APPENDIX E

CGL Interpretative Letter Report

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22 June 2022

Aldo d'Aponte
62 St. Martin's Lane
London
WC2N 4JS

Our ref: CG28408B

Please reply to: Anna Prescott

Dear Aldo

Barrie House, 29 St Edmunds Terrace, London

The following letter report reviews the historical ground investigation undertaken at Barrie House by Soil Consultants in 2012[1] alongside the supplementary ground investigation completed by CGL in 2022[2], providing updated recommendations where applicable. This letter report presents the following:

- A review of the anticipated ground conditions based on published and unpublished sources;
- An interpretation of the ground conditions encountered on site;
- Permeability calculations following the completion of rising head tests;
- A review of the ground gas risk; and
- Basement foundation recommendations following a review of the hydrological conditions.

Site Context

The site, Barrie House, is located at 29 St Edmund's Terrace, London, NW8 7QH. The site is located within the London Borough of Camden. The approximate National Grid Reference for the site is 527495E, 183575N. A site location plan is included as Figure 1.

The site is bound to the south by St Edmund's Terrace and to the west by Broxwood Way. Two rows of terraced houses & apartment blocks are present to the north of the site, referred to as Nos. 32 to 72 Kingsland and Nos. 1 to 16 Kingsland. To the east of the site, buildings named Regent Heights and Nos. 30 to 36 St Edmund's Terrace are positioned. Adjacent to the north-east of the site lies Barrow Hill water treatment plant.

The site comprises a roughly square plot approximately 0.18 hectares in area and is currently occupied by Barrie House, an eight-storey detached residential block, understood to have been constructed in the 1950's. The existing structure is located approximately central within the site and includes a basement beneath the centre of the building.

The proposed development is understood to comprise excavation of a single storey basement under the entire footprint of the existing building and an increase in the number of storeys of the existing building on site.

[1] Soil Consultants. (November 2012). *Ground Investigation Report. Barrie House, 29 St Edmund's Terrace, London NW8 7QH.* 9241/OT/JRCB.

[2] CGL. (June 2022). *Factual Report. Barrie House, 29 St Edmunds Terrace, London.* CG/28408B.

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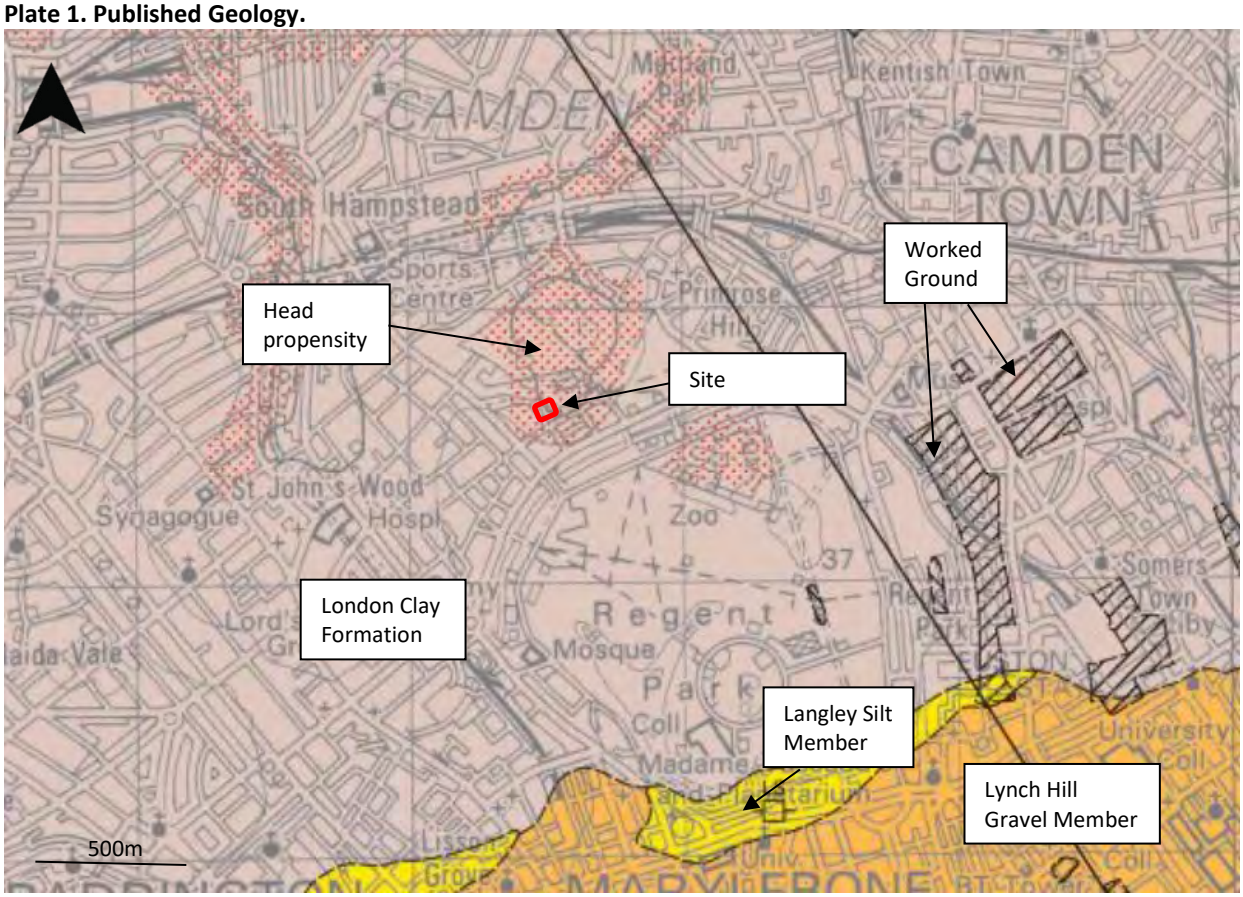
Anticipated Ground Conditions

The published geology of the site is illustrated in Plate 1, below. With reference to the British Geological Survey (BGS) mapping[3], the site is anticipated to be underlain by solid geology of the London Clay Formation, typically comprising firm to stiff blueish grey or greyish brown silty clay. This is anticipated to be some 50m thick on site.

No superficial deposits are mapped on site, however, as illustrated in Plate 1, below, the site lies within an area for 'Head propensity' indicating Quaternary Head deposits are likely to be present based on digital slope analysis.

Superficial deposits comprising the Langley Silt Member and Lynch Hill Gravel Member are recorded some 1.5km south of the site. The Langley Silt Member typically comprises yellowish brown silts and clays, and the Lynch Hill Gravel Member usually consists of sands and gravels, locally with lenses of silt, clay or peat. Worked Ground is recorded approximately 1.2km east of the site.

Plate 1. Published Geology.



[3] British Geological Survey (BGS). *Geology of Britain Viewer*. http://mapapps.bgs.ac.uk/geologyofbritain/home.html. [Accessed March 2022].

Previous investigation (2012)

In September 2012, Soil Consultants[1] undertook a ground investigation on site comprising one cable percussive borehole to 7.5mbgl, three windowless sample boreholes to a maximum depth of 5mbgl, and three foundation inspection trial pits. The windowless sample and cable percussive borehole records and subsequent monitoring data are summarised in Table 1, below.

Table 1. Summary of Soil Consultants 2012 Ground Investigation.

Reference	Base of Borehole (mbgl)	Depth to Top of Stratum (mbgl)		Groundwater Level (mbgl)	
		Made Ground / Topsoil	London Clay Formation	Strike During Drilling	Water Level During Monitoring
BH1	7.5	0.00 [46.00]	0.50 [45.50]	Not observed	Not installed
WS1	5.0	0.00 [45.60]	1.75 [43.85]	1.40	0.95
WS2	5.0	0.00 [44.60]	2.10 [42.50]	Not observed	3.5m
WS3	5.0	0.00 [45.30]	1.62 [43.68]	Not observed	Not installed

Some 0.5m to 2.0m of Made Ground or Topsoil was encountered on site, overlying London Clay Formation. The location of these exploratory holes are illustrated on Figure 2.

Within the London Clay Formation, a total of three SPT 'N' values were recorded between 6 and 16. Assuming an SPT hammer energy ratio of 60 and an f_1 value of 4.5, these correspond to undrained shear strengths of between 27kPa and 72kPa. One undrained triaxial test was undertaken on the clay from 1.1mbgl, recording an undrained shear strength of 51kPa. A total of 43 Hand Shear Vane (HSV) tests were undertaken within the London Clay, recording undrained shear strengths of between 47kPa and 120kPa. These correspond to relative consistencies of 'soft' to 'stiff'[4].

CGL 2022 Investigation

An intrusive ground investigation was carried out at the site by CGL on 5th May 2022[2] and comprised the excavation of four windowless sample boreholes (WS201 to WS204) to a maximum depth of 6.0mbgl, with the installation of ground gas and groundwater monitoring standpipes. The location of the exploratory holes are illustrated in Figure 2.

The ground conditions encountered during the intrusive investigation generally agreed with the published geology, typically comprising Made Ground overlying Weathered London Clay Formation. A propensity for Head was anticipated based on BGS mapping, and deposits considered consistent with Head were identified in WS204. The ground conditions are summarised in Table 2, below.

[4] British Standards Institution. (2020). *Code of practice for site investigations.* BS 5930:2015 +A1:2020.

Table 2. Summary of CGL 2022 Ground Conditions.

Stratum	Top of Stratum (mbgl) [Level (mOD)]	Thickness (m)
Brown, occasionally mottled yellow, occasionally red or light brown mottled black, silty gravelly sand, sandy cobbles, sandy cobbly gravel, or gravelly clay. Sand is fine to medium. Gravel is angular to subrounded fine to coarse of flint, concrete, bound surfacing and brick. Cobbles are angular to subangular of broken brick, concrete, bound surfacing and mortar. Occasional to frequent rootlets noted. Variable hardstanding encountered – 50mm thick paving blocks and 100mm concrete layer encountered in WS201; bound surfacing and reinforced concrete to 0.25mbgl encountered in WS203; and bound surfacing to 0.18mbgl encountered in WS204. Turf was encountered at ground level in WS202. **[MADE GROUND]**	0.00 [46.42 to 46.12]	0.25 to 1.60
Soft light brown slightly sandy cobbly CLAY. Cobbles are angular to subrounded, <150mm diameter, of flint. Sand is fine to medium. Occasional <5mm lignite inclusions. **[HEAD]** *Only encountered in WS204*	0.45 [45.52]	0.45
Soft to firm, becoming firm to stiff with depth, light brown, occasionally mottled yellow, red brown or grey, often sandy CLAY. Sand is fine to coarse. Clay is extremely closely fissured, becoming closely fissured with depth. Occasional inclusions of yellow or orange sand <40mm diameter and 1-10mm thick sand lenses noted throughout. Occasional to frequent, typically <2mm diameter, selenite crystals noted throughout. Occasional <5mm diameter lignite inclusions, relict rootlets and bioturbation noted in WS204. **[WEATHERED LONDON CLAY FORMATION]**	0.25 to 1.6 [45.87 to 43.76]	>5.75 (base not proven)

Plots of SPT 'N_{60}' values versus level and undrained shear strength (C_u) vs level are included as Figure 3 and Figure 4, respectively. Further details of the ground conditions are provided below.

Made Ground

Made Ground was encountered in all window sampler borehole locations to a maximum depth of 1.60mbgl. The stratum was highly variable, typically comprising hardstanding over a silty gravelly sand. The gravel was typically of flint, concrete, brick and bound surfacing. Rootlets were occasionally recorded.

In WS201, 50mm thick paving blocks were encountered at ground level, with an additional 100mm thick concrete layer at 0.2mbgl, and sandy cobbles encountered between 1.3mbgl and 1.6mbgl. No hardstanding was encountered in WS202, where turf was noted at ground level and a soft light brown mottled black gravelly clay was encountered between 0.6mbgl and 1.4mbgl. In WS203, 50mm of bound surfacing was noted overlying reinforced concrete to 0.25mbgl; and in WS204, 180mm of b was encountered from ground level overlying a brown sandy cobbly gravel.

One SPT 'N' value was recorded within this stratum at 8, within the cohesive deposits in WS202. Based on an energy ratio of 65%, this corresponds to an SPT 'N_{60}' value of 9, correlating to an undrained shear strength (C_u) value of 40.5kPa (where f_1 = 4.5)[5] or a relative consistency of 'firm'[4].

[5] Stroud, M. A. (1975). The standard penetration test in insensitive clays and soft rocks, *Proceedings of the European Symposium on Penetration Tests, 2, 367-375.*

Head
Head was only encountered in window sampler borehole WS204 between 0.45mbgl and 0.9mbgl. The stratum comprised soft light brown slightly sandy cobbly clay. The cobbles were of flint and occasional lignite inclusions were noted.

Weathered London Clay Formation
Weathered London Clay Formation were encountered in all exploratory hole locations, proven to a maximum depth of 6mbgl. The stratum typically comprised soft to firm, becoming firm to stiff with depth, light brown, occasionally mottled yellow, red brown or grey, often sandy clay. The clay was typically extremely closely fissured, becoming very closely and closely fissured with depth. Yellow and orange sand inclusions up to 40mm diameter were frequently noted, alongside sand partings up to 10mm diameter. Selenite crystals, typically up to 2mm diameter, were frequently recorded.

Ten SPT 'N' values were recorded within this stratum between 8 and 18. Based on an energy ratio of 65%, these correspond to SPT 'N_{60}' values of between 9 and 20, correlating to undrained shear strength (C_u) of between 36kPa and 90kPa (where $f_1 = 4.5$)[5] and a relative consistency of 'soft' to 'stiff'[4].

A total of 14 Hand Shear Vane (HSV) tests were undertaken within this stratum, recording values of undrained shear strength (C_u) of between 41kPa and 103kPa. These correspond to relative consistencies of 'firm' to 'stiff'.

Ground Model Summary
The ground model encountered on site comprised Made Ground containing variable hard standing surfaces overlying Weathered London Clay Formation. The Made Ground was noted to be thicker in the west of the site (1.6m and 1.4m in WS201 and WS202, respectively), becoming thinner in the east (0.25m and 0.45m in WS203 and WS204, respectively). This is consistent with the Soil Consultants 2012 investigation[1], which recorded 0.5m of Made Ground in BH1 towards the east of the site, and 2.1m of Made Ground in WS2 in the south-west. Head comprising slightly sandy cobbly clay was only encountered in WS204 in the far east of the site.

The underlying Weathered London Clay Formation comprised often sandy clay, typically soft to firm, becoming firm to stiff with depth.

Permeability Testing
Rising head permeability tests were undertaken in three of the window sampler boreholes. Over a significant period of time (between 2 and 4.5 hours) none of the tests completed (i.e. the water did not recover to 75% its original volume) however, permeability results have been summarised in Table 4, below, and are consistent with values for a predominantly silty sandy clay.

Table 3. Summary of Permeability Results.

Location	Length of Test (hours)	Measured Rise in Water Level (m)	Head Recovery (%)	Permeability (m/sec)
WS201	4.5	0.12	10	3.4 x 10-7
WS202	2.0	0.18	6	1.1 x 10-6
WS203	4.0	0.15	23	3.8 x 10-7

Water Summary
The water monitoring results indicate that localised pockets of perched water are present within the Made Ground and Weathered London Clay Formation, between 0.20mbgl and 3.73mbgl (45.92mOD and 41.43mOD). The water strike recorded in borehole WS202 at 2.8mbgl occurred in a sand lens, suggesting pockets of water

are present within granular horizons. The poor recovery of water level during the rising head tests indicates a low permeability within the stratum.

Basement Foundations
A high groundwater table is not anticipated within the vicinity of the proposed basement and as such, contiguous piles would be sufficient for the basement construction. In view of the groundwater seepage encountered, consideration should be given to a narrower gap between piles (~100mm), whilst remaining compatible with installation requirements.

Ground Gases
The ground gas monitoring results indicate that steady flow was not recorded above the detection limit of the equipment of 0.1 l/hr in any exploratory hole; the maximum carbon dioxide concentration detected was 8.2% (in WS201); and methane was not detected above the instrument detection limit of 0.1% in any location. Oxygen concentrations were depleted to a minimum of 12.0% (in WS202) and the maximum Volatile Organic Compound (VOC) concentrations recorded was 1.1 parts per million (ppm) (in WS202).

Gas Screening Values (GSVs) have been calculated in accordance with CIRIA 665[6] and BS 8485:2015+A1:2019[7]. Assuming a worst case scenario, an average maximum steady flow rate of 0.1 l/hr was used, alongside a maximum carbon dioxide concentration of 8.2% and a maximum methane concentration of 0.1%. The maximum worst credible GSVs for carbon dioxide and methane are 0.008 l/hr and 0.0001 l/hr, respectively.

Methane concentrations were not recorded above 1%, however carbon dioxide concentrations elevated above 5% was consistently recorded in WS201. Given the distance of this borehole location from the proposed building development (some 15m) and the absence of steady flow detected across the site, the site is considered to conform to Characteristic Situation (CS) 1.

The risk to future site occupiers from ground gases is considered low as the site is considered to conform to CS1 and no ground gas protection measures are proposed. It is recommended that the absence of gas protection measures is approved by the project warrantors and Building Control prior to commencing construction as additional monitoring visits may be requested.

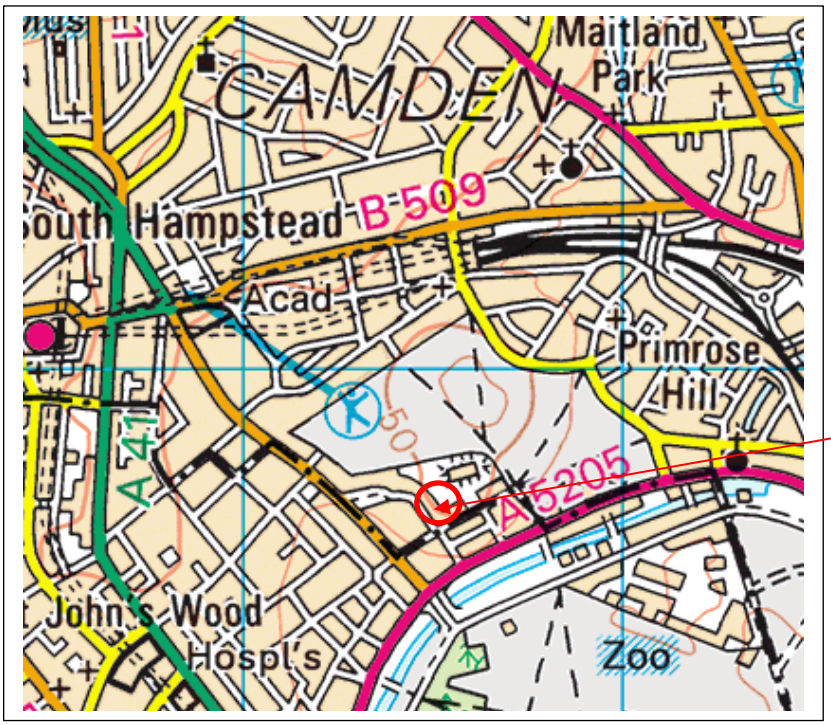
Yours sincerely

Anna Prescott, Senior Engineer
Card Geotechnics Limited

FIGURES

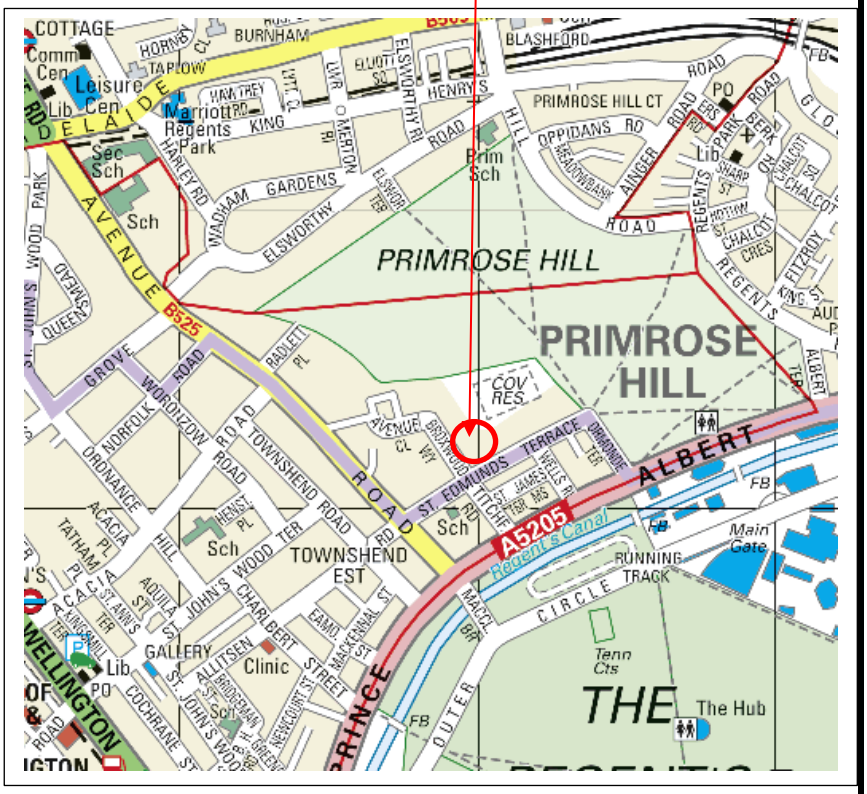
Figure 1	**Site Location Plan**
Figure 2	**Site Layout and Exploratory Hole Location Plan**
Figure 3	**SPT 'N_{60}' Value vs Level**
Figure 4	**Undrained Shear Strength vs Level**

[6] CIRIA. (2007). *Assessing risks posed by hazardous ground gases to buildings*, CIRIA Report C665, London.
[7] British Standards Institute. (2019). *Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings*. BH 8485:2015+A1:2019.



N

Site location: Barrie House, NW8 7QH



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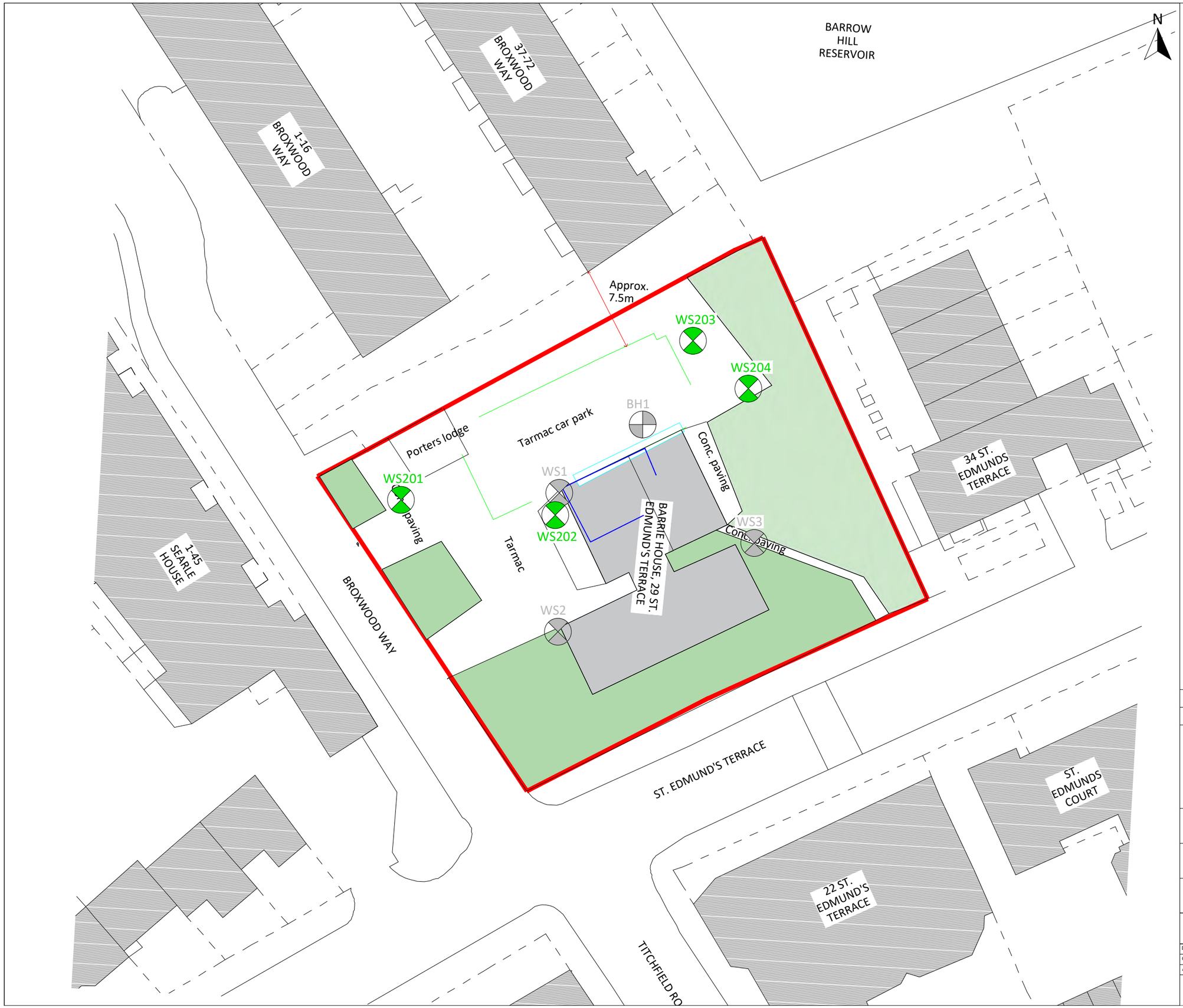
Client	Project	Job No
Broxwood View Limited	**Barrie House, 29 St Edmunds Terrace, London**	**CG/28408B**
CGL	Title: **Site Location Plan**	**Figure 1**



KEY

- Site Boundary
- CGL Window Sampler Boreholes
- Soil Consultants Window Samples (2012)
- Soil Consultants Boreholes (2012)

