7.7911E-6
	49.00000	39.00000	-8.50000	-7.9759	-8.9310	-386.18E-6	-0.92639	7.1066E-6
	50.00000	39.00000	-8.50000	-7.4988	-8.9310	-320.32E-6	-0.84696	6.4988E-6
	51.00000	39.00000	-8.50000	-7.0500	-8.9310	-267.62E-6	-0.77630	5.9578E-6
	52.00000	39.00000	-8.50000	-6.6283	-8.9310	-225.13E-6	-0.71326	5.4750E-6
	53.00000	39.00000	-8.50000	-6.2319	-8.9310	-190.63E-6	-0.65687	5.0429E-6
	54.00000	39.00000	-8.50000	-5.8596	-8.9310	-162.39E-6	-0.60628	4.6551E-6
	55.00000	39.00000	-8.50000	-5.5097	-8.9310	-139.13E-6	-0.56075	4.3061E-6
	56.00000	39.00000	-8.50000	-5.1811	-8.9310	-119.84E-6	-0.51968	3.9911E-6
	57.00000	39.00000	-8.50000	-4.8723	-8.9310	-103.73E-6	-0.48252	3.7061E-6
	58.00000	39.00000	-8.50000	-4.5822	-8.9310	-90.201E-6	-0.44883	3.4476E-6
	59.00000	39.00000	-8.50000	-4.3095	-8.9310	-78.777E-6	-0.41820	3.2125E-6
	60.00000	39.00000	-8.50000	-4.0533	-8.9310	-69.079E-6	-0.39028	2.9983E-6
	-20.00000	40.00000	-8.50000	-3.8618	-8.9310	-63.718E-6	-0.37108	2.8508E-6
	-19.00000	40.00000	-8.50000	-4.0970	-8.9310	-72.087E-6	-0.39611	3.0431E-6
	-18.00000	40.00000	-8.50000	-4.3459	-8.9310	-81.785E-6	-0.42335	3.2520E-6
	-17.00000	40.00000	-8.50000	-4.6091	-8.9310	-93.054E-6	-0.45298	3.4793E-6
	-16.00000	40.00000	-8.50000	-4.8874	-8.9310	-106.18E-6	-0.48524	3.7268E-6
	-15.00000	40.00000	-8.50000	-5.1813	-8.9310	-121.52E-6	-0.52040	3.9965E-6
	-14.00000	40.00000	-8.50000	-5.4916	-8.9310	-139.46E-6	-0.55873	4.2905E-6
	-13.00000	40.00000	-8.50000	-5.8187	-8.9310	-160.51E-6	-0.60055	4.6111E-6
	-12.00000	40.00000	-8.50000	-6.1632	-8.9310	-185.21E-6	-0.64616	4.9608E-6
	-11.00000	40.00000	-8.50000	-6.5255	-8.9310	-214.23E-6	-0.69589	5.3419E-6
	-10.00000	40.00000	-8.50000	-6.9058	-8.9310	-248.30E-6	-0.75005	5.7568E-6
	-9.00000	40.00000	-8.50000	-7.3042	-8.9310	-288.21E-6	-0.80894	6.2079E-6
	-8.00000	40.00000	-8.50000	-7.7204	-8.9310	-334.83E-6	-0.87282	6.6970E-6
	-7.00000	40.00000	-8.50000	-8.1540	-8.9310	-388.96E-6	-0.94186	7.2254E-6
	-6.00000	40.00000	-8.50000	-8.6042	-8.9310	-451.34E-6	-1.0161	7.7938E-6
	-5.00000	40.00000	-8.50000	-9.0696	-8.9310	-522.43E-6	-1.0956	8.4014E-6
	-4.00000	40.00000	-8.50000	-9.5484	-8.9310	-602.35E-6	-1.1799	9.0460E-6
	-3.00000	40.00000	-8.50000	-10.039	-8.9310	-690.62E-6	-1.2685	9.7239E-6
	-2.00000	40.00000	-8.50000	-10.537	-8.9310	-786.15E-6	-1.3608	10.429E-6
	-1.00000	40.00000	-8.50000	-11.041	-8.9310	-887.13E-6	-1.4557	11.154E-6
	0.00000	40.00000	-8.50000	-11.547	-8.9310	-991.18E-6	-1.5521	11.890E-6
	1.00000	40.00000	-8.50000	-12.051	-8.9310	-0.0010956	-1.6486	12.628E-6
	2.00000	40.00000	-8.50000	-12.549	-8.9310	-0.0011977	-1.7441	13.358E-6
	3.00000	40.00000	-8.50000	-13.039	-8.9310	-0.0012953	-1.8374	14.071E-6
	4.00000	40.00000	-8.50000	-13.516	-8.9310	-0.0013865	-1.9276	14.760E-6
	5.00000	40.00000	-8.50000	-13.979	-8.9310	-0.0014705	-2.0140	15.421E-6
	6.00000	40.00000	-8.50000	-14.425	-8.9310	-0.0015471	-2.0962	16.050E-6
	7.00000	40.00000	-8.50000	-14.853	-8.9310	-0.0016168	-2.1741	16.646E-6
	8.00000	40.00000	-8.50000	-15.261	-8.9310	-0.0016806	-2.2479	17.210E-6
	9.00000	40.00000	-8.50000	-15.648	-8.9310	-0.0017399	-2.3178	17.745E-6
	10.00000	40.00000	-8.50000	-16.014	-8.9310	-0.0017965	-2.3844	18.254E-6
	11.00000	40.00000	-8.50000	-16.360	-8.9310	-0.0018526	-2.4483	18.743E-6
	12.00000	40.00000	-8.50000	-16.685	-8.9310	-0.0019107	-2.5104	19.218E-6
	13.00000	40.00000	-8.50000	-16.990	-8.9310	-0.0019741	-2.5716	19.686E-6
	14.00000	40.00000	-8.50000	-17.275	-8.9310	-0.0020463	-2.6329	20.154E-6

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	15.00000	40.00000	-8.50000	-17.542	-8.9310	-0.0021318	-2.6952	20.629E-6
	16.00000	40.00000	-8.50000	-17.789	-8.9310	-0.0022356	-2.7597	21.121E-6
	17.00000	40.00000	-8.50000	-18.017	-8.9310	-0.0023629	-2.8272	21.633E-6
	18.00000	40.00000	-8.50000	-18.225	-8.9310	-0.0025184	-2.8981	22.171E-6
	19.00000	40.00000	-8.50000	-18.412	-8.9310	-0.0027049	-2.9722	22.733E-6
	20.00000	40.00000	-8.50000	-18.575	-8.9310	-0.0029211	-3.0486	23.311E-6
	21.00000	40.00000	-8.50000	-18.710	-8.9310	-0.0031607	-3.1253	23.889E-6
	22.00000	40.00000	-8.50000	-18.814	-8.9310	-0.0034113	-3.1991	24.445E-6
	23.00000	40.00000	-8.50000	-18.880	-8.9310	-0.0036569	-3.2664	24.952E-6
	24.00000	40.00000	-8.50000	-18.905	-8.9310	-0.0038813	-3.3235	25.381E-6
	25.00000	40.00000	-8.50000	-18.883	-8.9310	-0.0040714	-3.3671	25.707E-6
	26.00000	40.00000	-8.50000	-18.810	-8.9310	-0.0042196	-3.3946	25.912E-6
	27.00000	40.00000	-8.50000	-18.685	-8.9310	-0.0043228	-3.4045	25.983E-6
	28.00000	40.00000	-8.50000	-18.505	-8.9310	-0.0043813	-3.3958	25.913E-6
	29.00000	40.00000	-8.50000	-18.268	-8.9310	-0.0043965	-3.3680	25.699E-6
	30.00000	40.00000	-8.50000	-17.976	-8.9310	-0.0043694	-3.3209	25.338E-6
	31.00000	40.00000	-8.50000	-17.629	-8.9310	-0.0042999	-3.2544	24.829E-6
	32.00000	40.00000	-8.50000	-17.228	-8.9310	-0.0041868	-3.1685	24.174E-6
	33.00000	40.00000	-8.50000	-16.776	-8.9310	-0.0040277	-3.0634	23.374E-6
	34.00000	40.00000	-8.50000	-16.276	-8.9310	-0.0038205	-2.9399	22.433E-6
	35.00000	40.00000	-8.50000	-15.733	-8.9310	-0.0035647	-2.7991	21.362E-6
	36.00000	40.00000	-8.50000	-15.154	-8.9310	-0.0032639	-2.6434	20.179E-6
	37.00000	40.00000	-8.50000	-14.544	-8.9310	-0.0029273	-2.4762	18.908E-6
	38.00000	40.00000	-8.50000	-13.914	-8.9310	-0.0025699	-2.3018	17.583E-6
	39.00000	40.00000	-8.50000	-13.271	-8.9310	-0.0022104	-2.1252	16.242E-6
	40.00000	40.00000	-8.50000	-12.625	-8.9310	-0.0018676	-1.9513	14.920E-6
	41.00000	40.00000	-8.50000	-11.983	-8.9310	-0.0015559	-1.7843	13.651E-6
	42.00000	40.00000	-8.50000	-11.354	-8.9310	-0.0012837	-1.6274	12.456E-6
	43.00000	40.00000	-8.50000	-10.741	-8.9310	-0.0010534	-1.4822	11.351E-6
	44.00000	40.00000	-8.50000	-10.150	-8.9310	-862.71E-6	-1.3497	10.340E-6
	45.00000	40.00000	-8.50000	-9.5818	-8.9310	-707.24E-6	-1.2297	9.4245E-6
	46.00000	40.00000	-8.50000	-9.0395	-8.9310	-581.51E-6	-1.1217	8.5995E-6
	47.00000	40.00000	-8.50000	-8.5234	-8.9310	-480.19E-6	-1.0247	7.8585E-6
	48.00000	40.00000	-8.50000	-8.0335	-8.9310	-398.58E-6	-0.93783	7.1940E-6
	49.00000	40.00000	-8.50000	-7.5694	-8.9310	-332.68E-6	-0.85995	6.5981E-6
	50.00000	40.00000	-8.50000	-7.1306	-8.9310	-279.28E-6	-0.79012	6.0635E-6
	51.00000	40.00000	-8.50000	-6.7161	-8.9310	-235.80E-6	-0.72741	5.5832E-6
	52.00000	40.00000	-8.50000	-6.3249	-8.9310	-200.21E-6	-0.67100	5.1511E-6
	53.00000	40.00000	-8.50000	-5.9560	-8.9310	-170.91E-6	-0.62016	4.7614E-6
	54.00000	40.00000	-8.50000	-5.6082	-8.9310	-146.65E-6	-0.57424	4.4094E-6
	55.00000	40.00000	-8.50000	-5.2806	-8.9310	-126.45E-6	-0.53268	4.0908E-6
	56.00000	40.00000	-8.50000	-4.9719	-8.9310	-109.54E-6	-0.49499	3.8017E-6
	57.00000	40.00000	-8.50000	-4.6811	-8.9310	-95.310E-6	-0.46073	3.5389E-6
	58.00000	40.00000	-8.50000	-4.4073	-8.9310	-83.270E-6	-0.42953	3.2994E-6
	59.00000	40.00000	-8.50000	-4.1494	-8.9310	-73.034E-6	-0.40104	3.0809E-6
	60.00000	40.00000	-8.50000	-3.9065	-8.9310	-64.291E-6	-0.37500	2.8810E-6
	-20.00000	41.00000	-8.50000	-3.7114	-8.9310	-58.701E-6	-0.35532	2.7299E-6
	-19.00000	41.00000	-8.50000	-3.9333	-8.9310	-66.109E-6	-0.37851	2.9079E-6
	-18.00000	41.00000	-8.50000	-4.1676	-8.9310	-74.633E-6	-0.40362	3.1006E-6
	-17.00000	41.00000	-8.50000	-4.4148	-8.9310	-84.460E-6	-0.43082	3.3093E-6
	-16.00000	41.00000	-8.50000	-4.6755	-8.9310	-95.812E-6	-0.46030	3.5355E-6
	-15.00000	41.00000	-8.50000	-4.9503	-8.9310	-108.95E-6	-0.49227	3.7808E-6
	-14.00000	41.00000	-8.50000	-5.2395	-8.9310	-124.17E-6	-0.52694	4.0467E-6
	-13.00000	41.00000	-8.50000	-5.5435	-8.9310	-141.82E-6	-0.56453	4.3350E-6
	-12.00000	41.00000	-8.50000	-5.8627	-8.9310	-162.29E-6	-0.60528	4.6475E-6
	-11.00000	41.00000	-8.50000	-6.1974	-8.9310	-186.03E-6	-0.64941	4.9857E-6
	-10.00000	41.00000	-8.50000	-6.5475	-8.9310	-213.50E-6	-0.69713	5.3514E-6
	-9.00000	41.00000	-8.50000	-6.9130	-8.9310	-245.22E-6	-0.74862	5.7460E-6
	-8.00000	41.00000	-8.50000	-7.2935	-8.9310	-281.69E-6	-0.80403	6.1704E-6
	-7.00000	41.00000	-8.50000	-7.6885	-8.9310	-323.35E-6	-0.86344	6.6254E-6
	-6.00000	41.00000	-8.50000	-8.0971	-8.9310	-370.57E-6	-0.92683	7.1107E-6
	-5.00000	41.00000	-8.50000	-8.5181	-8.9310	-423.51E-6	-0.99408	7.6255E-6
	-4.00000	41.00000	-8.50000	-8.9498	-8.9310	-482.12E-6	-1.0649	8.1675E-6
	-3.00000	41.00000	-8.50000	-9.3904	-8.9310	-545.99E-6	-1.1389	8.7338E-6
	-2.00000	41.00000	-8.50000	-9.8375	-8.9310	-614.34E-6	-1.2155	9.3197E-6
	-1.00000	41.00000	-8.50000	-10.289	-8.9310	-686.03E-6	-1.2940	9.9199E-6
	0.00000	41.00000	-8.50000	-10.741	-8.9310	-759.64E-6	-1.3735	10.528E-6
	1.00000	41.00000	-8.50000	-11.191	-8.9310	-833.58E-6	-1.4532	11.137E-6
	2.00000	41.00000	-8.50000	-11.637	-8.9310	-906.26E-6	-1.5321	11.741E-6
	3.00000	41.00000	-8.50000	-12.075	-8.9310	-976.32E-6	-1.6095	12.333E-6
	4.00000	41.00000	-8.50000	-12.502	-8.9310	-0.0010427	-1.6847	12.908E-6
	5.00000	41.00000	-8.50000	-12.918	-8.9310	-0.0011048	-1.7572	13.463E-6
	6.00000	41.00000	-8.50000	-13.319	-8.9310	-0.0011624	-1.8266	13.994E-6
	7.00000	41.00000	-8.50000	-13.704	-8.9310	-0.0012157	-1.8929	14.501E-6
	8.00000	41.00000	-8.50000	-14.072	-8.9310	-0.0012653	-1.9560	14.984E-6
	9.00000	41.00000	-8.50000	-14.422	-8.9310	-0.0013121	-2.0161	15.444E-6
	10.00000	41.00000	-8.50000	-14.753	-8.9310	-0.0013572	-2.0735	15.884E-6
	11.00000	41.00000	-8.50000	-15.066	-8.9310	-0.0014020	-2.1288	16.306E-6
	12.00000	41.00000	-8.50000	-15.360	-8.9310	-0.0014482	-2.1822	16.716E-6
	13.00000	41.00000	-8.50000	-15.635	-8.9310	-0.0014976	-2.2346	17.116E-6
	14.00000	41.00000	-8.50000	-15.892	-8.9310	-0.0015526	-2.2865	17.512E-6
	15.00000	41.00000	-8.50000	-16.130	-8.9310	-0.0016156	-2.3384	17.909E-6
	16.00000	41.00000	-8.50000	-16.349	-8.9310	-0.0016893	-2.3910	18.310E-6
	17.00000	41.00000	-8.50000	-16.548	-8.9310	-0.0017760	-2.4446	18.718E-6
	18.00000	41.00000	-8.50000	-16.728	-8.9310	-0.0018777	-2.4993	19.134E-6
	19.00000	41.00000	-8.50000	-16.885	-8.9310	-0.0019949	-2.5548	19.556E-6
	20.00000	41.00000	-8.50000	-17.019	-8.9310	-0.0021262	-2.6102	19.976E-6
	21.00000	41.00000	-8.50000	-17.126	-8.9310	-0.0022677	-2.6642	20.384E-6
	22.00000	41.00000	-8.50000	-17.203	-8.9310	-0.0024129	-2.7147	20.766E-6
	23.00000	41.00000	-8.50000	-17.247	-8.9310	-0.0025541	-2.7596	21.105E-6
	24.00000	41.00000	-8.50000	-17.253	-8.9310	-0.0026831	-2.7965	21.383E-6
	25.00000	41.00000	-8.50000	-17.219	-8.9310	-0.0027931	-2.8234	21.584E-6
	26.00000	41.00000	-8.50000	-17.142	-8.9310	-0.0028792	-2.8384	21.696E-6
	27.00000	41.00000	-8.50000	-17.020	-8.9310	-0.0029389	-2.8404	21.708E-6
	28.00000	41.00000	-8.50000	-16.850	-8.9310	-0.0029712	-2.8285	21.615E-6
	29.00000	41.00000	-8.50000	-16.634	-8.9310	-0.0029757	-2.8022	21.413E-6
	30.00000	41.00000	-8.50000	-16.370	-8.9310	-0.0029526	-2.7613	21.100E-6
	31.00000	41.00000	-8.50000	-16.060	-8.9310	-0.0029016	-2.7057	20.675E-6
	32.00000	41.00000	-8.50000	-15.705	-8.9310	-0.0028222	-2.6357	20.139E-6
	33.00000	41.00000	-8.50000	-15.307	-8.9310	-0.0027138	-2.5515	19.497E-6
	34.00000	41.00000	-8.50000	-14.869	-8.9310	-0.0025763	-2.4538	18.752E-6
	35.00000	41.00000	-8.50000	-14.396	-8.9310	-0.0024108	-2.3440	17.915E-6
	36.00000	41.00000	-8.50000	-13.892	-8.9310	-0.0022203	-2.2237	16.999E-6
	37.00000	41.00000	-8.50000	-13.363	-8.9310	-0.0020105	-2.0953	16.022E-6
	38.00000	41.00000	-8.50000	-12.816	-8.9310	-0.0017894	-1.9619	15.005E-6
	39.00000	41.00000	-8.50000	-12.258	-8.9310	-0.0015667	-1.8264	13.974E-6
	40.00000	41.00

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-6.00000	42.00000	-8.50000	-7.6209	-8.9310	-307.06E-6	-0.84803	6.5076E-6
	-5.00000	42.00000	-8.50000	-8.0026	-8.9310	-347.16E-6	-0.90543	6.9472E-6
	-4.00000	42.00000	-8.50000	-8.3929	-8.9310	-390.99E-6	-0.96552	7.4073E-6
	-3.00000	42.00000	-8.50000	-8.7903	-8.9310	-438.24E-6	-1.0280	7.8852E-6
	-2.00000	42.00000	-8.50000	-9.1927	-8.9310	-488.37E-6	-1.0923	8.3777E-6
	-1.00000	42.00000	-8.50000	-9.5979	-8.9310	-540.64E-6	-1.1580	8.8805E-6
	0.00000	42.00000	-8.50000	-10.004	-8.9310	-594.17E-6	-1.2244	9.3890E-6
	1.00000	42.00000	-8.50000	-10.408	-8.9310	-647.97E-6	-1.2910	9.8984E-6
	2.00000	42.00000	-8.50000	-10.807	-8.9310	-701.08E-6	-1.3570	10.404E-6
	3.00000	42.00000	-8.50000	-11.200	-8.9310	-752.66E-6	-1.4220	10.901E-6
	4.00000	42.00000	-8.50000	-11.585	-8.9310	-802.05E-6	-1.4853	11.386E-6
	5.00000	42.00000	-8.50000	-11.958	-8.9310	-848.81E-6	-1.5466	11.855E-6
	6.00000	42.00000	-8.50000	-12.319	-8.9310	-892.79E-6	-1.6057	12.307E-6
	7.00000	42.00000	-8.50000	-12.667	-8.9310	-934.09E-6	-1.6623	12.741E-6
	8.00000	42.00000	-8.50000	-12.999	-8.9310	-973.03E-6	-1.7165	13.156E-6
	9.00000	42.00000	-8.50000	-13.315	-8.9310	-0.0010101	-1.7683	13.552E-6
	10.00000	42.00000	-8.50000	-13.615	-8.9310	-0.0010461	-1.8179	13.932E-6
	11.00000	42.00000	-8.50000	-13.898	-8.9310	-0.0010819	-1.8656	14.297E-6
	12.00000	42.00000	-8.50000	-14.164	-8.9310	-0.0011186	-1.9117	14.650E-6
	13.00000	42.00000	-8.50000	-14.412	-8.9310	-0.0011573	-1.9565	14.993E-6
	14.00000	42.00000	-8.50000	-14.643	-8.9310	-0.0011994	-2.0005	15.329E-6
	15.00000	42.00000	-8.50000	-14.855	-8.9310	-0.0012462	-2.0439	15.661E-6
	16.00000	42.00000	-8.50000	-15.049	-8.9310	-0.0012992	-2.0871	15.991E-6
	17.00000	42.00000	-8.50000	-15.225	-8.9310	-0.0013595	-2.1301	16.319E-6
	18.00000	42.00000	-8.50000	-15.380	-8.9310	-0.0014278	-2.1729	16.645E-6
	19.00000	42.00000	-8.50000	-15.514	-8.9310	-0.0015040	-2.2152	16.966E-6
	20.00000	42.00000	-8.50000	-15.624	-8.9310	-0.0015869	-2.2562	17.278E-6
	21.00000	42.00000	-8.50000	-15.710	-8.9310	-0.0016741	-2.2951	17.573E-6
	22.00000	42.00000	-8.50000	-15.767	-8.9310	-0.0017622	-2.3305	17.841E-6
	23.00000	42.00000	-8.50000	-15.795	-8.9310	-0.0018469	-2.3609	18.072E-6
	24.00000	42.00000	-8.50000	-15.789	-8.9310	-0.0019239	-2.3850	18.253E-6
	25.00000	42.00000	-8.50000	-15.748	-8.9310	-0.0019894	-2.4011	18.374E-6
	26.00000	42.00000	-8.50000	-15.669	-8.9310	-0.0020405	-2.4083	18.427E-6
	27.00000	42.00000	-8.50000	-15.552	-8.9310	-0.0020751	-2.4056	18.404E-6
	28.00000	42.00000	-8.50000	-15.394	-8.9310	-0.0020922	-2.3922	18.301E-6
	29.00000	42.00000	-8.50000	-15.196	-8.9310	-0.0020911	-2.3679	18.114E-6
	30.00000	42.00000	-8.50000	-14.958	-8.9310	-0.0020717	-2.3324	17.842E-6
	31.00000	42.00000	-8.50000	-14.680	-8.9310	-0.0020337	-2.2857	17.484E-6
	32.00000	42.00000	-8.50000	-14.364	-8.9310	-0.0019769	-2.2280	17.043E-6
	33.00000	42.00000	-8.50000	-14.012	-8.9310	-0.0019015	-2.1596	16.521E-6
	34.00000	42.00000	-8.50000	-13.627	-8.9310	-0.0018077	-2.0813	15.923E-6
	35.00000	42.00000	-8.50000	-13.212	-8.9310	-0.0016970	-1.9941	15.257E-6
	36.00000	42.00000	-8.50000	-12.771	-8.9310	-0.0015716	-1.8993	14.534E-6
	37.00000	42.00000	-8.50000	-12.310	-8.9310	-0.0014349	-1.7986	13.766E-6
	38.00000	42.00000	-8.50000	-11.832	-8.9310	-0.0012916	-1.6940	12.968E-6
	39.00000	42.00000	-8.50000	-11.344	-8.9310	-0.0011470	-1.5877	12.157E-6
	40.00000	42.00000	-8.50000	-10.850	-8.9310	-0.0010061	-1.4818	11.349E-6
	41.00000	42.00000	-8.50000	-10.356	-8.9310	-873.41E-6	-1.3782	10.559E-6
	42.00000	42.00000	-8.50000	-9.8671	-8.9310	-751.99E-6	-1.2785	9.7976E-6
	43.00000	42.00000	-8.50000	-9.3860	-8.9310	-643.62E-6	-1.1838	9.0743E-6
	44.00000	42.00000	-8.50000	-8.9162	-8.9310	-548.79E-6	-1.0949	8.3948E-6
	45.00000	42.00000	-8.50000	-8.4602	-8.9310	-467.07E-6	-1.0121	7.7620E-6
	46.00000	42.00000	-8.50000	-8.0197	-8.9310	-397.41E-6	-0.93557	7.1767E-6
	47.00000	42.00000	-8.50000	-7.5959	-8.9310	-338.47E-6	-0.86515	6.6378E-6
	48.00000	42.00000	-8.50000	-7.1896	-8.9310	-288.82E-6	-0.80057	6.1435E-6
	49.00000	42.00000	-8.50000	-6.8012	-8.9310	-247.10E-6	-0.74148	5.6909E-6
	50.00000	42.00000	-8.50000	-6.4306	-8.9310	-212.04E-6	-0.68747	5.2772E-6
	51.00000	42.00000	-8.50000	-6.0778	-8.9310	-182.57E-6	-0.63814	4.8992E-6
	52.00000	42.00000	-8.50000	-5.7423	-8.9310	-157.74E-6	-0.59307	4.5537E-6
	53.00000	42.00000	-8.50000	-5.4238	-8.9310	-136.77E-6	-0.55188	4.2379E-6
	54.00000	42.00000	-8.50000	-5.1216	-8.9310	-119.02E-6	-0.51421	3.9491E-6
	55.00000	42.00000	-8.50000	-4.8352	-8.9310	-103.93E-6	-0.47973	3.6846E-6
	56.00000	42.00000	-8.50000	-4.5640	-8.9310	-91.059E-6	-0.44813	3.4421E-6
	57.00000	42.00000	-8.50000	-4.3072	-8.9310	-80.049E-6	-0.41913	3.2196E-6
	58.00000	42.00000	-8.50000	-4.0643	-8.9310	-70.596E-6	-0.39249	3.0152E-6
	59.00000	42.00000	-8.50000	-3.8345	-8.9310	-62.450E-6	-0.36798	2.8271E-6
	60.00000	42.00000	-8.50000	-3.6172	-8.9310	-55.406E-6	-0.34540	2.6538E-6
	-20.00000	43.00000	-8.50000	-3.4187	-8.9310	-49.711E-6	-0.32540	2.5002E-6
	-19.00000	43.00000	-8.50000	-3.6156	-8.9310	-55.499E-6	-0.34525	2.6526E-6
	-18.00000	43.00000	-8.50000	-3.8227	-8.9310	-62.068E-6	-0.36657	2.8162E-6
	-17.00000	43.00000	-8.50000	-4.0403	-8.9310	-69.531E-6	-0.38947	2.9921E-6
	-16.00000	43.00000	-8.50000	-4.2688	-8.9310	-78.016E-6	-0.41409	3.1810E-6
	-15.00000	43.00000	-8.50000	-4.5084	-8.9310	-87.668E-6	-0.44054	3.3839E-6
	-14.00000	43.00000	-8.50000	-4.7593	-8.9310	-98.647E-6	-0.46894	3.6018E-6
	-13.00000	43.00000	-8.50000	-5.0218	-8.9310	-111.13E-6	-0.49941	3.8356E-6
	-12.00000	43.00000	-8.50000	-5.2958	-8.9310	-125.31E-6	-0.53207	4.0861E-6
	-11.00000	43.00000	-8.50000	-5.5815	-8.9310	-141.37E-6	-0.56703	4.3542E-6
	-10.00000	43.00000	-8.50000	-5.8786	-8.9310	-159.54E-6	-0.60437	4.6405E-6
	-9.00000	43.00000	-8.50000	-6.1869	-8.9310	-180.00E-6	-0.64415	4.9455E-6
	-8.00000	43.00000	-8.50000	-6.5059	-8.9310	-202.91E-6	-0.68640	5.2694E-6
	-7.00000	43.00000	-8.50000	-6.8351	-8.9310	-228.43E-6	-0.73111	5.6121E-6
	-6.00000	43.00000	-8.50000	-7.1736	-8.9310	-256.61E-6	-0.77821	5.9730E-6
	-5.00000	43.00000	-8.50000	-7.5204	-8.9310	-287.44E-6	-0.82755	6.3511E-6
	-4.00000	43.00000	-8.50000	-7.8742	-8.9310	-320.80E-6	-0.87894	6.7447E-6
	-3.00000	43.00000	-8.50000	-8.2336	-8.9310	-356.45E-6	-0.93210	7.1519E-6
	-2.00000	43.00000	-8.50000	-8.5969	-8.9310	-394.01E-6	-0.98667	7.5698E-6
	-1.00000	43.00000	-8.50000	-8.9622	-8.9310	-432.99E-6	-1.0422	7.9954E-6
	0.00000	43.00000	-8.50000	-9.3276	-8.9310	-472.83E-6	-1.0984	8.4252E-6
	1.00000	43.00000	-8.50000	-9.6911	-8.9310	-512.89E-6	-1.1546	8.8556E-6
	2.00000	43.00000	-8.50000	-10.051	-8.9310	-552.59E-6	-1.2104	9.2831E-6
	3.00000	43.00000	-8.50000	-10.405	-8.9310	-591.37E-6	-1.2654	9.7042E-6
	4.00000	43.00000	-8.50000	-10.751	-8.9310	-628.80E-6	-1.3192	10.116E-6
	5.00000	43.00000	-8.50000	-11.087	-8.9310	-664.61E-6	-1.3714	10.516E-6
	6.00000	43.00000	-8.50000	-11.413	-8.9310	-698.66E-6	-1.4219	10.903E-6
	7.00000	43.00000	-8.50000	-11.727	-8.9310	-730.99E-6	-1.4706	11.276E-6
	8.00000	43.00000	-8.50000	-12.027	-8.9310	-761.78E-6	-1.5173	11.633E-6
	9.00000	43.00000	-8.50000	-12.313	-8.9310	-791.38E-6	-1.5620	11.976E-6
	10.00000	43.00000	-8.50000	-12.585	-8.9310	-820.23E-6	-1.6049	12.305E-6
	11.00000	43.00000	-8.50000	-12.841	-8.9310	-848.89E-6	-1.6462	12.621E-6
	12.00000	43.00000	-8.50000	-13.081	-8.9310	-878.05E-6	-1.6859	12.925E-6
	13.00000	43.00000	-8.50000	-13.305	-8.9310	-908.42E-6	-1.7244	13.220E-6
	14.00000	43.00000	-8.50000	-13.512	-8.9310	-940.80E-6	-1.7618	13.505E-6
	15.00000	43.00000	-8.50000	-13.702	-8.9310	-975.99E-6	-1.7982	13.784E-6
	16.00000	43.00000	-8.50000	-13.874	-8.9310	-0.0010147	-1.8339	14.057E-6
	17.00000	43.00000	-8.50000	-14.028	-8.9310	-0.0010574	-1.8687	14.323E-6
	18.00000	43.00000	-8.50000	-14.163	-8.9310	-0.0011044	-1.9027	14.582E-6
	19.00000	43.00000	-8.50000	-14.277	-8.9310	-0.0011553	-1.9354	14.831E-6
	20.00000	43.00000	-8.50000	-14.370	-8.9310	-0.0012094	-1.9663	15.066E-6
	21.00000	43.00000	-8.50000	-14.439	-8.9310	-0.0012651	-1.9948	15.283E-6
	22.00000	43.00000	-8.50000	-14.482	-8.9310	-0.0013204	-2.0200	15.474E-6
	23.00000	43.00000	-8.50000	-14.497	-8.9310	-0.0013730	-2.0409	15.632E-6
	24.00000	43.00000	-8.50000	-14.484	-8.9310	-0.0014204	-2.0565	15.750E-6
	25.00000	43.00000	-8.50000	-14.439	-8.9310	-0.0014603	-2.0659	15.820E-6
	26.00000	43.00000	-8.50000	-14.361	-8.9310	-0.0014909	-2.0682	15.836E-6
	27.00000	43.00000	-8.50000	-14.249	-8.9310	-0.0015109	-2.0627	15.793E-6
	28.00000	43.00000	-8.50000	-14.103	-8.9310	-0.0015193	-2.0490	15.688E-6
	29.00000	43.00000	-8.50000	-13.922	-8.9310	-0.0015155	-2.0268	15.517E-6
	30.00000	43.00000	-8.50000	-13.707	-8.9310	-0.0014994	-1.9959	15.281E-6
	31.00000	43.00000	-8.50000	-13.458	-8.9310	-0.0014706	-1.9564	14.978E-6
	32.00000	43.00000	-8.50000	-13.176	-8.9310	-0.0014293	-1.9084	14.611E-6
	33.00000	43.00000	-8.50000	-12.864	-8.9310	-0.0013756	-1.8523	14.182E-6
	34.00000	43.00000	-8.50000	-12.523	-8.9310	-0.0013101	-1.7887	13.695E-6
	35.00000	43.00000	-8.50000	-12.158	-8.9310	-0.0012339	-1.7183	13.158E-6
	36.00000	43.00000	-8.50000	-11.770	-8.9310	-0.0011485	-1.6423	12.577E-6
	37.00000	43.00000	-8.50000	-11.364	-8.9310	-0.0010563	-1.5618	11.963E-6
	38.00000	43.00000	-8.50000	-10.944	-8.9310	-959.80E-6	-1.4784	11.325E-6
	39.00000	43.00000	-8.50000	-10.514	-8.9310	-862.22E-6	-1.3933	10.676E-6
	40.00000	43.00000	-8.50000	-10.079	-8.9310	-766.50E-6	-1.3083	10.026E-6
	41.00000	43.00000	-8.50000	-9.6423	-8.9310	-675.23E-6	-1.2246	9.3863E-6
	42.00000	43.00000	-8.50000	-9.2080	-8.9310	-590.40E-6	-1.1433	8.7652E-6
	43.00000	43.00000	-8.50000	-8.7792	-8.9310	-513.28E-6	-1.0654	8.1696E-6
	44.00000	43.00000	-8.50000	-8.3586	-8.9310	-444.43E-6	-0.99145	7.6043E-6
	45.00000	43.00000	-8.50000	-7.9486	-8.9310	-383.87E-6	-0.92192	7.0723E-6
	46.00000	43.00000	-8.50000	-7.5506	-8.9310	-331.18E-6	-0.85696	6.5752E-6
	47.00000	43.00000	-8.50000	-7.1661	-8.9310	-285.72E-6	-0.79658	6.1129E-6
	48.00000	43.00000	-8.50000	-6.7959	-8.9310	-246.72E-6	-0.74068	5.6848E-6
	49.00000	43.00000	-8.50000	-6.4405	-8.9310	-213.38E-6	-0.68907	5.2895E-6
	50.00000	43.00000	-8.50000	-6.1001	-8.9310	-184.92E-6	-0.64151	4.9250E-6
	51.00000	43.00000	-8.50000	-5.7748	-8.9310	-160.64E-6	-0.59773	4.5894E-6
	52.00000	43.00000	-8.50000	-5.4645	-8.9310	-139.93E-6	-0.55745	4.2806E-6
	53.00000	43.00000	-8.50000	-5.1689	-8.9310	-122.22E-6	-0.52040	3.9965E-6

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	54.00000	43.00000	-8.50000	-4.8876	-8.9310	-107.06E-6	-0.48632	3.7351E-6
	55.00000	43.00000	-8.50000	-4.6203	-8.9310	-94.057E-6	-0.45495	3.4945E-6
	56.00000	43.00000	-8.50000	-4.3665	-8.9310	-82.869E-6	-0.42606	3.2728E-6
	57.00000	43.00000	-8.50000	-4.1256	-8.9310	-73.218E-6	-0.39942	3.0684E-6
	58.00000	43.00000	-8.50000	-3.8972	-8.9310	-64.870E-6	-0.37485	2.8798E-6
	59.00000	43.00000	-8.50000	-3.6806	-8.9310	-57.628E-6	-0.35216	2.7056E-6
	60.00000	43.00000	-8.50000	-3.4755	-8.9310	-51.328E-6	-0.33118	2.5446E-6
	-20.00000	44.00000	-8.50000	-3.2770	-8.9310	-45.717E-6	-0.31127	2.3917E-6
	-19.00000	44.00000	-8.50000	-3.4623	-8.9310	-50.829E-6	-0.32962	2.5326E-6
	-18.00000	44.00000	-8.50000	-3.6569	-8.9310	-56.594E-6	-0.34926	2.6834E-6
	-17.00000	44.00000	-8.50000	-3.8608	-8.9310	-63.099E-6	-0.37029	2.8448E-6
	-16.00000	44.00000	-8.50000	-4.0745	-8.9310	-70.441E-6	-0.39279	3.0175E-6
	-15.00000	44.00000	-8.50000	-4.2981	-8.9310	-78.728E-6	-0.41686	3.2022E-6
	-14.00000	44.00000	-8.50000	-4.5318	-8.9310	-88.076E-6	-0.44260	3.3997E-6
	-13.00000	44.00000	-8.50000	-4.7756	-8.9310	-98.612E-6	-0.47008	3.6106E-6
	-12.00000	44.00000	-8.50000	-5.0295	-8.9310	-110.47E-6	-0.49939	3.8355E-6
	-11.00000	44.00000	-8.50000	-5.2936	-8.9310	-123.78E-6	-0.53061	4.0749E-6
	-10.00000	44.00000	-8.50000	-5.5675	-8.9310	-138.67E-6	-0.56377	4.3293E-6
	-9.00000	44.00000	-8.50000	-5.8509	-8.9310	-155.27E-6	-0.59892	4.5988E-6
	-8.00000	44.00000	-8.50000	-6.1435	-8.9310	-173.68E-6	-0.63605	4.8836E-6
	-7.00000	44.00000	-8.50000	-6.4447	-8.9310	-193.96E-6	-0.67513	5.1832E-6
	-6.00000	44.00000	-8.50000	-6.7535	-8.9310	-216.14E-6	-0.71609	5.4971E-6
	-5.00000	44.00000	-8.50000	-7.0692	-8.9310	-240.18E-6	-0.75879	5.8244E-6
	-4.00000	44.00000	-8.50000	-7.3906	-8.9310	-265.97E-6	-0.80306	6.1637E-6
	-3.00000	44.00000	-8.50000	-7.7164	-8.9310	-293.33E-6	-0.84868	6.5132E-6
	-2.00000	44.00000	-8.50000	-8.0452	-8.9310	-321.99E-6	-0.89536	6.8710E-6
	-1.00000	44.00000	-8.50000	-8.3754	-8.9310	-351.63E-6	-0.94280	7.2344E-6
	0.00000	44.00000	-8.50000	-8.7054	-8.9310	-381.87E-6	-0.99065	7.6010E-6
	1.00000	44.00000	-8.50000	-9.0335	-8.9310	-412.30E-6	-1.0385	7.9679E-6
	2.00000	44.00000	-8.50000	-9.3580	-8.9310	-442.54E-6	-1.0861	8.3325E-6
	3.00000	44.00000	-8.50000	-9.6772	-8.9310	-472.23E-6	-1.1331	8.6922E-6
	4.00000	44.00000	-8.50000	-9.9895	-8.9310	-501.07E-6	-1.1791	9.0447E-6
	5.00000	44.00000	-8.50000	-10.294	-8.9310	-528.88E-6	-1.2239	9.3881E-6
	6.00000	44.00000	-8.50000	-10.588	-8.9310	-555.57E-6	-1.2674	9.7210E-6
	7.00000	44.00000	-8.50000	-10.872	-8.9310	-581.12E-6	-1.3093	10.042E-6
	8.00000	44.00000	-8.50000	-11.143	-8.9310	-605.66E-6	-1.3497	10.352E-6
	9.00000	44.00000	-8.50000	-11.402	-8.9310	-629.38E-6	-1.3884	10.649E-6
	10.00000	44.00000	-8.50000	-11.648	-8.9310	-652.57E-6	-1.4256	10.934E-6
	11.00000	44.00000	-8.50000	-11.880	-8.9310	-675.59E-6	-1.4614	11.207E-6
	12.00000	44.00000	-8.50000	-12.096	-8.9310	-698.84E-6	-1.4957	11.470E-6
	13.00000	44.00000	-8.50000	-12.298	-8.9310	-722.78E-6	-1.5287	11.723E-6
	14.00000	44.00000	-8.50000	-12.485	-8.9310	-747.88E-6	-1.5606	11.967E-6
	15.00000	44.00000	-8.50000	-12.655	-8.9310	-774.56E-6	-1.5913	12.202E-6
	16.00000	44.00000	-8.50000	-12.808	-8.9310	-803.19E-6	-1.6209	12.429E-6
	17.00000	44.00000	-8.50000	-12.944	-8.9310	-834.01E-6	-1.6494	12.646E-6
	18.00000	44.00000	-8.50000	-13.062	-8.9310	-867.01E-6	-1.6766	12.854E-6
	19.00000	44.00000	-8.50000	-13.160	-8.9310	-901.94E-6	-1.7023	13.050E-6
	20.00000	44.00000	-8.50000	-13.237	-8.9310	-938.19E-6	-1.7260	13.231E-6
	21.00000	44.00000	-8.50000	-13.293	-8.9310	-974.83E-6	-1.7473	13.392E-6
	22.00000	44.00000	-8.50000	-13.325	-8.9310	-0.0010106	-1.7654	13.530E-6
	23.00000	44.00000	-8.50000	-13.333	-8.9310	-0.0010442	-1.7799	13.640E-6
	24.00000	44.00000	-8.50000	-13.314	-8.9310	-0.0010740	-1.7899	13.715E-6
	25.00000	44.00000	-8.50000	-13.267	-8.9310	-0.0010987	-1.7948	13.752E-6
	26.00000	44.00000	-8.50000	-13.192	-8.9310	-0.0011172	-1.7940	13.746E-6
	27.00000	44.00000	-8.50000	-13.087	-8.9310	-0.0011285	-1.7872	13.692E-6
	28.00000	44.00000	-8.50000	-12.952	-8.9310	-0.0011320	-1.7738	13.589E-6
	29.00000	44.00000	-8.50000	-12.787	-8.9310	-0.0011271	-1.7537	13.435E-6
	30.00000	44.00000	-8.50000	-12.592	-8.9310	-0.0011137	-1.7268	13.229E-6
	31.00000	44.00000	-8.50000	-12.368	-8.9310	-0.0010917	-1.6931	12.971E-6
	32.00000	44.00000	-8.50000	-12.116	-8.9310	-0.0010611	-1.6529	12.663E-6
	33.00000	44.00000	-8.50000	-11.838	-8.9310	-0.0010221	-1.6064	12.307E-6
	34.00000	44.00000	-8.50000	-11.536	-8.9310	-975.34E-6	-1.5541	11.906E-6
	35.00000	44.00000	-8.50000	-11.212	-8.9310	-921.52E-6	-1.4966	11.467E-6
	36.00000	44.00000	-8.50000	-10.869	-8.9310	-861.76E-6	-1.4347	10.994E-6
	37.00000	44.00000	-8.50000	-10.510	-8.9310	-797.52E-6	-1.3694	10.495E-6
	38.00000	44.00000	-8.50000	-10.139	-8.9310	-730.51E-6	-1.3017	9.9771E-6
	39.00000	44.00000	-8.50000	-9.7588	-8.9310	-662.58E-6	-1.2326	9.4491E-6
	40.00000	44.00000	-8.50000	-9.3732	-8.9310	-595.54E-6	-1.1633	8.9190E-6
	41.00000	44.00000	-8.50000	-8.9853	-8.9310	-531.01E-6	-1.0947	8.3942E-6
	42.00000	44.00000	-8.50000	-8.5983	-8.9310	-470.28E-6	-1.0276	7.8813E-6
	43.00000	44.00000	-8.50000	-8.2149	-8.9310	-414.23E-6	-0.96285	7.3857E-6
	44.00000	44.00000	-8.50000	-7.8374	-8.9310	-363.37E-6	-0.90087	6.9114E-6
	45.00000	44.00000	-8.50000	-7.4679	-8.9310	-317.85E-6	-0.84204	6.4611E-6
	46.00000	44.00000	-8.50000	-7.1079	-8.9310	-277.57E-6	-0.78659	6.0365E-6
	47.00000	44.00000	-8.50000	-6.7586	-8.9310	-242.22E-6	-0.73460	5.6383E-6
	48.00000	44.00000	-8.50000	-6.4210	-8.9310	-211.40E-6	-0.68606	5.2664E-6
	49.00000	44.00000	-8.50000	-6.0957	-8.9310	-184.64E-6	-0.64087	4.9201E-6
	50.00000	44.00000	-8.50000	-5.7831	-8.9310	-161.47E-6	-0.59892	4.5986E-6
	51.00000	44.00000	-8.50000	-5.4832	-8.9310	-141.45E-6	-0.56003	4.3004E-6
	52.00000	44.00000	-8.50000	-5.1963	-8.9310	-124.15E-6	-0.52402	4.0243E-6
	53.00000	44.00000	-8.50000	-4.9221	-8.9310	-109.20E-6	-0.49070	3.7687E-6
	54.00000	44.00000	-8.50000	-4.6605	-8.9310	-96.272E-6	-0.45986	3.5321E-6
	55.00000	44.00000	-8.50000	-4.4112	-8.9310	-85.073E-6	-0.43134	3.3133E-6
	56.00000	44.00000	-8.50000	-4.1739	-8.9310	-75.356E-6	-0.40494	3.1107E-6
	57.00000	44.00000	-8.50000	-3.9481	-8.9310	-66.908E-6	-0.38049	2.9231E-6
	58.00000	44.00000	-8.50000	-3.7335	-8.9310	-59.549E-6	-0.35785	2.7493E-6
	59.00000	44.00000	-8.50000	-3.5297	-8.9310	-53.123E-6	-0.33686	2.5881E-6
	60.00000	44.00000	-8.50000	-3.3363	-8.9310	-47.498E-6	-0.31738	2.4386E-6
	-20.00000	45.00000	-8.50000	-3.1388	-8.9310	-42.036E-6	-0.29771	2.2876E-6
	-19.00000	45.00000	-8.50000	-3.3131	-8.9310	-46.551E-6	-0.31467	2.4178E-6
	-18.00000	45.00000	-8.50000	-3.4957	-8.9310	-51.612E-6	-0.33276	2.5567E-6
	-17.00000	45.00000	-8.50000	-3.6868	-8.9310	-57.285E-6	-0.35206	2.7049E-6
	-16.00000	45.00000	-8.50000	-3.8866	-8.9310	-63.645E-6	-0.37264	2.8629E-6
	-15.00000	45.00000	-8.50000	-4.0952	-8.9310	-70.771E-6	-0.39457	3.0312E-6
	-14.00000	45.00000	-8.50000	-4.3128	-8.9310	-78.748E-6	-0.41791	3.2103E-6
	-13.00000	45.00000	-8.50000	-4.5392	-8.9310	-87.666E-6	-0.44274	3.4008E-6
	-12.00000	45.00000	-8.50000	-4.7746	-8.9310	-97.617E-6	-0.46909	3.6031E-6
	-11.00000	45.00000	-8.50000	-5.0187	-8.9310	-108.69E-6	-0.49703	3.8174E-6
	-10.00000	45.00000	-8.50000	-5.2713	-8.9310	-120.97E-6	-0.52657	4.0440E-6
	-9.00000	45.00000	-8.50000	-5.5322	-8.9310	-134.54E-6	-0.55773	4.2830E-6
	-8.00000	45.00000	-8.50000	-5.8008	-8.9310	-149.44E-6	-0.59048	4.5342E-6
	-7.00000	45.00000	-8.50000	-6.0766	-8.9310	-165.72E-6	-0.62480	4.7974E-6
	-6.00000	45.00000	-8.50000	-6.3589	-8.9310	-183.37E-6	-0.66060	5.0719E-6
	-5.00000	45.00000	-8.50000	-6.6467	-8.9310	-202.35E-6	-0.69777	5.3569E-