Notes

1. Site Layout Plan taken from CGL Drawing "CG/28408 Site Layout_1".

Rev	Date	Comments
0	26/05/2022	

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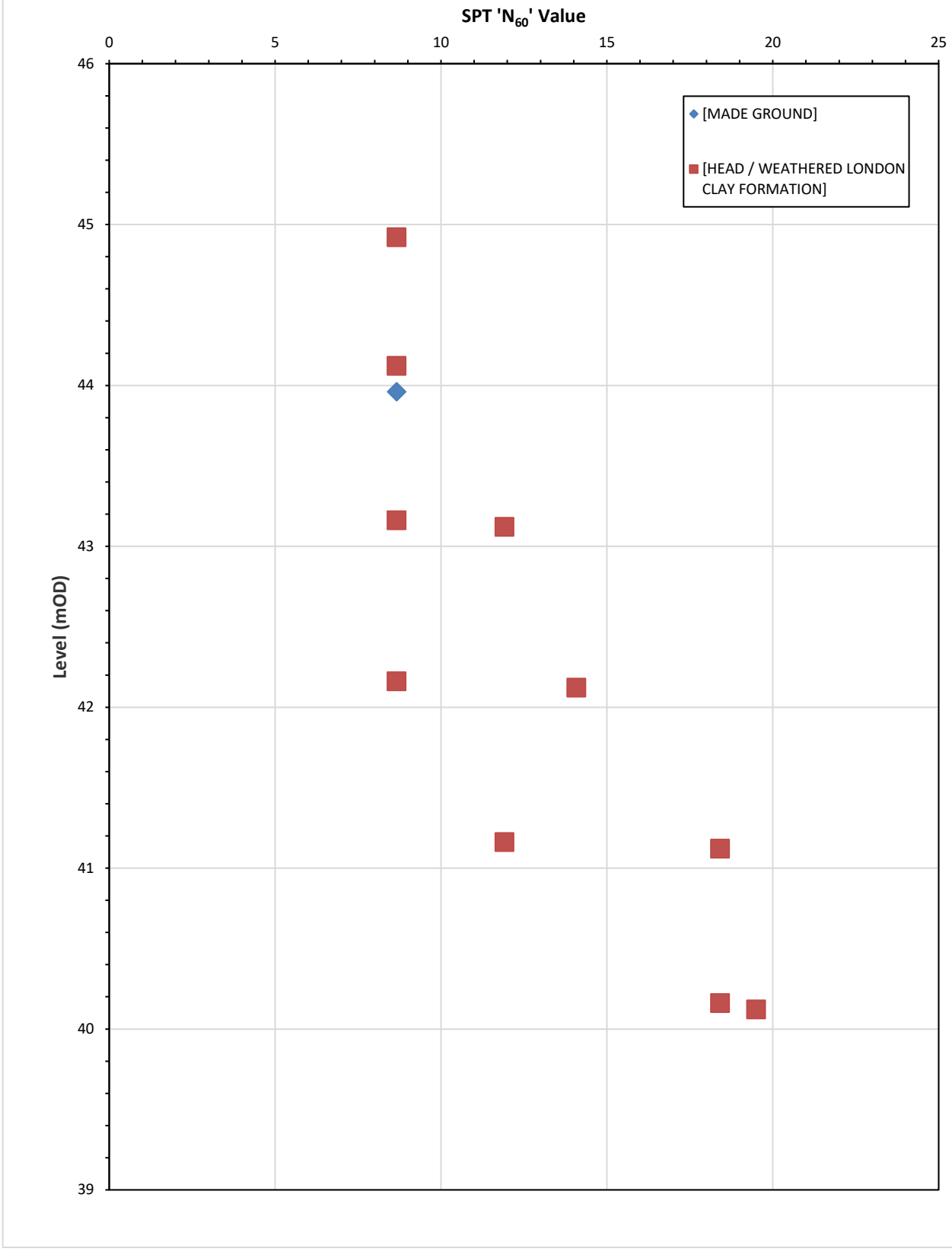
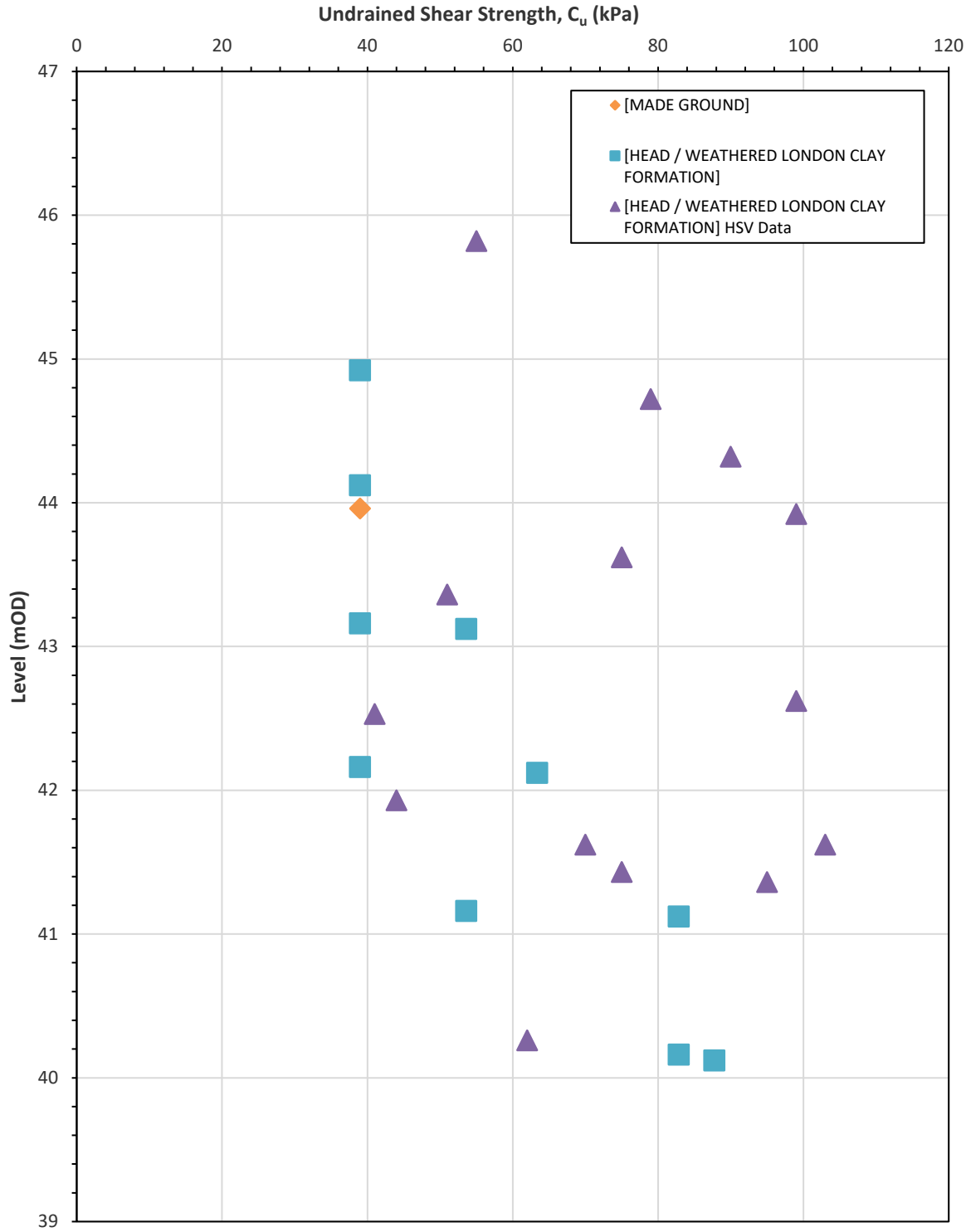
Project	**Barrie House, 29 St Edmunds Terrace, London**
Client	**Broxwood View Limited**
Drawing title	**Figure 2 - Site Layout and Exploratory Hole Location Plan**

Scale(s)	Job No.
NTS	**CG/28408B**

Drawn	OCR	26/05/2022	Dwg No. **CG/28408B-001**	Rev. **0**
Checked	ARA	21/06/2022		
Approved	NJL	22/06/2022		



Client	Project	Job No
Broxwood View Limited	**Barrie House, 29 St Edmunds Terrace, London**	**CG/28408B**
CGL	Title: **SPT 'N60' Value vs Level**	**Figure 3**



Client	Project	Job No
Broxwood View Limited	**Barrie House, 29 St Edmunds Terrace, London**	**CG/28408B**
CGL	Title: **Undrained Shear Strength Value vs Level**	**Figure 4**

APPENDIX F

Modelling Output Results

Units: kN,m

INPUT DATA

SOIL PROFILE

Stratum no.	Elevation of top of stratum	Soil types Left side	Soil types Right side
1	46.00	1 Made Ground	1 Made Ground
2	44.50	2 Head /LC Undrained	2 Head /LC Undrained
3	43.50	4 LC Undrained	4 LC Undrained

SOIL PROPERTIES

-- Soil type -- No.	Description (Datum elev.)	Bulk density kN/m3	Young's Modulus Eh,kN/m2 (dEh/dy)	At rest coeff. Ko (dKo/dy)	Consol state. NC/OC (Nu)	Active limit Ka (Kac)	Passive limit Kp (Kpc)	Cohesion kN/m2 (dc/dy)
1	Made Ground	18.00	15000	0.531	OC (0.200)	0.298 (0.000)	4.393 (0.000)	
2	Head /LC Undrained	20.00	24000	1.000	OC (0.490)	1.000 (2.389)	1.000 (2.390)	40.00u
3	Head /LC Drained	20.00	18000	1.000	OC (0.200)	0.376 (1.401)	3.077 (4.665)	5.000d
4	LC Undrai.. (43.50)	20.00	24000 (6000)	1.000	OC (0.490)	1.000 (2.389)	1.000 (2.390)	40.00u (10.00)
5	LC Drained (43.50)	20.00	18000 (4500)	1.000	OC (0.200)	0.346 (1.340)	3.442 (5.007)	5.000d

Additional soil parameters associated with Ka and Kp

------- Soil type ------- No.	Description	--- parameters for Ka --- Soil friction angle	Wall adhesion coeff.	Back-fill angle	--- parameters for Kp --- Soil friction angle	Wall adhesion coeff.	Back-fill angle
1	Made Ground	28.00	1.000	0.00	28.00	1.000	0.00
2	Head /LC Undrained	0.00	0.500	0.00	0.00	0.500	0.00
3	Head /LC Drained	24.00	0.500	0.00	24.00	0.500	0.00
4	LC Undrained	0.00	0.500	0.00	0.00	0.500	0.00
5	LC Drained	26.00	0.500	0.00	26.00	0.500	0.00

GROUND WATER CONDITIONS

Density of water = 10.00 kN/m3

	Left side	Right side
Initial water table elevation	30.00	30.00

Automatic water pressure balancing at toe of wall : No

WALL PROPERTIES

Type of structure = Fully Embedded Wall
Elevation of toe of wall = 36.60
Maximum finite element length = 0.50 m
Youngs modulus of wall E = 2.8000E+07 kN/m2
Moment of inertia of wall I = 3.1950E-03 m4/m run
E.I = 89460 kN.m2/m run
Yield Moment of wall = Not defined

STRUTS and ANCHORS

Strut/ anchor no.	Elev.	Strut spacing m	X-section area of strut sq.m	Youngs modulus kN/m2	Free length m	Inclin -ation (degs)	Pre- stress /strut kN	Tension allowed
1	43.65	1.00	1.000000	80000	1.00	0.00	0	Yes
2	40.30	1.00	0.950000	1.500E+07	1.00	0.00	0	Yes
3	44.50	1.00	0.300000	1.500E+07	1.00	0.00	0	Yes
4	42.10	1.00	1.000000	80000	1.00	0.00	0	Yes

SURCHARGE LOADS

Surch -arge no.	Elev.	Distance from wall	Length parallel to wall	Width perpend. to wall	Surcharge kN/m2 Near edge	Surcharge kN/m2 Far edge	Equiv. soil type	Partial factor/ Category
1	45.00	0.50(L)	20.00	1.00	10.00	=	N/A	1.00 -

Note: L = Left side, R = Right side
Limit State Categories P/U = Permanent Unfavourable
P/F = Permanent Favourable
Var = Variable (unfavourable)

CONSTRUCTION STAGES

Construction stage no.	Stage description
1	Change EI of wall to 1.0000E-03 kN.m2/m run Yield moment not defined Allow wall to relax with new modulus value
2	Apply surcharge no.1 at elevation 45.00 No analysis at this stage
3	Change EI of wall to 67096 kN.m2/m run Yield moment not defined Reset wall displacements to zero at this stage
4	Excavate to elevation 43.00 on RIGHT side
5	Install strut or anchor no.1 at elevation 43.65
6	Excavate to elevation 39.77 on RIGHT side
7	Install strut or anchor no.2 at elevation 40.30
8	Install strut or anchor no.3 at elevation 44.50
9	Remove strut or anchor no.1 at elevation 43.65
10	Change properties of soil type 2 to soil type 3 Ko pressures will not be reset
11	Change properties of soil type 4 to soil type 5 Ko pressures will not be reset
12	Change EI of wall to 47926 kN.m2/m run Yield moment not defined Allow wall to relax with new modulus value

FACTORS OF SAFETY and ANALYSIS OPTIONS

Limit State options: Serviceability Limit State
All loads and soil strengths are unfactored

Stability analysis:
Method of analysis - Strength Factor method
Factor on soil strength for calculating wall depth = 1.00

Parameters for undrained strata:
Minimum equivalent fluid density = 5.00 kN/m3
Maximum depth of water filled tension crack = 0.00 m

Bending moment and displacement calculation:
Method - Subgrade reaction model using Influence Coefficients
Open Tension Crack analysis? - No
Non-linear Modulus Parameter (L) = 9.300 m

Boundary conditions:
Length of wall (normal to plane of analysis) = 26.50 m

Width of excavation on Left side of wall = 20.00 m
Width of excavation on Right side of wall = 11.50 m

Distance to rigid boundary on Left side = 30.00 m
Distance to rigid boundary on Right side = 30.00 m

OUTPUT OPTIONS

Stage no.	Stage description	Output options: Displacement, Bending mom., Shear force	Active, Passive pressures	Graph. output
1	Change EI of wall to 1.0000E-03kN.m2/m	Yes	Yes	Yes
2	Apply surcharge no.1 at elev. 45.00	No	No	No
3	Change EI of wall to 67096kN.m2/m run	No	No	No
4	Excav. to elev. 43.00 on RIGHT side	Yes	Yes	Yes
5	Install strut no.1 at elev. 43.65	Yes	Yes	Yes
6	Excav. to elev. 39.77 on RIGHT side	Yes	Yes	Yes
7	Install strut no.2 at elev. 40.30	Yes	Yes	Yes
8	Install strut no.3 at elev. 44.50	Yes	Yes	Yes
9	Remove strut no.1 at elev. 43.65	Yes	Yes	Yes
10	Change soil type 2 to soil type 3	Yes	Yes	Yes
11	Change soil type 4 to soil type 5	Yes	Yes	Yes
12	Change EI of wall to 47926kN.m2/m run	Yes	Yes	Yes
*	Summary output	Yes	-	Yes

Units: kN,m

Stage No. 12 Change EI of wall to 47926 kN.m2/m run
Yield moment not defined
Allow wall to relax with new modulus value

STABILITY ANALYSIS of Fully Embedded Wall according to Strength Factor method
Factor of safety on soil strength

Stage No.	--- G.L. --- Act.	Pass.	Strut Elev.	FoS for toe elev. = 36.60 Factor of Safety	Moment equilib. at elev.	Toe elev. for FoS = 1.000 Toe elev.	Wall Penetr -ation	Direction of failure
12	46.00	39.77		More than one strut. No FoS calc.				

BENDING MOMENT and DISPLACEMENT ANALYSIS of Fully Embedded Wall
Analysis options
Length of wall perpendicular to section = 26.50m
Subgrade reaction model - Boussinesq Influence coefficients
Soil deformations are elastic until the active or passive limit is reached
Open Tension Crack analysis - No

Rigid boundaries: Left side 30.00 from wall
Right side 30.00 from wall

Limit State: Serviceability Limit State
Calculated Bending Moments and Strut Forces are to be multiplied by a factor of 1.35 to obtain values for structural design. See summary for factored values.

*** Wall displacements reset to zero at stage 3

Node no.	Y coord	Nett pressure kN/m2	Wall disp. m	Wall rotation rad.	Shear force kN/m	Bending moment kN.m/m	Strut forces kN/m	EI of wall kN.m2/m
1	46.00	0.00	0.005	-1.83E-04	0.0	0.0		47926
2	45.50	23.44	0.005	-1.84E-04	5.9	0.1		47926
3	45.00	17.11	0.006	-2.16E-04	16.0	6.1		47926
4	44.50	11.06	0.006	-3.33E-04	23.0	16.3	57.9	47926
		13.03	0.006	-3.33E-04	-34.8	16.3		
5	44.08	9.59	0.006	-4.18E-04	-30.0	2.5		47926
6	43.65	11.64	0.006	-3.90E-04	-25.5	-9.5		47926
7	43.50	12.36	0.006	-3.56E-04	-23.7	-13.2		47926
8	43.00	14.77	0.006	-1.79E-04	-16.9	-21.9		47926
9	42.50	17.80	0.006	7.85E-05	-8.8	-28.9		47926
10	42.00	21.14	0.006	3.84E-04	0.9	-31.4		47926
11	41.50	24.49	0.006	6.88E-04	12.3	-28.6		47926
12	41.00	27.85	0.005	9.19E-04	25.4	-17.6		47926
13	40.65	31.54	0.005	1.00E-03	35.8	-7.0		47926
14	40.30	40.63	0.005	9.92E-04	48.4	7.5	75.4	47926
		40.63	0.005	9.92E-04	-27.0	7.5		
15	40.04	47.80	0.005	9.60E-04	-15.3	2.0		47926
16	39.77	55.10	0.004	9.50E-04	-1.6	-0.1		47926
		30.48	0.004	9.50E-04	-1.6	-0.1		
17	39.39	15.02	0.004	9.41E-04	7.1	1.2		47926
18	39.00	-0.38	0.004	9.15E-04	9.9	4.6		47926
19	38.50	-20.62	0.003	8.45E-04	4.7	8.4		47926
20	38.00	-12.28	0.003	7.58E-04	-3.5	8.3		47926
21	37.50	-1.53	0.002	6.89E-04	-7.0	5.0		47926
22	37.05	8.31	0.002	6.59E-04	-5.5	1.7		47926
23	36.60	15.91	0.002	6.51E-04	0.0	0.0		---

At elev. 44.50 Strut force = 57.9 kN/strut = 57.9 kN/m run
At elev. 40.30 Strut force = 75.4 kN/strut = 75.4 kN/m run

(continued)

Stage No.12 Change EI of wall to 47926 kN.m2/m run
Yield moment not defined
Allow wall to relax with new modulus value

Units: kN,m

Summary of results

LIMIT STATE PARAMETERS

Limit State: Serviceability Limit State
All loads and soil strengths are unfactored

STABILITY ANALYSIS of Fully Embedded Wall according to Strength Factor method

Factor of safety on soil strength

Stage No.	--- G.L. --- Act.	Pass.	Strut Elev.	FoS for toe elev. = 36.60 Factor of Safety	Moment equilib. at elev.	Toe elev. for FoS = 1.000 Toe elev.	Wall Penetr -ation	Direction of failure
1	46.00	46.00	Cant.	Conditions not suitable for FoS calc.				
2	46.00	46.00		No analysis at this stage				
3	46.00	46.00		No analysis at this stage				
4	46.00	43.00	Cant.	3.879	37.32	41.75	1.25	L to R
5	46.00	43.00		No analysis at this stage				
6	46.00	39.77	43.65	3.156	n/a	39.50	0.27	L to R
7	46.00	39.77		No analysis at this stage				

All remaining stages have more than one strut - FoS calculation n/a

Units: kN,m

Summary of results

BENDING MOMENT and DISPLACEMENT ANALYSIS of Fully Embedded Wall

Analysis options

Length of wall perpendicular to section = 26.50m
Subgrade reaction model - Boussinesq Influence coefficients
Soil deformations are elastic until the active or passive limit is reached
Open Tension Crack analysis - No

Rigid boundaries: Left side 30.00 from wall
Right side 30.00 from wall

Limit State: Serviceability Limit State

Calculated Bending Moments and Strut Forces have been multiplied by a factor of 1.35 to obtain values for structural design.

Bending moment, shear force and displacement envelopes

Node no.	Y coord	Displacement		Bending moment Calculated		Bending moment Factored		Shear force Calculated		Shear force Factored	
		max.	min.	max.	min.	max.	min.	max.	min.	max.	min.
		m	m	kN.m/m		kN.m/m		kN/m	kN/m	kN/m	kN/m
1	46.00	0.009	0.000	0	0	0	0	0	0	0	0
2	45.50	0.008	0.000	0	0	0	0	6	0	8	0
3	45.00	0.007	0.000	6	0	8	0	16	0	22	0
4	44.50	0.006	0.000	17	0	22	0	23	-39	31	-52
5	44.08	0.006	0.000	22	0	29	0	23	-34	31	-46
6	43.65	0.006	0.000	32	-12	44	-16	28	-48	38	-65
7	43.50	0.006	0.000	25	-16	34	-22	16	-46	22	-63
8	43.00	0.006	0.000	25	-27	34	-36	24	-40	33	-53
9	42.50	0.006	0.000	33	-35	45	-48	9	-31	12	-42
10	42.00	0.006	0.000	34	-40	46	-54	1	-22	1	-30
11	41.50	0.006	0.000	31	-39	42	-53	12	-11	17	-15
12	41.00	0.005	0.000	25	-36	34	-49	25	-12	34	-16
13	40.65	0.005	0.000	21	-34	28	-46	36	-12	48	-16
14	40.30	0.005	0.000	17	-28	23	-38	48	-27	65	-36
15	40.04	0.005	0.000	14	-20	18	-28	36	-15	48	-21
16	39.77	0.004	0.000	11	-9	15	-12	49	-10	66	-13
17	39.39	0.004	0.000	14	-0	19	-1	30	-8	40	-11
18	39.00	0.004	0.000	19	0	26	0	14	-6	19	-8
19	38.50	0.003	0.000	19	0	26	0	6	-5	8	-7
20	38.00	0.003	0.000	14	0	19	0	0	-12	0	-16
21	37.50	0.002	0.000	8	0	10	0	0	-12	0	-17
22	37.05	0.002	0.000	2	0	3	0	0	-8	0	-11
23	36.60	0.002	0.000	0	-0	0	-0	0	-0	0	-0

Summary of results (continued)

Calculated Bending Moments and Strut Forces have been multiplied by a factor of 1.35 to obtain values for structural design.

Maximum and minimum bending moment and shear force at each stage

Stage	Bending moment						Shear force					
	Calculated				Factored		Calculated				Factored	
no.	max.	elev.	min.	elev.	max.	min.	max.	elev.	min.	elev.	max.	min.
	kN.m/m		kN.m/m		kN.m/m		kN/m		kN/m		kN/m	kN/m
1	0	46.00	0	46.00	0	0	0	46.00	0	46.00	0	0
2	No calculation at this stage											
3	No calculation at this stage											
4	34	42.00	-0	36.60	46	-0	24	43.00	-12	40.65	33	-16
5	No calculation at this stage											
6	32	43.65	-36	41.00	44	-49	49	39.77	-48	43.65	66	-65
7	No calculation at this stage											
8	No calculation at this stage											
9	19	39.00	-40	42.00	26	-54	42	40.30	-39	44.50	57	-52
10	19	39.00	-40	42.00	26	-54	42	40.30	-39	44.50	57	-52
11	16	44.50	-34	42.00	22	-46	48	40.30	-37	44.50	65	-50
12	16	44.50	-31	42.00	22	-42	48	40.30	-35	44.50	65	-47

Maximum and minimum displacement at each stage

Stage	Displacement				Stage description
no.	maximum	elev.	minimum	elev.	
	m		m		
1	0.000	46.00	0.000	46.00	Change EI of wall to 1.0000E-03kN.m2/m run
2	No calculation at this stage				Apply surcharge no.1 at elev. 45.00
3	Wall displacements reset to zero				Change EI of wall to 67096kN.m2/m run
4	0.009	46.00	0.000	46.00	Excav. to elev. 43.00 on RIGHT side
5	No calculation at this stage				Install strut no.1 at elev. 43.65
6	0.006	46.00	0.000	46.00	Excav. to elev. 39.77 on RIGHT side
7	No calculation at this stage				Install strut no.2 at elev. 40.30
8	No calculation at this stage				Install strut no.3 at elev. 44.50
9	0.006	42.50	0.000	46.00	Remove strut no.1 at elev. 43.65
10	0.006	42.50	0.000	46.00	Change soil type 2 to soil type 3
11	0.006	42.50	0.000	46.00	Change soil type 4 to soil type 5
12	0.006	42.50	0.000	46.00	Change EI of wall to 47926kN.m2/m run

Summary of results (continued)

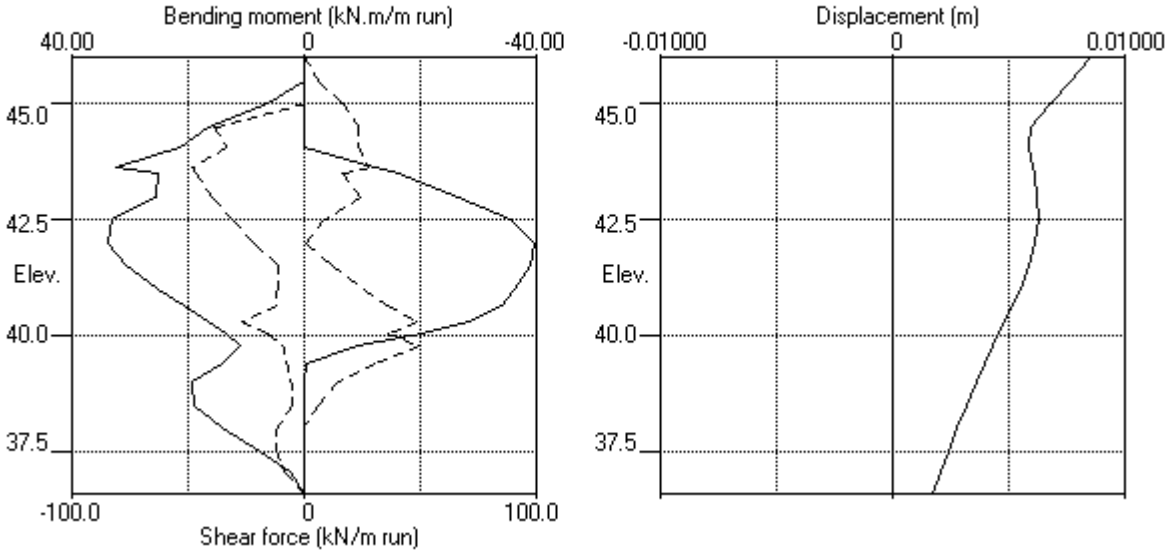
Calculated Bending Moments and Strut Forces have been multiplied by a factor of 1.35 to obtain values for structural design.