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	33.00000	45.00000	-8.50000	-10.917	-8.9310	-776.82E-6	-1.4062	10.779E-6
	34.00000	45.00000	-8.50000	-10.647	-8.9310	-742.71E-6	-1.3627	10.446E-6
	35.00000	45.00000	-8.50000	-10.359	-8.9310	-703.83E-6	-1.3152	10.082E-6
	36.00000	45.00000	-8.50000	-10.055	-8.9310	-660.97E-6	-1.2643	9.6922E-6
	37.00000	45.00000	-8.50000	-9.7364	-8.9310	-615.09E-6	-1.2106	9.2814E-6
	38.00000	45.00000	-8.50000	-9.4068	-8.9310	-567.29E-6	-1.1549	8.8555E-6
	39.00000	45.00000	-8.50000	-9.0690	-8.9310	-518.74E-6	-1.0980	8.4206E-6
	40.00000	45.00000	-8.50000	-8.7258	-8.9310	-470.58E-6	-1.0408	7.9825E-6
	41.00000	45.00000	-8.50000	-8.3799	-8.9310	-423.86E-6	-0.98389	7.5471E-6
	42.00000	45.00000	-8.50000	-8.0338	-8.9310	-379.43E-6	-0.92797	7.1191E-6
	43.00000	45.00000	-8.50000	-7.6899	-8.9310	-337.93E-6	-0.87360	6.7028E-6
	44.00000	45.00000	-8.50000	-7.3503	-8.9310	-299.75E-6	-0.82120	6.3016E-6
	45.00000	45.00000	-8.50000	-7.0166	-8.9310	-265.09E-6	-0.77110	5.9179E-6
	46.00000	45.00000	-8.50000	-6.6904	-8.9310	-233.97E-6	-0.72351	5.5534E-6
	47.00000	45.00000	-8.50000	-6.3728	-8.9310	-206.25E-6	-0.67855	5.2089E-6
	48.00000	45.00000	-8.50000	-6.0647	-8.9310	-181.73E-6	-0.63625	4.8847E-6
	49.00000	45.00000	-8.50000	-5.7668	-8.9310	-160.16E-6	-0.59660	4.5808E-6
	50.00000	45.00000	-8.50000	-5.4796	-8.9310	-141.24E-6	-0.55953	4.2965E-6
	51.00000	45.00000	-8.50000	-5.2033	-8.9310	-124.68E-6	-0.52494	4.0313E-6
	52.00000	45.00000	-8.50000	-4.9380	-8.9310	-110.22E-6	-0.49272	3.7841E-6
	53.00000	45.00000	-8.50000	-4.6838	-8.9310	-97.591E-6	-0.46272	3.5541E-6
	54.00000	45.00000	-8.50000	-4.4406	-8.9310	-86.561E-6	-0.43483	3.3401E-6
	55.00000	45.00000	-8.50000	-4.2083	-8.9310	-76.922E-6	-0.40889	3.1410E-6
	56.00000	45.00000	-8.50000	-3.9865	-8.9310	-68.490E-6	-0.38478	2.9560E-6
	57.00000	45.00000	-8.50000	-3.7751	-8.9310	-61.104E-6	-0.36236	2.7839E-6
	58.00000	45.00000	-8.50000	-3.5737	-8.9310	-54.623E-6	-0.34150	2.6238E-6
	59.00000	45.00000	-8.50000	-3.3821	-8.9310	-48.929E-6	-0.32209	2.4748E-6
	60.00000	45.00000	-8.50000	-3.1998	-8.9310	-43.915E-6	-0.30403	2.3361E-6
	-20.00000	46.00000	-8.50000	-3.0043	-8.9310	-38.651E-6	-0.28470	2.1877E-6
	-19.00000	46.00000	-8.50000	-3.1681	-8.9310	-42.640E-6	-0.30038	2.3081E-6
	-18.00000	46.00000	-8.50000	-3.3394	-8.9310	-47.085E-6	-0.31706	2.4361E-6
	-17.00000	46.00000	-8.50000	-3.5184	-8.9310	-52.037E-6	-0.33478	2.5722E-6
	-16.00000	46.00000	-8.50000	-3.7052	-8.9310	-57.553E-6	-0.35361	2.7168E-6
	-15.00000	46.00000	-8.50000	-3.8998	-8.9310	-63.692E-6	-0.37361	2.8703E-6
	-14.00000	46.00000	-8.50000	-4.1023	-8.9310	-70.515E-6	-0.39481	3.0330E-6
	-13.00000	46.00000	-8.50000	-4.3126	-8.9310	-78.088E-6	-0.41726	3.2053E-6
	-12.00000	46.00000	-8.50000	-4.5308	-8.9310	-86.472E-6	-0.44100	3.3875E-6
	-11.00000	46.00000	-8.50000	-4.7566	-8.9310	-95.729E-6	-0.46605	3.5798E-6
	-10.00000	46.00000	-8.50000	-4.9897	-8.9310	-105.92E-6	-0.49244	3.7822E-6
	-9.00000	46.00000	-8.50000	-5.2299	-8.9310	-117.07E-6	-0.52014	3.9948E-6
	-8.00000	46.00000	-8.50000	-5.4768	-8.9310	-129.24E-6	-0.54915	4.2173E-6
	-7.00000	46.00000	-8.50000	-5.7297	-8.9310	-142.42E-6	-0.57941	4.4494E-6
	-6.00000	46.00000	-8.50000	-5.9880	-8.9310	-156.61E-6	-0.61085	4.6906E-6
	-5.00000	46.00000	-8.50000	-6.2509	-8.9310	-171.76E-6	-0.64338	4.9400E-6
	-4.00000	46.00000	-8.50000	-6.5176	-8.9310	-187.80E-6	-0.67686	5.1967E-6
	-3.00000	46.00000	-8.50000	-6.7871	-8.9310	-204.63E-6	-0.71115	5.4596E-6
	-2.00000	46.00000	-8.50000	-7.0582	-8.9310	-222.12E-6	-0.74606	5.7273E-6
	-1.00000	46.00000	-8.50000	-7.3299	-8.9310	-240.10E-6	-0.78139	5.9982E-6
	0.00000	46.00000	-8.50000	-7.6009	-8.9310	-258.41E-6	-0.81695	6.2708E-6
	1.00000	46.00000	-8.50000	-7.8700	-8.9310	-276.84E-6	-0.85250	6.5434E-6
	2.00000	46.00000	-8.50000	-8.1359	-8.9310	-295.23E-6	-0.88783	6.8143E-6
	3.00000	46.00000	-8.50000	-8.3974	-8.9310	-313.42E-6	-0.92274	7.0819E-6
	4.00000	46.00000	-8.50000	-8.6533	-8.9310	-331.26E-6	-0.95704	7.3448E-6
	5.00000	46.00000	-8.50000	-8.9025	-8.9310	-348.65E-6	-0.99056	7.6018E-6
	6.00000	46.00000	-8.50000	-9.1440	-8.9310	-365.55E-6	-1.0232	7.8517E-6
	7.00000	46.00000	-8.50000	-9.3767	-8.9310	-381.92E-6	-1.0547	8.0938E-6
	8.00000	46.00000	-8.50000	-9.5997	-8.9310	-397.81E-6	-1.0852	8.3274E-6
	9.00000	46.00000	-8.50000	-9.8124	-8.9310	-413.29E-6	-1.1145	8.5521E-6
	10.00000	46.00000	-8.50000	-10.014	-8.9310	-428.45E-6	-1.1426	8.7677E-6
	11.00000	46.00000	-8.50000	-10.204	-8.9310	-443.44E-6	-1.1696	8.9741E-6
	12.00000	46.00000	-8.50000	-10.381	-8.9310	-458.39E-6	-1.1953	9.1713E-6
	13.00000	46.00000	-8.50000	-10.545	-8.9310	-473.49E-6	-1.2198	9.3593E-6
	14.00000	46.00000	-8.50000	-10.696	-8.9310	-488.87E-6	-1.2432	9.5381E-6
	15.00000	46.00000	-8.50000	-10.833	-8.9310	-504.66E-6	-1.2653	9.7075E-6
	16.00000	46.00000	-8.50000	-10.955	-8.9310	-520.95E-6	-1.2861	9.8676E-6
	17.00000	46.00000	-8.50000	-11.061	-8.9310	-537.74E-6	-1.3057	10.016E-6
	18.00000	46.00000	-8.50000	-11.152	-8.9310	-554.98E-6	-1.3237	10.154E-6
	19.00000	46.00000	-8.50000	-11.225	-8.9310	-572.46E-6	-1.3400	10.279E-6
	20.00000	46.00000	-8.50000	-11.281	-8.9310	-589.90E-6	-1.3545	10.389E-6
	21.00000	46.00000	-8.50000	-11.318	-8.9310	-606.88E-6	-1.3667	10.483E-6
	22.00000	46.00000	-8.50000	-11.336	-8.9310	-622.91E-6	-1.3765	10.557E-6
	23.00000	46.00000	-8.50000	-11.333	-8.9310	-637.44E-6	-1.3834	10.609E-6
	24.00000	46.00000	-8.50000	-11.309	-8.9310	-649.88E-6	-1.3871	10.638E-6
	25.00000	46.00000	-8.50000	-11.263	-8.9310	-659.67E-6	-1.3873	10.639E-6
	26.00000	46.00000	-8.50000	-11.195	-8.9310	-666.32E-6	-1.3837	10.611E-6
	27.00000	46.00000	-8.50000	-11.103	-8.9310	-669.41E-6	-1.3761	10.552E-6
	28.00000	46.00000	-8.50000	-10.989	-8.9310	-668.62E-6	-1.3642	10.461E-6
	29.00000	46.00000	-8.50000	-10.852	-8.9310	-663.71E-6	-1.3480	10.337E-6
	30.00000	46.00000	-8.50000	-10.692	-8.9310	-654.57E-6	-1.3275	10.179E-6
	31.00000	46.00000	-8.50000	-10.510	-8.9310	-641.16E-6	-1.3027	9.9891E-6
	32.00000	46.00000	-8.50000	-10.307	-8.9310	-623.55E-6	-1.2738	9.7673E-6
	33.00000	46.00000	-8.50000	-10.085	-8.9310	-601.92E-6	-1.2409	9.5155E-6
	34.00000	46.00000	-8.50000	-9.8444	-8.9310	-576.58E-6	-1.2044	9.2362E-6
	35.00000	46.00000	-8.50000	-9.5874	-8.9310	-547.94E-6	-1.1647	8.9322E-6
	36.00000	46.00000	-8.50000	-9.3159	-8.9310	-516.54E-6	-1.1223	8.6073E-6
	37.00000	46.00000	-8.50000	-9.0322	-8.9310	-483.03E-6	-1.0777	8.2654E-6
	38.00000	46.00000	-8.50000	-8.7385	-8.9310	-448.15E-6	-1.0314	7.9111E-6
	39.00000	46.00000	-8.50000	-8.4372	-8.9310	-412.66E-6	-0.98403	7.5487E-6
	40.00000	46.00000	-8.50000	-8.1306	-8.9310	-377.30E-6	-0.93625	7.1828E-6
	41.00000	46.00000	-8.50000	-7.8210	-8.9310	-342.78E-6	-0.88857	6.8177E-6
	42.00000	46.00000	-8.50000	-7.5105	-8.9310	-309.67E-6	-0.84150	6.4573E-6
	43.00000	46.00000	-8.50000	-7.2013	-8.9310	-278.42E-6	-0.79548	6.1048E-6
	44.00000	46.00000	-8.50000	-6.8949	-8.9310	-249.34E-6	-0.75087	5.7630E-6
	45.00000	46.00000	-8.50000	-6.5931	-8.9310	-222.62E-6	-0.70793	5.4341E-6
	46.00000	46.00000	-8.50000	-6.2970	-8.9310	-198.32E-6	-0.66687	5.1194E-6
	47.00000	46.00000	-8.50000	-6.0079	-8.9310	-176.40E-6	-0.62782	4.8201E-6
	48.00000	46.00000	-8.50000	-5.7265	-8.9310	-156.78E-6	-0.59084	4.5366E-6
	49.00000	46.00000	-8.50000	-5.4536	-8.9310	-139.29E-6	-0.55594	4.2691E-6
	50.00000	46.00000	-8.50000	-5.1896	-8.9310	-123.78E-6	-0.52312	4.0173E-6
	51.00000	46.00000	-8.50000	-4.9349	-8.9310	-110.06E-6	-0.49231	3.7810E-6
	52.00000	46.00000	-8.50000	-4.6897	-8.9310	-97.944E-6	-0.46344	3.5596E-6
	53.00000	46.00000	-8.50000	-4.4541	-8.9310	-87.262E-6	-0.43644	3.3524E-6
	54.00000	46.00000	-8.50000	-4.2282	-8.9310	-77.847E-6	-0.41119	3.1587E-6
	55.00000	46.00000	-8.50000	-4.0117	-8.9310	-69.550E-6	-0.38761	2.9777E-6
	56.00000	46.00000	-8.50000	-3.8047	-8.9310	-62.235E-6	-0.36558	2.8086E-6
	57.00000	46.00000	-8.50000	-3.6068	-8.9310	-55.780E-6	-0.34502	2.6508E-6
	58.00000	46.00000	-8.50000	-3.4180	-8.9310	-50.079E-6	-0.32582	2.5034E-6
	59.00000	46.00000	-8.50000	-3.2379	-8.9310	-45.037E-6	-0.30789	2.3658E-6
	60.00000	46.00000	-8.50000	-3.0663	-8.9310	-40.573E-6	-0.29114	2.2372E-6
	-20.00000	47.00000	-8.50000	-2.8735	-8.9310	-35.543E-6	-0.27225	2.0921E-6
	-19.00000	47.00000	-8.50000	-3.0274	-8.9310	-39.069E-6	-0.28675	2.2035E-6
	-18.00000	47.00000	-8.50000	-3.1881	-8.9310	-42.976E-6	-0.30212	2.3215E-6
	-17.00000	47.00000	-8.50000	-3.3557	-8.9310	-47.304E-6	-0.31841	2.4466E-6
	-16.00000	47.00000	-8.50000	-3.5302	-8.9310	-52.096E-6	-0.33566	2.5790E-6
	-15.00000	47.00000	-8.50000	-3.7117	-8.9310	-57.395E-6	-0.35390	2.7190E-6
	-14.00000	47.00000	-8.50000	-3.9002	-8.9310	-63.247E-6	-0.37318	2.8670E-6
	-13.00000	47.00000	-8.50000	-4.0956	-8.9310	-69.696E-6	-0.39351	3.0231E-6
	-12.00000	47.00000	-8.50000	-4.2979	-8.9310	-76.788E-6	-0.41494	3.1875E-6
	-11.00000	47.00000	-8.50000	-4.5068	-8.9310	-84.563E-6	-0.43746	3.3604E-6
	-10.00000	47.00000	-8.50000	-4.7221	-8.9310	-93.056E-6	-0.46109	3.5417E-6
	-9.00000	47.00000	-8.50000	-4.9435	-8.9310	-102.29E-6	-0.48580	3.7313E-6
	-8.00000	47.00000	-8.50000	-5.1705	-8.9310	-112.29E-6	-0.51157	3.9291E-6
	-7.00000	47.00000	-8.50000	-5.4027	-8.9310	-123.06E-6	-0.53836	4.1346E-6
	-6.00000	47.00000	-8.50000	-5.6393	-8.9310	-134.57E-6	-0.56610	4.3474E-6
	-5.00000	47.00000	-8.50000	-5.8798	-8.9310	-146.79E-6	-0.59470	4.5668E-6
	-4.00000	47.00000	-8.50000	-6.1234	-8.9310	-159.66E-6	-0.62405	4.7919E-6
	-3.00000	47.00000	-8.50000	-6.3691	-8.9310	-173.11E-6	-0.65403	5.0218E-6
	-2.00000	47.00000	-8.50000	-6.6160	-8.9310	-187.04E-6	-0.68449	5.2555E-6
	-1.00000	47.00000	-8.50000	-6.8632	-8.9310	-201.33E-6	-0.71527	5.4915E-6
	0.00000	47.00000	-8.50000	-7.1095	-8.9310	-215.86E-6	-0.74621	5.7288E-6
	1.00000	47.00000	-8.50000	-7.3539	-8.9310	-230.51E-6	-0.77712	5.9658E-6
	2.00000	47.00000	-8.50000	-7.5953	-8.9310	-245.13E-6	-0.80784	6.2014E-6
	3.00000	47.00000	-8.50000	-7.8327	-8.9310	-259.63E-6	-0.83820	6.4342E-6
	4.00000	47.00000	-8.50000	-8.0649	-8.9310	-273.90E-6	-0.86804	6.6630E-6
	5.00000	47.00000	-8.50000	-8.2910	-8.9310	-287.86E-6	-0.89723	6.8868E-6
	6.00000	47.00000	-8.50000	-8.5101	-8.9310	-301.49E-6	-0.92564	7.1047E-6
	7.00000	47.00000	-8.50000	-8.7212	-8.9310	-314.74E-6	-0.95318	7.3159E-6
	8.00000	47.00000	-8.50000	-8.9236	-8.9310	-327.65E-6	-0.97977	7.5198E-6
	9.00000	47.00000	-8.50000	-9.1164	-8.9310	-340.24E-6	-1.0054	7.7160E-6
	10.00000	47.00000	-8.50000	-9.2991	-8.9310	-352.57E-6	-1.0299	7.9041E-6
	11.00000	47.00000	-8.50000	-9.4709	-8.9310	-364.73E-6	-1.0533	8.0840E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	**Date** 09-Feb-2015	**Checked**

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	12.00000	47.00000	-8.50000	-9.6313	-8.9310	-376.80E-6	-1.0757	8.2553E-6
	13.00000	47.00000	-8.50000	-9.7797	-8.9310	-388.88E-6	-1.0969	8.4180E-6
	14.00000	47.00000	-8.50000	-9.9155	-8.9310	-401.04E-6	-1.1170	8.5718E-6
	15.00000	47.00000	-8.50000	-10.038	-8.9310	-413.36E-6	-1.1359	8.7165E-6
	16.00000	47.00000	-8.50000	-10.147	-8.9310	-425.85E-6	-1.1535	8.8516E-6
	17.00000	47.00000	-8.50000	-10.242	-8.9310	-438.52E-6	-1.1698	8.9764E-6
	18.00000	47.00000	-8.50000	-10.322	-8.9310	-451.27E-6	-1.1847	9.0900E-6
	19.00000	47.00000	-8.50000	-10.386	-8.9310	-463.97E-6	-1.1979	9.1913E-6
	20.00000	47.00000	-8.50000	-10.433	-8.9310	-476.40E-6	-1.2094	9.2788E-6
	21.00000	47.00000	-8.50000	-10.464	-8.9310	-488.30E-6	-1.2188	9.3510E-6
	22.00000	47.00000	-8.50000	-10.477	-8.9310	-499.33E-6	-1.2261	9.4061E-6
	23.00000	47.00000	-8.50000	-10.471	-8.9310	-509.12E-6	-1.2308	9.4420E-6
	24.00000	47.00000	-8.50000	-10.446	-8.9310	-517.29E-6	-1.2328	9.4571E-6
	25.00000	47.00000	-8.50000	-10.402	-8.9310	-523.48E-6	-1.2319	9.4494E-6
	26.00000	47.00000	-8.50000	-10.338	-8.9310	-527.36E-6	-1.2277	9.4175E-6
	27.00000	47.00000	-8.50000	-10.253	-8.9310	-528.65E-6	-1.2203	9.3600E-6
	28.00000	47.00000	-8.50000	-10.148	-8.9310	-527.11E-6	-1.2093	9.2761E-6
	29.00000	47.00000	-8.50000	-10.023	-8.9310	-522.61E-6	-1.1949	9.1652E-6
	30.00000	47.00000	-8.50000	-9.8777	-8.9310	-515.05E-6	-1.1769	9.0273E-6
	31.00000	47.00000	-8.50000	-9.7135	-8.9310	-504.41E-6	-1.1555	8.8629E-6
	32.00000	47.00000	-8.50000	-9.5311	-8.9310	-490.78E-6	-1.1307	8.6729E-6
	33.00000	47.00000	-8.50000	-9.3315	-8.9310	-474.27E-6	-1.1027	8.4586E-6
	34.00000	47.00000	-8.50000	-9.1159	-8.9310	-455.13E-6	-1.0719	8.2222E-6
	35.00000	47.00000	-8.50000	-8.8858	-8.9310	-433.65E-6	-1.0384	7.9659E-6
	36.00000	47.00000	-8.50000	-8.6431	-8.9310	-410.21E-6	-1.0027	7.6925E-6
	37.00000	47.00000	-8.50000	-8.3894	-8.9310	-385.27E-6	-0.96522	7.4052E-6
	38.00000	47.00000	-8.50000	-8.1267	-8.9310	-359.31E-6	-0.92634	7.1074E-6
	39.00000	47.00000	-8.50000	-7.8569	-8.9310	-332.85E-6	-0.88653	6.8025E-6
	40.00000	47.00000	-8.50000	-7.5821	-8.9310	-306.40E-6	-0.84626	6.4941E-6
	41.00000	47.00000	-8.50000	-7.3042	-8.9310	-280.42E-6	-0.80596	6.1853E-6
	42.00000	47.00000	-8.50000	-7.0249	-8.9310	-255.33E-6	-0.76601	5.8792E-6
	43.00000	47.00000	-8.50000	-6.7461	-8.9310	-231.45E-6	-0.72676	5.5785E-6
	44.00000	47.00000	-8.50000	-6.4692	-8.9310	-209.01E-6	-0.68852	5.2854E-6
	45.00000	47.00000	-8.50000	-6.1956	-8.9310	-188.18E-6	-0.65151	5.0017E-6
	46.00000	47.00000	-8.50000	-5.9266	-8.9310	-169.02E-6	-0.61591	4.7289E-6
	47.00000	47.00000	-8.50000	-5.6630	-8.9310	-151.55E-6	-0.58185	4.4677E-6
	48.00000	47.00000	-8.50000	-5.4058	-8.9310	-135.73E-6	-0.54940	4.2189E-6
	49.00000	47.00000	-8.50000	-5.1556	-8.9310	-121.49E-6	-0.51862	3.9828E-6
	50.00000	47.00000	-8.50000	-4.9130	-8.9310	-108.72E-6	-0.48949	3.7594E-6
	51.00000	47.00000	-8.50000	-4.6782	-8.9310	-97.308E-6	-0.46200	3.5485E-6
	52.00000	47.00000	-8.50000	-4.4516	-8.9310	-87.137E-6	-0.43611	3.3499E-6
	53.00000	47.00000	-8.50000	-4.2333	-8.9310	-78.088E-6	-0.41177	3.1631E-6
	54.00000	47.00000	-8.50000	-4.0233	-8.9310	-70.044E-6	-0.38891	2.9876E-6
	55.00000	47.00000	-8.50000	-3.8218	-8.9310	-62.899E-6	-0.36745	2.8230E-6
	56.00000	47.00000	-8.50000	-3.6286	-8.9310	-56.552E-6	-0.34734	2.6686E-6
	57.00000	47.00000	-8.50000	-3.4436	-8.9310	-50.912E-6	-0.32848	2.5238E-6
	58.00000	47.00000	-8.50000	-3.2666	-8.9310	-45.898E-6	-0.31081	2.3882E-6
	59.00000	47.00000	-8.50000	-3.0975	-8.9310	-41.438E-6	-0.29425	2.2610E-6
	60.00000	47.00000	-8.50000	-2.9361	-8.9310	-37.465E-6	-0.27873	2.1418E-6
	-20.00000	48.00000	-8.50000	-2.7467	-8.9310	-32.694E-6	-0.26035	2.0007E-6
	-19.00000	48.00000	-8.50000	-2.8913	-8.9310	-35.812E-6	-0.27376	2.1037E-6
	-18.00000	48.00000	-8.50000	-3.0419	-8.9310	-39.250E-6	-0.28794	2.2126E-6
	-17.00000	48.00000	-8.50000	-3.1987	-8.9310	-43.038E-6	-0.30291	2.3276E-6
	-16.00000	48.00000	-8.50000	-3.3618	-8.9310	-47.207E-6	-0.31872	2.4489E-6
	-15.00000	48.00000	-8.50000	-3.5310	-8.9310	-51.791E-6	-0.33538	2.5769E-6
	-14.00000	48.00000	-8.50000	-3.7065	-8.9310	-56.823E-6	-0.35293	2.7116E-6
	-13.00000	48.00000	-8.50000	-3.8881	-8.9310	-62.334E-6	-0.37138	2.8533E-6
	-12.00000	48.00000	-8.50000	-4.0757	-8.9310	-68.356E-6	-0.39075	3.0019E-6
	-11.00000	48.00000	-8.50000	-4.2691	-8.9310	-74.915E-6	-0.41104	3.1577E-6
	-10.00000	48.00000	-8.50000	-4.4680	-8.9310	-82.034E-6	-0.43225	3.3204E-6
	-9.00000	48.00000	-8.50000	-4.6721	-8.9310	-89.729E-6	-0.45436	3.4901E-6
	-8.00000	48.00000	-8.50000	-4.8811	-8.9310	-98.006E-6	-0.47733	3.6664E-6
	-7.00000	48.00000	-8.50000	-5.0944	-8.9310	-106.86E-6	-0.50113	3.8490E-6
	-6.00000	48.00000	-8.50000	-5.3115	-8.9310	-116.28E-6	-0.52570	4.0375E-6
	-5.00000	48.00000	-8.50000	-5.5318	-8.9310	-126.23E-6	-0.55096	4.2313E-6
	-4.00000	48.00000	-8.50000	-5.7545	-8.9310	-136.66E-6	-0.57681	4.4297E-6
	-3.00000	48.00000	-8.50000	-5.9789	-8.9310	-147.53E-6	-0.60315	4.6318E-6
	-2.00000	48.00000	-8.50000	-6.2041	-8.9310	-158.74E-6	-0.62987	4.8367E-6
	-1.00000	48.00000	-8.50000	-6.4293	-8.9310	-170.23E-6	-0.65682	5.0435E-6
	0.00000	48.00000	-8.50000	-6.6536	-8.9310	-181.90E-6	-0.68388	5.2510E-6
	1.00000	48.00000	-8.50000	-6.8760	-8.9310	-193.66E-6	-0.71090	5.4583E-6
	2.00000	48.00000	-8.50000	-7.0955	-8.9310	-205.42E-6	-0.73774	5.6641E-6
	3.00000	48.00000	-8.50000	-7.3112	-8.9310	-217.09E-6	-0.76426	5.8676E-6
	4.00000	48.00000	-8.50000	-7.5223	-8.9310	-228.61E-6	-0.79034	6.0676E-6
	5.00000	48.00000	-8.50000	-7.7277	-8.9310	-239.93E-6	-0.81586	6.2633E-6
	6.00000	48.00000	-8.50000	-7.9267	-8.9310	-250.99E-6	-0.84072	6.4540E-6
	7.00000	48.00000	-8.50000	-8.1185	-8.9310	-261.79E-6	-0.86482	6.6389E-6
	8.00000	48.00000	-8.50000	-8.3022	-8.9310	-272.33E-6	-0.88810	6.8174E-6
	9.00000	48.00000	-8.50000	-8.4773	-8.9310	-282.62E-6	-0.91049	6.9891E-6
	10.00000	48.00000	-8.50000	-8.6430	-8.9310	-292.70E-6	-0.93194	7.1536E-6
	11.00000	48.00000	-8.50000	-8.7987	-8.9310	-302.60E-6	-0.95242	7.3106E-6
	12.00000	48.00000	-8.50000	-8.9439	-8.9310	-312.39E-6	-0.97188	7.4598E-6
	13.00000	48.00000	-8.50000	-9.0780	-8.9310	-322.10E-6	-0.99029	7.6010E-6
	14.00000	48.00000	-8.50000	-9.2005	-8.9310	-331.79E-6	-1.0076	7.7338E-6
	15.00000	48.00000	-8.50000	-9.3108	-8.9310	-341.47E-6	-1.0238	7.8579E-6
	16.00000	48.00000	-8.50000	-9.4084	-8.9310	-351.16E-6	-1.0388	7.9727E-6
	17.00000	48.00000	-8.50000	-9.4927	-8.9310	-360.82E-6	-1.0525	8.0777E-6
	18.00000	48.00000	-8.50000	-9.5631	-8.9310	-370.38E-6	-1.0648	8.1721E-6
	19.00000	48.00000	-8.50000	-9.6191	-8.9310	-379.75E-6	-1.0757	8.2550E-6
	20.00000	48.00000	-8.50000	-9.6601	-8.9310	-388.76E-6	-1.0849	8.3251E-6
	21.00000	48.00000	-8.50000	-9.6854	-8.9310	-397.22E-6	-1.0922	8.3814E-6
	22.00000	48.00000	-8.50000	-9.6945	-8.9310	-404.92E-6	-1.0976	8.4223E-6
	23.00000	48.00000	-8.50000	-9.6869	-8.9310	-411.60E-6	-1.1008	8.4466E-6
	24.00000	48.00000	-8.50000	-9.6621	-8.9310	-417.01E-6	-1.1016	8.4529E-6
	25.00000	48.00000	-8.50000	-9.6196	-8.9310	-420.91E-6	-1.1000	8.4399E-6
	26.00000	48.00000	-8.50000	-9.5593	-8.9310	-423.07E-6	-1.0956	8.4064E-6
	27.00000	48.00000	-8.50000	-9.4810	-8.9310	-423.30E-6	-1.0885	8.3516E-6
	28.00000	48.00000	-8.50000	-9.3847	-8.9310	-421.46E-6	-1.0785	8.2749E-6
	29.00000	48.00000	-8.50000	-9.2705	-8.9310	-417.43E-6	-1.0656	8.1760E-6
	30.00000	48.00000	-8.50000	-9.1389	-8.9310	-411

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	-9.00000	49.00000	-8.50000	-4.4151	-8.9310	-78.999E-6	-0.42552	3.2689E-6
	-8.00000	49.00000	-8.50000	-4.6076	-8.9310	-85.895E-6	-0.44607	3.4265E-6
	-7.00000	49.00000	-8.50000	-4.8038	-8.9310	-93.233E-6	-0.46729	3.5894E-6
	-6.00000	49.00000	-8.50000	-5.0032	-8.9310	-101.00E-6	-0.48912	3.7570E-6
	-5.00000	49.00000	-8.50000	-5.2051	-8.9310	-109.17E-6	-0.51152	3.9288E-6
	-4.00000	49.00000	-8.50000	-5.4091	-8.9310	-117.70E-6	-0.53438	4.1042E-6
	-3.00000	49.00000	-8.50000	-5.6143	-8.9310	-126.56E-6	-0.55763	4.2826E-6
	-2.00000	49.00000	-8.50000	-5.8200	-8.9310	-135.68E-6	-0.58117	4.4632E-6
	-1.00000	49.00000	-8.50000	-6.0256	-8.9310	-145.01E-6	-0.60488	4.6452E-6
	0.00000	49.00000	-8.50000	-6.2301	-8.9310	-154.47E-6	-0.62866	4.8276E-6
	1.00000	49.00000	-8.50000	-6.4327	-8.9310	-164.01E-6	-0.65238	5.0096E-6
	2.00000	49.00000	-8.50000	-6.6326	-8.9310	-173.55E-6	-0.67594	5.1903E-6
	3.00000	49.00000	-8.50000	-6.8290	-8.9310	-183.04E-6	-0.69921	5.3689E-6
	4.00000	49.00000	-8.50000	-7.0210	-8.9310	-192.42E-6	-0.72210	5.5444E-6
	5.00000	49.00000	-8.50000	-7.2079	-8.9310	-201.66E-6	-0.74450	5.7162E-6
	6.00000	49.00000	-8.50000	-7.3888	-8.9310	-210.71E-6	-0.76631	5.8836E-6
	7.00000	49.00000	-8.50000	-7.5632	-8.9310	-219.56E-6	-0.78747	6.0459E-6
	8.00000	49.00000	-8.50000	-7.7302	-8.9310	-228.21E-6	-0.80790	6.2026E-6
	9.00000	49.00000	-8.50000	-7.8892	-8.9310	-236.66E-6	-0.82754	6.3533E-6
	10.00000	49.00000	-8.50000	-8.0396	-8.9310	-244.92E-6	-0.84634	6.4975E-6
	11.00000	49.00000	-8.50000	-8.1809	-8.9310	-253.03E-6	-0.86426	6.6349E-6
	12.00000	49.00000	-8.50000	-8.3124	-8.9310	-260.99E-6	-0.88125	6.7652E-6
	13.00000	49.00000	-8.50000	-8.4337	-8.9310	-268.85E-6	-0.89726	6.8880E-6
	14.00000	49.00000	-8.50000	-8.5443	-8.9310	-276.61E-6	-0.91226	7.0030E-6
	15.00000	49.00000	-8.50000	-8.6435	-8.9310	-284.29E-6	-0.92620	7.1098E-6
	16.00000	49.00000	-8.50000	-8.7310	-8.9310	-291.86E-6	-0.93900	7.2079E-6
	17.00000	49.00000	-8.50000	-8.8063	-8.9310	-299.31E-6	-0.95060	7.2968E-6
	18.00000	49.00000	-8.50000	-8.8687	-8.9310	-306.58E-6	-0.96091	7.3758E-6
	19.00000	49.00000	-8.50000	-8.9178	-8.9310	-313.58E-6	-0.96983	7.4440E-6
	20.00000	49.00000	-8.50000	-8.9532	-8.9310	-320.20E-6	-0.97725	7.5007E-6
	21.00000	49.00000	-8.50000	-8.9742	-8.9310	-326.31E-6	-0.98303	7.5449E-6
	22.00000	49.00000	-8.50000	-8.9805	-8.9310	-331.75E-6	-0.98704	7.5755E-6
	23.00000	49.00000	-8.50000	-8.9716	-8.9310	-336.35E-6	-0.98915	7.5915E-6
	24.00000	49.00000	-8.50000	-8.9472	-8.9310	-339.95E-6	-0.98922	7.5919E-6
	25.00000	49.00000	-8.50000	-8.9070	-8.9310	-342.37E-6	-0.98713	7.5758E-6
	26.00000	49.00000	-8.50000	-8.8507	-8.9310	-343.47E-6	-0.98279	7.5423E-6
	27.00000	49.00000	-8.50000	-8.7784	-8.9310	-343.11E-6	-0.97611	7.4909E-6
	28.00000	49.00000	-8.50000	-8.6901	-8.9310	-341.19E-6	-0.96703	7.4212E-6
	29.00000	49.00000	-8.50000	-8.5860	-8.9310	-337.64E-6	-0.95553	7.3330E-6
	30.00000	49.00000	-8.50000	-8.4665	-8.9310	-332.44E-6	-0.94164	7.2263E-6
	31.00000	49.00000	-8.50000	-8.3320	-8.9310	-325.58E-6	-0.92540	7.1018E-6
	32.00000	49.00000	-8.50000	-8.1834	-8.9310	-317.10E-6	-0.90690	6.9599E-6
	33.00000	49.00000	-8.50000	-8.0213	-8.9310	-307.09E-6	-0.88629	6.8018E-6
	34.00000	49.00000	-8.50000	-7.8468	-8.9310	-295.68E-6	-0.86371	6.6287E-6
	35.00000	49.00000	-8.50000	-7.6610	-8.9310	-283.03E-6	-0.83938	6.4422E-6
	36.00000	49.00000	-8.50000	-7.4652	-8.9310	-269.33E-6	-0.81352	6.2439E-6
	37.00000	49.00000	-8.50000	-7.2605	-8.9310	-254.80E-6	-0.78639	6.0359E-6
	38.00000	49.00000	-8.50000	-7.0484	-8.9310	-239.70E-6	-0.75825	5.8203E-6
	39.00000	49.00000	-8.50000	-6.8304	-8.9310	-224.25E-6	-0.72940	5.5991E-6
	40.00000	49.00000	-8.50000	-6.6078	-8.9310	-208.72E-6	-0.70010	5.3745E-6
	41.00000	49.00000	-8.50000	-6.3820	-8.9310	-193.34E-6	-0.67062	5.1485E-6
	42.00000	49.00000	-8.50000	-6.1544	-8.9310	-178.31E-6	-0.64121	4.9230E-6
	43.00000	49.00000	-8.50000	-5.9263	-8.9310	-163.80E-6	-0.61211	4.6999E-6
	44.00000	49.00000	-8.50000	-5.6987	-8.9310	-149.96E-6	-0.58350	4.4805E-6
	45.00000	49.00000	-8.50000	-5.4729	-8.9310	-136.90E-6	-0.55557	4.2663E-6
	46.00000	49.00000	-8.50000	-5.2497	-8.9310	-124.67E-6	-0.52844	4.0582E-6
	47.00000	49.00000	-8.50000	-5.0300	-8.9310	-113.31E-6	-0.50222	3.8571E-6
	48.00000	49.00000	-8.50000	-4.8145	-8.9310	-102.84E-6	-0.47700	3.6636E-6
	49.00000	49.00000	-8.50000	-4.6039	-8.9310	-93.231E-6	-0.45283	3.4782E-6
	50.00000	49.00000	-8.50000	-4.3985	-8.9310	-84.463E-6	-0.42974	3.3010E-6
	51.00000	49.00000	-8.50000	-4.1989	-8.9310	-76.490E-6	-0.40773	3.1322E-6
	52.00000	49.00000	-8.50000	-4.0052	-8.9310	-69.264E-6	-0.38682	2.9717E-6
	53.00000	49.00000	-8.50000	-3.8178	-8.9310	-62.730E-6	-0.36698	2.8194E-6
	54.00000	49.00000	-8.50000	-3.6368	-8.9310	-56.832E-6	-0.34819	2.6751E-6
	55.00000	49.00000	-8.50000	-3.4622	-8.9310	-51.517E-6	-0.33041	2.5386E-6
	56.00000	49.00000	-8.50000	-3.2941	-8.9310	-46.731E-6	-0.31361	2.4097E-6
	57.00000	49.00000	-8.50000	-3.1325	-8.9310	-42.422E-6	-0.29775	2.2879E-6
	58.00000	49.00000	-8.50000	-2.9774	-8.9310	-38.546E-6	-0.28278	2.1729E-6
	59.00000	49.00000	-8.50000	-2.8286	-8.9310	-35.057E-6	-0.26866	2.0645E-6
	60.00000	49.00000	-8.50000	-2.6861	-8.9310	-31.916E-6	-0.25534	1.9622E-6
	-20.00000	50.00000	-8.50000	-2.5051	-8.9310	-27.695E-6	-0.23815	1.8302E-6
	-19.00000	50.00000	-8.50000	-2.6324	-8.9310	-30.140E-6	-0.24963	1.9184E-6
	-18.00000	50.00000	-8.50000	-2.7647	-8.9310	-32.811E-6	-0.26171	2.0112E-6
	-17.00000	50.00000	-8.50000	-2.9020	-8.9310	-35.725E-6	-0.27439	2.1086E-6
	-16.00000	50.00000	-8.50000	-3.0443	-8.9310	-38.900E-6	-0.28770	2.2108E-6
	-15.00000	50.00000	-8.50000	-3.1915	-8.9310	-42.355E-6	-0.30165	2.3179E-6
	-14.00000	50.00000	-8.50000	-3.3436	-8.9310	-46.105E-6	-0.31625	2.4300E-6
	-13.00000	50.00000	-8.50000	-3.5004	-8.9310	-50.169E-6	-0.33151	2.5472E-6
	-12.00000	50.00000	-8.50000	-3.6619	-8.9310	-54.560E-6	-0.34743	2.6694E-6
	-11.00000	50.00000	-8.50000	-3.8278	-8.9310	-59.290E-6	-0.36400	2.7966E-6
	-10.00000	50.00000	-8.50000	-3.9979	-8.9310	-64.367E-6	-0.38121	2.9287E-6
	-9.00000	50.00000	-8.50000	-4.1718	-8.9310	-69.796E-6	-0.39904	3.0656E-6
	-8.00000	50.00000	-8.50000	-4.3493	-8.9310	-75.575E-6	-0.41746	3.2070E-6
	-7.00000	50.00000	-8.50000	-4.5299	-8.9310	-81.697E-6	-0.43643	3.3526E-6
	-6.00000	50.00000	-8.50000	-4.7131	-8.9310	-88.148E-6	-0.45591	3.5021E-6
	-5.00000	50.00000	-8.50000	-4.8985	-8.9310	-94.906E-6	-0.47584	3.6550E-6
	-4.00000	50.00000	-8.50000	-5.0854	-8.9310	-101.94E-6	-0.49614	3.8108E-6
	-3.00000	50.00000	-8.50000	-5.2733	-8.9310	-109.22E-6	-0.51674	3.9690E-6
	-2.00000	50.00000	-8.50000	-5.4615	-8.9310	-116.71E-6	-0.53756	4.1287E-6
	-1.00000	50.00000	-8.50000	-5.6494	-8.9310	-124.35E-6	-0.55851	4.2895E-6
	0.00000	50.00000	-8.50000	-5.8361	-8.9310	-132.09E-6	-0.57949	4.4505E-6
	1.00000	50.00000	-8.50000	-6.0209	-8.9310	-139.90E-6	-0.60041	4.6110E-6
	2.00000	50.00000	-8.50000	-6.2032	-8.9310	-147.71E-6	-0.62117	4.7703E-6
	3.00000	50.00000	-8.50000	-6.3822	-8.9310	-155.48E-6	-0.64167	4.9276E-6
	4.00000	50.00000	-8.50000	-6.5572	-8.9310	-163.18E-6	-0.66182	5.0822E-6
	5.00000	50.00000	-8.50000	-6.7273	-8.9310	-170.77E-6	-0.68154	5.2335E-6
	6.00000	50.00000	-8.50000	-6.8921	-8.9310	-178.22E-6	-0.70075	5.3809E-6
	7.00000	50.00000	-8.50000	-7.0507	-8.9310	-185.51E-6	-0.71938	5.5239E-6
	8.00000	50.00000	-8.50000	-7.2026	-8.9310	-192.64E-6	-0.73736	5.6618E-6
	9.00000	50.00000	-8.50000	-7.3472	-8.9310	-199.61E-6	-0.75464	5.7943E-6
	10.00000	50.00000	-8.50000	-7.4839	-8.9310	-206.42E-6	-0.77115	5.9210E-6
	11.00000	50.00000	-8.50000	-7.6121	-8.9310	-213.08E-6	-0.78686	6.0416E-6
	12.00000	50.00000	-8.50000	-7.7314	-8.9310	-219.59E-6	-0.80173	6.1556E-6
	13.00000	50.00000	-8.50000	-7.8412	-8.9310	-225.98E-6	-0.81570	6.2627E-6
	14.00000	50.00000	-8.50000	-7.9410	-8.9310	-232.24E-6	-0.82872	6.3626E-6
	15.00000	50.00000	-8.50000	-8.0305	-8.9310	-238.36E-6	-0.84076	6.4549E-6
	16.00000	50.00000	-8.50000	-8.1091	-8.9310	-244.34E-6	-0.85174	6.5391E-6
	17.00000	50.00000	-8.50000	-8.1763	-8.9310	-250.14E-6	-0.86161	6.6147E-6
	18.00000	50.00000	-8.50000	-8.2318	-8.9310	-255.73E-6	-0.87029	6.6812E-6
	19.00000	50.00000	-8.50000	-8.2751	-8.9310	-261.02E-6	-0.87769	6.7378E-6
	20.00000	50.00000	-8.50000	-8.3057	-8.9310	-265.95E-6	-0.88372	6.7840E-6
	21.00000	50.00000	-8.50000	-8.3232	-8.9310	-270.41E-6	-0.88829	6.8189E-6
	22.00000	50.00000	-8.50000	-8.3273	-8.9310	-274.30E-6	-0.89129	6.8418E-6
	23.00000	50.00000	-8.50000	-8.3177	-8.9310	-277.50E-6	-0.89262	6.8519E-6
	24.00000	50.00000	-8.50000	-8.2940	-8.9310	-279.89E-6	-0.89218	6.8484E-6
	25.00000	50.00000	-8.50000	-8.2561	-8.9310	-281.36E-6	-0.88989	6.8307E-6
	26.00000	50.00000	-8.50000	-8.2038	-8.9310	-281.80E-6	-0.88567	6.7982E-6
	27.00000	50.00000	-8.50000	-8.1372	-8.9310	-281.13E-6	-0.87946	6.7505E-6
	28.00000	50.00000	-8.50000	-8.0563	-8.9310	-279.27E-6	-0.87123	6.6874E-6
	29.00000	50.00000	-8.50000	-7.9613	-8.9310	-276.18E-6	-0.86098	6.6086E-6
	30.00000	50.00000	-8.50000	-7.8526	-8.9310	-271.84E-6	-0.84872	6.5146E-6
	31.00000	50.00000	-8.50000	-7.7307	-8.9310	-266.26E-6	-0.83451	6.4055E-6
	32.00000	50.00000	-8.50000	-7.5961	-8.9310	-259.48E-6	-0.81842	6.2821E-6
	33.00000	50.00000	-8.50000	-7.4497	-8.9310	-251.55E-6	-0.80055	6.1451E-6
	34.00000	50.00000	-8.50000	-7.2922	-8.9310	-242.57E-6	-0.78106	5.9956E-6
	35.00000	50.00000	-8.50000	-7.1246	-8.9310	-232.66E-6	-0.76010	5.8348E-6
	36.00000	50.00000	-8.50000	-6.9480	-8.9310	-221.97E-6	-0.73785	5.6642E-6
	37.00000	50.00000	-8.50000	-6.7635	-8.9310	-210.65E-6	-0.71453	5.4854E-6
	38.00000	50.00000	-8.50000	-6.5722	-8.9310	-198.88E-6	-0.69034	5.2999E-6
	39.00000	50.00000	-8.50000	-6.3755	-8.9310	-186.83E-6	-0.66551	5.1095E-6
	40.00000	50.00000	-8.50000	-6.1744	-8.9310	-174.69E-6	-0.64025	4.9158E-6
	41.00000	50.00000	-8.50000	-5.9702	-8.9310	-162.61E-6	-0.61479	4.7206E-6
	42.00000	50.00000	-8.50000	-5.7641	-8.9310	-150.76E-6	-0.58933	4.5253E-6
	43.00000	50.00000	-8.50000	-5.5571	-8.9310	-139.26E-6	-0.56405	4.3314E-6
	44.00000	50.00000	-8.50000	-5.3503	-8.9310	-128.23E-6	-0.53911	4.1401E-6
	45.00000	50.00000	-8.50000	-5.1446	-8.9310	-117.73E-6	-0.51467	3.9526E-6
	46.00000	50.00000	-8.50000	-4.9410	-8.9310	-107.84E-6	-0.49083	3.7698E-6
	47.00000	50.00000	-8.50000	-4.7400	-8.9310	-98.586E-6	-0.46771	3.5924E-6
	48.00000	50.00000	-8.50000	-4.5426	-8.9310	-89.983E-6	-0.44537	3.4209E-6
	49.00000	50.00000	-8.50000	-4.3490	-8.9310	-82.032E-6	-0.42386	3.2559E-6
	50.00000	50.00000	-8.50000	-4.1600	-8.9310	-74.719E-6	-0.40323	3.0976E-6