Strut forces at each stage (horizontal components)

Stage no.	Strut no. 1 at elev. 43.65			Strut no. 2 at elev. 40.30			Strut no. 3 at elev. 44.50		
	--Calculated-- kN per m run	kN per strut	Factored kN per strut	--Calculated-- kN per m run	kN per strut	Factored kN per strut	--Calculated-- kN per m run	kN per strut	Factored kN per strut
6	76	76	103	---	---	---	---	---	---
9	---	---	---	29	29	39	62	62	84
10	---	---	---	29	29	39	62	62	84
11	---	---	---	71	71	97	59	59	80
12	---	---	---	75	75	102	58	58	78

Units: kN,m

Bending moment, shear force, displacement envelopes



Units: kN,m

INPUT DATA

SOIL PROFILE

Stratum no.	Elevation of top of stratum	Soil types Left side	Soil types Right side
1	45.00	1 Made Ground	1 Made Ground
2	44.50	2 Head /LC Undrained	2 Head /LC Undrained
3	43.50	4 LC Undrained	4 LC Undrained

SOIL PROPERTIES

-- Soil type -- No.	Description (Datum elev.)	Bulk density kN/m3	Young's Modulus Eh,kN/m2 (dEh/dy)	At rest coeff. Ko (dKo/dy)	Consol state. NC/OC (Nu)	Active limit Ka (Kac)	Passive limit Kp (Kpc)	Cohesion kN/m2 (dc/dy)
1	Made Ground	18.00	15000	0.531	OC (0.200)	0.298 (0.000)	4.393 (0.000)	
2	Head /LC Undrained	20.00	24000	1.000	OC (0.490)	1.000 (2.389)	1.000 (2.390)	40.00u
3	Head /LC Drained	20.00	18000	1.000	OC (0.200)	0.376 (1.401)	3.077 (4.665)	5.000d
4	LC Undrai.. (43.50)	20.00	24000 (6000)	1.000	OC (0.490)	1.000 (2.389)	1.000 (2.390)	40.00u (10.00)
5	LC Drained (43.50)	20.00	18000 (4500)	1.000	OC (0.200)	0.346 (1.340)	3.442 (5.007)	5.000d

Additional soil parameters associated with Ka and Kp

------- Soil type ------- No.	Description	--- parameters for Ka --- Soil friction angle	Wall adhesion coeff.	Back-fill angle	--- parameters for Kp --- Soil friction angle	Wall adhesion coeff.	Back-fill angle
1	Made Ground	28.00	1.000	0.00	28.00	1.000	0.00
2	Head /LC Undrained	0.00	0.500	0.00	0.00	0.500	0.00
3	Head /LC Drained	24.00	0.500	0.00	24.00	0.500	0.00
4	LC Undrained	0.00	0.500	0.00	0.00	0.500	0.00
5	LC Drained	26.00	0.500	0.00	26.00	0.500	0.00

GROUND WATER CONDITIONS

Density of water = 10.00 kN/m3

	Left side	Right side
Initial water table elevation	30.00	30.00

Automatic water pressure balancing at toe of wall : No

WALL PROPERTIES

Type of structure = Fully Embedded Wall
Elevation of toe of wall = 28.60
Maximum finite element length = 1.00 m
Youngs modulus of wall E = 3.0000E+07 kN/m2
Moment of inertia of wall I = 9.0880E-03 m4/m run
E.I = 272640 kN.m2/m run
Yield Moment of wall = Not defined

STRUTS and ANCHORS

Strut/ anchor no.	Elev.	Strut spacing m	X-section area of strut sq.m	Youngs modulus kN/m2	Free length m	Inclin -ation (degs)	Pre- stress /strut kN	Tension allowed
1	43.65	1.00	1.000000	80000	1.00	0.00	0	Yes
2	40.30	1.00	0.950000	1.500E+07	1.00	0.00	0	Yes
3	44.50	1.00	0.300000	1.500E+07	1.00	0.00	0	Yes
4	42.10	1.00	1.000000	80000	1.00	0.00	0	Yes

SURCHARGE LOADS

Surch -arge no.	Elev.	Distance from wall	Length parallel to wall	Width perpend. to wall	Surcharge kN/m2 Near edge	Far edge	Equiv. soil type	Partial factor/ Category
1	45.00	1.25(L)	20.00	20.00	5.00	=	N/A	1.00 -
2	43.70	0.25(L)	2.00	2.00	220.00	=	N/A	1.00 -
3	43.70	0.25(L)	2.00	2.00	50.00	=	N/A	1.00 -

Note: L = Left side, R = Right side
Limit State Categories P/U = Permanent Unfavourable
P/F = Permanent Favourable
Var = Variable (unfavourable)

CONSTRUCTION STAGES

Construction stage no.	Stage description
1	Change EI of wall to 1.0000E-03 kN.m2/m run Yield moment not defined Allow wall to relax with new modulus value
2	Apply surcharge no.1 at elevation 45.00 No analysis at this stage
3	Apply surcharge no.2 at elevation 43.70 No analysis at this stage
4	Change EI of wall to 190852 kN.m2/m run Yield moment not defined Reset wall displacements to zero at this stage
5	Excavate to elevation 43.00 on RIGHT side
6	Install strut or anchor no.1 at elevation 43.65
7	Excavate to elevation 41.60 on RIGHT side
8	Install strut or anchor no.4 at elevation 42.10
9	Excavate to elevation 39.77 on RIGHT side
10	Install strut or anchor no.2 at elevation 40.30
11	Remove strut or anchor no.4 at elevation 42.10
12	Install strut or anchor no.3 at elevation 44.50
13	Remove strut or anchor no.1 at elevation 43.65
14	Change properties of soil type 2 to soil type 3 Ko pressures will not be reset
15	Change properties of soil type 4 to soil type 5 Ko pressures will not be reset
16	Change EI of wall to 136323 kN.m2/m run Yield moment not defined Allow wall to relax with new modulus value
17	Apply surcharge no.3 at elevation 43.70

FACTORS OF SAFETY and ANALYSIS OPTIONS

Limit State options: Serviceability Limit State
All loads and soil strengths are unfactored

Stability analysis:
Method of analysis - Strength Factor method
Factor on soil strength for calculating wall depth = 1.00

Parameters for undrained strata:
Minimum equivalent fluid density = 5.00 kN/m3
Maximum depth of water filled tension crack = 0.00 m

Bending moment and displacement calculation:
Method - Subgrade reaction model using Influence Coefficients
Open Tension Crack analysis? - No
Non-linear Modulus Parameter (L) = 15.00 m

Boundary conditions:
Length of wall (normal to plane of analysis) = 26.50 m

Width of excavation on Left side of wall = 20.00 m
Width of excavation on Right side of wall = 11.50 m

Distance to rigid boundary on Left side = 30.00 m
Distance to rigid boundary on Right side = 30.00 m

OUTPUT OPTIONS

Stage no.	Stage description	Output options: Displacement, Bending mom., Shear force	Active, Passive pressures	Graph. output
1	Change EI of wall to 1.0000E-03kN.m2/m	No	No	No
2	Apply surcharge no.1 at elev. 45.00	No	No	No
3	Apply surcharge no.2 at elev. 43.70	No	No	No
4	Change EI of wall to 190852kN.m2/m run	Yes	Yes	Yes
5	Excav. to elev. 43.00 on RIGHT side	Yes	Yes	Yes
6	Install strut no.1 at elev. 43.65	Yes	Yes	Yes
7	Excav. to elev. 41.60 on RIGHT side	Yes	Yes	Yes
8	Install strut no.4 at elev. 42.10	Yes	Yes	Yes
9	Excav. to elev. 39.77 on RIGHT side	Yes	Yes	Yes
10	Install strut no.2 at elev. 40.30	Yes	Yes	Yes
11	Remove strut no.4 at elev. 42.10	No	No	No
12	Install strut no.3 at elev. 44.50	Yes	Yes	Yes
13	Remove strut no.1 at elev. 43.65	Yes	Yes	Yes
14	Change soil type 2 to soil type 3	Yes	Yes	Yes
15	Change soil type 4 to soil type 5	Yes	Yes	Yes
16	Change EI of wall to 136323kN.m2/m run	Yes	Yes	Yes
17	Apply surcharge no.3 at elev. 43.70	Yes	Yes	Yes
*	Summary output	Yes	-	Yes

Units: kN,m

Stage No. 17 Apply surcharge no.3 at elevation 43.70

STABILITY ANALYSIS of Fully Embedded Wall according to Strength Factor method

Factor of safety on soil strength

Stage No.	--- G.L. --- Act.	Pass.	Strut Elev.	FoS for toe elev. = 28.60 Factor of Safety	Moment equilib. at elev.	Toe elev. for FoS = 1.000 Toe elev.	Wall Penetr -ation	Direction of failure
17	45.00	39.77		More than one strut. No FoS calc.				

BENDING MOMENT and DISPLACEMENT ANALYSIS of Fully Embedded Wall

Analysis options

Length of wall perpendicular to section = 26.50m
Subgrade reaction model - Boussinesq Influence coefficients
Soil deformations are elastic until the active or passive limit is reached
Open Tension Crack analysis - No

Rigid boundaries: Left side 30.00 from wall
Right side 30.00 from wall

Limit State: Serviceability Limit State

Calculated Bending Moments and Strut Forces are to be multiplied by a factor of 1.35 to obtain values for structural design. See summary for factored values.

*** Wall displacements reset to zero at stage 4

Node no.	Y coord	Nett pressure kN/m2	Wall disp. m	Wall rotation rad.	Shear force kN/m	Bending moment kN.m/m	Strut forces kN/m	EI of wall kN.m2/m
1	45.00	0.00	0.010	-1.97E-04	0.0	0.0		136323
2	44.50	7.28	0.011	-1.97E-04	1.8	0.1	73.6	136323
		12.24	0.011	-1.97E-04	-71.7	0.1		
3	43.70	5.80	0.011	-4.24E-05	-64.5	-53.6		136323
4	43.65	6.05	0.011	-2.24E-05	-64.2	-56.9		136323
5	43.50	16.20	0.011	4.46E-05	-62.6	-66.5		136323
		14.65	0.011	4.46E-05	-62.6	-66.5		
6	43.00	67.97	0.011	3.29E-04	-41.9	-90.5		136323
7	42.10	70.16	0.010	9.50E-04	20.3	-100.4		136323
8	41.60	61.25	0.009	1.27E-03	53.1	-82.2		136323
9	40.95	56.64	0.009	1.55E-03	91.4	-35.6		136323
10	40.30	59.94	0.008	1.54E-03	129.3	35.1	165.5	136323
		59.94	0.008	1.54E-03	-36.2	35.1		
11	39.77	66.42	0.007	1.42E-03	-2.7	25.1		136323
		41.99	0.007	1.42E-03	-2.7	25.1		
12	38.89	-3.19	0.006	1.23E-03	14.4	32.1		136323
13	38.00	-16.46	0.005	1.00E-03	5.7	40.8		136323
14	37.00	-6.49	0.004	7.28E-04	-5.7	38.0		136323
15	36.00	-0.18	0.003	5.01E-04	-9.1	28.4		136323
16	35.00	2.57	0.003	3.46E-04	-7.9	18.2		136323
17	34.00	2.93	0.002	2.53E-04	-5.1	10.5		136323
18	33.00	2.13	0.002	2.03E-04	-2.6	5.8		136323
19	32.00	1.07	0.002	1.76E-04	-1.0	3.2		136323
20	31.00	0.25	0.002	1.60E-04	-0.3	1.8		136323
21	30.00	-0.11	0.002	1.51E-04	-0.3	0.9		136323
22	29.30	0.05	0.002	1.48E-04	-0.3	0.4		136323
23	28.60	0.79	0.001	1.47E-04	-0.0	0.0		---

At elev. 44.50 Strut force = 73.6 kN/strut = 73.6 kN/m run
At elev. 40.30 Strut force = 165.5 kN/strut = 165.5 kN/m run

(continued)

Stage No.17 Apply surcharge no.3 at elevation 43.70

Units: kN,m

Summary of results

LIMIT STATE PARAMETERS

Limit State: Serviceability Limit State
All loads and soil strengths are unfactored

STABILITY ANALYSIS of Fully Embedded Wall according to Strength Factor method

Factor of safety on soil strength

Stage No.	--- G.L. --- Act.	Pass.	Strut Elev.	FoS for toe elev. = 28.60 Factor of Safety	Moment equilib. at elev.	Toe elev. for FoS = 1.000 Toe elev.	Wall Penetr -ation	Direction of failure
1	45.00	45.00	Cant.	Conditions not suitable for FoS calc.				
2	45.00	45.00		No analysis at this stage				
3	45.00	45.00		No analysis at this stage				
4	45.00	45.00		No analysis at this stage				
5	45.00	43.00	Cant.	4.350	30.84	42.45	0.55	L to R
6	45.00	43.00		No analysis at this stage				
7	45.00	41.60	43.65	8.719	n/a	41.41	0.19	L to R
8	45.00	41.60		No analysis at this stage				

All remaining stages have more than one strut - FoS calculation n/a

Units: kN,m

Summary of results

BENDING MOMENT and DISPLACEMENT ANALYSIS of Fully Embedded Wall

Analysis options

Length of wall perpendicular to section = 26.50m
Subgrade reaction model - Boussinesq Influence coefficients
Soil deformations are elastic until the active or passive limit is reached
Open Tension Crack analysis - No

Rigid boundaries: Left side 30.00 from wall
Right side 30.00 from wall

Limit State: Serviceability Limit State

Calculated Bending Moments and Strut Forces have been multiplied by a factor of 1.35 to obtain values for structural design.

Bending moment, shear force and displacement envelopes

Node no.	Y coord	Displacement		Bending moment Calculated		Bending moment Factored		Shear force Calculated		Shear force Factored	
		max.	min.	max.	min.	max.	min.	max.	min.	max.	min.
		m	m	kN.m/m		kN.m/m		kN/m	kN/m	kN/m	kN/m
1	45.00	0.011	0.000	0	0	0	0	0	0	0	0
2	44.50	0.011	0.000	0	0	0	0	2	-74	3	-99
3	43.70	0.011	0.000	7	-54	9	-73	11	-66	14	-89
4	43.65	0.011	0.000	7	-58	10	-78	11	-95	15	-128
5	43.50	0.011	0.000	3	-67	4	-91	6	-94	8	-126
6	43.00	0.011	0.000	12	-93	17	-125	28	-75	37	-102
7	42.10	0.010	0.000	36	-108	49	-146	27	-68	37	-92
8	41.60	0.009	0.000	49	-95	66	-128	63	-34	85	-45
9	40.95	0.009	0.000	62	-67	83	-91	91	0	123	0
10	40.30	0.008	0.000	68	-52	92	-70	129	-36	175	-49
11	39.77	0.007	0.000	68	-22	92	-29	74	-3	100	-4
12	38.89	0.006	0.000	60	0	81	0	41	-11	56	-15
13	38.00	0.005	0.000	58	0	79	0	15	-15	20	-20
14	37.00	0.004	0.000	51	0	69	0	0	-14	0	-19
15	36.00	0.003	0.000	41	0	55	0	0	-13	0	-17
16	35.00	0.003	0.000	28	0	38	0	0	-12	0	-16
17	34.00	0.002	0.000	17	0	22	0	0	-9	0	-12
18	33.00	0.002	0.000	9	0	13	0	0	-6	0	-8
19	32.00	0.002	0.000	5	0	7	0	0	-3	0	-4
20	31.00	0.002	0.000	3	0	4	0	0	-1	0	-2
21	30.00	0.002	0.000	1	0	1	0	0	-1	0	-1
22	29.30	0.002	0.000	0	0	1	0	0	-1	0	-1
23	28.60	0.001	0.000	0	-0	0	-0	0	-0	0	-0

Summary of results (continued)

Calculated Bending Moments and Strut Forces have been multiplied by a factor of 1.35 to obtain values for structural design.

Maximum and minimum bending moment and shear force at each stage

Stage	Bending moment						Shear force					
	Calculated				Factored		Calculated				Factored	
no.	max.	elev.	min.	elev.	max.	min.	max.	elev.	min.	elev.	max.	min.
	kN.m/m		kN.m/m		kN.m/m		kN/m		kN/m		kN/m	kN/m
1	0	45.00	0	45.00	0	0	0	45.00	0	45.00	0	0
2	No calculation at this stage											
3	No calculation at this stage											
4	No calculation at this stage											
5	68	39.77	-0	28.60	92	-0	28	43.00	-15	38.00	37	-20
6	No calculation at this stage											
7	60	38.89	-44	42.10	81	-60	63	41.60	-66	43.65	85	-90
8	No calculation at this stage											
9	51	37.00	-67	40.95	69	-91	74	39.77	-68	42.10	100	-92
10	No calculation at this stage											
11	55	38.00	-88	42.10	74	-119	92	40.30	-95	43.65	124	-128
12	No calculation at this stage											
13	58	38.00	-108	42.10	79	-146	114	40.30	-73	44.50	154	-99
14	58	38.00	-108	42.10	79	-146	114	40.30	-74	44.50	154	-99
15	47	37.00	-100	42.10	63	-136	119	40.30	-71	44.50	161	-96
16	41	38.00	-95	42.10	56	-128	119	40.30	-67	44.50	161	-91
17	41	38.00	-100	42.10	55	-136	129	40.30	-72	44.50	175	-97

Maximum and minimum displacement at each stage

Stage	Displacement				Stage description
no.	maximum	elev.	minimum	elev.	
	m		m		
1	0.000	45.00	0.000	45.00	Change EI of wall to 1.0000E-03kN.m2/m run
2	No calculation at this stage				Apply surcharge no.1 at elev. 45.00
3	No calculation at this stage				Apply surcharge no.2 at elev. 43.70
4	Wall displacements reset to zero				Change EI of wall to 190852kN.m2/m run
5	0.011	45.00	0.000	45.00	Excav. to elev. 43.00 on RIGHT side
6	No calculation at this stage				Install strut no.1 at elev. 43.65
7	0.011	45.00	0.000	45.00	Excav. to elev. 41.60 on RIGHT side
8	No calculation at this stage				Install strut no.4 at elev. 42.10
9	0.010	45.00	0.000	45.00	Excav. to elev. 39.77 on RIGHT side
10	No calculation at this stage				Install strut no.2 at elev. 40.30
11	0.011	45.00	0.000	45.00	Remove strut no.4 at elev. 42.10
12	No calculation at this stage				Install strut no.3 at elev. 44.50
13	0.011	45.00	0.000	45.00	Remove strut no.1 at elev. 43.65
14	0.011	45.00	0.000	45.00	Change soil type 2 to soil type 3
15	0.011	45.00	0.000	45.00	Change soil type 4 to soil type 5
16	0.011	43.70	0.000	45.00	Change EI of wall to 136323kN.m2/m run
17	0.011	43.65	0.000	45.00	Apply surcharge no.3 at elev. 43.70

Summary of results (continued)

Calculated Bending Moments and Strut Forces have been multiplied by a factor of 1.35 to obtain values for structural design.

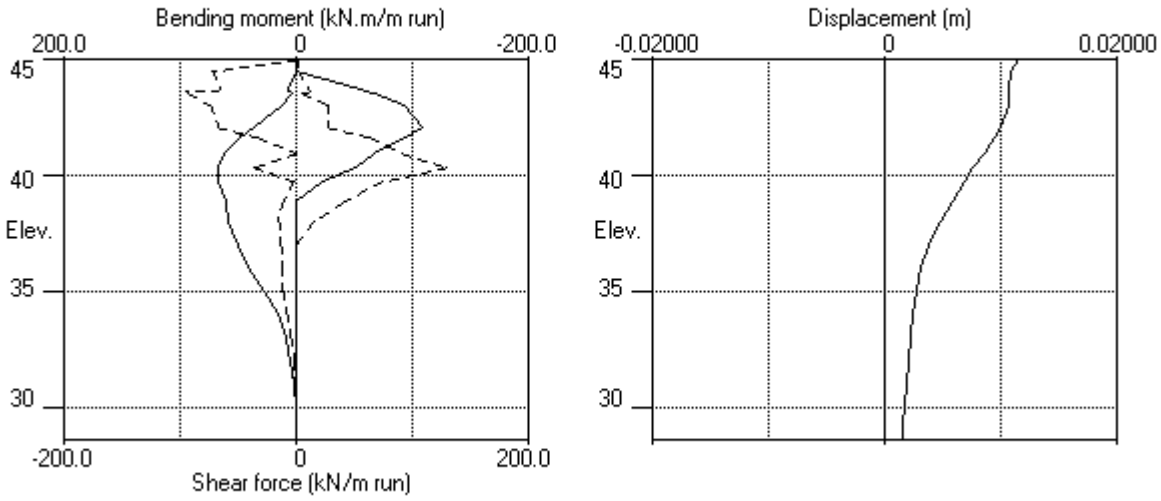
Strut forces at each stage (horizontal components)

Stage no.	Strut no. 1 at elev. 43.65			Strut no. 2 at elev. 40.30			Strut no. 3 at elev. 44.50		
	--Calculated-- kN per m run	kN per strut	Factored kN per strut	--Calculated-- kN per m run	kN per strut	Factored kN per strut	--Calculated-- kN per m run	kN per strut	Factored kN per strut
7	71	71	96	---	---	---	---	---	---
9	72	72	98	---	---	---	---	---	---
11	104	104	141	65	65	88	---	---	---
13	---	---	---	96	96	130	75	75	101
14	---	---	---	97	97	130	75	75	102
15	---	---	---	142	142	192	73	73	98
16	---	---	---	150	150	202	69	69	93
17	---	---	---	166	166	223	74	74	99

Stage no.	Strut no. 4 at elev. 42.10		
	--Calculated-- kN per m run	kN per strut	Factored kN per strut
9	91	91	123

Units: kN,m

Bending moment, shear force, displacement envelopes



Units: kN,m

INPUT DATA

SOIL PROFILE

Stratum no.	Elevation of top of stratum	Soil types Left side	Soil types Right side
1	45.00	1 Made Ground	1 Made Ground
2	44.50	2 Head /LC Undrained	2 Head /LC Undrained
3	43.50	4 LC Undrained	4 LC Undrained

SOIL PROPERTIES

-- Soil type -- No.	Description (Datum elev.)	Bulk density kN/m3	Young's Modulus Eh,kN/m2 (dEh/dy)	At rest coeff. Ko (dKo/dy)	Consol state. NC/OC (Nu)	Active limit Ka (Kac)	Passive limit Kp (Kpc)	Cohesion kN/m2 (dc/dy)
1	Made Ground	18.00	15000	0.531	OC (0.200)	0.298 (0.000)	4.393 (0.000)	
2	Head /LC Undrained	20.00	24000	1.000	OC (0.490)	1.000 (2.389)	1.000 (2.390)	40.00u
3	Head /LC Drained	20.00	18000	1.000	OC (0.200)	0.376 (1.401)	3.077 (4.665)	5.000d
4	LC Undrai.. (43.50)	20.00	24000 (6000)	1.000	OC (0.490)	1.000 (2.389)	1.000 (2.390)	40.00u (10.00)
5	LC Drained (43.50)	20.00	18000 (4500)	1.000	OC (0.200)	0.346 (1.340)	3.442 (5.007)	5.000d

Additional soil parameters associated with Ka and Kp

------- Soil type ------- No.	Description	--- parameters for Ka --- Soil friction angle	Wall adhesion coeff.	Back-fill angle	--- parameters for Kp --- Soil friction angle	Wall adhesion coeff.	Back-fill angle
1	Made Ground	28.00	1.000	0.00	28.00	1.000	0.00
2	Head /LC Undrained	0.00	0.500	0.00	0.00	0.500	0.00
3	Head /LC Drained	24.00	0.500	0.00	24.00	0.500	0.00
4	LC Undrained	0.00	0.500	0.00	0.00	0.500	0.00
5	LC Drained	26.00	0.500	0.00	26.00	0.500	0.00

GROUND WATER CONDITIONS

Density of water = 10.00 kN/m3

	Left side	Right side
Initial water table elevation	30.00	30.00

Automatic water pressure balancing at toe of wall : No

WALL PROPERTIES

Type of structure = Fully Embedded Wall
Elevation of toe of wall = 28.60
Maximum finite element length = 1.00 m
Youngs modulus of wall E = 3.0000E+07 kN/m2
Moment of inertia of wall I = 9.0880E-03 m4/m run
E.I = 272640 kN.m2/m run
Yield Moment of wall = Not defined

STRUTS and ANCHORS

Strut/ anchor no.	Elev.	Strut spacing m	X-section area of strut sq.m	Youngs modulus kN/m2	Free length m	Inclin -ation (degs)	Pre- stress /strut kN	Tension allowed
1	43.65	1.00	1.000000	80000	1.00	0.00	0	Yes
2	40.30	1.00	0.950000	1.500E+07	1.00	0.00	0	Yes
3	44.50	1.00	0.300000	1.500E+07	1.00	0.00	0	Yes
4	42.10	1.00	1.000000	80000	1.00	0.00	0	Yes

SURCHARGE LOADS

Surch -arge no.	Elev.	Distance from wall	Length parallel to wall	Width perpend. to wall	Surcharge kN/m2 Near edge	Far edge	Equiv. soil type	Partial factor/ Category
1	45.00	1.25(L)	20.00	20.00	5.00	=	N/A	1.00 -
2	43.70	0.25(L)	2.50	2.50	220.00	=	N/A	1.00 -
3	43.70	0.25(L)	2.50	2.50	50.00	=	N/A	1.00 -

Note: L = Left side, R = Right side
Limit State Categories P/U = Permanent Unfavourable
P/F = Permanent Favourable
Var = Variable (unfavourable)

CONSTRUCTION STAGES

Construction stage no.	Stage description
1	Change EI of wall to 1.0000E-03 kN.m2/m run Yield moment not defined Allow wall to relax with new modulus value
2	Apply surcharge no.1 at elevation 45.00 No analysis at this stage
3	Apply surcharge no.2 at elevation 43.70 No analysis at this stage
4	Change EI of wall to 190852 kN.m2/m run Yield moment not defined Reset wall displacements to zero at this stage
5	Excavate to elevation 43.00 on RIGHT side
6	Install strut or anchor no.1 at elevation 43.65
7	Excavate to elevation 41.60 on RIGHT side
8	Install strut or anchor no.4 at elevation 42.10
9	Excavate to elevation 39.77 on RIGHT side
10	Install strut or anchor no.2 at elevation 40.30
11	Remove strut or anchor no.4 at elevation 42.10
12	Install strut or anchor no.3 at elevation 44.50
13	Remove strut or anchor no.1 at elevation 43.65
14	Change properties of soil type 2 to soil type 3 Ko pressures will not be reset
15	Change properties of soil type 4 to soil type 5 Ko pressures will not be reset
16	Change EI of wall to 136323 kN.m2/m run Yield moment not defined Allow wall to relax with new modulus value
17	Apply surcharge no.3 at elevation 43.70

FACTORS OF SAFETY and ANALYSIS OPTIONS

Limit State options: Serviceability Limit State
All loads and soil strengths are unfactored

Stability analysis:
Method of analysis - Strength Factor method
Factor on soil strength for calculating wall depth = 1.00

Parameters for undrained strata:
Minimum equivalent fluid density = 5.00 kN/m3
Maximum depth of water filled tension crack = 0.00 m

Bending moment and displacement calculation:
Method - Subgrade reaction model using Influence Coefficients
Open Tension Crack analysis? - No
Non-linear Modulus Parameter (L) = 15.00 m

Boundary conditions:
Length of wall (normal to plane of analysis) = 26.50 m

Width of excavation on Left side of wall = 20.00 m
Width of excavation on Right side of wall = 11.50 m

Distance to rigid boundary on Left side = 30.00 m
Distance to rigid boundary on Right side = 30.00 m

OUTPUT OPTIONS

Stage no.	Stage description	Output options: Displacement, Bending mom., Shear force	Active, Passive pressures	Graph. output
1	Change EI of wall to 1.0000E-03kN.m2/m	No	No	No
2	Apply surcharge no.1 at elev. 45.00	Yes	Yes	Yes
3	Apply surcharge no.2 at elev. 43.70	Yes	Yes	Yes
4	Change EI of wall to 190852kN.m2/m run	Yes	Yes	Yes
5	Excav. to elev. 43.00 on RIGHT side	Yes	Yes	Yes
6	Install strut no.1 at elev. 43.65	Yes	Yes	Yes
7	Excav. to elev. 41.60 on RIGHT side	Yes	Yes	Yes
8	Install strut no.4 at elev. 42.10	Yes	Yes	Yes
9	Excav. to elev. 39.77 on RIGHT side	Yes	Yes	Yes
10	Install strut no.2 at elev. 40.30	Yes	Yes	Yes
11	Remove strut no.4 at elev. 42.10	No	No	No
12	Install strut no.3 at elev. 44.50	Yes	Yes	Yes
13	Remove strut no.1 at elev. 43.65	Yes	Yes	Yes
14	Change soil type 2 to soil type 3	Yes	Yes	Yes
15	Change soil type 4 to soil type 5	Yes	Yes	Yes
16	Change EI of wall to 136323kN.m2/m run	Yes	Yes	Yes
17	Apply surcharge no.3 at elev. 43.70	Yes	Yes	Yes
*	Summary output	Yes	-	Yes

Units: kN,m

Stage No. 17 Apply surcharge no.3 at elevation 43.70

STABILITY ANALYSIS of Fully Embedded Wall according to Strength Factor method

Factor of safety on soil strength

Stage No.	--- G.L. --- Act.	Pass.	Strut Elev.	FoS for toe elev. = 28.60 Factor of Safety	Moment equilib. at elev.	Toe elev. for FoS = 1.000 Toe elev.	Wall Penetr -ation	Direction of failure
17	45.00	39.77		More than one strut. No FoS calc.				