Oasys
73-75 Avenue Road, NW8
Total Heave

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 09-Feb-2015	Checked

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Location Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	51.00000	50.00000	-8.50000	-3.9758	-8.9310	-68.018E-6	-0.38349	2.9461E-6
	52.00000	50.00000	-8.50000	-3.7967	-8.9310	-61.900E-6	-0.36465	2.8015E-6
	53.00000	50.00000	-8.50000	-3.6231	-8.9310	-56.329E-6	-0.34670	2.6637E-6
	54.00000	50.00000	-8.50000	-3.4550	-8.9310	-51.266E-6	-0.32964	2.5327E-6
	55.00000	50.00000	-8.50000	-3.2926	-8.9310	-46.672E-6	-0.31344	2.4083E-6
	56.00000	50.00000	-8.50000	-3.1359	-8.9310	-42.509E-6	-0.29807	2.2904E-6
	57.00000	50.00000	-8.50000	-2.9850	-8.9310	-38.741E-6	-0.28352	2.1786E-6
	58.00000	50.00000	-8.50000	-2.8398	-8.9310	-35.330E-6	-0.26973	2.0728E-6
	59.00000	50.00000	-8.50000	-2.7004	-8.9310	-32.244E-6	-0.25669	1.9726E-6
	60.00000	50.00000	-8.50000	-2.5665	-8.9310	-29.452E-6	-0.24436	1.8779E-6

Problem Type

Problem Type : Tunnelling and Embedded Wall Excavations

Displacement Data

Type	Name	Direction of extrusion	Point/Line/Line for extrusion						No. of intervals across extrusion/line	Extrusion depth	No. of intervals along extrusion	Calculate	Surface type for tunnels
			First point			Second point							
			X	Y	Z(level)	X	Y	Z(level)					
			[m]	[m]	[m]	[m]	[m]	[m]		[m]			
Line	Line 1	-	-8.50000	-6.00000	-1.00000	-10.00000	33.00000	-1.00000	19	-	-	Yes	Surface
Line	Line 2	-	-10.00000	33.00000	-1.00000	45.00000	33.00000	-1.00000	27	-	-	Yes	Surface
Line	Line 3	-	46.00000	29.00000	-1.00000	46.00000	16.00000	-1.00000	6	-	-	Yes	Surface
Line	Line 4	-	46.00000	13.00000	-1.00000	49.50000	-6.00000	-1.00000	9	-	-	Yes	Surface
Line	Line 5	-	-8.50000	-6.00000	-1.00000	49.50000	-6.00000	-1.00000	29	-	-	Yes	Surface
Line	Line 6	-	-10.00000	0.00000	-1.00000	-10.00000	12.00000	-1.00000	6	-	-	Yes	Surface
Line	Line 7	-	-15.00000	12.00000	-1.00000	-10.00000	12.00000	-1.00000	2	-	-	Yes	Surface
Line	Line 8	-	-15.00000	0.00000	-1.00000	-10.00000	0.00000	-1.00000	2	-	-	Yes	Surface
Line	Line 9	-	23.00000	33.00000	-1.00000	23.00000	36.00000	-1.00000	1	-	-	Yes	Surface
Line	Line 10	-	34.50000	33.00000	-1.00000	34.50000	36.00000	-1.00000	1	-	-	Yes	Surface
Line	Line 11	-	22.00000	36.00000	-1.00000	34.50000	36.00000	-1.00000	6	-	-	Yes	Surface
Line	Line 12	-	22.00000	36.00000	-1.00000	22.00000	45.00000	-1.00000	4	-	-	Yes	Surface
Line	Line 13	-	33.00000	36.00000	-1.00000	33.00000	39.00000	-1.00000	1	-	-	Yes	Surface
Line	Line 14	-	33.00000	39.00000	-1.00000	36.00000	39.00000	-1.00000	1	-	-	Yes	Surface
Line	Line 15	-	36.00000	39.00000	-1.00000	36.00000	45.00000	-1.00000	3	-	-	Yes	Surface

Vertical Ground Movement Curves

Curve Name: **No vertical ground movement**
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.000][1.000,0.000,0.000][0.000,1.000,0.000][1.000,1.000,0.000]
Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
Polynomial: z = 0.0x + 0.0
Coeff. of Determination: -2147483648.E+2147483647

Curve Name: **Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))**
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.040][2.000,0.000,0.000]
Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
Polynomial: z = -2.0E-2x + 4.0E-2
Coeff. of Determination: 1.0

Curve Name: **Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b)**
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.039][0.100,0.000,0.049][0.200,0.000,0.056][0.300,0.000,0.062]
[0.400,0.000,0.067][0.500,0.000,0.070][0.600,0.000,0.072][0.700,0.000,0.073]
[0.800,0.000,0.073][0.900,0.000,0.072][1.000,0.000,0.070][1.100,0.000,0.068]
[1.200,0.000,0.065][1.300,0.000,0.061][1.400,0.000,0.058][1.500,0.000,0.054]
[1.600,0.000,0.050][1.700,0.000,0.046][1.800,0.000,0.042][1.900,0.000,0.038]
[2.000,0.000,0.034][2.100,0.000,0.030][2.200,0.000,0.027][2.300,0.000,0.023]
[2.400,0.000,0.020][2.500,0.000,0.017][2.600,0.000,0.014][2.700,0.000,0.012]
[2.800,0.000,0.010][2.900,0.000,0.008][3.000,0.000,0.007][3.100,0.000,0.005]
[3.200,0.000,0.004][3.300,0.000,0.004][3.400,0.000,0.003][3.500,0.000,0.002]
[3.600,0.000,0.002][3.700,0.000,0.002][3.800,0.000,0.001][3.900,0.000,0.001]
[4.000,0.000,0.000]
Curve Fitting Method: Polynomial
x Order: 4
y Order: 0
Polynomial: z = $-2.6455E-3x^4 + 2.8495E-2x^3 - 1.0051E-1x^2 + 1.0569E-1x + 3.8990E-2$
Coeff. of Determination: 9.9991E-1

Horizontal Ground Movement Curves

Curve Name: **No horizontal ground movement**
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.000][1.000,0.000,0.000][0.000,1.000,0.000][1.000,1.000,0.000]
Curve Fitting Method: Polynomial
x Order: 0
y Order: 0
Polynomial: z = 0.0
Coeff. of Determination: -2147483648.E+2147483647

Curve Name: **Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))**
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.041][0.050,0.000,0.039][0.100,0.000,0.036][0.150,0.000,0.034]
[0.200,0.000,0.032][0.250,0.000,0.030][0.300,0.000,0.029][0.350,0.000,0.027]
[0.400,0.000,0.025][0.450,0.000,0.023][0.500,0.000,0.022][0.550,0.000,0.020]
[0.600,0.000,0.019][0.650,0.000,0.018][0.700,0.000,0.016][0.750,0.000,0.015]
[0.800,0.000,0.014][0.850,0.000,0.013][0.900,0.000,0.012][0.950,0.000,0.010]
[1.000,0.000,0.009][1.050,0.000,0.008][1.100,0.000,0.007][1.150,0.000,0.006]
[1.200,0.000,0.005][1.250,0.000,0.004][1.300,0.000,0.004][1.350,0.000,0.003]
[1.400,0.000,0.002][1.450,0.000,0.001][1.500,0.000,0.000]
Curve Fitting Method: Polynomial
x Order: 3
y Order: 0
Polynomial: z = $-4.2486E-3x^3 + 1.9096E-2x^2 - 4.6221E-2x + 4.0729E-2$
Coeff. of Determination: 1.0000

Curve Name: **Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))**
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.150][4.000,0.000,0.000]
Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
Polynomial: z = -3.75E-2x + 1.50E-1
Coeff. of Determination: 1.00

Polygonal Excavations

Excavation Name: **No 73 (Area 1)**

Oasys
73-75 Avenue Road
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 18-Mar-2016	Checked

Type	Name	Direction of extrusion	Point/Line/Line for extrusion	No. of intervals across extrusion/line	Extrusion depth	No. of intervals along extrusion	Calculate	Surface type for tunnels

Surface level [m]: 0.0
Contribution: Positive
Enabled: Yes
Surface movement curves which are selected are applied between surface and [m]: -12.000

Corner	x	y	Base Level	Stiffened	Previous Side d	Previous Side p1	Previous Side p2*	Next Side d	Next Side p1	Next Side p2*
	[m]	[m]	[m]		[m]	[%]	[%]	[m]	[%]	[%]
1	2.0000	0.0	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	38.000	0.0	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	38.000	16.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	2.0000	16.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1 x	Corner 1 y	Corner 2 x	Corner 2 y	Ground Movement Curve: Vertical	Ground Movement Curve: Horizontal
	[m]	[m]	[m]	[m]		
1	2.0000	0.0	38.000	0.0	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b)	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))
2	38.000	0.0	38.000	16.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b)	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))
3	38.000	16.000	2.0000	16.000	No vertical ground movement	No horizontal ground movement
4	2.0000	16.000	2.0000	0.0	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b)	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))

Excavation Name: **No 75 (Area 2)**
Surface level [m]: 0.0
Contribution: Positive
Enabled: Yes
Surface movement curves which are selected are applied between surface and [m]: -12.000

Corner	x	y	Base Level	Stiffened	Previous Side d	Previous Side p1	Previous Side p2*	Next Side d	Next Side p1	Next Side p2*
	[m]	[m]	[m]		[m]	[%]	[%]	[m]	[%]	[%]
1	0.0	16.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	22.000	16.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	22.000	29.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	0.0	29.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1 x	Corner 1 y	Corner 2 x	Corner 2 y	Ground Movement Curve: Vertical	Ground Movement Curve: Horizontal
	[m]	[m]	[m]	[m]		
1	0.0	16.000	22.000	16.000	No vertical ground movement	No horizontal ground movement
2	22.000	16.000	22.000	29.000	No vertical ground movement	No horizontal ground movement
3	22.000	29.000	0.0	29.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b)	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))
4	0.0	29.000	0.0	16.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b)	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))

Excavation Name: **No 75 (Area 3)**
Surface level [m]: 0.0
Contribution: Positive
Enabled: Yes
Surface movement curves which are selected are applied between surface and [m]: -12.000

Corner	x	y	Base Level	Stiffened	Previous Side d	Previous Side p1	Previous Side p2*	Next Side d	Next Side p1	Next Side p2*
	[m]	[m]	[m]		[m]	[%]	[%]	[m]	[%]	[%]
1	22.000	16.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	38.000	16.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	38.000	32.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	0.0	29.000	-8.5000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1 x	Corner 1 y	Corner 2 x	Corner 2 y	Ground Movement Curve: Vertical	Ground Movement Curve: Horizontal
	[m]	[m]	[m]	[m]		
1	22.000	16.000	38.000	16.000	No vertical ground movement	No horizontal ground movement
2	38.000	16.000	38.000	32.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b)	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))
3	38.000	32.000	0.0	29.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b)	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))
4	0.0	29.000	22.000	16.000	No vertical ground movement	No horizontal ground movement

Excavation Name: **No 73 (Area 1) - Pile Installation**
Surface level [m]: 0.0
Contribution: Positive
Enabled: Yes
Surface movement curves which are selected are applied between surface and [m]: -12.000

Corner	x	y	Base Level	Stiffened	Previous Side d	Previous Side p1	Previous Side p2*	Next Side d	Next Side p1	Next Side p2*
	[m]	[m]	[m]		[m]	[%]	[%]	[m]	[%]	[%]
1	2.0000	0.0	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	38.000	0.0	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	38.000	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	2.0000	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1 x	Corner 1 y	Corner 2 x	Corner 2 y	Ground Movement Curve: Vertical	Ground Movement Curve: Horizontal
	[m]	[m]	[m]	[m]		
1	2.0000	0.0	38.000	0.0	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))
2	38.000	0.0	38.000	16.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))
3	38.000	16.000	2.0000	16.000	No vertical ground movement	No horizontal ground movement
4	2.0000	16.000	2.0000	0.0	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))

Excavation Name: **No 75 (Area 2) - Pile Installation**
Surface level [m]: 0.0
Contribution: Positive
Enabled: Yes
Surface movement curves which are selected are applied between surface and [m]: -12.000

Corner	x	y	Base Level	Stiffened	Previous Side d	Previous Side p1	Previous Side p2*	Next Side d	Next Side p1	Next Side p2*
	[m]	[m]	[m]		[m]	[%]	[%]	[m]	[%]	[%]
1	0.0	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	22.000	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	22.000	29.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	0.0	29.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1 x	Corner 1 y	Corner 2 x	Corner 2 y	Ground Movement Curve: Vertical	Ground Movement Curve: Horizontal
	[m]	[m]	[m]	[m]		
1	0.0	16.000	22.000	16.000	No vertical ground movement	No horizontal ground movement

Side	Corner 1 x [m]	Corner 1 y [m]	Corner 2 x [m]	Corner 2 y [m]	Ground Movement Curve Vertical	Ground Movement Curve Horizontal
2	22.000	16.000	22.000	29.000	No vertical ground movement	No horizontal ground movement
3	22.000	29.000	0.0	29.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))
4	0.0	29.000	0.0	16.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))

Excavation Name: No 75 (Area 3) - Pile Installation
Surface level [m]: 0.0
Contribution: Positive
Enabled: Yes
Surface movement curves which are selected are applied between surface and [m]: -12.000

Corner	x [m]	y [m]	Base Level [m]	Stiffened	Previous Side d [m]	Previous Side p1 [%]	Previous Side p2* [%]	Next Side d [m]	Next Side p1 [%]	Next Side p2* [%]
1	22.000	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	38.000	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	38.000	32.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	22.000	32.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1 x [m]	Corner 1 y [m]	Corner 2 x [m]	Corner 2 y [m]	Ground Movement Curve Vertical	Ground Movement Curve Horizontal
1	22.000	16.000	38.000	16.000	No vertical ground movement	No horizontal ground movement
2	38.000	16.000	38.000	32.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))
3	38.000	32.000	22.000	32.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))
4	22.000	32.000	22.000	16.000	No vertical ground movement	No horizontal ground movement

Damage Category Strains

Name	0 (Negligible) to 1 (Very Slight)	1 (Very Slight) to 2 (Slight)	2 (Slight) to 3 (Moderate)	3 (Moderate) to 4 (Severe)
Burland Strain Limits	0.0	500.00E-6	750.00E-6	0.0015000

Specific Structures - Geometry

Structure Name	Sub-Structure Name	Displacement Line	Start Distance Along Line [m]	End Distance Along Line [m]	Vertical Offsets from Line for Vertical Movement Calculations [m]	Vertical Displacement Limit Sensitivity [mm]	Damage Category Strains	Poisson's Ratio	E/G
Western Boundary Wall	Boundary Wall (1)	Line 1	0.00000	39.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
Northern Boundary Wall	Boundary Wall (2)	Line 2	0.00000	55.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
Eastern Boundary Wall	Boundary Wall (3)	Line 3	0.00000	13.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
Eastern Boundary Wall	Boundary Wall (4)	Line 4	0.00000	19.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
Southern Boundary Wall	Boundary Wall (5)	Line 5	0.00000	58.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
38 Queens Grove	Eastern elevation (6)	Line 6	0.00000	12.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
38 Queens Grove	Northern elevation (7)	Line 7	0.00000	5.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
38 Queens Grove	Southern elevation (8)	Line 8	0.00000	5.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Extension - South (9)	Line 2	33.00000	44.50000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Extension - West (10)	Line 9	0.00000	3.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Extension - East (11)	Line 10	0.00000	3.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Southern elevation (12)	Line 11	0.00000	12.50000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Western elevation (13)	Line 12	0.00000	9.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Eastern elevation - lower (14)	Line 13	0.00000	3.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Eastern elevation - mid (15)	Line 14	0.00000	3.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road	Eastern elevation - upper (16)	Line 15	0.00000	5.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000

Specific Structures - Bending Parameters

Structure Name	Sub-Structure Name	Height [m]	Default Properties	Hogging 2nd Moment of Area (per unit width) [m³]	Hogging Distance of Bending Strain from N.A. [m]	Hogging Distance of N.A. from Edge of Beam in Tension [m]	Sagging 2nd Moment of Area (per unit width) [m³]	Sagging Distance of Bending Strain from N.A. [m]	Sagging Distance of N.A. from Edge of Beam in Tension [m]
Western Boundary Wall	Boundary Wall (1)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
Northern Boundary Wall	Boundary Wall (2)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
Eastern Boundary Wall	Boundary Wall (3)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
Eastern Boundary Wall	Boundary Wall (4)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
Southern Boundary Wall	Boundary Wall (5)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
38 Queens Grove	Eastern elevation (6)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
38 Queens Grove	Northern elevation (7)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
38 Queens Grove	Southern elevation (8)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
77 Avenue Road	Extension - South (9)	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000
77 Avenue Road	Extension - West (10)	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000
77 Avenue Road	Extension - East (11)	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000
77 Avenue Road	Southern elevation (12)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
77 Avenue Road	Western elevation (13)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
77 Avenue Road	Eastern elevation - lower (14)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
77 Avenue Road	Eastern elevation - mid (15)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
77 Avenue Road	Eastern elevation - upper (16)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000

Oasys
73-75 Avenue Road
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 18-Mar-2016	Checked

Structure Name	Sub-Structure Name	Height [m]	Default Properties	Hogging 2nd Moment of Area	Hogging Distance of Bending	Hogging Distance of N.A.	Sagging 2nd Moment of Area	Sagging Distance of Bending	Sagging Distance of N.A.

Building Segment Combinations

Structure Name	Sub-Structure Name	Vertical Offset from Line for Vertical Movement Calculations [m]	Segment	Start [m]	Length [m]	Curvature	Combined Segment

No structures have segments combined.

Warnings

1 Multiple excavations have been specified. The displacements resulting from these excavations are calculated by summing the displacements resulting from each individual excavation. No account has been taken of the interactions between excavations (e.g. overlapping zones of influence or 'shielding' of one excavation by another).
2 Embedded Wall Excavation PE1 : No 73 (Area 1) intersects PE2 : No 75 (Area 2), , PE3 : No 75 (Area 3), , PE5 : No 75 (Area 2) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.
3 Embedded Wall Excavation PE2 : No 75 (Area 2) intersects PE1 : No 73 (Area 1), , PE3 : No 75 (Area 3), , PE4 : No 73 (Area 1) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.
4 Embedded Wall Excavation PE3 : No 75 (Area 3) intersects PE1 : No 73 (Area 1), , PE2 : No 75 (Area 2), , PE4 : No 73 (Area 1) - Pile Installation, , PE5 : No 75 (Area 2) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.
5 Embedded Wall Excavation PE4 : No 73 (Area 1) - Pile Installation intersects PE2 : No 75 (Area 2), , PE3 : No 75 (Area 3), , PE5 : No 75 (Area 2) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.
6 Embedded Wall Excavation PE5 : No 75 (Area 2) - Pile Installation intersects PE1 : No 73 (Area 1), , PE3 : No 75 (Area 3), , PE4 : No 73 (Area 1) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.
7 Embedded Wall Excavation PE6 : No 75 (Area 3) - Pile Installation intersects PE1 : No 73 (Area 1), , PE2 : No 75 (Area 2), , PE3 : No 75 (Area 3), , PE4 : No 73 (Area 1) - Pile Installation, and PE5 : No 75 (Area 2) - Pile Installation.