BENDING MOMENT and DISPLACEMENT ANALYSIS of Fully Embedded Wall

Analysis options

Length of wall perpendicular to section = 26.50m
Subgrade reaction model - Boussinesq Influence coefficients
Soil deformations are elastic until the active or passive limit is reached
Open Tension Crack analysis - No

Rigid boundaries: Left side 30.00 from wall
Right side 30.00 from wall

Limit State: Serviceability Limit State

Calculated Bending Moments and Strut Forces are to be multiplied by a factor of 1.35 to obtain values for structural design. See summary for factored values.

*** Wall displacements reset to zero at stage 4

Node no.	Y coord	Nett pressure kN/m2	Wall disp. m	Wall rotation rad.	Shear force kN/m	Bending moment kN.m/m	Strut forces kN/m	EI of wall kN.m2/m
1	45.00	0.00	0.012	-1.79E-04	0.0	-0.0		136323
2	44.50	7.48	0.012	-1.80E-04	1.9	0.1	78.4	136323
		12.65	0.012	-1.80E-04	-76.6	0.1		
3	43.70	5.78	0.012	-1.40E-05	-69.2	-57.4		136323
4	43.65	6.03	0.012	7.34E-06	-68.9	-60.9		136323
5	43.50	16.32	0.012	7.91E-05	-67.2	-71.3		136323
		14.76	0.012	7.91E-05	-67.2	-71.3		
6	43.00	66.24	0.012	3.84E-04	-47.0	-97.4		136323
7	42.10	79.65	0.011	1.06E-03	18.7	-110.8		136323
8	41.60	72.18	0.010	1.42E-03	56.6	-92.1		136323
9	40.95	66.78	0.009	1.73E-03	101.8	-41.1		136323
10	40.30	68.31	0.008	1.73E-03	145.7	38.4	188.3	136323
		68.31	0.008	1.73E-03	-42.6	38.4		
11	39.77	73.36	0.007	1.59E-03	-5.0	26.1		136323
		49.09	0.007	1.59E-03	-5.0	26.1		
12	38.89	1.86	0.006	1.40E-03	17.5	33.5		136323
13	38.00	-20.34	0.005	1.15E-03	9.3	45.6		136323
14	37.00	-8.76	0.004	8.40E-04	-5.2	44.2		136323
15	36.00	-1.00	0.003	5.73E-04	-10.1	33.7		136323
16	35.00	2.66	0.003	3.88E-04	-9.3	21.9		136323
17	34.00	3.39	0.002	2.76E-04	-6.2	12.7		136323
18	33.00	2.57	0.002	2.16E-04	-3.3	6.8		136323
19	32.00	1.35	0.002	1.84E-04	-1.3	3.7		136323
20	31.00	0.37	0.002	1.67E-04	-0.4	2.0		136323
21	30.00	-0.09	0.002	1.57E-04	-0.3	0.9		136323
22	29.30	0.05	0.002	1.54E-04	-0.3	0.4		136323
23	28.60	0.81	0.001	1.53E-04	-0.0	-0.0		---

At elev. 44.50 Strut force = 78.4 kN/strut = 78.4 kN/m run
At elev. 40.30 Strut force = 188.3 kN/strut = 188.3 kN/m run

(continued)

Stage No.17 Apply surcharge no.3 at elevation 43.70

Units: kN,m

Summary of results

LIMIT STATE PARAMETERS

Limit State: Serviceability Limit State
All loads and soil strengths are unfactored

STABILITY ANALYSIS of Fully Embedded Wall according to Strength Factor method

Factor of safety on soil strength

Stage No.	--- G.L. --- Act.	Pass.	Strut Elev.	FoS for toe elev. = 28.60 Factor of Safety	Moment equilib. at elev.	Toe elev. for FoS = 1.000 Toe elev.	Wall Penetr -ation	Direction of failure
1	45.00	45.00	Cant.	Conditions not suitable for FoS calc.				
2	45.00	45.00		No analysis at this stage				
3	45.00	45.00		No analysis at this stage				
4	45.00	45.00		No analysis at this stage				
5	45.00	43.00	Cant.	3.752	30.89	42.12	0.88	L to R
6	45.00	43.00		No analysis at this stage				
7	45.00	41.60	43.65	8.086	n/a	41.30	0.30	L to R
8	45.00	41.60		No analysis at this stage				

All remaining stages have more than one strut - FoS calculation n/a

Units: kN,m

Summary of results

BENDING MOMENT and DISPLACEMENT ANALYSIS of Fully Embedded Wall

Analysis options

Length of wall perpendicular to section = 26.50m
Subgrade reaction model - Boussinesq Influence coefficients
Soil deformations are elastic until the active or passive limit is reached
Open Tension Crack analysis - No

Rigid boundaries: Left side 30.00 from wall
Right side 30.00 from wall

Limit State: Serviceability Limit State

Calculated Bending Moments and Strut Forces have been multiplied by a factor of 1.35 to obtain values for structural design.

Bending moment, shear force and displacement envelopes

Node no.	Y coord	Displacement		Bending moment Calculated		Bending moment Factored		Shear force Calculated		Shear force Factored	
		max.	min.	max.	min.	max.	min.	max.	min.	max.	min.
		m	m	kN.m/m		kN.m/m		kN/m	kN/m	kN/m	kN/m
1	45.00	0.013	0.000	0	-0	0	-0	0	0	0	0
2	44.50	0.012	0.000	0	0	0	0	2	-79	3	-107
3	43.70	0.012	0.000	7	-59	10	-80	11	-72	15	-97
4	43.65	0.012	0.000	8	-62	10	-84	11	-103	15	-139
5	43.50	0.012	0.000	3	-73	4	-99	6	-102	8	-137
6	43.00	0.012	0.000	13	-101	17	-136	27	-84	37	-113
7	42.10	0.011	0.000	35	-121	47	-164	25	-76	34	-103
8	41.60	0.010	0.000	47	-108	63	-146	67	-37	90	-51
9	40.95	0.009	0.000	60	-78	81	-106	102	0	137	0
10	40.30	0.008	0.000	67	-60	91	-81	146	-43	197	-57
11	39.77	0.008	0.000	69	-24	93	-33	86	-5	116	-7
12	38.89	0.006	0.000	65	0	88	0	48	-9	65	-12
13	38.00	0.005	0.000	68	0	92	0	18	-14	24	-18
14	37.00	0.004	0.000	60	0	81	0	0	-14	0	-19
15	36.00	0.003	0.000	48	0	65	0	0	-15	0	-20
16	35.00	0.003	0.000	33	0	44	0	0	-14	0	-19
17	34.00	0.002	0.000	19	0	26	0	0	-11	0	-14
18	33.00	0.002	0.000	11	0	15	0	0	-7	0	-9
19	32.00	0.002	0.000	6	0	8	0	0	-3	0	-5
20	31.00	0.002	0.000	3	0	4	0	0	-2	0	-2
21	30.00	0.002	0.000	1	0	2	0	0	-1	0	-1
22	29.30	0.002	0.000	0	0	1	0	0	-1	0	-1
23	28.60	0.001	0.000	0	-0	0	-0	0	-0	0	-0

Summary of results (continued)

Calculated Bending Moments and Strut Forces have been multiplied by a factor of 1.35 to obtain values for structural design.

Maximum and minimum bending moment and shear force at each stage

Stage	Bending moment						Shear force					
	Calculated				Factored		Calculated				Factored	
no.	max.	elev.	min.	elev.	max.	min.	max.	elev.	min.	elev.	max.	min.
	kN.m/m		kN.m/m		kN.m/m		kN/m		kN/m		kN/m	kN/m
1	0	45.00	0	45.00	0	0	0	45.00	0	45.00	0	0
2	No calculation at this stage											
3	No calculation at this stage											
4	No calculation at this stage											
5	69	39.77	-0	45.00	93	-0	27	43.00	-14	37.00	37	-19
6	No calculation at this stage											
7	65	38.89	-51	42.10	88	-69	67	41.60	-72	43.65	90	-97
8	No calculation at this stage											
9	60	37.00	-78	40.95	81	-106	86	39.77	-76	42.10	116	-103
10	No calculation at this stage											
11	64	38.00	-99	41.60	87	-134	103	40.30	-103	43.65	139	-139
12	No calculation at this stage											
13	68	38.00	-121	42.10	92	-164	127	40.30	-79	44.50	171	-107
14	68	38.00	-121	42.10	92	-164	127	40.30	-79	44.50	172	-107
15	54	37.00	-111	42.10	73	-150	133	40.30	-76	44.50	180	-102
16	46	38.00	-105	42.10	62	-141	134	40.30	-72	44.50	180	-97
17	46	38.00	-111	42.10	62	-150	146	40.30	-77	44.50	197	-103

Maximum and minimum displacement at each stage

Stage	Displacement				Stage description
no.	maximum	elev.	minimum	elev.	
	m		m		
1	0.000	45.00	0.000	45.00	Change EI of wall to 1.0000E-03kN.m2/m run
2	No calculation at this stage				Apply surcharge no.1 at elev. 45.00
3	No calculation at this stage				Apply surcharge no.2 at elev. 43.70
4	Wall displacements reset to zero				Change EI of wall to 190852kN.m2/m run
5	0.013	45.00	0.000	45.00	Excav. to elev. 43.00 on RIGHT side
6	No calculation at this stage				Install strut no.1 at elev. 43.65
7	0.013	45.00	0.000	45.00	Excav. to elev. 41.60 on RIGHT side
8	No calculation at this stage				Install strut no.4 at elev. 42.10
9	0.012	45.00	0.000	45.00	Excav. to elev. 39.77 on RIGHT side
10	No calculation at this stage				Install strut no.2 at elev. 40.30
11	0.012	45.00	0.000	45.00	Remove strut no.4 at elev. 42.10
12	No calculation at this stage				Install strut no.3 at elev. 44.50
13	0.012	45.00	0.000	45.00	Remove strut no.1 at elev. 43.65
14	0.012	45.00	0.000	45.00	Change soil type 2 to soil type 3
15	0.012	45.00	0.000	45.00	Change soil type 4 to soil type 5
16	0.012	43.70	0.000	45.00	Change EI of wall to 136323kN.m2/m run
17	0.012	43.65	0.000	45.00	Apply surcharge no.3 at elev. 43.70

Summary of results (continued)

Calculated Bending Moments and Strut Forces have been multiplied by a factor of 1.35 to obtain values for structural design.

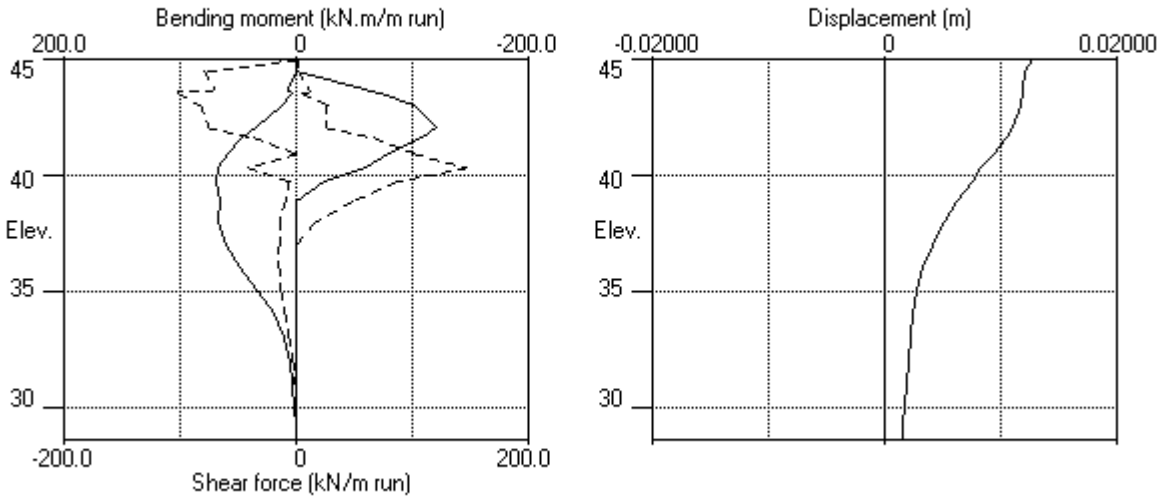
Strut forces at each stage (horizontal components)

Stage no.	Strut no. 1 at elev. 43.65			Strut no. 2 at elev. 40.30			Strut no. 3 at elev. 44.50		
	--Calculated-- kN per m run	kN per strut	Factored kN per strut	--Calculated-- kN per m run	kN per strut	Factored kN per strut	--Calculated-- kN per m run	kN per strut	Factored kN per strut
7	76	76	103	---	---	---	---	---	---
9	78	78	106	---	---	---	---	---	---
11	113	113	152	69	69	93	---	---	---
13	---	---	---	103	103	139	81	81	109
14	---	---	---	103	103	139	81	81	110
15	---	---	---	160	160	216	78	78	105
16	---	---	---	169	169	228	74	74	100
17	---	---	---	188	188	254	78	78	106

Stage no.	Strut no. 4 at elev. 42.10		
	--Calculated-- kN per m run	kN per strut	Factored kN per strut
9	97	97	131

Units: kN,m

Bending moment, shear force, displacement envelopes



Analysis Options

Analysis: Boussinesq
Global Poisson's ratio: 0.50
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: 15.00 [m OD]
Stiffness for horizontal displacement calculations: Weighted average
Using legacy heave correction factor: No
Displacements at load centroids: Yes

Soil ProfilesSoil Profile 1

Layer	Level at top [mOD]	Number of intermediate displacement levels	Youngs Modulus Top [kN/m²]	Youngs Modulus Btm [kN/m²]	Poissons ratio	Non-linear curve
1	46.100	5	15000.	15000.	0.20000	None
2	44.500	5	24000.	24000.	0.49500	None
3	43.500	5	24000.	195000.	0.49500	None

Soil Zones

Zone	Name	X coordinates min [m]	X coordinates max [m]	Y coordinates min [m]	Y coordinates max [m]	Profile
1	1	-10.00000	40.00000	-15.00000	55.00000	Soil Profile 1

Non-linear Curve Coordinates - Non-linear Curve 1

Point	Strain [%]	Factor

Load Data

Load ref.	Name	Shape	Orientation of Plane	Centre of load (Global) X [m]	Centre of load (Global) Y [m]	Load position Z (level) [m]	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]	Load value Tangential (local x) [kN/m²]	Load value Tangential (local y) [kN/m²]
1	Extension Excavation	Polygonal	Horizontal	N/A	N/A	39.77000	N/A	N/A	N/A	(0,18.4) (25.9,18.4) (25.9,16.2) (26.4,16.2) (26.4,9.44) (25.9,9.44) (25.9,6.82) (17.6,6.83) (17.6,8.25) (14.2,8.25) (14.2,8.5) (9.97,8.5) (9.97,8.25) (6.42,8.25) (6.42,6.83) (0,6.83)	10.000	6	-123.40	N/A	N/A
2	Barrie House Excavation	Polygonal	Horizontal	N/A	N/A	42.70000	N/A	N/A	N/A	(6.45,5.13) (8.28,5.13) (8.28,4.89) (16.2,4.88) (16.2,-3.81) (13.5,-3.81) (13.5,-0.607) (13.6,-0.607) (13.6,1.29) (7.09,1.29) (7.09,0.22) (6.44,0.22) (6.44,5.13)	10.000	5	-46.080	N/A	N/A
3	Porters Lodge Demolition	Polygonal	Horizontal	N/A	N/A	45.00000	N/A	N/A	N/A	(-1.06,19.1) (-1.06,13.4) (-8.06,13.4) (-8.06,19.1)	10.000	1	-30.000	N/A	N/A

Polygonal Loads' Rectangles

No.	Centre of load X [m]	Centre of load Y [m]	Angle of local x from global X [Degrees]	Width x [m]	Depth y [m]
Load 1 : Extension Excavation					
(Edge 2 optimal)					
1	3.20850	12.59050	0.0	6.4170	11.519
2	8.19550	13.30050	0.0	3.5570	10.099
3	12.07450	13.42350	0.0	4.2010	9.8530
4	15.88900	13.30050	0.0	3.4280	10.099
5	21.73300	12.58825	0.0	8.2600	11.524
6	26.15350	12.84050	0.0	0.56700	6.8010
Load 2 : Barrie House Excavation					
(Edge 2 optimal)					
1	7.35875	5.00900	-90.000	0.23800	1.8455
2	11.31698	3.08900	-90.000	3.5920	9.7620
3	6.76100	0.75650	-90.000	1.0730	0.65000
4	14.87619	0.34300	-90.000	1.9000	2.6404
5	14.84096	-2.20650	-90.000	3.1990	2.7079
Load 3 : Porters Lodge Demolition					
(Edge 2 optimal)					
1	-4.56400	16.25700	-90.000	5.7500	7.0000

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	Line	72 Kingsland	N/A	21.37000	18.35000	45.10000	21.37000	48.35000	45.10000	300	N/A	N/A	Yes	Yes
2	Line	16 Kingsland	N/A	0.00000	18.35000	45.10000	0.00000	48.35000	45.10000	300	N/A	N/A	Yes	Yes
3	Line	Pad A	N/A	8.19500	8.25100	43.70000	8.19500	-6.74900	43.70000	150	N/A	N/A	Yes	Yes
4	Line	Pad B	N/A	12.07500	8.49700	43.70000	12.07500	-6.50300	43.70000	150	N/A	N/A	Yes	Yes
5	Line	Pad C	N/A	15.88900	8.25100	43.70000	15.88900	-11.74900	43.70000	200	N/A	N/A	Yes	Yes
6	Grid	Grid 2	Global X	-30.00000	-30.00000	46.10000	N/A	70.00000	46.10000	90	90.00000	100	No	N/A

Warnings

(1)One or more displacement grids or lines have numbers of intervals of at least 100. Large numbers of intervals will slow the analysis.

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.50
Horizontal rigid boundary level: 15.00 [m OD]

The maximum displacement difference between the Boussinesq method (-5.6167mm) and the Mindlin method (-4.3754mm) occurs at point X = 21.37000m, Y = 18.35000m, level = 45.100mOD, and is 1.2413mm.

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Displacement Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
Extension Excavation	13.16898	12.89018	39.77000	-11.158	37.548	-120.30	-269.30	-792.89E-6
Barrie House Excavation	12.18661	1.87954	42.70000	-4.2113	39.990	-27.923	-46.981	-429.66E-6
Porters Lodge Demolition	-4.56400	16.25700	45.00000	-4.2259	44.875	-29.999	-86.489	-0.0012467
72 Kingsland	21.37000	18.35000	45.10000	-5.6167	44.950	0.0	-0.0016809	0.0
	21.37000	18.45000	45.10000	-5.1736	44.950	0.0	-0.0016793	0.0
	21.37000	18.55000	45.10000	-4.7427	44.950	0.0	-0.0016776	0.0
	21.37000	18.65000	45.10000	-4.3351	44.950	0.0	-0.0016758	0.0
	21.37000	18.75000	45.10000	-3.9589	44.950	0.0	-0.0016739	0.0
	21.37000	18.85000	45.10000	-3.6194	44.950	0.0	-0.0016720	0.0
	21.37000	18.95000	45.10000	-3.3185	44.950	0.0	-0.0016700	0.0
	21.37000	19.05000	45.10000	-3.0557	44.950	0.0	-0.0016679	0.0
	21.37000	19.15000	45.10000	-2.8285	44.950	0.0	-0.0016658	0.0
	21.37000	19.25000	45.10000	-2.6333	44.950	0.0	-0.0016636	0.0
	21.37000	19.35000	45.10000	-2.4660	44.950	0.0	-0.0016613	0.0