Displacement and Strain Results

Type/No. Name	Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements x [mm]	y [mm]	z [mm]	Horizontal dispalcement along the Line [mm]	Horizontal displacement perpendicular to Line [mm]	Angle of Line to x Axis [°]
Line 1	Line 1	-8.50000	-6.00000	-1.00000	4.6767	3.0056	4.1495	2.8236	-4.7888	92.203
	2.0541	-8.57895	-3.94737	-1.00000	5.6708	2.5753	4.7882	2.3555	-5.7656	92.203
	4.1083	-8.65789	-1.89474	-1.00000	6.5929	1.7970	5.4052	1.5423	-6.6571	92.203
	6.1624	-8.73684	0.15789	-1.00000	10.580	0.83805	8.5792	0.43081	-10.604	92.203
	8.2166	-8.81579	2.21053	-1.00000	10.744	1.0533	8.7955	0.63955	-10.777	92.203
	10.271	-8.89474	4.26316	-1.00000	10.998	1.2861	9.0769	0.86241	-11.039	92.203
	12.325	-8.97368	6.31579	-1.00000	11.380	1.5144	9.4322	1.0759	-11.430	92.203
	14.379	-9.05263	8.36842	-1.00000	12.068	1.8025	10.004	1.3374	-12.128	92.203
	16.433	-9.13158	10.42105	-1.00000	13.142	1.9914	10.798	1.4848	-13.209	92.203
	18.487	-9.21053	12.47368	-1.00000	14.553	1.8059	11.741	1.2453	-14.612	92.203
	20.541	-9.28947	14.52632	-1.00000	16.121	1.0180	12.774	0.39763	-16.148	92.203
	22.596	-9.36842	16.57895	-1.00000	17.233	-0.27035	13.617	-0.93248	-17.210	92.203
	24.650	-9.44737	18.63158	-1.00000	16.075	-1.0838	12.788	-1.7008	-16.022	92.203
	26.704	-9.52632	20.68421	-1.00000	14.915	-1.4614	11.978	-2.0335	-14.847	92.203
	28.758	-9.60526	22.73684	-1.00000	13.929	-1.5063	11.254	-2.0406	-13.861	92.203
	30.812	-9.68421	24.78947	-1.00000	13.190	-1.3699	10.649	-1.8759	-13.128	92.203
	32.866	-9.76316	26.84211	-1.00000	12.682	-1.1866	10.169	-1.6732	-12.627	92.203
	34.921	-9.84211	28.89474	-1.00000	12.378	-1.0851	9.8384	-1.5600	-12.327	92.203
	36.975	-9.92105	30.94737	-1.00000	8.0475	-2.3682	6.4098	-2.6757	-7.9506	92.203
	39.029	-10.00000	33.00000	-1.00000	7.0163	-3.3740	5.7431	-3.6411	-6.8815	92.203
Line 2	Line 2	-7.50000	33.00000	-1.00000	7.0163	-3.3740	5.7431	7.0163	-3.3740	0.0
	2.0370	-7.96296	33.00000	-1.00000	7.2494	-4.1922	6.2743	7.2494	-4.1922	0.0
	4.0741	-5.92593	33.00000	-1.00000	7.0909	-5.2794	6.5056	7.0909	-5.2794	0.0
	6.1111	-3.88889	33.00000	-1.00000	6.1860	-6.7507	6.4121	6.1860	-6.7507	0.0
	8.1481	-1.85185	33.00000	-1.00000	4.5475	-10.046	7.2906	4.5475	-10.046	0.0
	10.185	0.18519	33.00000	-1.00000	0.90956	-25.968	15.924	0.90956	-25.968	0.0
	12.222	2.22222	33.00000	-1.00000	0.89093	-25.809	15.739	0.89093	-25.809	0.0
	14.259	4.25926	33.00000	-1.00000	0.89644	-25.869	15.695	0.89644	-25.869	0.0
	16.296	6.29630	33.00000	-1.00000	0.90858	-25.930	15.649	0.90858	-25.930	0.0
	18.333	8.33333	33.00000	-1.00000	0.92327	-25.991	15.603	0.92327	-25.991	0.0
	20.370	10.37037	33.00000	-1.00000	0.94226	-26.052	15.557	0.94226	-26.052	0.0
	22.407	12.40741	33.00000	-1.00000	0.96869	-26.115	15.515	0.96869	-26.115	0.0
	24.444	14.44444	33.00000	-1.00000	1.0089	-26.181	15.483	1.0089	-26.181	0.0
	26.481	16.48148	33.00000	-1.00000	1.0781	-26.257	15.478	1.0781	-26.257	0.0
	28.519	18.51852	33.00000	-1.00000	1.2204	-26.373	15.548	1.2204	-26.373	0.0
	30.556	20.55556	33.00000	-1.00000	1.5869	-26.801	15.955	1.5869	-26.801	0.0
	32.593	22.59259	33.00000	-1.00000	-0.31771	-24.803	15.565	-0.31771	-24.803	0.0
	34.630	24.62963	33.00000	-1.00000	-1.8105	-20.574	13.177	-1.8105	-20.574	0.0
	36.667	26.66667	33.00000	-1.00000	-1.2828	-18.357	11.718	-1.2828	-18.357	0.0
	38.704	28.70370	33.00000	-1.00000	-0.80211	-17.552	11.003	-0.80211	-17.552	0.0
	40.741	30.74074	33.00000	-1.00000	-0.38419	-17.179	10.465	-0.38419	-17.179	0.0
	42.778	32.77778	33.00000	-1.00000	-0.063364	-17.006	10.036	-0.063364	-17.006	0.0
	44.815	34.81481	33.00000	-1.00000	0.18041	-16.930	9.6776	0.18041	-16.930	0.0
	46.852	36.85185	33.00000	-1.00000	0.36884	-16.907	9.3691	0.36884	-16.907	0.0
	48.889	38.88889	33.00000	-1.00000	-5.8227	-6.2460	4.8635	-5.8227	-6.2460	0.0
	50.926	40.92593	33.00000	-1.00000	-8.7287	-3.2596	6.1070	-8.7287	-3.2596	0.0
	52.963	42.96296	33.00000	-1.00000	-8.5845	-2.2302	6.4969	-8.5845	-2.2302	0.0
	55.000	45.00000	33.00000	-1.00000	-8.0394	-1.7888	6.4069	-8.0394	-1.7888	0.0
Line 3	Line 3	46.00000	29.00000	-1.00000	-12.499	-1.1241	10.181	1.1241	-12.499	270.00
	2.1667	46.00000	26.83333	-1.00000	-12.833	-1.3890	10.546	1.3890	-12.833	270.00
	4.3333	46.00000	24.66667	-1.00000	-13.335	-1.6550	11.003	1.6550	-13.335	270.00
	6.5000	46.00000	22.50000	-1.00000	-14.264	-1.9963	11.752	1.9963	-14.264	270.00
	8.6667	46.00000	20.33333	-1.00000	-15.761	-2.1416	12.804	2.1416	-15.761	270.00
	10.833	46.00000	18.16667	-1.00000	-17.737	-1.6061	14.074	1.6061	-17.737	270.00
	13.000	46.00000	16.00000	-1.00000	-15.822	0.0	12.388	0.0	-15.822	270.00
Line 4	Line 4	46.00000	13.00000	-1.00000	-16.939	1.9243	13.565	-4.9611	-16.310	280.44
	2.1466	46.38889	10.88889	-1.00000	-14.998	2.0949	12.289	-4.7774	-14.371	280.44
	4.2933	46.77778	8.77778	-1.00000	-13.586	1.8685	11.246	-4.2989	-13.023	280.44
	6.4399	47.16667	6.66667	-1.00000	-12.588	1.5424	10.412	-3.7973	-12.100	280.44
	8.5865	47.55556	4.55556	-1.00000	-11.928	1.3114	9.8167	-3.4506	-11.493	280.44
	10.733	47.94444	2.44444	-1.00000	-11.389	1.0815	9.2862	-3.1269	-11.004	280.44
	12.880	48.33333	0.33333	-1.00000	-10.944	0.88500	8.8117	-2.8529	-10.602	280.44
	15.026	48.72222	-1.77778	-1.00000	-6.7263	1.7762	5.4114	-2.9654	-6.2933	280.44
	17.173	49.11111	-3.88889	-1.00000	-5.6902	2.4707	4.6424	-3.4606	-5.1484	280.44
	19.320	49.50000	-6.00000	-1.00000	-4.6653	2.7741	3.9057	-3.5734	-4.0856	280.44
Line 5	Line 5	-8.50000	-6.00000	-1.00000	4.6767	3.0056	4.1495	4.6767	3.0056	0.0
	2.0000	-6.50000	-6.00000	-1.00000	4.6333	3.5585	4.4978	4.6333	3.5585	0.0
	4.0000	-4.50000	-6.00000	-1.00000	4.2690	4.1615	4.6235	4.2690	4.1615	0.0
	6.0000	-2.50000	-6.00000	-1.00000	3.8803	5.3088	5.0548	3.8803	5.3088	0.0
	8.0000	-0.50000	-6.00000	-1.00000	2.8756	6.9321	5.6788	2.8756	6.9321	0.0
	10.000	1.50000	-6.00000	-1.00000	0.70981	8.5178	6.3840	0.70981	8.5178	0.0
	12.000	3.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	14.000	5.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	16.000	7.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	18.000	9.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	20.000	11.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	22.000	13.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	24.000	15.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	26.000	17.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	28.000	19.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	30.000	21.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	32.000	23.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	34.000	25.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	36.000	27.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	38.000	29.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	40.000	31.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	42.000	33.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	44.000	35.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	46.000	37.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0
	48.000	39.50000	-6.00000	-1.00000	-1.9517	7.8772	6.0574	-1.9517	7.8772	0.0

Type/No. Name	Dist.	Coordinates x	y	z	Displacements x	y	z	Horizontal displacement	Horizontal displacement	Angle of Line to x Axis
	50.000	41.50000	-6.00000	-1.00000	-3.5322	6.2137	5.4013	-3.5322	6.2137	0.0
	52.000	43.50000	-6.00000	-1.00000	-4.1139	4.7215	4.7876	-4.1139	4.7215	0.0
	54.000	45.50000	-6.00000	-1.00000	-4.5560	3.9352	4.6028	-4.5560	3.9352	0.0
	56.000	47.50000	-6.00000	-1.00000	-4.7445	3.3226	4.3383	-4.7445	3.3226	0.0
	58.000	49.50000	-6.00000	-1.00000	-4.6653	2.7741	3.9057	-4.6653	2.7741	0.0
Line 6	Line 6	-10.00000	0.00000	-1.00000	6.8144	0.85561	5.4583	0.85561	-6.8144	90.000
	2.0000	-10.00000	2.00000	-1.00000	10.112	1.0348	8.1150	1.0348	-10.112	90.000
	4.0000	-10.00000	4.00000	-1.00000	10.409	1.2432	8.4235	1.2432	-10.409	90.000
	6.0000	-10.00000	6.00000	-1.00000	10.813	1.4400	8.7962	1.4400	-10.813	90.000
	8.0000	-10.00000	8.00000	-1.00000	11.523	1.7201	9.4010	1.7201	-11.523	90.000
	10.000	-10.00000	10.00000	-1.00000	12.499	1.8760	10.144	1.8760	-12.499	90.000
	12.000	-10.00000	12.00000	-1.00000	13.746	1.7495	11.013	1.7495	-13.746	90.000
Line 7	Line 7	-15.00000	12.00000	-1.00000	10.375	1.0544	7.0498	10.375	1.0544	0.0
	2.5000	-12.50000	12.00000	-1.00000	12.157	1.3712	9.1545	12.157	1.3712	0.0
	5.0000	-10.00000	12.00000	-1.00000	13.746	1.7495	11.013	13.746	1.7495	0.0
Line 8	Line 8	-15.00000	0.00000	-1.00000	5.1334	0.79151	3.2740	5.1334	0.79151	0.0
	2.5000	-12.50000	0.00000	-1.00000	5.9901	0.85440	4.4039	5.9901	0.85440	0.0
	5.0000	-10.00000	0.00000	-1.00000	6.8144	0.85561	5.4583	6.8144	0.85561	0.0
Line 9	Line 9	23.00000	33.00000	-1.00000	-0.94788	-23.886	15.031	-23.886	0.94788	90.000
	3.0000	23.00000	36.00000	-1.00000	-0.19168	-21.351	15.805	-21.351	0.19168	90.000
Line 10	Line 10	34.50000	33.00000	-1.00000	0.14683	-16.938	9.7293	-16.938	-0.14683	90.000
	3.0000	34.50000	36.00000	-1.00000	-0.26249	-15.030	10.922	-15.030	0.26249	90.000
Line 11	Line 11	22.00000	36.00000	-1.00000	0.84860	-21.288	15.232	0.84860	-21.288	0.0
	2.0833	24.08333	36.00000	-1.00000	-0.94823	-20.138	15.005	-0.94823	-20.138	0.0
	4.1667	26.16667	36.00000	-1.00000	-1.4357	-18.000	13.615	-1.4357	-18.000	0.0
	6.2500	28.25000	36.00000	-1.00000	-1.1785	-16.494	12.497	-1.1785	-16.494	0.0
	8.3333	30.33333	36.00000	-1.00000	-0.84007	-15.703	11.797	-0.84007	-15.703	0.0
	10.417	32.41667	36.00000	-1.00000	-0.54247	-15.281	11.315	-0.54247	-15.281	0.0
	12.500	34.50000	36.00000	-1.00000	-0.26249	-15.030	10.922	-0.26249	-15.030	0.0
Line 12	Line 12	22.00000	36.00000	-1.00000	0.84860	-21.288	15.232	-21.288	-0.84860	90.000
	2.2500	22.00000	38.25000	-1.00000	0.78241	-19.002	14.346	-19.002	-0.78241	90.000
	4.5000	22.00000	40.50000	-1.00000	0.71621	-16.839	12.803	-16.839	-0.71621	90.000
	6.7500	22.00000	42.75000	-1.00000	0.65001	-14.772	10.867	-14.772	-0.65001	90.000
	9.0000	22.00000	45.00000	-1.00000	0.58381	-12.773	8.7610	-12.773	-0.58381	90.000
Line 13	Line 13	33.00000	36.00000	-1.00000	-0.46101	-15.197	11.196	-15.197	0.46101	90.000
	3.0000	33.00000	39.00000	-1.00000	-0.55896	-13.508	10.842	-13.508	0.55896	90.000
Line 14	Line 14	33.00000	39.00000	-1.00000	-0.55896	-13.508	10.842	-0.55896	-13.508	0.0
	3.0000	36.00000	39.00000	-1.00000	-0.24198	-13.113	10.379	-0.24198	-13.113	0.0
Line 15	Line 15	36.00000	39.00000	-1.00000	-0.24198	-13.113	10.379	-13.113	0.24198	90.000
	2.0000	36.00000	41.00000	-1.00000	-0.26535	-11.956	9.5899	-11.956	0.26535	90.000
	4.0000	36.00000	43.00000	-1.00000	-0.26623	-10.830	8.4890	-10.830	0.26623	90.000
	6.0000	36.00000	45.00000	-1.00000	-0.28215	-9.7535	7.2262	-9.7535	0.28215	90.000

Specific Building Damage Results - Horizontal Displacements

Structure: Western Boundary Wall | Sub-structure: Boundary Wall (1)

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-8.50000	-6.00000	-1.00000	4.6767	3.0056	2.8236	-4.7888
2.0541	-8.57895	-3.94737	-1.00000	5.6708	2.5753	2.3555	-5.7656
4.1083	-8.65789	-1.89474	-1.00000	6.5929	1.7970	1.5423	-6.6571
6.1624	-8.73684	0.15789	-1.00000	10.580	0.83805	0.43081	-10.604
8.2166	-8.81579	2.21053	-1.00000	10.744	1.0533	0.63955	-10.777
10.271	-8.89474	4.26316	-1.00000	10.998	1.2861	0.86241	-11.039
12.325	-8.97368	6.31579	-1.00000	11.380	1.5144	1.0759	-11.430
14.379	-9.05263	8.36842	-1.00000	12.068	1.8025	1.3374	-12.128
16.433	-9.13158	10.42105	-1.00000	13.142	1.9914	1.4848	-13.209
18.487	-9.21053	12.47368	-1.00000	14.553	1.8059	1.2453	-14.612
20.541	-9.28947	14.52632	-1.00000	16.121	1.0180	0.39763	-16.148
22.596	-9.36842	16.57895	-1.00000	17.233	-0.27035	-0.93248	-17.210
24.650	-9.44737	18.63158	-1.00000	16.075	-1.0838	-1.7008	-16.022
26.704	-9.52632	20.68421	-1.00000	14.915	-1.4614	-2.0335	-14.847
28.758	-9.60526	22.73684	-1.00000	13.929	-1.5063	-2.0406	-13.861
30.812	-9.68421	24.78947	-1.00000	13.190	-1.3699	-1.8759	-13.128
32.866	-9.76316	26.84211	-1.00000	12.682	-1.1866	-1.6732	-12.627
34.921	-9.84211	28.89474	-1.00000	12.378	-1.0851	-1.5600	-12.327
36.975	-9.92105	30.94737	-1.00000	8.0475	-2.3682	-2.6757	-7.9506
39.029	-10.00000	33.00000	-1.00000	7.0163	-3.3740	-3.6411	-6.8815

Structure: Northern Boundary Wall | Sub-structure: Boundary Wall (2)

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-10.00000	33.00000	-1.00000	7.0163	-3.3740	7.0163	-3.3740
2.0370	-7.96296	33.00000	-1.00000	7.2494	-4.1922	7.2494	-4.1922
4.0741	-5.92593	33.00000	-1.00000	7.0909	-5.2794	7.0909	-5.2794
6.1111	-3.88889	33.00000	-1.00000	6.1860	-6.7507	6.1860	-6.7507
8.1481	-1.85185	33.00000	-1.00000	4.5475	-10.046	4.5475	-10.046
10.185	0.18519	33.00000	-1.00000	0.90956	-25.968	0.90956	-25.968
12.222	2.22222	33.00000	-1.00000	0.89093	-25.809	0.89093	-25.809
14.259	4.25926	33.00000	-1.00000	0.89644	-25.869	0.89644	-25.869
16.296	6.29630	33.00000	-1.00000	0.90858	-25.930	0.90858	-25.930
18.333	8.33333	33.00000	-1.00000	0.92327	-25.991	0.92327	-25.991
20.370	10.37037	33.00000	-1.00000	0.94226	-26.052	0.94226	-26.052
22.407	12.40741	33.00000	-1.00000	0.96869	-26.115	0.96869	-26.115
24.444	14.44444	33.00000	-1.00000	1.0089	-26.181	1.0089	-26.181
26.481	16.48148	33.00000	-1.00000	1.0781	-26.257	1.0781	-26.257
28.519	18.51852	33.00000	-1.00000	1.2204	-26.373	1.2204	-26.373
30.556	20.55556	33.00000	-1.00000	1.5869	-26.801	1.5869	-26.801
32.593	22.59259	33.00000	-1.00000	-0.31771	-24.803	-0.31771	-24.803
34.630	24.62963	33.00000	-1.00000	-1.8105	-20.574	-1.8105	-20.574
36.667	26.66667	33.00000	-1.00000	-1.2828	-18.357	-1.2828	-18.357
38.704	28.70370	33.00000	-1.00000	-0.80211	-17.552	-0.80211	-17.552
40.741	30.74074	33.00000	-1.00000	-0.38419	-17.179	-0.38419	-17.179
42.778	32.77778	33.00000	-1.00000	-0.063364	-17.006	-0.063364	-17.006
44.815	34.81481	33.00000	-1.00000	0.18041	-16.930	0.18041	-16.930
46.852	36.85185	33.00000	-1.00000	0.36884	-16.907	0.36884	-16.907
48.889	38.88889	33.00000	-1.00000	-5.8227	-6.2460	-5.8227	-6.2460
50.926	40.92593	33.00000	-1.00000	-8.7287	-3.2596	-8.7287	-3.2596
52.963	42.96296	33.00000	-1.00000	-8.5845	-2.2302	-8.5845	-2.2302
55.000	45.00000	33.00000	-1.00000	-8.0394	-1.7888	-8.0394	-1.7888

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (3)

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	46.00000	29.00000	-1.00000	-12.499	-1.1241	1.1241	-12.499
2.1667	46.00000	26.83333	-1.00000	-12.833	-1.3890	1.3890	-12.833
4.3333	46.00000	24.66667	-1.00000	-13.335	-1.6550	1.6550	-13.335
6.5000	46.00000	22.50000	-1.00000	-14.264	-1.9963	1.9963	-14.264
8.6667	46.00000	20.33333	-1.00000	-15.761	-2.1416	2.1416	-15.761
10.833	46.00000	18.16667	-1.00000	-17.737	-1.6061	1.6061	-17.737
13.000	46.00000	16.00000	-1.00000	-15.822	0.0	0.0	-15.822

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (4)

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the	Horizontal displacement perpendicular

Oasys
73-75 Avenue Road
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 18-Mar-2016	Checked

Line	Line	to Line
[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
0.0	46.00000	13.00000	-1.00000	-16.939	1.9243	-4.9611	-16.310
2.1466	46.38889	10.88889	-1.00000	-14.998	2.0949	-4.7774	-14.371
4.2933	46.77778	8.77778	-1.00000	-13.586	1.8685	-4.2989	-13.023
6.4399	47.16667	6.66667	-1.00000	-12.588	1.5424	-3.7973	-12.100
8.5865	47.55556	4.55556	-1.00000	-11.928	1.3114	-3.4506	-11.493
10.733	47.94444	2.44444	-1.00000	-11.389	1.0815	-3.1269	-11.004
12.880	48.33333	0.33333	-1.00000	-10.944	0.88500	-2.8529	-10.602
15.026	48.72222	-1.77778	-1.00000	-6.7263	1.7762	-2.9654	-6.2933
17.173	49.11111	-3.88889	-1.00000	-5.6902	2.4707	-3.4606	-5.1484
19.320	49.50000	-6.00000	-1.00000	-4.6653	2.7741	-3.5734	-4.0856

Structure: Southern Boundary Wall | Sub-structure: Boundary Wall (5)

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-8.50000	-6.00000	-1.00000	4.6767	3.0056	4.6767	3.0056
2.0000	-6.50000	-6.00000	-1.00000	4.6333	3.5585	4.6333	3.5585
4.0000	-4.50000	-6.00000	-1.00000	4.2690	4.1615	4.2690	4.1615
6.0000	-2.50000	-6.00000	-1.00000	3.8803	5.3088	3.8803	5.3088
8.0000	-0.50000	-6.00000	-1.00000	2.8756	6.9321	2.8756	6.9321
10.000	1.50000	-6.00000	-1.00000	0.70981	8.5178	0.70981	8.5178
12.000	3.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
14.000	5.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
16.000	7.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
18.000	9.50000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
20.000	11.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
22.000	13.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
24.000	15.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
26.000	17.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
28.000	19.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
30.000	21.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
32.000	23.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
34.000	25.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
36.000	27.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
38.000	29.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
40.000	31.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
42.000	33.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
44.000	35.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
46.000	37.5000	-6.00000	-1.00000	0.0	13.123	0.0	13.123
48.000	39.5000	-6.00000	-1.00000	-1.9517	7.8772	-1.9517	7.8772
50.000	41.5000	-6.00000	-1.00000	-3.5322	6.2137	-3.5322	6.2137
52.000	43.5000	-6.00000	-1.00000	-4.1139	4.7215	-4.1139	4.7215
54.000	45.5000	-6.00000	-1.00000	-4.5560	3.9352	-4.5560	3.9352
56.000	47.5000	-6.00000	-1.00000	-4.7445	3.3226	-4.7445	3.3226
58.000	49.5000	-6.00000	-1.00000	-4.6653	2.7741	-4.6653	2.7741