Name	Location			Displacement		Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]	
	21.37000	19.45000	45.10000	-2.3224	44.950	0.0	-0.0016589	0.0	
	21.37000	19.55000	45.10000	-2.1986	44.950	0.0	-0.0016565	0.0	
	21.37000	19.65000	45.10000	-2.0910	44.950	0.0	-0.0016540	0.0	
	21.37000	19.75000	45.10000	-1.9966	44.950	0.0	-0.0016514	0.0	
	21.37000	19.85000	45.10000	-1.9129	44.950	0.0	-0.0016488	0.0	
	21.37000	19.95000	45.10000	-1.8377	44.950	0.0	-0.0016461	0.0	
	21.37000	20.05000	45.10000	-1.7693	44.950	0.0	-0.0016433	0.0	
	21.37000	20.15000	45.10000	-1.7064	44.950	0.0	-0.0016405	0.0	
	21.37000	20.25000	45.10000	-1.6479	44.950	0.0	-0.0016376	0.0	
	21.37000	20.35000	45.10000	-1.5929	44.950	0.0	-0.0016346	0.0	
	21.37000	20.45000	45.10000	-1.5408	44.950	0.0	-0.0016316	0.0	
	21.37000	20.55000	45.10000	-1.4911	44.950	0.0	-0.0016285	0.0	
	21.37000	20.65000	45.10000	-1.4433	44.950	0.0	-0.0016254	0.0	
	21.37000	20.75000	45.10000	-1.3972	44.950	0.0	-0.0016222	0.0	
	21.37000	20.85000	45.10000	-1.3526	44.950	0.0	-0.0016189	0.0	
	21.37000	20.95000	45.10000	-1.3092	44.950	0.0	-0.0016156	0.0	
	21.37000	21.05000	45.10000	-1.2669	44.950	0.0	-0.0016122	0.0	
	21.37000	21.15000	45.10000	-1.2257	44.950	0.0	-0.0016087	0.0	
	21.37000	21.25000	45.10000	-1.1855	44.950	0.0	-0.0016052	0.0	
	21.37000	21.35000	45.10000	-1.1462	44.950	0.0	-0.0016016	0.0	
	21.37000	21.45000	45.10000	-1.1078	44.950	0.0	-0.0015980	0.0	
	21.37000	21.55000	45.10000	-1.0703	44.950	0.0	-0.0015943	0.0	
	21.37000	21.65000	45.10000	-1.0336	44.950	0.0	-0.0015906	0.0	
	21.37000	21.75000	45.10000	-0.99768	44.950	0.0	-0.0015868	0.0	
	21.37000	21.85000	45.10000	-0.96260	44.950	0.0	-0.0015829	0.0	
	21.37000	21.95000	45.10000	-0.92833	44.950	0.0	-0.0015790	0.0	
	21.37000	22.05000	45.10000	-0.89484	44.950	0.0	-0.0015751	0.0	
	21.37000	22.15000	45.10000	-0.86214	44.950	0.0	-0.0015711	0.0	
	21.37000	22.25000	45.10000	-0.83022	44.950	0.0	-0.0015670	0.0	
	21.37000	22.35000	45.10000	-0.79906	44.950	0.0	-0.0015629	0.0	
	21.37000	22.45000	45.10000	-0.76866	44.950	0.0	-0.0015588	0.0	
	21.37000	22.55000	45.10000	-0.73901	44.950	0.0	-0.0015546	0.0	
	21.37000	22.65000	45.10000	-0.71009	44.950	0.0	-0.0015503	0.0	
	21.37000	22.75000	45.10000	-0.68190	44.950	0.0	-0.0015460	0.0	
	21.37000	22.85000	45.10000	-0.65442	44.950	0.0	-0.0015416	0.0	
	21.37000	22.95000	45.10000	-0.62765	44.950	0.0	-0.0015373	0.0	
	21.37000	23.05000	45.10000	-0.60157	44.950	0.0	-0.0015328	0.0	
	21.37000	23.15000	45.10000	-0.57616	44.950	0.0	-0.0015283	0.0	
	21.37000	23.25000	45.10000	-0.55142	44.950	0.0	-0.0015238	0.0	
	21.37000	23.35000	45.10000	-0.52733	44.950	0.0	-0.0015192	0.0	
	21.37000	23.45000	45.10000	-0.50388	44.950	0.0	-0.0015146	0.0	
	21.37000	23.55000	45.10000	-0.48104	44.950	0.0	-0.0015100	0.0	
	21.37000	23.65000	45.10000	-0.45882	44.950	0.0	-0.0015053	0.0	
	21.37000	23.75000	45.10000	-0.43719	44.950	0.0	-0.0015006	0.0	
	21.37000	23.85000	45.10000	-0.41614	44.950	0.0	-0.0014958	0.0	
	21.37000	23.95000	45.10000	-0.39566	44.950	0.0	-0.0014910	0.0	
	21.37000	24.05000	45.10000	-0.37573	44.950	0.0	-0.0014862	0.0	
	21.37000	24.15000	45.10000	-0.35633	44.950	0.0	-0.0014813	0.0	
	21.37000	24.25000	45.10000	-0.33746	44.950	0.0	-0.0014764	0.0	
	21.37000	24.35000	45.10000	-0.31910	44.950	0.0	-0.0014714	0.0	
	21.37000	24.45000	45.10000	-0.30124	44.950	0.0	-0.0014664	0.0	
	21.37000	24.55000	45.10000	-0.28386	44.950	0.0	-0.0014614	0.0	
	21.37000	24.65000	45.10000	-0.26695	44.950	0.0	-0.0014564	0.0	
	21.37000	24.75000	45.10000	-0.25050	44.950	0.0	-0.0014513	0.0	
	21.37000	24.85000	45.10000	-0.23450	44.950	0.0	-0.0014462	0.0	
	21.37000	24.95000	45.10000	-0.21893	44.950	0.0	-0.0014411	0.0	
	21.37000	25.05000	45.10000	-0.20378	44.950	0.0	-0.0014359	0.0	
	21.37000	25.15000	45.10000	-0.18905	44.950	0.0	-0.0014307	0.0	
	21.37000	25.25000	45.10000	-0.17472	44.950	0.0	-0.0014255	0.0	
	21.37000	25.35000	45.10000	-0.16077	44.950	0.0	-0.0014203	0.0	
	21.37000	25.45000	45.10000	-0.14720	44.950	0.0	-0.0014150	0.0	
	21.37000	25.55000	45.10000	-0.13401	44.950	0.0	-0.0014097	0.0	
	21.37000	25.65000	45.10000	-0.12117	44.950	0.0	-0.0014044	0.0	
	21.37000	25.75000	45.10000	-0.10868	44.950	0.0	-0.0013991	0.0	
	21.37000	25.85000	45.10000	-0.096523	44.950	0.0	-0.0013937	0.0	
	21.37000	25.95000	45.10000	-0.084702	44.950	0.0	-0.0013883	0.0	
	21.37000	26.05000	45.10000	-0.073201	44.950	0.0	-0.0013829	0.0	
	21.37000	26.15000	45.10000	-0.062014	44.950	0.0	-0.0013775	0.0	
	21.37000	26.25000	45.10000	-0.051131	44.950	0.0	-0.0013721	0.0	
	21.37000	26.35000	45.10000	-0.040543	44.950	0.0	-0.0013666	0.0	
	21.37000	26.45000	45.10000	-0.030245	44.950	0.0	-0.0013611	0.0	
	21.37000	26.55000	45.10000	-0.020226	44.950	0.0	-0.0013556	0.0	
	21.37000	26.65000	45.10000	-0.010482	44.950	0.0	-0.0013501	0.0	
	21.37000	26.75000	45.10000	-0.0010027	44.950	0.0	-0.0013446	0.0	
	21.37000	26.85000	45.10000	0.0082170	44.950	0.0	-0.0013390	0.0	
	21.37000	26.95000	45.10000	0.017184	44.950	0.0	-0.0013335	0.0	
	21.37000	27.05000	45.10000	0.025906	44.950	0.0	-0.0013279	0.0	
	21.37000	27.15000	45.10000	0.034388	44.950	0.0	-0.0013223	0.0	
	21.37000	27.25000	45.10000	0.042638	44.950	0.0	-0.0013168	0.0	
	21.37000	27.35000	45.10000	0.050660	44.950	0.0	-0.0013112	0.0	
	21.37000	27.45000	45.10000	0.058460	44.950	0.0	-0.0013055	0.0	
	21.37000	27.55000	45.10000	0.066045	44.950	0.0	-0.0012999	0.0	
	21.37000	27.65000	45.10000	0.073420	44.950	0.0	-0.0012943	0.0	
	21.37000	27.75000	45.10000	0.080590	44.950	0.0	-0.0012886	0.0	
	21.37000	27.85000	45.10000	0.087560	44.950	0.0	-0.0012830	0.0	
	21.37000	27.95000	45.10000	0.094336	44.950	0.0	-0.0012773	0.0	
	21.37000	28.05000	45.10000	0.10092	44.950	0.0	-0.0012717	0.0	
	21.37000	28.15000	45.10000	0.10732	44.950	0.0	-0.0012660	0.0	
	21.37000	28.25000	45.10000	0.11354	44.950	0.0	-0.0012603	0.0	
	21.37000	28.35000	45.10000	0.11959	44.950	0.0	-0.0012547	0.0	
	21.37000	28.45000	45.10000	0.12546	44.950	0.0	-0.0012490	0.0	
	21.37000	28.55000	45.10000	0.13117	44.950	0.0	-0.0012433	0.0	
	21.37000	28.65000	45.10000	0.13671	44.950	0.0	-0.0012376	0.0	
	21.37000	28.75000	45.10000	0.14209	44.950	0.0	-0.0012319	0.0	
	21.37000	28.85000	45.10000	0.14732	44.950	0.0	-0.0012262	0.0	
	21.37000	28.95000	45.10000	0.15240	44.950	0.0	-0.0012205	0.0	
	21.37000	29.05000	45.10000	0.15733	44.950	0.0	-0.0012148	0.0	
	21.37000	29.15000	45.10000	0.16211	44.950	0.0	-0.0012092	0.0	
	21.37000	29.25000	45.10000	0.16676	44.950	0.0	-0.0012035	0.0	
	21.37000	29.35000	45.10000	0.17126	44.950	0.0	-0.0011978	0.0	
	21.37000	29.45000	45.10000	0.17564	44.950	0.0	-0.0011921	0.0	
	21.37000	29.55000	45.10000	0.17988	44.950	0.0	-0.0011864	0.0	
	21.37000	29.65000	45.10000	0.18399	44.950	0.0	-0.0011807	0.0	
	21.37000	29.75000	45.10000	0.18798	44.950	0.0	-0.0011750	0.0	
	21.37000	29.85000	45.10000	0.19185	44.950	0.0	-0.0011694	0.0	
	21.37000	29.95000	45.10000	0.19560	44.950	0.0	-0.0011637	0.0	
	21.37000	30.05000	45.10000	0.19924	44.950	0.0	-0.0011580	0.0	
	21.37000	30.15000	45.10000	0.20276	44.950	0.0	-0.0011524	0.0	
	21.37000	30.25000	45.10000	0.20617	44.950	0.0	-0.0011467	0.0	
	21.37000	30.35000	45.10000	0.20947	44.950	0.0	-0.0011410	0.0	
	21.37000	30.45000	45.10000	0.21267	44.950	0.0	-0.0011354	0.0	
	21.37000	30.55000	45.10000	0.21576	44.950	0.0	-0.0011298	0.0	
	21.37000	30.65000	45.10000	0.21876	44.950	0.0	-0.0011241	0.0	
	21.37000	30.75000	45.10000	0.22165	44.950	0.0	-0.0011185	0.0	
	21.37000	30.85000	45.10000	0.22445	44.950	0.0	-0.0011129	0.0	
	21.37000	30.95000	45.10000	0.22716	44.950	0.0	-0.0011073	0.0	
	21.37000	31.05000	45.10000	0.22978	44.950	0.0	-0.0011017	0.0	
	21.37000	31.15000	45.10000	0.23231	44.950	0.0	-0.0010961	0.0	
	21.37000	31.25000	45.10000	0.23475	44.950	0.0	-0.0010906	0.0	
	21.37000	31.35000	45.10000	0.23710	44.950	0.0	-0.0010850	0.0	
	21.37000	31.45000	45.10000	0.23937	44.950	0.0	-0.0010794	0.0	
	21.37000	31.55000	45.10000	0.24157	44.950	0.0	-0.0010739	0.0	
	21.37000	31.65000	45.10000	0.24368	44.950	0.0	-0.0010684	0.0	
	21.37000	31.75000	45.10000	0.24571	44.950	0.0	-0.0010628	0.0	
	21.37000	31.85000	45.10000	0.24767	44.950	0.0	-0.0010573	0.0	
	21.37000	31.95000	45.10000	0.24956	44.950	0.0	-0.0010518	0.0	
	21.37000	32.05000	45.10000	0.25137	44.950	0.0	-0.0010464	0.0	
	21.37000	32.15000	45.10000	0.25312	44.950	0.0	-0.0010409	0.0	
	21.37000	32.25000	45.10000	0.25479	44.950	0.0	-0.0010354	0.0	
	21.37000	32.35000	45.10000	0.25640	44.950	0.0	-0.0010300	0.0	
	21.37000	32.45000	45.10000	0.25795	44.950	0.0	-0.0010246	0.0	
	21.37000	32.55000	45.10000	0.25943	44.950	0.0	-0.0010192	0.0	
	21.37000	32.65000	45.10000	0.26084	44.950	0.0	-0.0010138	0.0	
	21.37000	32.75000	45.10000	0.26220	44.950	0.0	-0.0010084	0.0	
	21.37000	32.85000	45.10000	0.26350	44.950	0.0	-0.0010030	0.0	
	21.37000	32.95000	45.10000	0.26473	44.950	0.0	-997.66E-6	0.0	
	21.37000	33.05000	45.10000	0.26592	44.950	0.0	-992.33E-6	0.0	
	21.37000	33.15000	45.10000	0.26704	44.950	0.0	-987.01E-6	0.0	
	21.37000	33.25000	45.10000	0.26811	44.950	0.0	-981.71E-6	0.0	
	21.37000	33.35000	45.10000	0.26913	44.950	0.0	-976.42E-6	0.0	
	21.37000	33.45000	45.10000	0.27010	44.950	0.0	-971.15E-6	0.0	

Name	Location			Displacement	Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	21.37000	33.55000	45.10000	0.27102	44.950	0.0	-965.90E-6	0.0
	21.37000	33.65000	45.10000	0.27189	44.950	0.0	-960.66E-6	0.0
	21.37000	33.75000	45.10000	0.27271	44.950	0.0	-955.45E-6	0.0
	21.37000	33.85000	45.10000	0.27348	44.950	0.0	-950.25E-6	0.0
	21.37000	33.95000	45.10000	0.27421	44.950	0.0	-945.07E-6	0.0
	21.37000	34.05000	45.10000	0.27489	44.950	0.0	-939.90E-6	0.0
	21.37000	34.15000	45.10000	0.27553	44.950	0.0	-934.76E-6	0.0
	21.37000	34.25000	45.10000	0.27613	44.950	0.0	-929.63E-6	0.0
	21.37000	34.35000	45.10000	0.27668	44.950	0.0	-924.52E-6	0.0
	21.37000	34.45000	45.10000	0.27720	44.950	0.0	-919.43E-6	0.0
	21.37000	34.55000	45.10000	0.27767	44.950	0.0	-914.36E-6	0.0
	21.37000	34.65000	45.10000	0.27811	44.950	0.0	-909.31E-6	0.0
	21.37000	34.75000	45.10000	0.27851	44.950	0.0	-904.28E-6	0.0
	21.37000	34.85000	45.10000	0.27887	44.950	0.0	-899.26E-6	0.0
	21.37000	34.95000	45.10000	0.27920	44.950	0.0	-894.27E-6	0.0
	21.37000	35.05000	45.10000	0.27949	44.950	0.0	-889.30E-6	0.0
	21.37000	35.15000	45.10000	0.27975	44.950	0.0	-884.34E-6	0.0
	21.37000	35.25000	45.10000	0.27997	44.950	0.0	-879.41E-6	0.0
	21.37000	35.35000	45.10000	0.28016	44.950	0.0	-874.50E-6	0.0
	21.37000	35.45000	45.10000	0.28032	44.950	0.0	-869.60E-6	0.0
	21.37000	35.55000	45.10000	0.28045	44.950	0.0	-864.73E-6	0.0
	21.37000	35.65000	45.10000	0.28055	44.950	0.0	-859.88E-6	0.0
	21.37000	35.75000	45.10000	0.28062	44.950	0.0	-855.05E-6	0.0
	21.37000	35.85000	45.10000	0.28066	44.950	0.0	-850.24E-6	0.0
	21.37000	35.95000	45.10000	0.28067	44.950	0.0	-845.45E-6	0.0
	21.37000	36.05000	45.10000	0.28066	44.950	0.0	-840.68E-6	0.0
	21.37000	36.15000	45.10000	0.28062	44.950	0.0	-835.93E-6	0.0
	21.37000	36.25000	45.10000	0.28055	44.950	0.0	-831.20E-6	0.0
	21.37000	36.35000	45.10000	0.28046	44.950	0.0	-826.50E-6	0.0
	21.37000	36.45000	45.10000	0.28034	44.950	0.0	-821.81E-6	0.0
	21.37000	36.55000	45.10000	0.28020	44.950	0.0	-817.15E-6	0.0
	21.37000	36.65000	45.10000	0.28004	44.950	0.0	-812.51E-6	0.0
	21.37000	36.75000	45.10000	0.27985	44.950	0.0	-807.89E-6	0.0
	21.37000	36.85000	45.10000	0.27964	44.950	0.0	-803.29E-6	0.0
	21.37000	36.95000	45.10000	0.27941	44.950	0.0	-798.71E-6	0.0
	21.37000	37.05000	45.10000	0.27916	44.950	0.0	-794.15E-6	0.0
	21.37000	37.15000	45.10000	0.27889	44.950	0.0	-789.62E-6	0.0
	21.37000	37.25000	45.10000	0.27859	44.950	0.0	-785.11E-6	0.0
	21.37000	37.35000	45.10000	0.27828	44.950	0.0	-780.62E-6	0.0
	21.37000	37.45000	45.10000	0.27795	44.950	0.0	-776.15E-6	0.0
	21.37000	37.55000	45.10000	0.27760	44.950	0.0	-771.70E-6	0.0
	21.37000	37.65000	45.10000	0.27723	44.950	0.0	-767.27E-6	0.0
	21.37000	37.75000	45.10000	0.27685	44.950	0.0	-762.87E-6	0.0
	21.37000	37.85000	45.10000	0.27645	44.950	0.0	-758.49E-6	0.0
	21.37000	37.95000	45.10000	0.27603	44.950	0.0	-754.13E-6	0.0
	21.37000	38.05000	45.10000	0.27560	44.950	0.0	-749.79E-6	0.0
	21.37000	38.15000	45.10000	0.27515	44.950	0.0	-745.47E-6	0.0
	21.37000	38.25000	45.10000	0.27468	44.950	0.0	-741.18E-6	0.0
	21.37000	38.35000	45.10000	0.27420	44.950	0.0	-736.90E-6	0.0
	21.37000	38.45000	45.10000	0.27371	44.950	0.0	-732.65E-6	0.0
	21.37000	38.55000	45.10000	0.27320	44.950	0.0	-728.42E-6	0.0
	21.37000	38.65000	45.10000	0.27268	44.950	0.0	-724.22E-6	0.0
	21.37000	38.75000	45.10000	0.27215	44.950	0.0	-720.03E-6	0.0
	21.37000	38.85000	45.10000	0.27160	44.950	0.0	-715.87E-6	0.0
	21.37000	38.95000	45.10000	0.27104	44.950	0.0	-711.73E-6	0.0
	21.37000	39.05000	45.10000	0.27047	44.950	0.0	-707.61E-6	0.0
	21.37000	39.15000	45.10000	0.26989	44.950	0.0	-703.51E-6	0.0
	21.37000	39.25000	45.10000	0.26929	44.950	0.0	-699.43E-6	0.0
	21.37000	39.35000	45.10000	0.26869	44.950	0.0	-695.38E-6	0.0
	21.37000	39.45000	45.10000	0.26807	44.950	0.0	-691.35E-6	0.0
	21.37000	39.55000	45.10000	0.26744	44.950	0.0	-687.33E-6	0.0
	21.37000	39.65000	45.10000	0.26681	44.950	0.0	-683.35E-6	0.0
	21.37000	39.75000	45.10000	0.26616	44.950	0.0	-679.38E-6	0.0
	21.37000	39.85000	45.10000	0.26551	44.950	0.0	-675.43E-6	0.0
	21.37000	39.95000	45.10000	0.26484	44.950	0.0	-671.51E-6	0.0
	21.37000	40.05000	45.10000	0.26417	44.950	0.0	-667.61E-6	0.0
	21.37000	40.15000	45.10000	0.26349	44.950	0.0	-663.72E-6	0.0
	21.37000	40.25000	45.10000	0.26280	44.950	0.0	-659.87E-6	0.0
	21.37000	40.35000	45.10000	0.26210	44.950	0.0	-656.03E-6	0.0
	21.37000	40.45000	45.10000	0.26140	44.950	0.0	-652.21E-6	0.0
	21.37000	40.55000	45.10000	0.26068	44.950	0.0	-648.42E-6	0.0
	21.37000	40.65000	45.10000	0.25996	44.950	0.0	-644.64E-6	0.0
	21.37000	40.75000	45.10000	0.25924	44.950	0.0	-640.89E-6	0.0
	21.37000	40.85000	45.10000	0.25850	44.950	0.0	-637.16E-6	0.0
	21.37000	40.95000	45.10000	0.25776	44.950	0.0	-633.45E-6	0.0
	21.37000	41.05000	45.10000	0.25702	44.950	0.0	-629.76E-6	0.0
	21.37000	41.15000	45.10000	0.25627	44.950	0.0	-626.09E-6	0.0
	21.37000	41.25000	45.10000	0.25551	44.950	0.0	-622.44E-6	0.0
	21.37000	41.35000	45.10000	0.25475	44.950	0.0	-618.82E-6	0.0
	21.37000	41.45000	45.10000	0.25398	44.950	0.0	-615.21E-6	0.0
	21.37000	41.55000	45.10000	0.25320	44.950	0.0	-611.63E-6	0.0
	21.37000	41.65000	45.10000	0.25243	44.950	0.0	-608.06E-6	0.0
	21.37000	41.75000	45.10000	0.25164	44.950	0.0	-604.52E-6	0.0
	21.37000	41.85000	45.10000	0.25086	44.950	0.0	-601.00E-6	0.0
	21.37000	41.95000	45.10000	0.25006	44.950	0.0	-597.49E-6	0.0
	21.37000	42.05000	45.10000	0.24927	44.950	0.0	-594.01E-6	0.0
	21.37000	42.15000	45.10000	0.24847	44.950	0.0	-590.55E-6	0.0
	21.37000	42.25000	45.10000	0.24767	44.950	0.0	-587.11E-6	0.0
	21.37000	42.35000	45.10000	0.24686	44.950	0.0	-583.69E-6	0.0
	21.37000	42.45000	45.10000	0.24605	44.950	0.0	-580.29E-6	0.0
	21.37000	42.55000	45.10000	0.24524	44.950	0.0	-576.91E-6	0.0
	21.37000	42.65000	45.10000	0.24442	44.950	0.0	-573.55E-6	0.0
	21.37000	42.75000	45.10000	0.24360	44.950	0.0	-570.21E-6	0.0
	21.37000	42.85000	45.10000	0.24278	44.950	0.0	-566.89E-6	0.0
	21.37000	42.95000	45.10000	0.24195	44.950	0.0	-563.59E-6	0.0
	21.37000	43.05000	45.10000	0.24113	44.950	0.0	-560.31E-6	0.0
	21.37000	43.15000	45.10000	0.24030	44.950	0.0	-557.05E-6	0.0
	21.37000	43.25000	45.10000	0.23946	44.950	0.0	-553.81E-6	0.0
	21.37000	43.35000	45.10000	0.23863	44.950	0.0	-550.58E-6	0.0
	21.37000	43.45000	45.10000	0.23780	44.950	0.0	-547.38E-6	0.0
	21.37000	43.55000	45.10000	0.23696	44.950	0.0	-544.20E-6	0.0
	21.37000	43.65000	45.10000	0.23612	44.950	0.0	-541.04E-6	0.0
	21.37000	43.75000	45.10000	0.23528	44.950	0.0	-537.89E-6	0.0
	21.37000	43.85000	45.10000	0.23444	44.950	0.0	-534.77E-6	0.0
	21.37000	43.95000	45.10000	0.23360	44.950	0.0	-531.66E-6	0.0
	21.37000	44.05000	45.10000	0.23275	44.950	0.0	-528.57E-6	0.0
	21.37000	44.15000	45.10000	0.23191	44.950	0.0	-525.50E-6	0.0
	21.37000	44.25000	45.10000	0.23106	44.950	0.0	-522.45E-6	0.0
	21.37000	44.35000	45.10000	0.23021	44.950	0.0	-519.42E-6	0.0
	21.37000	44.45000	45.10000	0.22937	44.950	0.0	-516.41E-6	0.0
	21.37000	44.55000	45.10000	0.22852	44.950	0.0	-513.41E-6	0.0
	21.37000	44.65000	45.10000	0.22767	44.950	0.0	-510.44E-6	0.0
	21.37000	44.75000	45.10000	0.22682	44.950	0.0	-507.48E-6	0.0
	21.37000	44.85000	45.10000	0.22597	44.950	0.0	-504.54E-6	0.0
	21.37000	44.95000	45.10000	0.22513	44.950	0.0	-501.62E-6	0.0
	21.37000	45.05000	45.10000	0.22428	44.950	0.0	-498.72E-6	0.0
	21.37000	45.15000	45.10000	0.22343	44.950	0.0	-495.83E-6	0.0
	21.37000	45.25000	45.10000	0.22258	44.950	0.0	-492.97E-6	0.0
	21.37000	45.35000	45.10000	0.22173	44.950	0.0	-490.12E-6	0.0
	21.37000	45.45000	45.10000	0.22088	44.950	0.0	-487.29E-6	0.0
	21.37000	45.55000	45.10000	0.22003	44.950	0.0	-484.47E-6	0.0
	21.37000	45.65000	45.10000	0.21918	44.950	0.0	-481.68E-6	0.0
	21.37000	45.75000	45.10000	0.21834	44.950	0.0	-478.90E-6	0.0
	21.37000	45.85000	45.10000	0.21749	44.950	0.0	-476.14E-6	0.0
	21.37000	45.95000	45.10000	0.21664	44.950	0.0	-473.39E-6	0.0
	21.37000	46.05000	45.10000	0.21580	44.950	0.0	-470.66E-6	0.0
	21.37000	46.15000	45.10000	0.21495	44.950	0.0	-467.95E-6	0.0
	21.37000	46.25000	45.10000	0.21411	44.950	0.0	-465.26E-6	0.0
	21.37000	46.35000	45.10000	0.21327	44.950	0.0	-462.58E-6	0.0
	21.37000	46.45000	45.10000	0.21243	44.950	0.0	-459.93E-6	0.0
	21.37000	46.55000	45.10000	0.21159	44.950	0.0	-457.28E-6	0.0
	21.37000	46.65000	45.10000	0.21075	44.950	0.0	-454.66E-6	0.0
	21.37000	46.75000	45.10000	0.20991	44.950	0.0	-452.05E-6	0.0
	21.37000	46.85000	45.10000	0.20907	44.950	0.0	-449.45E-6	0.0
	21.37000	46.95000	45.10000	0.20823	44.950	0.0	-446.88E-6	0.0
	21.37000	47.05000	45.10000	0.20740	44.950	0.0	-444.32E-6	0.0
	21.37000	47.15000	45.10000	0.20657	44.950	0.0	-441.77E-6	0.0
	21.37000	47.25000	45.10000	0.20574	44.950	0.0	-439.25E-6	0.0
	21.37000	47.35000	45.10000	0.20491	44.950	0.0	-436.73E-6	0.0
	21.37000	47.45000	45.10000	0.20408	44.950	0.0	-434.24E-6	0.0
	21.37000	47.55000	45.10000	0.20325	44.950	0.0	-431.76E-6	0.0

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Displacement Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	21.37000	47.65000	45.10000	0.20242	44.950	0.0	-429.29E-6	0.0
	21.37000	47.75000	45.10000	0.20160	44.950	0.0	-426.84E-6	0.0
	21.37000	47.85000	45.10000	0.20078	44.950	0.0	-424.41E-6	0.0
	21.37000	47.95000	45.10000	0.19996	44.950	0.0	-421.99E-6	0.0
	21.37000	48.05000	45.10000	0.19914	44.950	0.0	-419.59E-6	0.0
	21.37000	48.15000	45.10000	0.19832	44.950	0.0	-417.20E-6	0.0
	21.37000	48.25000	45.10000	0.19751	44.950	0.0	-414.83E-6	0.0
	21.37000	48.35000	45.10000	0.19670	44.950	0.0	-412.47E-6	0.0
16 Kingsland	0.00000	18.35000	45.10000	-3.5751	44.950	-540.84E-6	-0.73225	9.7201E-6
	0.00000	18.45000	45.10000	-3.3359	44.950	-522.79E-6	-0.71118	9.4406E-6
	0.00000	18.55000	45.10000	-3.1024	44.950	-501.93E-6	-0.68844	9.1391E-6
	0.00000	18.65000	45.10000	-2.8798	44.950	-478.08E-6	-0.66408	8.8162E-6
	0.00000	18.75000	45.10000	-2.6726	44.950	-451.23E-6	-0.63819	8.4731E-6
	0.00000	18.85000	45.10000	-2.4832	44.950	-421.54E-6	-0.61095	8.1123E-6
	0.00000	18.95000	45.10000	-2.3128	44.950	-389.46E-6	-0.58261	7.7369E-6
	0.00000	19.05000	45.10000	-2.1612	44.950	-355.67E-6	-0.55349	7.3514E-6
	0.00000	19.15000	45.10000	-2.0273	44.950	-321.05E-6	-0.52398	6.9608E-6
	0.00000	19.25000	45.10000	-1.9092	44.950	-286.61E-6	-0.49450	6.5704E-6
	0.00000	19.35000	45.10000	-1.8051	44.950	-253.32E-6	-0.46545	6.1857E-6
	0.00000	19.45000	45.10000	-1.7130	44.950	-222.01E-6	-0.43719	5.8115E-6
	0.00000	19.55000	45.10000	-1.6310	44.950	-193.27E-6	-0.41003	5.4517E-6
	0.00000	19.65000	45.10000	-1.5573	44.950	-167.44E-6	-0.38419	5.1092E-6
	0.00000	19.75000	45.10000	-1.4906	44.950	-144.62E-6	-0.35982	4.7860E-6
	0.00000	19.85000	45.10000	-1.4296	44.950	-124.73E-6	-0.33698	4.4831E-6
	0.00000	19.95000	45.10000	-1.3732	44.950	-107.56E-6	-0.31569	4.2006E-6
	0.00000	20.05000	45.10000	-1.3207	44.950	-92.846E-6	-0.29593	3.9383E-6
	0.00000	20.15000	45.10000	-1.2714	44.950	-80.292E-6	-0.27762	3.6952E-6
	0.00000	20.25000	45.10000	-1.2247	44.950	-69.604E-6	-0.26070	3.4704E-6
	0.00000	20.35000	45.10000	-1.1803	44.950	-60.513E-6	-0.24507	3.2627E-6
	0.00000	20.45000	45.10000	-1.1379	44.950	-52.775E-6	-0.23063	3.0709E-6
	0.00000	20.55000	45.10000	-1.0971	44.950	-46.181E-6	-0.21730	2.8936E-6
	0.00000	20.65000	45.10000	-1.0578	44.950	-40.548E-6	-0.20498	2.7298E-6
	0.00000	20.75000	45.10000	-1.0198	44.950	-35.724E-6	-0.19358	2.5782E-6
	0.00000	20.85000	45.10000	-0.98307	44.950	-31.582E-6	-0.18303	2.4378E-6
	0.00000	20.95000	45.10000	-0.94742	44.950	-28.012E-6	-0.17324	2.3077E-6
	0.00000	21.05000	45.10000	-0.91281	44.950	-24.927E-6	-0.16417	2.1869E-6
	0.00000	21.15000	45.10000	-0.87918	44.950	-22.251E-6	-0.15573	2.0746E-6
	0.00000	21.25000	45.10000	-0.84648	44.950	-19.922E-6	-0.14788	1.9701E-6
	0.00000	21.35000	45.10000	-0.81468	44.950	-17.889E-6	-0.14057	1.8728E-6
	0.00000	21.45000	45.10000	-0.78375	44.950	-16.108E-6	-0.13374	1.7820E-6
	0.00000	21.55000	45.10000	-0.75365	44.950	-14.543E-6	-0.12737	1.6971E-6
	0.00000	21.65000	45.10000	-0.72436	44.950	-13.163E-6	-0.12141	1.6177E-6
	0.00000	21.75000	45.10000	-0.69586	44.950	-11.943E-6	-0.11583	1.5434E-6
	0.00000	21.85000	45.10000	-0.66813	44.950	-10.861E-6	-0.11059	1.4737E-6
	0.00000	21.95000	45.10000	-0.64115	44.950	-9.8995E-6	-0.10568	1.4083E-6
	0.00000	22.05000	45.10000	-0.61489	44.950	-9.0419E-6	-0.10106	1.3467E-6
	0.00000	22.15000	45.10000	-0.58936	44.950	-8.2753E-6	-0.096714	1.2889E-6
	0.00000	22.25000	45.10000	-0.56451	44.950	-7.5883E-6	-0.092621	1.2343E-6
	0.00000	22.35000	45.10000	-0.54035	44.950	-6.9711E-6	-0.088761	1.1829E-6
	0.00000	22.45000	45.10000	-0.51684	44.950	-6.4153E-6	-0.085118	1.1344E-6
	0.00000	22.55000	45.10000	-0.49398	44.950	-5.9139E-6	-0.081677	1.0885E-6
	0.00000	22.65000	45.10000	-0.47175	44.950	-5.4603E-6	-0.078422	1.0452E-6
	0.00000	22.75000	45.10000	-0.45013	44.950	-5.0494E-6	-0.075342	1.0042E-6
	0.00000	22.85000	45.10000	-0.42911	44.950	-4.6762E-6	-0.072424	0.0
	0.00000	22.95000	45.10000	-0.40866	44.950	-4.3368E-6	-0.069657	0.0
	0.00000	23.05000	45.10000	-0.38878	44.950	-4.0275E-6	-0.067032	0.0
	0.00000	23.15000	45.10000	-0.36945	44.950	-3.7451E-6	-0.064539	0.0
	0.00000	23.25000	45.10000	-0.35065	44.950	-3.4868E-6	-0.062169	0.0
	0.00000	23.35000	45.10000	-0.33237	44.950	-3.2503E-6	-0.059916	0.0
	0.00000	23.45000	45.10000	-0.31459	44.950	-3.0334E-6	-0.057771	0.0
	0.00000	23.55000	45.10000	-0.29730	44.950	-2.8340E-6	-0.055729	0.0
	0.00000	23.65000	45.10000	-0.28049	44.950	-2.6507E-6	-0.053782	0.0
	0.00000	23.75000	45.10000	-0.26415	44.950	-2.4817E-6	-0.051926	0.0
	0.00000	23.85000	45.10000	-0.24825	44.950	-2.3258E-6	-0.050154	0.0
	0.00000	23.95000	45.10000	-0.23279	44.950	-2.1819E-6	-0.048463	0.0
	0.00000	24.05000	45.10000	-0.21775	44.950	-2.0487E-6	-0.046847	0.0
	0.00000	24.15000	45.10000	-0.20313	44.950	-1.9254E-6	-0.045303	0.0
	0.00000	24.25000	45.10000	-0.18890	44.950	-1.8111E-6	-0.043826	0.0
	0.00000	24.35000	45.10000	-0.17507	44.950	-1.7050E-6	-0.042412	0.0
	0.00000	24.45000	45.10000	-0.16161	44.950	-1.6064E-6	-0.041059	0.0
	0.00000	24.55000	45.10000	-0.14852	44.950	-1.5148E-6	-0.039763	0.0
	0.00000	24.65000	45.10000	-0.13579	44.950	-1.4294E-6	-0.038520	0.0
	0.00000	24.75000	45.10000	-0.12340	44.950	-1.3499E-6	-0.037329	0.0
	0.00000	24.85000	45.10000	-0.11135	44.950	-1.2757E-6	-0.036186	0.0
	0.00000	24.95000	45.10000	-0.099627	44.950	-1.2064E-6	-0.035089	0.0
	0.00000	25.05000	45.10000	-0.088222	44.950	-1.1417E-6	-0.034036	0.0
	0.00000	25.15000	45.10000	-0.077127	44.950	-1.0811E-6	-0.033025	0.0
	0.00000	25.25000	45.10000	-0.066332	44.950	-1.0244E-6	-0.032053	0.0
	0.00000	25.35000	45.10000	-0.055829	44.950	0.0	-0.031118	0.0
	0.00000	25.45000	45.10000	-0.045611	44.950	0.0	-0.030220	0.0
	0.00000	25.55000	45.10000	-0.035669	44.950	0.0	-0.029355	0.0
	0.00000	25.65000	45.10000	-0.025996	44.950	0.0	-0.028523	0.0
	0.00000	25.75000	45.10000	-0.016584	44.950	0.0	-0.027722	0.0
	0.00000	25.85000	45.10000	-0.0074270	44.950	0.0	-0.026950	0.0
	0.00000	25.95000	45.10000	0.0014826	44.950	0.0	-0.026207	0.0
	0.00000	26.05000	45.10000	0.010151	44.950	0.0	-0.025490	0.0
	0.00000	26.15000	45.10000	0.018585	44.950	0.0	-0.024799	0.0
	0.00000	26.25000	45.10000	0.026791	44.950	0.0	-0.024133	0.0
	0.00000	26.35000	45.10000	0.034775	44.950	0.0	-0.023490	0.0
	0.00000	26.45000	45.10000	0.042542	44.950	0.0	-0.022869	0.0
	0.00000	26.55000	45.10000	0.050099	44.950	0.0	-0.022270	0.0
	0.00000	26.65000	45.10000	0.057450	44.950	0.0	-0.021691	0.0
	0.00000	26.75000	45.10000	0.064601	44.950	0.0	-0.021133	0.0
	0.00000	26.85000	45.10000	0.071558	44.950	0.0	-0.020593	0.0
	0.00000	26.95000	45.10000	0.078324	44.950	0.0	-0.020071	0.0
	0.00000	27.05000	45.10000	0.084906	44.950	0.0	-0.019566	0.0
	0.00000	27.15000	45.10000	0.091308	44.950	0.0	-0.019078	0.0
	0.00000	27.25000	45.10000	0.097533	44.950	0.0	-0.018606	0.0
	0.00000	27.35000	45.10000	0.10359	44.950	0.0	-0.018149	0.0
	0.00000	27.45000	45.10000	0.10948	44.950	0.0	-0.017707	0.0
	0.00000	27.55000	45.10000	0.11520	44.950	0.0	-0.017279	0.0
	0.00000	27.65000	45.10000	0.12077	44.950	0.0	-0.016864	0.0
	0.00000	27.75000	45.10000	0.12618	44.950	0.0	-0.016463	0.0
	0.00000	27.85000	45.10000	0.13144	44.950	0.0	-0.016074	0.0
	0.00000	27.95000	45.10000	0.13655	44.950	0.0	-0.015697	0.0
	0.00000	28.05000	45.10000	0.14152	44.950	0.0	-0.015331	0.0
	0.00000	28.15000	45.10000	0.14635	44.950	0.0	-0.014977	0.0
	0.00000	28.25000	45.10000	0.15104	44.950	0.0	-0.014633	0.0
	0.00000	28.35000	45.10000	0.15560	44.950	0.0	-0.014300	0.0
	0.00000	28.45000	45.10000	0.16003	44.950	0.0	-0.013977	0.0
	0.00000	28.55000	45.10000	0.16433	44.950	0.0	-0.013663	0.0
	0.00000	28.65000	45.10000	0.16850	44.950	0.0	-0.013358	0.0
	0.00000	28.75000	45.10000	0.17256	44.950	0.0	-0.013063	0.0
	0.00000	28.85000	45.10000	0.17650	44.950	0.0	-0.012776	0.0
	0.00000	28.95000	45.10000	0.18032	44.950	0.0	-0.012497	0.0
	0.00000	29.05000	45.10000	0.18403	44.950	0.0	-0.012226	0.0
	0.00000	29.15000	45.10000	0.18762	44.950	0.0	-0.011963	0.0
	0.00000	29.25000	45.10000	0.19112	44.950	0.0	-0.011707	0.0
	0.00000	29.35000	45.10000	0.19450	44.950	0.0	-0.011458	0.0
	0.00000	29.45000	45.10000	0.19779	44.950	0.0	-0.011216	0.0
	0.00000	29.55000	45.10000	0.20097	44.950	0.0	-0.010981	0.0
	0.00000	29.65000	45.10000	0.20406	44.950	0.0	-0.010753	0.0
	0.00000	29.75000	45.10000	0.20705	44.950	0.0	-0.010530	0.0
	0.00000	29.85000	45.10000	0.20994	44.950	0.0	-0.010314	0.0
	0.00000	29.95000	45.10000	0.21275	44.950	0.0	-0.010104	0.0
	0.00000	30.05000	45.10000	0.21546	44.950	0.0	-0.0098987	0.0
	0.00000	30.15000	45.10000	0.21809	44.950	0.0	-0.0096992	0.0
	0.00000	30.25000	45.10000	0.22064	44.950	0.0	-0.0095050	0.0
	0.00000	30.35000	45.10000	0.22310	44.950	0.0	-0.0093159	0.0
	0.00000	30.45000	45.10000	0.22548	44.950	0.0	-0.0091318	0.0
	0.00000	30.55000	45.10000	0.22778	44.950	0.0	-0.0089524	0.0
	0.00000	30.65000	45.10000	0.23001	44.950	0.0	-0.0087776	0.0
	0.00000	30.75000	45.10000	0.23215	44.950	0.0	-0.0086073	0.0
	0.00000	30.85000	45.10000	0.23423	44.950	0.0	-0.0084413	0.0
	0.00000	30.95000	45.10000	0.23623	44.950	0.0	-0.0082795	0.0
	0.00000	31.05000	45.10000	0.23816	44.950	0.0	-0.0081218	0.0
	0.00000	31.15000	45.10000	0.24002	44.950	0.0	-0.0079680	0.0
	0.00000	31.25000	45.10000	0.24182	44.950	0.0	-0.0078180	0.0
	0.00000	31.35000	45.10000	0.24354	44.950	0.0	-0.0076718	0.0
	0.00000	31.45000	45.10000	0.24521	44.950	0.0	-0.0075291	0.0
	0.00000	31.55000	45.10000	0.24681	44.950	0.0	-0.0073899	0.0