Structure: 38 Queens Grove | Sub-structure: Eastern elevation (6)

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-10.00000	0.00000	-1.00000	6.8144	0.85561	0.85561	-6.8144
2.0000	-10.00000	2.00000	-1.00000	10.112	1.0348	1.0348	-10.112
4.0000	-10.00000	4.00000	-1.00000	10.409	1.2432	1.2432	-10.409
6.0000	-10.00000	6.00000	-1.00000	10.813	1.4400	1.4400	-10.813
8.0000	-10.00000	8.00000	-1.00000	11.523	1.7201	1.7201	-11.523
10.000	-10.00000	10.00000	-1.00000	12.499	1.8760	1.8760	-12.499
12.000	-10.00000	12.00000	-1.00000	13.746	1.7495	1.7495	-13.746

Structure: 38 Queens Grove | Sub-structure: Northern elevation (7)

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-15.00000	12.00000	-1.00000	10.375	1.0544	10.375	1.0544
2.5000	-12.50000	12.00000	-1.00000	12.157	1.3712	12.157	1.3712
5.0000	-10.00000	12.00000	-1.00000	13.746	1.7495	13.746	1.7495

Structure: 38 Queens Grove | Sub-structure: Southern elevation (8)

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-15.00000	0.00000	-1.00000	5.1334	0.79151	5.1334	0.79151
2.5000	-12.50000	0.00000	-1.00000	5.9901	0.85440	5.9901	0.85440
5.0000	-10.00000	0.00000	-1.00000	6.8144	0.85561	6.8144	0.85561

Structure: 77 Avenue Road | Sub-structure: Extension - South (9)

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	-10.00000	33.00000	-1.00000	7.0163	-3.3740	7.0163	-3.3740
2.0370	-7.96296	33.00000	-1.00000	7.2494	-4.1922	7.2494	-4.1922
4.0741	-5.92593	33.00000	-1.00000	7.0909	-5.2794	7.0909	-5.2794
6.1111	-3.88889	33.00000	-1.00000	6.1860	-6.7507	6.1860	-6.7507
8.1481	-1.85185	33.00000	-1.00000	4.5475	-10.046	4.5475	-10.046
10.185	0.18519	33.00000	-1.00000	0.90956	-25.968	0.90956	-25.968
12.222	2.22222	33.00000	-1.00000	0.89093	-25.809	0.89093	-25.809
14.259	4.25926	33.00000	-1.00000	0.89644	-25.869	0.89644	-25.869
16.296	6.29630	33.00000	-1.00000	0.90858	-25.930	0.90858	-25.930
18.333	8.33333	33.00000	-1.00000	0.92327	-25.991	0.92327	-25.991
20.370	10.37037	33.00000	-1.00000	0.94226	-26.052	0.94226	-26.052
22.407	12.40741	33.00000	-1.00000	0.96869	-26.115	0.96869	-26.115
24.444	14.44444	33.00000	-1.00000	1.0089	-26.181	1.0089	-26.181
26.481	16.48148	33.00000	-1.00000	1.0781	-26.257	1.0781	-26.257
28.519	18.51852	33.00000	-1.00000	1.2204	-26.373	1.2204	-26.373
30.556	20.55556	33.00000	-1.00000	1.5869	-26.801	1.5869	-26.801
32.593	22.59259	33.00000	-1.00000	-0.31771	-24.803	-0.31771	-24.803
34.630	24.62963	33.00000	-1.00000	-1.8105	-20.574	-1.8105	-20.574
36.667	26.66667	33.00000	-1.00000	-1.2828	-18.357	-1.2828	-18.357
38.704	28.70370	33.00000	-1.00000	-0.80211	-17.552	-0.80211	-17.552
40.741	30.74074	33.00000	-1.00000	-0.38419	-17.179	-0.38419	-17.179
42.778	32.77778	33.00000	-1.00000	-0.063364	-17.006	-0.063364	-17.006
44.815	34.81481	33.00000	-1.00000	0.18041	-16.930	0.18041	-16.930
46.852	36.85185	33.00000	-1.00000	0.36884	-16.907	0.36884	-16.907
48.889	38.88889	33.00000	-1.00000	-5.8227	-6.2460	-5.8227	-6.2460
50.926	40.92593	33.00000	-1.00000	-8.7287	-3.2596	-8.7287	-3.2596
52.963	42.96296	33.00000	-1.00000	-8.5845	-2.2302	-8.5845	-2.2302
55.000	45.00000	33.00000	-1.00000	-8.0394	-1.7888	-8.0394	-1.7888

Structure: 77 Avenue Road | Sub-structure: Extension - West (10)

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal	Horizontal

[m]	[m]	[m]	[m]	[mm]	[mm]	displacement along the Line [mm]	displacement perpendicular to Line [mm]
0.0	23.00000	33.00000	-1.00000	-0.94788	-23.886	-23.886	0.94788
3.0000	23.00000	36.00000	-1.00000	-0.19168	-21.351	-21.351	0.19168

Structure: 77 Avenue Road | Sub-structure: Extension - East (11)

Dist.	Coordinates x [m]	y [m]	z [m]	Displacements x [mm]	y [mm]	Horizontal displacement along the Line [mm]	Horizontal displacement perpendicular to Line [mm]
0.0	34.50000	33.00000	-1.00000	0.14683	-16.938	-16.938	-0.14683
3.0000	34.50000	36.00000	-1.00000	-0.26249	-15.030	-15.030	0.26249

Structure: 77 Avenue Road | Sub-structure: Southern elevation (12)

Dist.	Coordinates x [m]	y [m]	z [m]	Displacements x [mm]	y [mm]	Horizontal displacement along the Line [mm]	Horizontal displacement perpendicular to Line [mm]
0.0	22.00000	36.00000	-1.00000	0.84860	-21.288	0.84860	-21.288
2.0833	24.08333	36.00000	-1.00000	-0.94823	-20.138	-0.94823	-20.138
4.1667	26.16667	36.00000	-1.00000	-1.4357	-18.000	-1.4357	-18.000
6.2500	28.25000	36.00000	-1.00000	-1.1785	-16.494	-1.1785	-16.494
8.3333	30.33333	36.00000	-1.00000	-0.84007	-15.703	-0.84007	-15.703
10.417	32.41667	36.00000	-1.00000	-0.54247	-15.281	-0.54247	-15.281
12.500	34.50000	36.00000	-1.00000	-0.26249	-15.030	-0.26249	-15.030

Structure: 77 Avenue Road | Sub-structure: Western elevation (13)

Dist.	Coordinates x [m]	y [m]	z [m]	Displacements x [mm]	y [mm]	Horizontal displacement along the Line [mm]	Horizontal displacement perpendicular to Line [mm]
0.0	22.00000	36.00000	-1.00000	0.84860	-21.288	-21.288	-0.84860
2.2500	22.00000	38.25000	-1.00000	0.78241	-19.002	-19.002	-0.78241
4.5000	22.00000	40.50000	-1.00000	0.71621	-16.839	-16.839	-0.71621
6.7500	22.00000	42.75000	-1.00000	0.65001	-14.772	-14.772	-0.65001
9.0000	22.00000	45.00000	-1.00000	0.58381	-12.773	-12.773	-0.58381

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - lower (14)

Dist.	Coordinates x [m]	y [m]	z [m]	Displacements x [mm]	y [mm]	Horizontal displacement along the Line [mm]	Horizontal displacement perpendicular to Line [mm]
0.0	33.00000	36.00000	-1.00000	-0.46101	-15.197	-15.197	0.46101
3.0000	33.00000	39.00000	-1.00000	-0.55896	-13.508	-13.508	0.55896

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - mid (15)

Dist.	Coordinates x [m]	y [m]	z [m]	Displacements x [mm]	y [mm]	Horizontal displacement along the Line [mm]	Horizontal displacement perpendicular to Line [mm]
0.0	33.00000	39.00000	-1.00000	-0.55896	-13.508	-0.55896	-13.508
3.0000	36.00000	39.00000	-1.00000	-0.24198	-13.113	-0.24198	-13.113

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - upper (16)

Dist.	Coordinates x [m]	y [m]	z [m]	Displacements x [mm]	y [mm]	Horizontal displacement along the Line [mm]	Horizontal displacement perpendicular to Line [mm]
0.0	36.00000	39.00000	-1.00000	-0.24198	-13.113	-13.113	0.24198
2.0000	36.00000	41.00000	-1.00000	-0.26535	-11.956	-11.956	0.26535
4.0000	36.00000	43.00000	-1.00000	-0.26623	-10.830	-10.830	0.26623
6.0000	36.00000	45.00000	-1.00000	-0.28215	-9.7535	-9.7535	0.28215

Specific Building Damage Results - Vertical Displacements

Structure: Western Boundary Wall | Sub-structure: Boundary Wall (1)

Dist.	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	-8.50000	-6.00000	-1.00000	4.1495
2.0541	-8.57895	-3.94737	-1.00000	4.7882
4.1083	-8.65789	-1.89474	-1.00000	5.4052
6.1624	-8.73684	0.15789	-1.00000	8.5792
8.2166	-8.81579	2.21053	-1.00000	8.7955
10.271	-8.89474	4.26316	-1.00000	9.0769
12.325	-8.97368	6.31579	-1.00000	9.4322
14.379	-9.05263	8.36842	-1.00000	10.004
16.433	-9.13158	10.42105	-1.00000	10.798
18.487	-9.21053	12.47368	-1.00000	11.741
20.541	-9.28947	14.52632	-1.00000	12.774
22.596	-9.36842	16.57895	-1.00000	13.617
24.650	-9.44737	18.63158	-1.00000	12.788
26.704	-9.52632	20.68421	-1.00000	11.978
28.758	-9.60526	22.73684	-1.00000	11.254
30.812	-9.68421	24.78947	-1.00000	10.649
32.866	-9.76316	26.84211	-1.00000	10.169
34.921	-9.84211	28.89474	-1.00000	9.8384
36.975	-9.92105	30.94737	-1.00000	6.4098
39.029	-10.00000	33.00000	-1.00000	5.7431

Structure: Northern Boundary Wall | Sub-structure: Boundary Wall (2)

Dist.	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	-10.00000	33.00000	-1.00000	5.7431
2.0370	-7.96296	33.00000	-1.00000	6.2743
4.0741	-5.92593	33.00000	-1.00000	6.5056
6.1111	-3.88889	33.00000	-1.00000	6.4121
8.1481	-1.85185	33.00000	-1.00000	7.2906
10.185	0.18519	33.00000	-1.00000	15.924
12.222	2.22222	33.00000	-1.00000	15.739
14.259	4.25926	33.00000	-1.00000	15.695
16.296	6.29630	33.00000	-1.00000	15.649

Oasys
73-75 Avenue Road
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 18-Mar-2016	Checked

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
18.333	8.33333	33.00000	-1.00000	15.603
20.370	10.37037	33.00000	-1.00000	15.557
22.407	12.40741	33.00000	-1.00000	15.515
24.444	14.44444	33.00000	-1.00000	15.483
26.481	16.48148	33.00000	-1.00000	15.478
28.519	18.51852	33.00000	-1.00000	15.548
30.556	20.55556	33.00000	-1.00000	15.955
32.593	22.59259	33.00000	-1.00000	15.565
34.630	24.62963	33.00000	-1.00000	13.177
36.667	26.66667	33.00000	-1.00000	11.718
38.704	28.70370	33.00000	-1.00000	11.003
40.741	30.74074	33.00000	-1.00000	10.465
42.778	32.77778	33.00000	-1.00000	10.036
44.815	34.81481	33.00000	-1.00000	9.6776
46.852	36.85185	33.00000	-1.00000	9.3691
48.889	38.88889	33.00000	-1.00000	4.8635
50.926	40.92593	33.00000	-1.00000	6.1070
52.963	42.96296	33.00000	-1.00000	6.4969
55.000	45.00000	33.00000	-1.00000	6.4069

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (3)

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	46.00000	29.00000	-1.00000	10.181
2.1667	46.00000	26.83333	-1.00000	10.546
4.3333	46.00000	24.66667	-1.00000	11.003
6.5000	46.00000	22.50000	-1.00000	11.752
8.6667	46.00000	20.33333	-1.00000	12.804
10.833	46.00000	18.16667	-1.00000	14.074
13.000	46.00000	16.00000	-1.00000	12.388

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (4)

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	46.00000	13.00000	-1.00000	13.565
2.1466	46.38889	10.88889	-1.00000	12.289
4.2933	46.77778	8.77778	-1.00000	11.246
6.4399	47.16667	6.66667	-1.00000	10.412
8.5865	47.55556	4.55556	-1.00000	9.8167
10.733	47.94444	2.44444	-1.00000	9.2862
12.880	48.33333	0.33333	-1.00000	8.8117
15.026	48.72222	-1.77778	-1.00000	5.4114
17.173	49.11111	-3.88889	-1.00000	4.6424
19.320	49.50000	-6.00000	-1.00000	3.9057

Structure: Southern Boundary Wall | Sub-structure: Boundary Wall (5)

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	-8.50000	-6.00000	-1.00000	4.1495
2.0000	-6.50000	-6.00000	-1.00000	4.4978
4.0000	-4.50000	-6.00000	-1.00000	4.6235
6.0000	-2.50000	-6.00000	-1.00000	5.0548
8.0000	-0.50000	-6.00000	-1.00000	5.6788
10.000	1.50000	-6.00000	-1.00000	6.3840
12.000	3.50000	-6.00000	-1.00000	9.7950
14.000	5.50000	-6.00000	-1.00000	9.7950
16.000	7.50000	-6.00000	-1.00000	9.7950
18.000	9.50000	-6.00000	-1.00000	9.7950
20.000	11.50000	-6.00000	-1.00000	9.7950
22.000	13.50000	-6.00000	-1.00000	9.7950
24.000	15.50000	-6.00000	-1.00000	9.7950
26.000	17.50000	-6.00000	-1.00000	9.7950
28.000	19.50000	-6.00000	-1.00000	9.7950
30.000	21.50000	-6.00000	-1.00000	9.7950
32.000	23.50000	-6.00000	-1.00000	9.7950
34.000	25.50000	-6.00000	-1.00000	9.7950
36.000	27.50000	-6.00000	-1.00000	9.7950
38.000	29.50000	-6.00000	-1.00000	9.7950
40.000	31.50000	-6.00000	-1.00000	9.7950
42.000	33.50000	-6.00000	-1.00000	9.7950
44.000	35.50000	-6.00000	-1.00000	9.7950
46.000	37.50000	-6.00000	-1.00000	9.7950
48.000	39.50000	-6.00000	-1.00000	6.0574
50.000	41.50000	-6.00000	-1.00000	5.4013
52.000	43.50000	-6.00000	-1.00000	4.7876
54.000	45.50000	-6.00000	-1.00000	4.6028
56.000	47.50000	-6.00000	-1.00000	4.3383
58.000	49.50000	-6.00000	-1.00000	3.9057

Structure: 38 Queens Grove | Sub-structure: Eastern elevation (6)

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	-10.00000	0.00000	-1.00000	5.4583
2.0000	-10.00000	2.00000	-1.00000	8.1150
4.0000	-10.00000	4.00000	-1.00000	8.4235
6.0000	-10.00000	6.00000	-1.00000	8.7962
8.0000	-10.00000	8.00000	-1.00000	9.4010
10.000	-10.00000	10.00000	-1.00000	10.144
12.000	-10.00000	12.00000	-1.00000	11.013

Structure: 38 Queens Grove | Sub-structure: Northern elevation (7)

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	-15.00000	12.00000	-1.00000	7.0498
2.5000	-12.50000	12.00000	-1.00000	9.1545
5.0000	-10.00000	12.00000	-1.00000	11.013

Structure: 38 Queens Grove | Sub-structure: Southern elevation (8)

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	-15.00000	0.00000	-1.00000	3.2740
2.5000	-12.50000	0.00000	-1.00000	4.4039
5.0000	-10.00000	0.00000	-1.00000	5.4583

Structure: 77 Avenue Road | Sub-structure: Extension - South (9)

Dist.	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]

[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	-10.00000	33.00000	-1.00000	5.7431
2.0370	-7.96296	33.00000	-1.00000	6.2743
4.0741	-5.92593	33.00000	-1.00000	6.5056
6.1111	-3.88889	33.00000	-1.00000	6.4121
8.1481	-1.85185	33.00000	-1.00000	7.2906
10.185	0.18519	33.00000	-1.00000	15.924
12.222	2.22222	33.00000	-1.00000	15.739
14.259	4.25926	33.00000	-1.00000	15.695
16.296	6.29630	33.00000	-1.00000	15.649
18.333	8.33333	33.00000	-1.00000	15.603
20.370	10.37037	33.00000	-1.00000	15.557
22.407	12.40741	33.00000	-1.00000	15.515
24.444	14.44444	33.00000	-1.00000	15.483
26.481	16.48148	33.00000	-1.00000	15.478
28.519	18.51852	33.00000	-1.00000	15.548
30.556	20.55556	33.00000	-1.00000	15.955
32.593	22.59259	33.00000	-1.00000	15.565
34.630	24.62963	33.00000	-1.00000	13.177
36.667	26.66667	33.00000	-1.00000	11.718
38.704	28.70370	33.00000	-1.00000	11.003
40.741	30.74074	33.00000	-1.00000	10.465
42.778	32.77778	33.00000	-1.00000	10.036
44.815	34.81481	33.00000	-1.00000	9.6776
46.852	36.85185	33.00000	-1.00000	9.3691
48.889	38.88889	33.00000	-1.00000	4.8635
50.926	40.92593	33.00000	-1.00000	6.1070
52.963	42.96296	33.00000	-1.00000	6.4969
55.000	45.00000	33.00000	-1.00000	6.4069

Structure: 77 Avenue Road | Sub-structure: Extension - West (10)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	23.00000	33.00000	-1.00000	15.031
3.0000	23.00000	36.00000	-1.00000	15.805

Structure: 77 Avenue Road | Sub-structure: Extension - East (11)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	34.50000	33.00000	-1.00000	9.7293
3.0000	34.50000	36.00000	-1.00000	10.922

Structure: 77 Avenue Road | Sub-structure: Southern elevation (12)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	22.00000	36.00000	-1.00000	15.232
2.0833	24.08333	36.00000	-1.00000	15.005
4.1667	26.16667	36.00000	-1.00000	13.615
6.2500	28.25000	36.00000	-1.00000	12.497
8.3333	30.33333	36.00000	-1.00000	11.797
10.417	32.41667	36.00000	-1.00000	11.315
12.500	34.50000	36.00000	-1.00000	10.922

Structure: 77 Avenue Road | Sub-structure: Western elevation (13)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	22.00000	36.00000	-1.00000	15.232
2.2500	22.00000	38.25000	-1.00000	14.346
4.5000	22.00000	40.50000	-1.00000	12.803
6.7500	22.00000	42.75000	-1.00000	10.867
9.0000	22.00000	45.00000	-1.00000	8.7610

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - lower (14)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	33.00000	36.00000	-1.00000	11.196
3.0000	33.00000	39.00000	-1.00000	10.842

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - mid (15)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	33.00000	39.00000	-1.00000	10.842
3.0000	36.00000	39.00000	-1.00000	10.379

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - upper (16)

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	36.00000	39.00000	-1.00000	10.379
2.0000	36.00000	41.00000	-1.00000	9.5899
4.0000	36.00000	43.00000	-1.00000	8.4890
6.0000	36.00000	45.00000	-1.00000	7.2262

Specific Building Damage Results - All Segments

Structure: Western Boundary Wall | Sub-structure: Boundary Wall (1)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	1.0614	None	0.0	-0.022788	0.0045576	227.93E-6	-310.99E-6	6327.0	0 (Negligible)
	2	1.0614	3.8552	Hogging	0.020513	-0.038307	0.014213	541.38E-6	-0.0015460	6773.4	0 (Negligible)
	3	4.9166	5.0771	Sagging	0.026134	-0.0053691	0.033863	541.38E-6	-0.0015460	5137.8	0 (Negligible)
	4	9.9936	8.6304	Hogging	0.0051153	0.0041313	0.011527	412.82E-6	-502.79E-6	20882.	0 (Negligible)

Oasys
73-75 Avenue Road
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 18-Mar-2016	Checked

Vertical Offset from Line for Vertical Movement	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature	Damage Category
	5	18.624	7.7368	Sagging	0.021273	-0.040932	0.0094146	647.94E-6	-502.79E-6	4816.0	0 (Negligible)
	6	26.361	4.7849	Hogging	0.0018022	0.0028213	0.0047225	161.99E-6	394.42E-6	32541.	0 (Negligible)
	7	31.146	4.5588	Sagging	0.020990	-0.0031333	0.027688	543.45E-6	0.0016700	5170.7	0 (Negligible)
	8	35.704	3.2955	Hogging	0.031736	-0.049818	0.022039	543.45E-6	0.0016700	993.92	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: Northern Boundary Wall | Sub-structure: Boundary Wall (2)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	4.0351	Sagging	0.0036794	0.0019242	0.0071253	-114.41E-6	-260.77E-6	13558.	0 (Negligible)
	2	4.0351	5.0107	Hogging	0.059432	-0.082815	0.037661	0.0017891	-0.0042460	1766.6	0 (Negligible)
	3	9.0458	5.1815	Sagging	0.073475	-0.039526	0.071096	0.0017891	-0.0042460	1702.6	1 (Very Slight)
	4	14.227	2.0314	Sagging	1.3258E-6	590.54E-6	591.77E-6	-5.9565E-6	22.502E-6	122040.	0 (Negligible)
	5	16.259	0.75668	Sagging	1.8944E-6	715.27E-6	716.01E-6	-7.2152E-6	22.904E-6	6.4669E+6	0 (Negligible)
	6	17.015	11.330	Hogging	792.23E-6	0.0025999	0.0038022	-69.858E-6	-34.386E-6	32855.	0 (Negligible)
	7	28.346	6.0089	Sagging	0.024409	-0.046885	0.011842	935.87E-6	0.0011733	4293.3	0 (Negligible)
	8	34.355	8.5638	Hogging	0.0097851	0.018244	0.032358	733.36E-6	0.0011733	6434.3	0 (Negligible)
	9	42.918	4.5165	Sagging	0.022982	-0.030038	0.011138	0.0030488	0.0022186	4115.6	0 (Negligible)
	10	47.435	4.7337	Hogging	0.056159	-0.15289	0.042578	0.0030488	0.0022186	2578.9	0 (Negligible)
	11	52.169	2.8315	Sagging	0.0047400	0.021237	0.026840	-267.52E-6	-191.42E-6	7238.3	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (3)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	7.2249	Hogging	0.0045658	0.012746	0.018911	-157.49E-6	-485.44E-6	16832.	0 (Negligible)
	2	7.2249	5.7751	Sagging	0.030939	-0.035410	0.012352	741.82E-6	778.62E-6	1250.9	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (4)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	8.8736	Hogging	0.0053001	0.017511	0.025237	-233.63E-6	594.19E-6	19287.	0 (Negligible)
	2	8.8736	5.2329	Sagging	0.024030	0.0093658	0.045591	-150.78E-6	0.0015841	5840.4	0 (Negligible)
	3	14.107	4.0336	Hogging	0.021547	-0.014732	0.015344	230.76E-6	0.0015841	7292.8	0 (Negligible)
	4	18.140	0.85985	Hogging	0.0	-0.0052519	0.0010504	52.522E-6	343.21E-6	8200.0	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: Southern Boundary Wall | Sub-structure: Boundary Wall (5)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	2.7675	Sagging	0.0022144	-0.0066191	0.0017201	182.23E-6	-174.18E-6	11272.	0 (Negligible)
	2	2.7675	7.9052	Hogging	0.011290	-0.050884	0.011161	0.0010840	-0.0017061	5250.3	0 (Negligible)
	3	10.673	5.3273	Sagging	0.031765	-0.0088426	0.039141	355.03E-6	-0.0017061	3892.4	0 (Negligible)
	4	16.000	26.000	None	0.0	0.0	0.0	0.0	0.0	-	0 (Negligible)
	5	42.000	5.2799	Sagging	0.034327	-0.023655	0.028148	976.79E-6	0.0018706	3638.9	0 (Negligible)
	6	47.280	7.0169	Hogging	0.014969	-0.047528	0.011584	976.79E-6	0.0018706	4459.2	0 (Negligible)
	7	54.297	3.7032	Sagging	0.0020699	-0.0021968	0.0011094	94.270E-6	216.32E-6	21023.	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 38 Queens Grove | Sub-structure: Eastern elevation (6)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	5.4978	Sagging	0.026843	0.0097304	0.030802	-104.19E-6	-0.0013282	1355.5	0 (Negligible)
	2	5.4978	6.5022	Hogging	0.0029270	0.0055209	0.0069463	-140.06E-6	-434.40E-6	24026.	0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 38 Queens Grove | Sub-structure: Northern elevation (7)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	5.0000	Sagging	0.0024382	0.067432	0.069194	-712.36E-6	-841.31E-6	25393.	1 (Very Slight)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 38 Queens Grove | Sub-structure: Southern elevation (8)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category