Name	Location			Displacement	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	31.65000	45.10000	0.24835	44.950	0.0	-0.0072541	0.0
	0.00000	31.75000	45.10000	0.24983	44.950	0.0	-0.0071215	0.0
	0.00000	31.85000	45.10000	0.25125	44.950	0.0	-0.0069921	0.0
	0.00000	31.95000	45.10000	0.25261	44.950	0.0	-0.0068659	0.0
	0.00000	32.05000	45.10000	0.25392	44.950	0.0	-0.0067426	0.0
	0.00000	32.15000	45.10000	0.25517	44.950	0.0	-0.0066222	0.0
	0.00000	32.25000	45.10000	0.25637	44.950	0.0	-0.0065046	0.0
	0.00000	32.35000	45.10000	0.25752	44.950	0.0	-0.0063898	0.0
	0.00000	32.45000	45.10000	0.25861	44.950	0.0	-0.0062776	0.0
	0.00000	32.55000	45.10000	0.25966	44.950	0.0	-0.0061680	0.0
	0.00000	32.65000	45.10000	0.26065	44.950	0.0	-0.0060610	0.0
	0.00000	32.75000	45.10000	0.26160	44.950	0.0	-0.0059563	0.0
	0.00000	32.85000	45.10000	0.26250	44.950	0.0	-0.0058541	0.0
	0.00000	32.95000	45.10000	0.26336	44.950	0.0	-0.0057541	0.0
	0.00000	33.05000	45.10000	0.26417	44.950	0.0	-0.0056564	0.0
	0.00000	33.15000	45.10000	0.26494	44.950	0.0	-0.0055609	0.0
	0.00000	33.25000	45.10000	0.26566	44.950	0.0	-0.0054675	0.0
	0.00000	33.35000	45.10000	0.26635	44.950	0.0	-0.0053761	0.0
	0.00000	33.45000	45.10000	0.26699	44.950	0.0	-0.0052868	0.0
	0.00000	33.55000	45.10000	0.26760	44.950	0.0	-0.0051994	0.0
	0.00000	33.65000	45.10000	0.26816	44.950	0.0	-0.0051139	0.0
	0.00000	33.75000	45.10000	0.26869	44.950	0.0	-0.0050303	0.0
	0.00000	33.85000	45.10000	0.26918	44.950	0.0	-0.0049484	0.0
	0.00000	33.95000	45.10000	0.26963	44.950	0.0	-0.0048683	0.0
	0.00000	34.05000	45.10000	0.27005	44.950	0.0	-0.0047899	0.0
	0.00000	34.15000	45.10000	0.27043	44.950	0.0	-0.0047132	0.0
	0.00000	34.25000	45.10000	0.27078	44.950	0.0	-0.0046381	0.0
	0.00000	34.35000	45.10000	0.27110	44.950	0.0	-0.0045645	0.0
	0.00000	34.45000	45.10000	0.27139	44.950	0.0	-0.0044925	0.0
	0.00000	34.55000	45.10000	0.27164	44.950	0.0	-0.0044220	0.0
	0.00000	34.65000	45.10000	0.27186	44.950	0.0	-0.0043530	0.0
	0.00000	34.75000	45.10000	0.27206	44.950	0.0	-0.0042853	0.0
	0.00000	34.85000	45.10000	0.27222	44.950	0.0	-0.0042191	0.0
	0.00000	34.95000	45.10000	0.27236	44.950	0.0	-0.0041541	0.0
	0.00000	35.05000	45.10000	0.27246	44.950	0.0	-0.0040906	0.0
	0.00000	35.15000	45.10000	0.27254	44.950	0.0	-0.0040282	0.0
	0.00000	35.25000	45.10000	0.27260	44.950	0.0	-0.0039672	0.0
	0.00000	35.35000	45.10000	0.27263	44.950	0.0	-0.0039073	0.0
	0.00000	35.45000	45.10000	0.27263	44.950	0.0	-0.0038487	0.0
	0.00000	35.55000	45.10000	0.27261	44.950	0.0	-0.0037912	0.0
	0.00000	35.65000	45.10000	0.27256	44.950	0.0	-0.0037348	0.0
	0.00000	35.75000	45.10000	0.27249	44.950	0.0	-0.0036795	0.0
	0.00000	35.85000	45.10000	0.27240	44.950	0.0	-0.0036254	0.0
	0.00000	35.95000	45.10000	0.27229	44.950	0.0	-0.0035722	0.0
	0.00000	36.05000	45.10000	0.27215	44.950	0.0	-0.0035201	0.0
	0.00000	36.15000	45.10000	0.27199	44.950	0.0	-0.0034690	0.0
	0.00000	36.25000	45.10000	0.27181	44.950	0.0	-0.0034189	0.0
	0.00000	36.35000	45.10000	0.27162	44.950	0.0	-0.0033697	0.0
	0.00000	36.45000	45.10000	0.27140	44.950	0.0	-0.0033215	0.0
	0.00000	36.55000	45.10000	0.27116	44.950	0.0	-0.0032741	0.0
	0.00000	36.65000	45.10000	0.27090	44.950	0.0	-0.0032277	0.0
	0.00000	36.75000	45.10000	0.27063	44.950	0.0	-0.0031821	0.0
	0.00000	36.85000	45.10000	0.27034	44.950	0.0	-0.0031374	0.0
	0.00000	36.95000	45.10000	0.27003	44.950	0.0	-0.0030935	0.0
	0.00000	37.05000	45.10000	0.26970	44.950	0.0	-0.0030504	0.0
	0.00000	37.15000	45.10000	0.26936	44.950	0.0	-0.0030081	0.0
	0.00000	37.25000	45.10000	0.26900	44.950	0.0	-0.0029665	0.0
	0.00000	37.35000	45.10000	0.26862	44.950	0.0	-0.0029258	0.0
	0.00000	37.45000	45.10000	0.26823	44.950	0.0	-0.0028857	0.0
	0.00000	37.55000	45.10000	0.26783	44.950	0.0	-0.0028464	0.0
	0.00000	37.65000	45.10000	0.26741	44.950	0.0	-0.0028078	0.0
	0.00000	37.75000	45.10000	0.26698	44.950	0.0	-0.0027699	0.0
	0.00000	37.85000	45.10000	0.26653	44.950	0.0	-0.0027327	0.0
	0.00000	37.95000	45.10000	0.26607	44.950	0.0	-0.0026961	0.0
	0.00000	38.05000	45.10000	0.26560	44.950	0.0	-0.0026602	0.0
	0.00000	38.15000	45.10000	0.26511	44.950	0.0	-0.0026249	0.0
	0.00000	38.25000	45.10000	0.26462	44.950	0.0	-0.0025902	0.0
	0.00000	38.35000	45.10000	0.26411	44.950	0.0	-0.0025561	0.0
	0.00000	38.45000	45.10000	0.26358	44.950	0.0	-0.0025226	0.0
	0.00000	38.55000	45.10000	0.26305	44.950	0.0	-0.0024897	0.0
	0.00000	38.65000	45.10000	0.26251	44.950	0.0	-0.0024574	0.0
	0.00000	38.75000	45.10000	0.26196	44.950	0.0	-0.0024256	0.0
	0.00000	38.85000	45.10000	0.26139	44.950	0.0	-0.0023943	0.0
	0.00000	38.95000	45.10000	0.26082	44.950	0.0	-0.0023636	0.0
	0.00000	39.05000	45.10000	0.26023	44.950	0.0	-0.0023334	0.0
	0.00000	39.15000	45.10000	0.25964	44.950	0.0	-0.0023037	0.0
	0.00000	39.25000	45.10000	0.25904	44.950	0.0	-0.0022746	0.0
	0.00000	39.35000	45.10000	0.25843	44.950	0.0	-0.0022459	0.0
	0.00000	39.45000	45.10000	0.25781	44.950	0.0	-0.0022176	0.0
	0.00000	39.55000	45.10000	0.25718	44.950	0.0	-0.0021899	0.0
	0.00000	39.65000	45.10000	0.25654	44.950	0.0	-0.0021626	0.0
	0.00000	39.75000	45.10000	0.25590	44.950	0.0	-0.0021357	0.0
	0.00000	39.85000	45.10000	0.25525	44.950	0.0	-0.0021093	0.0
	0.00000	39.95000	45.10000	0.25459	44.950	0.0	-0.0020834	0.0
	0.00000	40.05000	45.10000	0.25392	44.950	0.0	-0.0020578	0.0
	0.00000	40.15000	45.10000	0.25325	44.950	0.0	-0.0020327	0.0
	0.00000	40.25000	45.10000	0.25257	44.950	0.0	-0.0020080	0.0
	0.00000	40.35000	45.10000	0.25189	44.950	0.0	-0.0019836	0.0
	0.00000	40.45000	45.10000	0.25119	44.950	0.0	-0.0019597	0.0
	0.00000	40.55000	45.10000	0.25050	44.950	0.0	-0.0019361	0.0
	0.00000	40.65000	45.10000	0.24979	44.950	0.0	-0.0019129	0.0
	0.00000	40.75000	45.10000	0.24908	44.950	0.0	-0.0018901	0.0
	0.00000	40.85000	45.10000	0.24837	44.950	0.0	-0.0018676	0.0
	0.00000	40.95000	45.10000	0.24765	44.950	0.0	-0.0018455	0.0
	0.00000	41.05000	45.10000	0.24693	44.950	0.0	-0.0018238	0.0
	0.00000	41.15000	45.10000	0.24620	44.950	0.0	-0.0018023	0.0
	0.00000	41.25000	45.10000	0.24546	44.950	0.0	-0.0017813	0.0
	0.00000	41.35000	45.10000	0.24472	44.950	0.0	-0.0017605	0.0
	0.00000	41.45000	45.10000	0.24398	44.950	0.0	-0.0017400	0.0
	0.00000	41.55000	45.10000	0.24324	44.950	0.0	-0.0017199	0.0
	0.00000	41.65000	45.10000	0.24248	44.950	0.0	-0.0017001	0.0
	0.00000	41.75000	45.10000	0.24173	44.950	0.0	-0.0016806	0.0
	0.00000	41.85000	45.10000	0.24097	44.950	0.0	-0.0016613	0.0
	0.00000	41.95000	45.10000	0.24021	44.950	0.0	-0.0016424	0.0
	0.00000	42.05000	45.10000	0.23945	44.950	0.0	-0.0016238	0.0
	0.00000	42.15000	45.10000	0.23868	44.950	0.0	-0.0016054	0.0
	0.00000	42.25000	45.10000	0.23791	44.950	0.0	-0.0015873	0.0
	0.00000	42.35000	45.10000	0.23714	44.950	0.0	-0.0015695	0.0
	0.00000	42.45000	45.10000	0.23636	44.950	0.0	-0.0015519	0.0
	0.00000	42.55000	45.10000	0.23558	44.950	0.0	-0.0015346	0.0
	0.00000	42.65000	45.10000	0.23480	44.950	0.0	-0.0015176	0.0
	0.00000	42.75000	45.10000	0.23402	44.950	0.0	-0.0015008	0.0
	0.00000	42.85000	45.10000	0.23323	44.950	0.0	-0.0014842	0.0
	0.00000	42.95000	45.10000	0.23245	44.950	0.0	-0.0014679	0.0
	0.00000	43.05000	45.10000	0.23166	44.950	0.0	-0.0014518	0.0
	0.00000	43.15000	45.10000	0.23087	44.950	0.0	-0.0014360	0.0
	0.00000	43.25000	45.10000	0.23008	44.950	0.0	-0.0014204	0.0
	0.00000	43.35000	45.10000	0.22928	44.950	0.0	-0.0014050	0.0
	0.00000	43.45000	45.10000	0.22849	44.950	0.0	-0.0013898	0.0
	0.00000	43.55000	45.10000	0.22769	44.950	0.0	-0.0013749	0.0
	0.00000	43.65000	45.10000	0.22689	44.950	0.0	-0.0013602	0.0
	0.00000	43.75000	45.10000	0.22609	44.950	0.0	-0.0013456	0.0
	0.00000	43.85000	45.10000	0.22529	44.950	0.0	-0.0013313	0.0
	0.00000	43.95000	45.10000	0.22449	44.950	0.0	-0.0013172	0.0
	0.00000	44.05000	45.10000	0.22369	44.950	0.0	-0.0013033	0.0
	0.00000	44.15000	45.10000	0.22289	44.950	0.0	-0.0012895	0.0
	0.00000	44.25000	45.10000	0.22209	44.950	0.0	-0.0012760	0.0
	0.00000	44.35000	45.10000	0.22128	44.950	0.0	-0.0012627	0.0
	0.00000	44.45000	45.10000	0.22048	44.950	0.0	-0.0012495	0.0
	0.00000	44.55000	45.10000	0.21968	44.950	0.0	-0.0012365	0.0
	0.00000	44.65000	45.10000	0.21887	44.950	0.0	-0.0012237	0.0
	0.00000	44.75000	45.10000	0.21807	44.950	0.0	-0.0012111	0.0
	0.00000	44.85000	45.10000	0.21726	44.950	0.0	-0.0011986	0.0
	0.00000	44.95000	45.10000	0.21646	44.950	0.0	-0.0011863	0.0
	0.00000	45.05000	45.10000	0.21566	44.950	0.0	-0.0011742	0.0
	0.00000	45.15000	45.10000	0.21485	44.950	0.0	-0.0011623	0.0
	0.00000	45.25000	45.10000	0.21405	44.950	0.0	-0.0011505	0.0
	0.00000	45.35000	45.10000	0.21324	44.950	0.0	-0.0011388	0.0
	0.00000	45.45000	45.10000	0.21244	44.950	0.0	-0.0011274	0.0
	0.00000	45.55000	45.10000	0.21164	44.950	0.0	-0.0011160	0.0
	0.00000	45.65000	45.10000	0.21084	44.950	0.0	-0.0011049	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Displacement Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	0.00000	45.75000	45.10000	0.21004	44.950	0.0	-0.0010938	0.0
	0.00000	45.85000	45.10000	0.20923	44.950	0.0	-0.0010829	0.0
	0.00000	45.95000	45.10000	0.20843	44.950	0.0	-0.0010722	0.0
	0.00000	46.05000	45.10000	0.20764	44.950	0.0	-0.0010616	0.0
	0.00000	46.15000	45.10000	0.20684	44.950	0.0	-0.0010512	0.0
	0.00000	46.25000	45.10000	0.20604	44.950	0.0	-0.0010408	0.0
	0.00000	46.35000	45.10000	0.20524	44.950	0.0	-0.0010306	0.0
	0.00000	46.45000	45.10000	0.20445	44.950	0.0	-0.0010206	0.0
	0.00000	46.55000	45.10000	0.20365	44.950	0.0	-0.0010107	0.0
	0.00000	46.65000	45.10000	0.20286	44.950	0.0	-0.0010009	0.0
	0.00000	46.75000	45.10000	0.20207	44.950	0.0	-991.19E-6	0.0
	0.00000	46.85000	45.10000	0.20127	44.950	0.0	-981.64E-6	0.0
	0.00000	46.95000	45.10000	0.20049	44.950	0.0	-972.21E-6	0.0
	0.00000	47.05000	45.10000	0.19970	44.950	0.0	-962.91E-6	0.0
	0.00000	47.15000	45.10000	0.19891	44.950	0.0	-953.72E-6	0.0
	0.00000	47.25000	45.10000	0.19812	44.950	0.0	-944.64E-6	0.0
	0.00000	47.35000	45.10000	0.19734	44.950	0.0	-935.69E-6	0.0
	0.00000	47.45000	45.10000	0.19656	44.950	0.0	-926.84E-6	0.0
	0.00000	47.55000	45.10000	0.19577	44.950	0.0	-918.10E-6	0.0
	0.00000	47.65000	45.10000	0.19499	44.950	0.0	-909.48E-6	0.0
	0.00000	47.75000	45.10000	0.19422	44.950	0.0	-900.96E-6	0.0
	0.00000	47.85000	45.10000	0.19344	44.950	0.0	-892.55E-6	0.0
	0.00000	47.95000	45.10000	0.19267	44.950	0.0	-884.24E-6	0.0
	0.00000	48.05000	45.10000	0.19189	44.950	0.0	-876.03E-6	0.0
	0.00000	48.15000	45.10000	0.19112	44.950	0.0	-867.93E-6	0.0
	0.00000	48.25000	45.10000	0.19035	44.950	0.0	-859.92E-6	0.0
	0.00000	48.35000	45.10000	0.18958	44.950	0.0	-852.01E-6	0.0
Pad A	8.19500	8.25100	43.70000	-6.4700	43.650	-0.0022324	-0.24288	4.8703E-6
	8.19500	8.15100	43.70000	-6.0366	43.650	-0.0021892	-0.24015	4.8167E-6
	8.19500	8.05100	43.70000	-5.6154	43.650	-0.0021467	-0.23744	4.7635E-6
	8.19500	7.95100	43.70000	-5.2172	43.650	-0.0021049	-0.23475	4.7106E-6
	8.19500	7.85100	43.70000	-4.8503	43.650	-0.0020636	-0.23208	4.6581E-6
	8.19500	7.75100	43.70000	-4.5197	43.650	-0.0020231	-0.22943	4.6059E-6
	8.19500	7.65100	43.70000	-4.2274	43.650	-0.0019831	-0.22680	4.5541E-6
	8.19500	7.55100	43.70000	-3.9727	43.650	-0.0019439	-0.22418	4.5027E-6
	8.19500	7.45100	43.70000	-3.7532	43.650	-0.0019052	-0.22159	4.4517E-6
	8.19500	7.35100	43.70000	-3.5652	43.650	-0.0018672	-0.21902	4.4010E-6
	8.19500	7.25100	43.70000	-3.4044	43.650	-0.0018299	-0.21648	4.3508E-6
	8.19500	7.15100	43.70000	-3.2668	43.650	-0.0017932	-0.21395	4.3010E-6
	8.19500	7.05100	43.70000	-3.1484	43.650	-0.0017571	-0.21144	4.2516E-6
	8.19500	6.95100	43.70000	-3.0456	43.650	-0.0017217	-0.20896	4.2026E-6
	8.19500	6.85100	43.70000	-2.9554	43.650	-0.0016868	-0.20650	4.1540E-6
	8.19500	6.75100	43.70000	-2.8754	43.650	-0.0016527	-0.20406	4.1059E-6
	8.19500	6.65100	43.70000	-2.8035	43.650	-0.0016191	-0.20165	4.0582E-6
	8.19500	6.55100	43.70000	-2.7384	43.650	-0.0015861	-0.19926	4.0109E-6
	8.19500	6.45100	43.70000	-2.6788	43.650	-0.0015538	-0.19689	3.9640E-6
	8.19500	6.35100	43.70000	-2.6244	43.650	-0.0015220	-0.19454	3.9177E-6
	8.19500	6.25100	43.70000	-2.5751	43.650	-0.0014909	-0.19222	3.8717E-6
	8.19500	6.15100	43.70000	-2.5314	43.650	-0.0014603	-0.18992	3.8262E-6
	8.19500	6.05100	43.70000	-2.4949	43.650	-0.0014303	-0.18765	3.7812E-6
	8.19500	5.95100	43.70000	-2.4677	43.650	-0.0014009	-0.18540	3.7366E-6
	8.19500	5.85100	43.70000	-2.4536	43.650	-0.0013721	-0.18317	3.6924E-6
	8.19500	5.75100	43.70000	-2.4577	43.650	-0.0013438	-0.18097	3.6488E-6
	8.19500	5.65100	43.70000	-2.4865	43.650	-0.0013161	-0.17879	3.6055E-6
	8.19500	5.55100	43.70000	-2.5481	43.650	-0.0012889	-0.17663	3.5627E-6
	8.19500	5.45100	43.70000	-2.6504	43.650	-0.0012622	-0.17450	3.5204E-6
	8.19500	5.35100	43.70000	-2.7990	43.650	-0.0012361	-0.17239	3.4785E-6
	8.19500	5.25100	43.70000	-2.9945	43.650	-0.0012105	-0.17030	3.4371E-6
	8.19500	5.15100	43.70000	-3.2296	43.650	-0.0011855	-0.16824	3.3962E-6
	8.19500	5.05100	43.70000	-3.4890	43.650	-0.0011609	-0.16620	3.3557E-6
	8.19500	4.95100	43.70000	-3.7523	43.650	-0.0011368	-0.16419	3.3156E-6
	8.19500	4.85100	43.70000	-3.9992	43.650	-0.0011133	-0.16220	3.2760E-6
	8.19500	4.75100	43.70000	-4.2131	43.650	-0.0010902	-0.16023	3.2368E-6
	8.19500	4.65100	43.70000	-4.3849	43.650	-0.0010676	-0.15828	3.1981E-6
	8.19500	4.55100	43.70000	-4.5121	43.650	-0.0010454	-0.15636	3.1599E-6
	8.19500	4.45100	43.70000	-4.5984	43.650	-0.0010237	-0.15446	3.1220E-6
	8.19500	4.35100	43.70000	-4.6503	43.650	-0.0010025	-0.15259	3.0846E-6
	8.19500	4.25100	43.70000	-4.6755	43.650	-981.72E-6	-0.15073	3.0477E-6
	8.19500	4.15100	43.70000	-4.6812	43.650	-961.36E-6	-0.14890	3.0112E-6
	8.19500	4.05100	43.70000	-4.6731	43.650	-941.43E-6	-0.14709	2.9751E-6
	8.19500	3.95100	43.70000	-4.6559	43.650	-921.92E-6	-0.14530	2.9395E-6
	8.19500	3.85100	43.70000	-4.6329	43.650	-902.83E-6	-0.14354	2.9043E-6
	8.19500	3.75100	43.70000	-4.6063	43.650	-884.13E-6	-0.14180	2.8695E-6
	8.19500	3.65100	43.70000	-4.5777	43.650	-865.84E-6	-0.14007	2.8351E-6
	8.19500	3.55100	43.70000	-4.5484	43.650	-847.93E-6	-0.13837	2.8012E-6
	8.19500	3.45100	43.70000	-4.5188	43.650	-830.41E-6	-0.13670	2.7676E-6
	8.19500	3.35100	43.70000	-4.4896	43.650	-813.26E-6	-0.13504	2.7345E-6
	8.19500	3.25100	43.70000	-4.4608	43.650	-796.47E-6	-0.13340	2.7018E-6
	8.19500	3.15100	43.70000	-4.4328	43.650	-780.05E-6	-0.13179	2.6695E-6
	8.19500	3.05100	43.70000	-4.4055	43.650	-763.98E-6	-0.13019	2.6376E-6
	8.19500	2.95100	43.70000	-4.3788	43.650	-748.25E-6	-0.12862	2.6061E-6
	8.19500	2.85100	43.70000	-4.3527	43.650	-732.86E-6	-0.12706	2.5750E-6
	8.19500	2.75100	43.70000	-4.3268	43.650	-717.81E-6	-0.12553	2.5443E-6
	8.19500	2.65100	43.70000	-4.3008	43.650	-703.08E-6	-0.12401	2.5139E-6
	8.19500	2.55100	43.70000	-4.2740	43.650	-688.66E-6	-0.12252	2.4840E-6
	8.19500	2.45100	43.70000	-4.2454	43.650	-674.56E-6	-0.12104	2.4544E-6
	8.19500	2.35100	43.70000	-4.2133	43.650	-660.76E-6	-0.11958	2.4252E-6
	8.19500	2.25100	43.70000	-4.1757	43.650	-647.26E-6	-0.11814	2.3964E-6
	8.19500	2.15100	43.70000	-4.1291	43.650	-634.06E-6	-0.11673	2.3680E-6
	8.19500	2.05100	43.70000	-4.0691	43.650	-621.14E-6	-0.11532	2.3399E-6
	8.19500	1.95100	43.70000	-3.9894	43.650	-608.50E-6	-0.11394	2.3122E-6
	8.19500	1.85100	43.70000	-3.8821	43.650	-596.13E-6	-0.11258	2.2848E-6
	8.19500	1.75100	43.70000	-3.7381	43.650	-584.04E-6	-0.11123	2.2578E-6
	8.19500	1.65100	43.70000	-3.5487	43.650	-572.20E-6	-0.10990	2.2311E-6
	8.19500	1.55100	43.70000	-3.3083	43.650	-560.62E-6	-0.10859	2.2048E-6
	8.19500	1.45100	43.70000	-3.0186	43.650	-549.30E-6	-0.10730	2.1788E-6
	8.19500	1.35100	43.70000	-2.6917	43.650	-538.22E-6	-0.10602	2.1532E-6
	8.19500	1.25100	43.70000	-2.3494	43.650	-527.38E-6	-0.10476	2.1279E-6
	8.19500	1.15100	43.70000	-2.0185	43.650	-516.77E-6	-0.10352	2.1029E-6
	8.19500	1.05100	43.70000	-1.7220	43.650	-506.40E-6	-0.10229	2.0783E-6
	8.19500	0.95100	43.70000	-1.4738	43.650	-496.25E-6	-0.10108	2.0540E-6
	8.19500	0.85100	43.70000	-1.2770	43.650	-486.32E-6	-0.099890	2.0299E-6
	8.19500	0.75100	43.70000	-1.1270	43.650	-476.61E-6	-0.098712	2.0063E-6
	8.19500	0.65100	43.70000	-1.0152	43.650	-467.10E-6	-0.097550	1.9829E-6
	8.19500	0.55100	43.70000	-0.93255	43.650	-457.81E-6	-0.096403	1.9598E-6
	8.19500	0.45100	43.70000	-0.87091	43.650	-448.71E-6	-0.095272	1.9370E-6
	8.19500	0.35100	43.70000	-0.82385	43.650	-439.81E-6	-0.094155	1.9146E-6
	8.19500	0.25100	43.70000	-0.78662	43.650	-431.10E-6	-0.093054	1.8924E-6
	8.19500	0.15100	43.70000	-0.75584	43.650	-422.58E-6	-0.091967	1.8705E-6
	8.19500	0.05100	43.70000	-0.72923	43.650	-414.25E-6	-0.090894	1.8489E-6
	8.19500	-0.04900	43.70000	-0.70525	43.650	-406.10E-6	-0.089836	1.8276E-6
	8.19500	-0.14900	43.70000	-0.68290	43.650	-398.12E-6	-0.088793	1.8065E-6
	8.19500	-0.24900	43.70000	-0.66155	43.650	-390.31E-6	-0.087763	1.7858E-6
	8.19500	-0.34900	43.70000	-0.64080	43.650	-382.67E-6	-0.086747	1.7653E-6
	8.19500	-0.44900	43.70000	-0.62040	43.650	-375.20E-6	-0.085744	1.7451E-6
	8.19500	-0.54900	43.70000	-0.60021	43.650	-367.88E-6	-0.084755	1.7252E-6
	8.19500	-0.64900	43.70000	-0.58014	43.650	-360.73E-6	-0.083779	1.7055E-6
	8.19500	-0.74900	43.70000	-0.56016	43.650	-353.72E-6	-0.082816	1.6860E-6
	8.19500	-0.84900	43.70000	-0.54026	43.650	-346.87E-6	-0.081866	1.6669E-6
	8.19500	-0.94900	43.70000	-0.52045	43.650	-340.16E-6	-0.080929	1.6480E-6
	8.19500	-1.04900	43.70000	-0.50074	43.650	-333.60E-6	-0.080004	1.6293E-6
	8.19500	-1.14900	43.70000	-0.48116	43.650	-327.18E-6	-0.079092	1.6109E-6
	8.19500	-1.24900	43.70000	-0.46174	43.650	-320.89E-6	-0.078191	1.5927E-6
	8.19500	-1.34900	43.70000	-0.44252	43.650	-314.74E-6	-0.077303	1.5748E-6
	8.19500	-1.44900	43.70000	-0.42352	43.650	-308.72E-6	-0.076427	1.5571E-6
	8.19500	-1.54900	43.70000	-0.40477	43.650	-302.82E-6	-0.075562	1.5396E-6
	8.19500	-1.64900	43.70000	-0.38630	43.650	-297.05E-6	-0.074709	1.5224E-6
	8.19500	-1.74900	43.70000	-0.36813	43.650	-291.41E-6	-0.073867	1.5054E-6
	8.19500	-1.84900	43.70000	-0.35029	43.650	-285.88E-6	-0.073036	1.4886E-6
	8.19500	-1.94900	43.70000	-0.33278	43.650	-280.47E-6	-0.072217	1.4720E-6
	8.19500	-2.04900	43.70000	-0.31563	43.650	-275.18E-6	-0.071408	1.4556E-6
	8.19500	-2.14900	43.70000	-0.29885	43.650	-269.99E-6	-0.070610	1.4395E-6
	8.19500	-2.24900	43.70000	-0.28244	43.650	-264.92E-6	-0.069822	1.4236E-6
	8.19500	-2.34900	43.70000	-0.26640	43.650	-259.95E-6	-0.069045	1.4079E-6
	8.19500	-2.44900	43.70000	-0.25074	43.650	-255.08E-6	-0.068279	1.3924E-6
	8.19500	-2.54900	43.70000	-0.23547	43.650	-250.32E-6	-0.067522	1.3770E-6
	8.19500	-2.64900	43.70000	-0.22057	43.650	-245.66E-6	-0.066775	1.3619E-6
	8.19500	-2.74900	43.70000	-0.20606	43.650	-241.09E-6	-0.066039	1.3470E-6
	8.19500	-2.84900	43.70000	-0.19191	43.650	-236.62E-6	-0.065312	1.3323E-6
	8.19500	-2.94900	43.70000	-0.17813	43.650	-232.25E-6	-0.064594	1.3178E-6
	8.19500	-3.04900	43.70000	-0.16472	43.650	-227.96E-6	-0.063886	1.3035E-6

Name	Location			Displacement	Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	8.19500	-3.14900	43.70000	-0.15166	43.650	-223.76E-6	-0.063188	1.2893E-6
	8.19500	-3.24900	43.70000	-0.13895	43.650	-219.65E-6	-0.062498	1.2753E-6
	8.19500	-3.34900	43.70000	-0.12658	43.650	-215.63E-6	-0.061818	1.2616E-6
	8.19500	-3.44900	43.70000	-0.11454	43.650	-211.68E-6	-0.061146	1.2479E-6
	8.19500	-3.54900	43.70000	-0.10283	43.650	-207.82E-6	-0.060483	1.2345E-6
	8.19500	-3.64900	43.70000	-0.091441	43.650	-204.04E-6	-0.059829	1.2213E-6
	8.19500	-3.74900	43.70000	-0.080357	43.650	-200.33E-6	-0.059183	1.2082E-6
	8.19500	-3.84900	43.70000	-0.069574	43.650	-196.71E-6	-0.058546	1.1953E-6
	8.19500	-3.94900	43.70000	-0.059084	43.650	-193.15E-6	-0.057917	1.1825E-6
	8.19500	-4.04900	43.70000	-0.048880	43.650	-189.67E-6	-0.057297	1.1699E-6
	8.19500	-4.14900	43.70000	-0.038952	43.650	-186.26E-6	-0.056684	1.1575E-6
	8.19500	-4.24900	43.70000	-0.029295	43.650	-182.92E-6	-0.056079	1.1452E-6
	8.19500	-4.34900	43.70000	-0.019900	43.650	-179.64E-6	-0.055482	1.1331E-6
	8.19500	-4.44900	43.70000	-0.010760	43.650	-176.44E-6	-0.054893	1.1212E-6
	8.19500	-4.54900	43.70000	-0.0018688	43.650	-173.29E-6	-0.054312	1.1094E-6
	8.19500	-4.64900	43.70000	0.0067811	43.650	-170.22E-6	-0.053738	1.0977E-6
	8.19500	-4.74900	43.70000	0.015196	43.650	-167.20E-6	-0.053171	1.0862E-6
	8.19500	-4.84900	43.70000	0.023383	43.650	-164.24E-6	-0.052611	1.0749E-6
	8.19500	-4.94900	43.70000	0.031347	43.650	-161.34E-6	-0.052059	1.0637E-6
	8.19500	-5.04900	43.70000	0.039094	43.650	-158.51E-6	-0.051514	1.0526E-6
	8.19500	-5.14900	43.70000	0.046631	43.650	-155.72E-6	-0.050976	1.0417E-6
	8.19500	-5.24900	43.70000	0.053962	43.650	-153.00E-6	-0.050445	1.0309E-6
	8.19500	-5.34900	43.70000	0.061094	43.650	-150.32E-6	-0.049920	1.0202E-6
	8.19500	-5.44900	43.70000	0.068030	43.650	-147.71E-6	-0.049402	1.0097E-6
	8.19500	-5.54900	43.70000	0.074777	43.650	-145.14E-6	-0.048891	0.0
	8.19500	-5.64900	43.70000	0.081338	43.650	-142.62E-6	-0.048386	0.0
	8.19500	-5.74900	43.70000	0.087720	43.650	-140.15E-6	-0.047888	0.0
	8.19500	-5.84900	43.70000	0.093925	43.650	-137.74E-6	-0.047396	0.0
	8.19500	-5.94900	43.70000	0.099958	43.650	-135.37E-6	-0.046910	0.0
	8.19500	-6.04900	43.70000	0.10582	43.650	-133.04E-6	-0.046430	0.0
	8.19500	-6.14900	43.70000	0.11153	43.650	-130.76E-6	-0.045956	0.0
	8.19500	-6.24900	43.70000	0.11707	43.650	-128.53E-6	-0.045489	0.0
	8.19500	-6.34900	43.70000	0.12246	43.650	-126.34E-6	-0.045027	0.0
	8.19500	-6.44900	43.70000	0.12769	43.650	-124.19E-6	-0.044571	0.0
	8.19500	-6.54900	43.70000	0.13278	43.650	-122.08E-6	-0.044120	0.0
	8.19500	-6.64900	43.70000	0.13772	43.650	-120.02E-6	-0.043675	0.0
	8.19500	-6.74900	43.70000	0.14252	43.650	-117.99E-6	-0.043236	0.0
Pad B	12.07500	8.49700	43.70000	-6.5825	43.650	-780.20E-6	-0.13146	2.6629E-6
	12.07500	8.39700	43.70000	-6.1474	43.650	-770.60E-6	-0.13051	2.6439E-6
	12.07500	8.29700	43.70000	-5.7247	43.650	-761.05E-6	-0.12956	2.6249E-6
	12.07500	8.19700	43.70000	-5.3252	43.650	-751.54E-6	-0.12861	2.6059E-6
	12.07500	8.09700	43.70000	-4.9572	43.650	-742.08E-6	-0.12766	2.5869E-6
	12.07500	7.99700	43.70000	-4.6259	43.650	-732.67E-6	-0.12671	2.5678E-6
	12.07500	7.89700	43.70000	-4.3333	43.650	-723.32E-6	-0.12576	2.5488E-6
	12.07500	7.79700	43.70000	-4.0788	43.650	-714.02E-6	-0.12482	2.5298E-6
	12.07500	7.69700	43.70000	-3.8599	43.650	-704.78E-6	-0.12387	2.5109E-6
	12.07500	7.59700	43.70000	-3.6731	43.650	-695.60E-6	-0.12292	2.4919E-6
	12.07500	7.49700	43.70000	-3.5142	43.650	-686.49E-6	-0.12197	2.4730E-6
	12.07500	7.39700	43.70000	-3.3789	43.650	-677.44E-6	-0.12103	2.4540E-6
	12.07500	7.29700	43.70000	-3.2634	43.650	-668.46E-6	-0.12009	2.4352E-6
	12.07500	7.19700	43.70000	-3.1640	43.650	-659.54E-6	-0.11915	2.4163E-6
	12.07500	7.09700	43.70000	-3.0776	43.650	-650.70E-6	-0.11821	2.3975E-6
	12.07500	6.99700	43.70000	-3.0018	43.650	-641.92E-6	-0.11727	2.3787E-6
	12.07500	6.89700	43.70000	-2.9342	43.650	-633.22E-6	-0.11634	2.3600E-6
	12.07500	6.79700	43.70000	-2.8732	43.650	-624.59E-6	-0.11541	2.3413E-6
	12.07500	6.69700	43.70000	-2.8174	43.650	-616.04E-6	-0.11448	2.3227E-6
	12.07500	6.59700	43.70000	-2.7657	43.650	-607.56E-6	-0.11355	2.3041E-6
	12.07500	6.49700	43.70000	-2.7173	43.650	-599.16E-6	-0.11263	2.2856E-6
	12.07500	6.39700	43.70000	-2.6717	43.650	-590.84E-6	-0.11171	2.2672E-6
	12.07500	6.29700	43.70000	-2.6287	43.650	-582.60E-6	-0.11079	2.2488E-6
	12.07500	6.19700	43.70000	-2.5882	43.650	-574.43E-6	-0.10988	2.2305E-6
	12.07500	6.09700	43.70000	-2.5509	43.650	-566.35E-6	-0.10897	2.2122E-6
	12.07500	5.99700	43.70000	-2.5176	43.650	-558.35E-6	-0.10806	2.1940E-6
	12.07500	5.89700	43.70000	-2.4899	43.650	-550.43E-6	-0.10716	2.1759E-6
	12.07500	5.79700	43.70000	-2.4704	43.650	-542.59E-6	-0.10626	2.1579E-6
	12.07500	5.69700	43.70000	-2.4628	43.650	-534.83E-6	-0.10537	2.1399E-6
	12.07500	5.59700	43.70000	-2.4724	43.650	-527.16E-6	-0.10448	2.1221E-6
	12.07500	5.49700	43.70000	-2.5061	43.650	-519.57E-6	-0.10359	2.1043E-6
	12.07500	5.39700	43.70000	-2.5723	43.650	-512.07E-6	-0.10271	2.0866E-6
	12.07500	5.29700	43.70000	-2.6804	43.650	-504.64E-6	-0.10184	2.0690E-6
	12.07500	5.19700	43.70000	-2.8379	43.650	-497.31E-6	-0.10097	2.0514E-6
	12.07500	5.09700	43.70000	-3.0474	43.650	-490.05E-6	-0.10010	2.0340E-6
	12.07500	4.99700	43.70000	-3.3029	43.650	-482.89E-6	-0.099237	2.0167E-6
	12.07500	4.89700	43.70000	-3.5872	43.650	-475.80E-6	-0.098379	1.9994E-6
	12.07500	4.79700	43.70000	-3.8752	43.650	-468.80E-6	-0.097527	1.9823E-6
	12.07500	4.69700	43.70000	-4.1407	43.650	-461.89E-6	-0.096679	1.9652E-6
	12.07500	4.59700	43.70000	-4.3645	43.650	-455.06E-6	-0.095837	1.9483E-6
	12.07500	4.49700	43.70000	-4.5376	43.650	-448.31E-6	-0.094999	1.9314E-6
	12.07500	4.39700	43.70000	-4.6610	43.650	-441.65E-6	-0.094167	1.9147E-6
	12.07500	4.29700	43.70000	-4.7415	43.650	-435.07E-6	-0.093340	1.8980E-6
	12.07500	4.19700	43.70000	-4.7881	43.650	-428.57E-6	-0.092519	1.8815E-6
	12.07500	4.09700	43.70000	-4.8099	43.650	-422.16E-6	-0.091703	1.8651E-6
	12.07500	3.99700	43.70000	-4.8140	43.650	-415.83E-6	-0.090892	1.8487E-6
	12.07500	3.89700	43.70000	-4.8064	43.650	-409.58E-6	-0.090087	1.8325E-6
	12.07500	3.79700	43.70000	-4.7911	43.650	-403.41E-6	-0.089287	1.8164E-6
	12.07500	3.69700	43.70000	-4.7711	43.650	-397.33E-6	-0.088492	1.8004E-6
	12.07500	3.59700	43.70000	-4.7484	43.650	-391.33E-6	-0.087704	1.7845E-6
	12.07500	3.49700	43.70000	-4.7244	43.650	-385.40E-6	-0.086920	1.7687E-6
	12.07500	3.39700	43.70000	-4.6999	43.650	-379.56E-6	-0.086143	1.7531E-6
	12.07500	3.29700	43.70000	-4.6754	43.650	-373.80E-6	-0.085371	1.7375E-6
	12.07500	3.19700	43.70000	-4.6514	43.650	-368.11E-6	-0.084605	1.7220E-6
	12.07500	3.09700	43.70000	-4.6279	43.650	-362.51E-6	-0.083844	1.7067E-6
	12.07500	2.99700	43.70000	-4.6050	43.650	-356.98E-6	-0.083089	1.6915E-6
	12.07500	2.89700	43.70000	-4.5827	43.650	-351.53E-6	-0.082340	1.6764E-6
	12.07500	2.79700	43.70000	-4.5608	43.650	-346.16E-6	-0.081597	1.6614E-6
	12.07500	2.69700	43.70000	-4.5389	43.650	-340.86E-6	-0.080859	1.6465E-6
	12.07500	2.59700	43.70000	-4.5164	43.650	-335.64E-6	-0.080127	1.6317E-6
	12.07500	2.49700	43.70000	-4.4925	43.650	-330.49E-6	-0.079401	1.6171E-6
	12.07500	2.39700	43.70000	-4.4660	43.650	-325.42E-6	-0.078681	1.6025E-6
	12.07500	2.29700	43.70000	-4.4348	43.650	-320.41E-6	-0.077967	1.5881E-6
	12.07500	2.19700	43.70000	-4.3962	43.650	-315.49E-6	-0.077258	1.5738E-6
	12.07500	2.09700	43.70000	-4.3463	43.650	-310.63E-6	-0.076555	1.5596E-6
	12.07500	1.99700	43.70000	-4.2794	43.650	-305.85E-6	-0.075858	1.5455E-6
	12.07500	1.89700	43.70000	-4.1885	43.650	-301.13E-6	-0.075167	1.5316E-6
	12.07500	1.79700	43.70000	-4.0649	43.650	-296.49E-6	-0.074481	1.5177E-6
	12.07500	1.69700	43.70000	-3.8993	43.650	-291.91E-6	-0.073801	1.5040E-6
	12.07500	1.59700	43.70000	-3.6843	43.650	-287.40E-6	-0.073127	1.4903E-6
	12.07500	1.49700	43.70000	-3.4178	43.650	-282.96E-6	-0.072459	1.4768E-6
	12.07500	1.39700	43.70000	-3.1069	43.650	-278.59E-6	-0.071796	1.4634E-6
	12.07500	1.29700	43.70000	-2.7693	43.650	-274.28E-6	-0.071139	1.4502E-6
	12.07500	1.19700	43.70000	-2.4305	43.650	-270.04E-6	-0.070488	1.4370E-6
	12.07500	1.09700	43.70000	-2.1164	43.650	-265.86E-6	-0.069842	1.4239E-6
	12.07500	0.99700	43.70000	-1.8456	43.650	-261.74E-6	-0.069203	1.4110E-6
	12.07500	0.89700	43.70000	-1.6259	43.650	-257.69E-6	-0.068568	1.3982E-6
	12.07500	0.79700	43.70000	-1.4560	43.650	-253.70E-6	-0.067940	1.3855E-6
	12.07500	0.69700	43.70000	-1.3286	43.650	-249.77E-6	-0.067317	1.3729E-6
	12.07500	0.59700	43.70000	-1.2346	43.650	-245.90E-6	-0.066699	1.3604E-6
	12.07500	0.49700	43.70000	-1.1653	43.650	-242.09E-6	-0.066088	1.3480E-6
	12.07500	0.39700	43.70000	-1.1133	43.650	-238.34E-6	-0.065481	1.3357E-6
	12.07500	0.29700	43.70000	-1.0732	43.650	-234.65E-6	-0.064880	1.3235E-6
	12.07500	0.19700	43.70000	-1.0408	43.650	-231.02E-6	-0.064285	1.3115E-6
	12.07500	0.09700	43.70000	-1.0134	43.650	-227.44E-6	-0.063695	1.2995E-6
	12.07500	-0.00300	43.70000	-0.98898	43.650	-223.92E-6	-0.063111	1.2877E-6
	12.07500	-0.10300	43.70000	-0.96635	43.650	-220.45E-6	-0.062532	1.2760E-6
	12.07500	-0.20300	43.70000	-0.94466	43.650	-217.04E-6	-0.061958	1.2644E-6
	12.07500	-0.30300	43.70000	-0.92340	43.650	-213.68E-6	-0.061390	1.2529E-6
	12.07500	-0.40300	43.70000	-0.90226	43.650	-210.38E-6	-0.060827	1.2414E-6
	12.07500	-0.50300	43.70000	-0.88108	43.650	-207.12E-6	-0.060269	1.2301E-6
	12.07500	-0.60300	43.70000	-0.85977	43.650	-203.92E-6	-0.059717	1.2190E-6
	12.07500	-0.70300	43.70000	-0.83831	43.650	-200.77E-6	-0.059169	1.2079E-6
	12.07500	-0.80300	43.70000	-0.81671	43.650	-197.67E-6	-0.058627	1.1969E-6
	12.07500	-0.90300	43.70000	-0.79500	43.650	-194.62E-6	-0.058090	1.1860E-6
	12.07500	-1.00300	43.70000	-0.77322	43.650	-191.61E-6	-0.057558	1.1752E-6
	12.07500	-1.10300	43.70000	-0.75143	43.650	-188.66E-6	-0.057032	1.1645E-6
	12.07500	-1.20300	43.70000	-0.72966	43.650	-185.75E-6	-0.056510	1.1539E-6
	12.07500	-1.30300	43.70000	-0.70796	43.650	-182.89E-6	-0.055993	1.1435E-6
	12.07500	-1.40300	43.70000	-0.68639	43.650	-180.07E-6	-0.055481	1.1331E-6
	12.07500	-1.50300	43.70000	-0.66497	43.650	-177.30E-6	-0.054975	1.1228E-6
	12.07500	-1.60300	43.70000	-0.64376	43.650	-174.57E-6	-0.054473	1.1126E-6
	12.07500	-1.70300	43.70000	-0.62277	43.650	-171.89E-6	-0.053976	1.1025E-6
	12.07500	-1.80300	43.70000	-0.60203	43.650	-169.25E-6	-0.053484	1.0926E-6