[m]		[m]	[m]		[%]	[%]	[%]				[m]				
0.0	1	0.0	5.0000	Sagging	746.19E-6	0.033620	0.034160	-342.57E-6	-451.78E-6		82941.				0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Extension - South (9)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage	Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]		
0.0	1	0.0	11.500	Hogging	0.014405	0.0066000	0.027424	733.36E-6	0.0011733	3770.2		0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Extension - West (10)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage	Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]		
0.0	1	0.0	3.0000	Sagging	0.0	0.084487	0.084487	-844.16E-6	-257.54E-6	-		2 (Slight)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Extension - East (11)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage	Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]		
0.0	1	0.0	3.0000	None	0.0	0.063606	0.063606	-635.66E-6	-397.22E-6	-		1 (Very Slight)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Southern elevation (12)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage	Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]		
0.0	1	0.0	4.4415	Sagging	0.013408	-0.050667	0.012704	863.23E-6	667.52E-6	2848.5		0 (Negligible)
	2	4.4415	8.0585	Hogging	0.0054582	0.014138	0.017386	-162.40E-6	536.42E-6	13216.		0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Western elevation (13)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage	Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]		
0.0	1	0.0	9.0000	Sagging	0.0089325	0.094610	0.10485	-0.0010149	935.23E-6	7008.8		2 (Slight)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - lower (14)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage	Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]		
0.0	1	0.0	3.0000	None	0.0	0.056297	0.056297	-562.65E-6	118.08E-6	-		1 (Very Slight)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - mid (15)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage	Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]		
0.0	1	0.0	3.0000	None	0.0	0.010566	0.010566	-105.65E-6	154.13E-6	-		0 (Negligible)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - upper (16)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage	Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]		
0.0	1	0.0	5.0000	Sagging	0.0043631	0.056422	0.059576	-578.17E-6	631.04E-6	11944.		1 (Very Slight)

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Specific Building Damage Results - Critical Values for All Segments within Each Sub-Structure

Structure: Western Boundary Wall | Sub-structure: Boundary Wall (1)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		
0.0	0.031736	-0.049818	0.0016700	13.611	0.033863	647.94E-6	0.0016700	993.92	4816.0	0	(Negligible)

Structure: Northern Boundary Wall | Sub-structure: Boundary Wall (2)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		

Oasys
73-75 Avenue Road
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 18-Mar-2016	Checked

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		
0.0	0.073475	-0.15289	-0.0042460	15.950	0.071096	0.0030488	-0.0042460	1766.6	1702.6	1	(Very Slight)

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (3)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		
0.0	0.030939	-0.035410	778.62E-6	14.068	0.018911	741.82E-6	778.62E-6	16832.	1250.9	0	(Negligible)

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (4)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		
0.0	0.024030	0.017511	0.0015841	13.565	0.045591	-233.63E-6	0.0015841	7292.8	5840.4	0	(Negligible)

Structure: Southern Boundary Wall | Sub-structure: Boundary Wall (5)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		
0.0	0.034327	-0.050884	0.0018706	9.7950	0.039141	0.0010840	0.0018706	4459.2	3638.9	0	(Negligible)

Structure: 38 Queens Grove | Sub-structure: Eastern elevation (6)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		
0.0	0.026843	0.0097304	-0.0013282	11.013	0.030802	-140.06E-6	-0.0013282	24026.	1355.5	0	(Negligible)

Structure: 38 Queens Grove | Sub-structure: Northern elevation (7)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		
0.0	0.0024382	0.067432	-841.31E-6	11.013	0.069194	-712.36E-6	-841.31E-6	-	25393.	1	(Very Slight)

Structure: 38 Queens Grove | Sub-structure: Southern elevation (8)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		
0.0	746.19E-6	0.033620	-451.78E-6	5.4583	0.034160	-342.57E-6	-451.78E-6	-	82941.	0	(Negligible)

Structure: 77 Avenue Road | Sub-structure: Extension - South (9)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		
0.0	0.014405	0.0066000	0.0011733	15.087	0.027424	733.36E-6	0.0011733	3770.2	-	0	(Negligible)

Structure: 77 Avenue Road | Sub-structure: Extension - West (10)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		
0.0	0.0	0.084487	-257.54E-6	15.805	0.084487	-844.16E-6	-257.54E-6	-	-	2	(Slight)

Structure: 77 Avenue Road | Sub-structure: Extension - East (11)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		
0.0	0.0	0.063606	-397.22E-6	10.922	0.063606	-635.66E-6	-397.22E-6	-	-	1	(Very Slight)

Structure: 77 Avenue Road | Sub-structure: Southern elevation (12)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		
0.0	0.013408	-0.050667	667.52E-6	15.232	0.017386	863.23E-6	667.52E-6	13216.	2848.5	0	(Negligible)

Structure: 77 Avenue Road | Sub-structure: Western elevation (13)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage	Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]		
0.0	0.0089325	0.094610	935.23E-6	15.232	0.10485	-0.0010149	935.23E-6	-	7008.8	2	(Slight)

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - lower (14)

Vertical Offset from Line for Vertical	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0	0.056297	118.08E-6	11.196	0.056297	-562.65E-6	118.08E-6	-	-	1 (Very Slight)

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - mid (15)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0	0.010566	154.13E-6	10.842	0.010566	-105.65E-6	154.13E-6	-	-	0 (Negligible)

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - upper (16)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0043631	0.056422	631.04E-6	10.379	0.059576	-578.17E-6	631.04E-6	-	11944.	1 (Very Slight)

Specific Building Damage Results - Critical Segments within Each Structure

Structure Name	Parameter	Critical Sub-Structure	Critical Segment	Start	End	Curvature	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
				[m]	[m]			[mm]	[%]	[m]	[m]	
Western Boundary Wall	Maximum Slope	Boundary Wall (1)	7	31.146	35.704	Sagging	**0.0016700**	10.571	0.027688	-	5170.7	0 (Negligible)
	Maximum Settlement	Boundary Wall (1)	5	18.624	26.361	Sagging	502.79E-6	**13.611**	0.0094146	-	4816.0	0 (Negligible)
	Max. Tensile Strain	Boundary Wall (1)	3	4.9166	9.9936	Sagging	0.0015460	9.0389	**0.033863**	-	5137.8	0 (Negligible)
	Min. Radius of Curvature (Hogging)	Boundary Wall (1)	8	35.704	39.000	Hogging	0.0016700	8.5299	0.022039	**993.92**	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (1)	5	18.624	26.361	Sagging	502.79E-6	13.611	0.0094146	-	**4816.0**	0 (Negligible)
Northern Boundary Wall	Maximum Slope	Boundary Wall (2)	2	4.0351	9.0458	Hogging	**0.0042460**	11.095	0.037661	1766.6	-	0 (Negligible)
	Maximum Settlement	Boundary Wall (2)	7	28.346	34.355	Sagging	0.0011733	**15.950**	0.011842	-	4293.3	0 (Negligible)
	Max. Tensile Strain	Boundary Wall (2)	3	9.0458	14.227	Sagging	0.0042460	15.923	**0.071096**	-	1702.6	1 (Very Slight)
	Min. Radius of Curvature (Hogging)	Boundary Wall (2)	2	4.0351	9.0458	Hogging	0.0042460	11.095	0.037661	**1766.6**	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (2)	3	9.0458	14.227	Sagging	0.0042460	15.923	0.071096	-	**1702.6**	1 (Very Slight)
Eastern Boundary Wall	Maximum Slope	Boundary Wall (4)	2	8.8736	14.107	Sagging	**0.0015841**	9.7457	0.045591	-	5840.4	0 (Negligible)
	Maximum Settlement	Boundary Wall (3)	2	7.2249	13.000	Sagging	778.62E-6	**14.068**	0.012352	-	1250.9	0 (Negligible)
	Max. Tensile Strain	Boundary Wall (4)	2	8.8736	14.107	Sagging	0.0015841	9.7457	**0.045591**	-	5840.4	0 (Negligible)
	Min. Radius of Curvature (Hogging)	Boundary Wall (4)	3	14.107	18.140	Hogging	0.0015841	6.8685	0.015344	**7292.8**	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (3)	2	7.2249	13.000	Sagging	778.62E-6	14.068	0.012352	-	**1250.9**	0 (Negligible)
Southern Boundary Wall	Maximum Slope	Boundary Wall (5)	5	42.000	47.280	Sagging	**0.0018706**	9.7950	0.028148	-	3638.9	0 (Negligible)
	Maximum Settlement	Boundary Wall (5)	3	10.673	16.000	Sagging	0.0017061	**9.7950**	0.039141	-	3892.4	0 (Negligible)
	Max. Tensile Strain	Boundary Wall (5)	3	10.673	16.000	Sagging	0.0017061	9.7950	**0.039141**	-	3892.4	0 (Negligible)
	Min. Radius of Curvature (Hogging)	Boundary Wall (5)	6	47.280	54.297	Hogging	0.0018706	7.4031	0.011584	**4459.2**	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (5)	5	42.000	47.280	Sagging	0.0018706	9.7950	0.028148	-	**3638.9**	0 (Negligible)
38 Queens Grove	Maximum Slope	Eastern elevation (6)	1	0.0	5.4978	Sagging	**0.0013282**	8.7026	0.030802	-	1355.5	0 (Negligible)
	Maximum Settlement	Eastern elevation (6)	2	5.4978	12.000	Hogging	434.40E-6	**11.013**	0.0069463	24026.	-	0 (Negligible)
	Max. Tensile Strain	Northern elevation (7)	1	0.0	5.0000	Sagging	841.31E-6	11.013	**0.069194**	-	25393.	1 (Very Slight)
	Min. Radius of Curvature (Hogging)	Eastern elevation (6)	2	5.4978	12.000	Hogging	434.40E-6	11.013	0.0069463	**24026.**	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Eastern elevation (6)	1	0.0	5.4978	Sagging	0.0013282	8.7026	0.030802	-	**1355.5**	0 (Negligible)
77 Avenue Road	Maximum Slope	Extension - South (9)	1	0.0	11.500	Hogging	**0.0011733**	15.087	0.027424	3770.2	-	0 (Negligible)
	Maximum Settlement	Extension - West (10)	1	0.0	3.0000	Sagging	257.54E-6	**15.805**	0.084487	-	-	2 (Slight)
	Max. Tensile Strain	Western elevation (13)	1	0.0	9.0000	Sagging	935.23E-6	15.232	**0.10485**	-	7008.8	2 (Slight)
	Min. Radius of Curvature (Hogging)	Extension - South (9)	1	0.0	11.500	Hogging	0.0011733	15.087	0.027424	**3770.2**	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Southern elevation (12)	1	0.0	4.4415	Sagging	667.52E-6	15.232	0.012704	-	**2848.5**	0 (Negligible)

Specific Building Damage Results - All Combined Segments

Structure: Western Boundary Wall | Sub-structure: Boundary Wall (1)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: Northern Boundary Wall | Sub-structure: Boundary Wall (2)

Vertical Offset from Line for	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category

Oasys
73-75 Avenue Road
Combined Movements

Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 18-Mar-2016	Checked

Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (3)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: Eastern Boundary Wall | Sub-structure: Boundary Wall (4)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: Southern Boundary Wall | Sub-structure: Boundary Wall (5)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 38 Queens Grove | Sub-structure: Eastern elevation (6)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 38 Queens Grove | Sub-structure: Northern elevation (7)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 38 Queens Grove | Sub-structure: Southern elevation (8)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Extension - South (9)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Extension - West (10)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Extension - East (11)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Southern elevation (12)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Western elevation (13)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]	[m]	[m]	[m]		[%]	[%]	[%]	

Vertical Offset from Line for Vertical	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - lower (14)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - mid (15)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Structure: 77 Avenue Road | Sub-structure: Eastern elevation - upper (16)

Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]	

No structures have segments combined.

Appendix E

Heyne Tillett Steel Flood Risk Assessment

Appendix F

Author Qualification for FRA

Appropriate Consultant

The Flood Risk Assessment has been carried out by Mark Symonds, who is qualified to do so as he has a Higher National Diploma and a degree in Civil Engineering, and has worked as a drainage / infrastructure Engineer for over 12 years.

In his career, Mark has provided detailed information, and carried out flood risk / drainage assessments on a wide variety of projects across the UK and overseas. These projects have include residential, commercial, retail, hospital and highway developments.

Mark has gained an in depth knowledge of all the current codes and regulations for assessing flood risk and drainage strategies, and has also competence in the industry recognised computer software (XP Solutions WinDes) to aid the calculations for these assessments.

Further details of Mark's experience is detailed in the following Curriculum Vitae.

Mark Symonds - Curriculum Vitae

Qualifications

BSc (Hons)	Civil Engineering – 2003 – Liverpool John Moores University
HND	Civil Engineering Studies – 2002 – Liverpool John Moores University
OND	Construction Studies – 2000 – Bolton College

Field of Special Competence

Since 2004 I have worked as an Infrastructure Engineer offering a high level of advice and design services to clients in the built environment. This has enabled me to become skilled and knowledgeable in many areas of my discipline, and offer particular competence in:

AutoCad 2015	Infrastructure design drawings
PDS V20	Highway design (vertical and horizontal alignments, setting out) including Section 38 and 278 agreements. Earthworks modeling.
XP Solutions WinDes	Sustainable drainage systems (SuDS). Surface and foul water drainage network designs including Section 104 and 106 agreements.
Drainage Assessments	Surface water management and flood Risk assessments for planning approval using PPS 25, SUR 1 Assessments, Pol 3 Assessments, Ciria 365 documents and guidelines.

Relevant Experience

Flo Consult UK Ltd
April 2013 to Present
Role: Director

Mark has worked as a drainage engineer for R Vint Engineering where he provides a full range of design consultancy services, from pre-planning advice, to the production of drainage and external work designs to construction. Some examples of projects, and a brief description design work carried out are as follows:-

Spout Lane	*Residential Care Home, Washington, Tyne and Wear* Surface water management report; foul and sustainable surface water drainage design; external works construction design, site setting out; Section 38 agreement; and Section 278 agreements.
Blandford Road	*33 Unit Housing Development, West Chirton, Tyne and Wear* SUR 1 (Code for Sustainable Homes) assessment; surface water management analysis; Section 104 adoptable sewer design, plot drainage, and Section 106 connection to public sewer.
Dandsfield Square	*44 Units Housing Development, Morpeth, Northumberland* SUR 1 (Code for Sustainable Homes) assessment; surface water management analysis; Section 185 sewer diversion; Section 104 adoptable sewer design, plot drainage, Section 185 sewer diversion and Section 106 connection to public sewer.
Wilburn Basin	1.25ha *Residential Development, Ordsall Lane, Salford* Surface water management report and foul and sustainable surface water drainage design.

Campbell Reith Hill LLP, London and Surrey
2008 to 2013
Role: Senior Engineer

As a Senior Engineer at Campbell Reith I was tasked with the management of infrastructure designs and master planning for a large variety of commercial, residential and overseas developments. The infrastructure design ranged from large scale earthworks analysis, detailed highway construction and complex drainage networks. Some examples of projects, and a brief description design work carried out are as follows:-

Wornington Estate	*1200 Units Residential Development, Portobello Road, London* Drainage and highway strategy report including liaising with local authorities, Environment Agency and sewer statuary undertakers. Phase 1 design including Section 38 and 278 agreements for highways and Section 104 and 106 agreements for drainage.
Clapham Park	*10 Phase Residential Development, Clapham, London* Drainage and highway master plan strategy for each phase of a residential development over a 10 year period. Including strategy for sustainable drainage, drainage diversion, new infrastructure and adoption / stopping up of new / existing roads.
Kingston Marine Park	*Boat Marina and Service Buildings, East Cowes, Isle of Wight* New highway design; large scale infrastructure works including up to 9m retaining walls; drainage design and strategy; and marina work designs.
Ghana Hospitals	*New build hospital sites across Ghana* Surface water management analysis; foul and surface water drainage design; highway design; earthworks analysis; levels design and external works details for a new hospital in Ghana.

Sinclair Knight Merz, Manchester
2005 to 2008
Role: Urban Infrastructure Engineer

At SKM I acted as an Urban Infrastructure Engineer where I was working with senior members of the team in the production of the design elements of educational, commercial and retail projects. Example projects include:

LFC Stadium	Internal and external drainage design, external works design, local authority approvals and earthworks and 3D ground modelling for a proposed football stadium in Liverpool
Shrewsbury College	Full infrastructure design including a large-scale sustainable drainage system, internal highway design and local authority approvals.
Wigan & Leigh College	Remediation strategy of existing drainage system for refurbishment scheme.

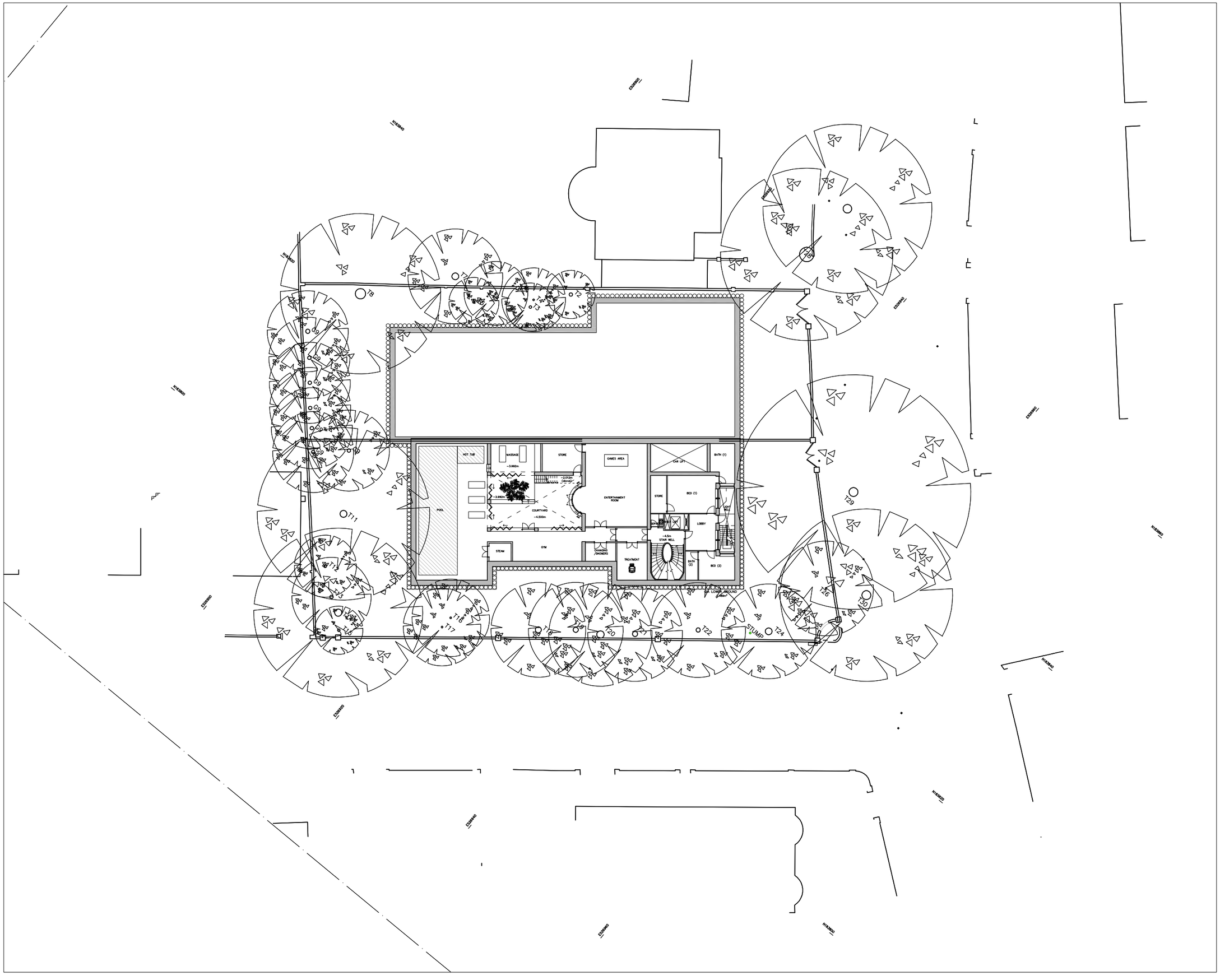
Lees Roxburgh Ltd, Warrington
2004 to 2005
Role: Graduate Engineer

Lees Roxburgh Ltd is an infrastructure design sub-consultant to major housing developments in the North West region of England. My role was to aid the Senior Engineers in the design process which involved liaising with Local Authorities to gain Section 38, 104 and 278 agreements; drainage design to adoptable standards (section 104 agreement) using MicroDrainage WinDes; external works design for housing plots and car park areas; highway design to adoptable standards (section 38 and 278) using PDS and general infrastructure design using AutoCad.

Appendix G

Site Survey Plan

100mm @ A1 [50mm @ A3]



Rev	Date	By	Eng	Amendments
P1	28.09.15	DP	AE	PRELIMINARY ISSUE

HEYNE TILLETT STEEL

STRUCTURAL ENGINEERS

hts.uk.com

Job Name

73-75 Avenure Road
NW8 6JD

Drawing Title

Proposed Site Plan

Purpose of Issue **Preliminary**

Scale at A1 **1:200**

Drawing No. **P080**

Rev. **P1**