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Displacement Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	12.07500	-1.90300	43.70000	-0.58158	43.650	-166.65E-6	-0.052996	1.0827E-6
	12.07500	-2.00300	43.70000	-0.56142	43.650	-164.09E-6	-0.052514	1.0729E-6
	12.07500	-2.10300	43.70000	-0.54159	43.650	-161.58E-6	-0.052036	1.0632E-6
	12.07500	-2.20300	43.70000	-0.52208	43.650	-159.11E-6	-0.051562	1.0536E-6
	12.07500	-2.30300	43.70000	-0.50291	43.650	-156.67E-6	-0.051094	1.0440E-6
	12.07500	-2.40300	43.70000	-0.48409	43.650	-154.28E-6	-0.050630	1.0346E-6
	12.07500	-2.50300	43.70000	-0.46562	43.650	-151.92E-6	-0.050170	1.0253E-6
	12.07500	-2.60300	43.70000	-0.44751	43.650	-149.60E-6	-0.049715	1.0161E-6
	12.07500	-2.70300	43.70000	-0.42975	43.650	-147.32E-6	-0.049265	1.0069E-6
	12.07500	-2.80300	43.70000	-0.41234	43.650	-145.08E-6	-0.048819	0.0
	12.07500	-2.90300	43.70000	-0.39527	43.650	-142.87E-6	-0.048378	0.0
	12.07500	-3.00300	43.70000	-0.37853	43.650	-140.70E-6	-0.047940	0.0
	12.07500	-3.10300	43.70000	-0.36211	43.650	-138.56E-6	-0.047508	0.0
	12.07500	-3.20300	43.70000	-0.34600	43.650	-136.46E-6	-0.047079	0.0
	12.07500	-3.30300	43.70000	-0.33020	43.650	-134.39E-6	-0.046655	0.0
	12.07500	-3.40300	43.70000	-0.31468	43.650	-132.36E-6	-0.046235	0.0
	12.07500	-3.50300	43.70000	-0.29944	43.650	-130.35E-6	-0.045819	0.0
	12.07500	-3.60300	43.70000	-0.28448	43.650	-128.38E-6	-0.045407	0.0
	12.07500	-3.70300	43.70000	-0.26978	43.650	-126.45E-6	-0.045000	0.0
	12.07500	-3.80300	43.70000	-0.25535	43.650	-124.54E-6	-0.044596	0.0
	12.07500	-3.90300	43.70000	-0.24119	43.650	-122.67E-6	-0.044197	0.0
	12.07500	-4.00300	43.70000	-0.22730	43.650	-120.82E-6	-0.043801	0.0
	12.07500	-4.10300	43.70000	-0.21366	43.650	-119.01E-6	-0.043410	0.0
	12.07500	-4.20300	43.70000	-0.20029	43.650	-117.22E-6	-0.043022	0.0
	12.07500	-4.30300	43.70000	-0.18718	43.650	-115.46E-6	-0.042639	0.0
	12.07500	-4.40300	43.70000	-0.17432	43.650	-113.74E-6	-0.042259	0.0
	12.07500	-4.50300	43.70000	-0.16169	43.650	-112.04E-6	-0.041883	0.0
	12.07500	-4.60300	43.70000	-0.14930	43.650	-110.36E-6	-0.041511	0.0
	12.07500	-4.70300	43.70000	-0.13712	43.650	-108.72E-6	-0.041142	0.0
	12.07500	-4.80300	43.70000	-0.12516	43.650	-107.10E-6	-0.040778	0.0
	12.07500	-4.90300	43.70000	-0.11341	43.650	-105.51E-6	-0.040417	0.0
	12.07500	-5.00300	43.70000	-0.10186	43.650	-103.94E-6	-0.040059	0.0
	12.07500	-5.10300	43.70000	-0.090496	43.650	-102.40E-6	-0.039705	0.0
	12.07500	-5.20300	43.70000	-0.079332	43.650	-100.88E-6	-0.039355	0.0
	12.07500	-5.30300	43.70000	-0.068363	43.650	-99.387E-6	-0.039008	0.0
	12.07500	-5.40300	43.70000	-0.057589	43.650	-97.919E-6	-0.038665	0.0
	12.07500	-5.50300	43.70000	-0.047014	43.650	-96.475E-6	-0.038325	0.0
	12.07500	-5.60300	43.70000	-0.036642	43.650	-95.053E-6	-0.037989	0.0
	12.07500	-5.70300	43.70000	-0.026476	43.650	-93.655E-6	-0.037656	0.0
	12.07500	-5.80300	43.70000	-0.016521	43.650	-92.279E-6	-0.037327	0.0
	12.07500	-5.90300	43.70000	-0.0067801	43.650	-90.925E-6	-0.037000	0.0
	12.07500	-6.00300	43.70000	0.0027419	43.650	-89.593E-6	-0.036677	0.0
	12.07500	-6.10300	43.70000	0.012042	43.650	-88.283E-6	-0.036358	0.0
	12.07500	-6.20300	43.70000	0.021117	43.650	-86.993E-6	-0.036041	0.0
	12.07500	-6.30300	43.70000	0.029966	43.650	-85.724E-6	-0.035728	0.0
	12.07500	-6.40300	43.70000	0.038585	43.650	-84.476E-6	-0.035418	0.0
	12.07500	-6.50300	43.70000	0.046976	43.650	-83.248E-6	-0.035111	0.0
Pad C	15.88900	8.25100	43.70000	-6.5255	43.650	-305.86E-6	-0.075740	1.5431E-6
	15.88900	8.15100	43.70000	-6.0902	43.650	-303.19E-6	-0.075349	1.5352E-6
	15.88900	8.05100	43.70000	-5.6672	43.650	-300.52E-6	-0.074958	1.5273E-6
	15.88900	7.95100	43.70000	-5.2671	43.650	-297.85E-6	-0.074565	1.5193E-6
	15.88900	7.85100	43.70000	-4.8982	43.650	-295.18E-6	-0.074170	1.5114E-6
	15.88900	7.75100	43.70000	-4.5656	43.650	-292.52E-6	-0.073775	1.5034E-6
	15.88900	7.65100	43.70000	-4.2713	43.650	-289.85E-6	-0.073378	1.4954E-6
	15.88900	7.55100	43.70000	-4.0145	43.650	-287.20E-6	-0.072981	1.4873E-6
	15.88900	7.45100	43.70000	-3.7929	43.650	-284.54E-6	-0.072582	1.4793E-6
	15.88900	7.35100	43.70000	-3.6027	43.650	-281.89E-6	-0.072183	1.4712E-6
	15.88900	7.25100	43.70000	-3.4399	43.650	-279.24E-6	-0.071783	1.4631E-6
	15.88900	7.15100	43.70000	-3.3002	43.650	-276.60E-6	-0.071382	1.4550E-6
	15.88900	7.05100	43.70000	-3.1798	43.650	-273.97E-6	-0.070981	1.4469E-6
	15.88900	6.95100	43.70000	-3.0751	43.650	-271.34E-6	-0.070579	1.4388E-6
	15.88900	6.85100	43.70000	-2.9831	43.650	-268.72E-6	-0.070176	1.4306E-6
	15.88900	6.75100	43.70000	-2.9013	43.650	-266.11E-6	-0.069773	1.4225E-6
	15.88900	6.65100	43.70000	-2.8277	43.650	-263.51E-6	-0.069370	1.4143E-6
	15.88900	6.55100	43.70000	-2.7606	43.650	-260.92E-6	-0.068966	1.4062E-6
	15.88900	6.45100	43.70000	-2.6989	43.650	-258.33E-6	-0.068563	1.3980E-6
	15.88900	6.35100	43.70000	-2.6416	43.650	-255.76E-6	-0.068159	1.3898E-6
	15.88900	6.25100	43.70000	-2.5882	43.650	-253.19E-6	-0.067755	1.3817E-6
	15.88900	6.15100	43.70000	-2.5386	43.650	-250.64E-6	-0.067351	1.3735E-6
	15.88900	6.05100	43.70000	-2.4929	43.650	-248.10E-6	-0.066947	1.3653E-6
	15.88900	5.95100	43.70000	-2.4518	43.650	-245.56E-6	-0.066543	1.3572E-6
	15.88900	5.85100	43.70000	-2.4168	43.650	-243.05E-6	-0.066140	1.3490E-6
	15.88900	5.75100	43.70000	-2.3900	43.650	-240.54E-6	-0.065736	1.3408E-6
	15.88900	5.65100	43.70000	-2.3747	43.650	-238.04E-6	-0.065333	1.3327E-6
	15.88900	5.55100	43.70000	-2.3757	43.650	-235.56E-6	-0.064930	1.3245E-6
	15.88900	5.45100	43.70000	-2.3990	43.650	-233.10E-6	-0.064528	1.3164E-6
	15.88900	5.35100	43.70000	-2.4522	43.650	-230.64E-6	-0.064126	1.3082E-6
	15.88900	5.25100	43.70000	-2.5425	43.650	-228.20E-6	-0.063725	1.3001E-6
	15.88900	5.15100	43.70000	-2.6752	43.650	-225.78E-6	-0.063324	1.2920E-6
	15.88900	5.05100	43.70000	-2.8499	43.650	-223.36E-6	-0.062924	1.2839E-6
	15.88900	4.95100	43.70000	-3.0575	43.650	-220.97E-6	-0.062525	1.2758E-6
	15.88900	4.85100	43.70000	-3.2804	43.650	-218.59E-6	-0.062126	1.2677E-6
	15.88900	4.75100	43.70000	-3.4963	43.650	-216.22E-6	-0.061728	1.2597E-6
	15.88900	4.65100	43.70000	-3.6855	43.650	-213.87E-6	-0.061331	1.2516E-6
	15.88900	4.55100	43.70000	-3.8362	43.650	-211.54E-6	-0.060935	1.2436E-6
	15.88900	4.45100	43.70000	-3.9453	43.650	-209.22E-6	-0.060540	1.2356E-6
	15.88900	4.35100	43.70000	-4.0166	43.650	-206.92E-6	-0.060146	1.2276E-6
	15.88900	4.25100	43.70000	-4.0572	43.650	-204.63E-6	-0.059753	1.2197E-6
	15.88900	4.15100	43.70000	-4.0748	43.650	-202.36E-6	-0.059360	1.2117E-6
	15.88900	4.05100	43.70000	-4.0760	43.650	-200.11E-6	-0.058969	1.2038E-6
	15.88900	3.95100	43.70000	-4.0662	43.650	-197.87E-6	-0.058579	1.1959E-6
	15.88900	3.85100	43.70000	-4.0491	43.650	-195.66E-6	-0.058191	1.1880E-6
	15.88900	3.75100	43.70000	-4.0276	43.650	-193.45E-6	-0.057803	1.1801E-6
	15.88900	3.65100	43.70000	-4.0036	43.650	-191.27E-6	-0.057417	1.1723E-6
	15.88900	3.55100	43.70000	-3.9781	43.650	-189.11E-6	-0.057031	1.1645E-6
	15.88900	3.45100	43.70000	-3.9521	43.650	-186.96E-6	-0.056648	1.1567E-6
	15.88900	3.35100	43.70000	-3.9261	43.650	-184.83E-6	-0.056265	1.1490E-6
	15.88900	3.25100	43.70000	-3.9003	43.650	-182.71E-6	-0.055884	1.1412E-6
	15.88900	3.15100	43.70000	-3.8749	43.650	-180.62E-6	-0.055505	1.1335E-6
	15.88900	3.05100	43.70000	-3.8500	43.650	-178.54E-6	-0.055126	1.1259E-6
	15.88900	2.95100	43.70000	-3.8256	43.650	-176.48E-6	-0.054750	1.1182E-6
	15.88900	2.85100	43.70000	-3.8018	43.650	-174.44E-6	-0.054374	1.1106E-6
	15.88900	2.75100	43.70000	-3.7785	43.650	-172.42E-6	-0.054001	1.1030E-6
	15.88900	2.65100	43.70000	-3.7557	43.650	-170.41E-6	-0.053629	1.0955E-6
	15.88900	2.55100	43.70000	-3.7333	43.650	-168.42E-6	-0.053258	1.0880E-6
	15.88900	2.45100	43.70000	-3.7113	43.650	-166.46E-6	-0.052889	1.0805E-6
	15.88900	2.35100	43.70000	-3.6896	43.650	-164.51E-6	-0.052522	1.0730E-6
	15.88900	2.25100	43.70000	-3.6683	43.650	-162.57E-6	-0.052156	1.0656E-6
	15.88900	2.15100	43.70000	-3.6473	43.650	-160.66E-6	-0.051792	1.0582E-6
	15.88900	2.05100	43.70000	-3.6265	43.650	-158.76E-6	-0.051430	1.0508E-6
	15.88900	1.95100	43.70000	-3.6059	43.650	-156.89E-6	-0.051069	1.0435E-6
	15.88900	1.85100	43.70000	-3.5855	43.650	-155.03E-6	-0.050710	1.0362E-6
	15.88900	1.75100	43.70000	-3.5652	43.650	-153.19E-6	-0.050353	1.0290E-6
	15.88900	1.65100	43.70000	-3.5451	43.650	-151.36E-6	-0.049997	1.0218E-6
	15.88900	1.55100	43.70000	-3.5250	43.650	-149.56E-6	-0.049644	1.0146E-6
	15.88900	1.45100	43.70000	-3.5050	43.650	-147.77E-6	-0.049292	1.0074E-6
	15.88900	1.35100	43.70000	-3.4851	43.650	-146.00E-6	-0.048942	1.0003E-6
	15.88900	1.25100	43.70000	-3.4653	43.650	-144.25E-6	-0.048594	0.0
	15.88900	1.15100	43.70000	-3.4455	43.650	-142.52E-6	-0.048247	0.0
	15.88900	1.05100	43.70000	-3.4260	43.650	-140.80E-6	-0.047903	0.0
	15.88900	0.95100	43.70000	-3.4065	43.650	-139.11E-6	-0.047560	0.0
	15.88900	0.85100	43.70000	-3.3872	43.650	-137.43E-6	-0.047220	0.0
	15.88900	0.75100	43.70000	-3.3680	43.650	-135.77E-6	-0.046881	0.0
	15.88900	0.65100	43.70000	-3.3490	43.650	-134.12E-6	-0.046544	0.0
	15.88900	0.55100	43.70000	-3.3300	43.650	-132.49E-6	-0.046209	0.0
	15.88900	0.45100	43.70000	-3.3111	43.650	-130.89E-6	-0.045876	0.0
	15.88900	0.35100	43.70000	-3.2923	43.650	-129.29E-6	-0.045544	0.0
	15.88900	0.25100	43.70000	-3.2735	43.650	-127.72E-6	-0.045215	0.0
	15.88900	0.15100	43.70000	-3.2547	43.650	-126.16E-6	-0.044888	0.0
	15.88900	0.05100	43.70000	-3.2360	43.650	-124.62E-6	-0.044562	0.0
	15.88900	-0.04900	43.70000	-3.2174	43.650	-123.10E-6	-0.044239	0.0
	15.88900	-0.14900	43.70000	-3.1987	43.650	-121.59E-6	-0.043917	0.0
	15.88900	-0.24900	43.70000	-3.1800	43.650	-120.10E-6	-0.043598	0.0
	15.88900	-0.34900	43.70000	-3.1614	43.650	-118.63E-6	-0.043280	0.0
	15.88900	-0.44900	43.70000	-3.1427	43.650	-117.17E-6	-0.042964	0.0
	15.88900	-0.54900	43.70000	-3.1241	43.650	-115.73E-6	-0.042651	0.0
	15.88900	-0.64900	43.70000	-3.1055	43.650	-114.31E-6	-0.042339	0.0
	15.88900	-0.74900	43.70000	-3.0870	43.650	-112.90E-6	-0.042029	0.0
	15.88900	-0.84900	43.70000	-3.0686	43.650	-111.51E-6	-0.041722	0.0
	15.88900	-0.94900	43.70000	-3.0504	43.650	-110.14E-6	-0.041416	0.0
	15.88900	-1.04900	43.70000	-3.0323	43.650	-108.78E-6	-0.041112	0.0

Name	Location			Displacement	Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	15.88900	-1.14900	43.70000	-3.0145	43.650	-107.43E-6	-0.040810	0.0
	15.88900	-1.24900	43.70000	-2.9968	43.650	-106.11E-6	-0.040511	0.0
	15.88900	-1.34900	43.70000	-2.9793	43.650	-104.79E-6	-0.040213	0.0
	15.88900	-1.44900	43.70000	-2.9620	43.650	-103.50E-6	-0.039917	0.0
	15.88900	-1.54900	43.70000	-2.9450	43.650	-102.22E-6	-0.039623	0.0
	15.88900	-1.64900	43.70000	-2.9282	43.650	-100.95E-6	-0.039331	0.0
	15.88900	-1.74900	43.70000	-2.9117	43.650	-99.698E-6	-0.039041	0.0
	15.88900	-1.84900	43.70000	-2.8955	43.650	-98.461E-6	-0.038753	0.0
	15.88900	-1.94900	43.70000	-2.8796	43.650	-97.239E-6	-0.038467	0.0
	15.88900	-2.04900	43.70000	-2.8640	43.650	-96.032E-6	-0.038183	0.0
	15.88900	-2.14900	43.70000	-2.8486	43.650	-94.840E-6	-0.037901	0.0
	15.88900	-2.24900	43.70000	-2.8335	43.650	-93.661E-6	-0.037621	0.0
	15.88900	-2.34900	43.70000	-2.8183	43.650	-92.497E-6	-0.037343	0.0
	15.88900	-2.44900	43.70000	-2.8028	43.650	-91.347E-6	-0.037067	0.0
	15.88900	-2.54900	43.70000	-2.7866	43.650	-90.211E-6	-0.036793	0.0
	15.88900	-2.64900	43.70000	-2.7689	43.650	-89.089E-6	-0.036520	0.0
	15.88900	-2.74900	43.70000	-2.7486	43.650	-87.981E-6	-0.036250	0.0
	15.88900	-2.84900	43.70000	-2.7240	43.650	-86.886E-6	-0.035982	0.0
	15.88900	-2.94900	43.70000	-2.6925	43.650	-85.805E-6	-0.035715	0.0
	15.88900	-3.04900	43.70000	-2.6507	43.650	-84.736E-6	-0.035451	0.0
	15.88900	-3.14900	43.70000	-2.5934	43.650	-83.682E-6	-0.035188	0.0
	15.88900	-3.24900	43.70000	-2.5143	43.650	-82.640E-6	-0.034927	0.0
	15.88900	-3.34900	43.70000	-2.4060	43.650	-81.611E-6	-0.034668	0.0
	15.88900	-3.44900	43.70000	-2.2610	43.650	-80.594E-6	-0.034411	0.0
	15.88900	-3.54900	43.70000	-2.0745	43.650	-79.591E-6	-0.034156	0.0
	15.88900	-3.64900	43.70000	-1.8476	43.650	-78.600E-6	-0.033903	0.0
	15.88900	-3.74900	43.70000	-1.5900	43.650	-77.621E-6	-0.033652	0.0
	15.88900	-3.84900	43.70000	-1.3199	43.650	-76.655E-6	-0.033402	0.0
	15.88900	-3.94900	43.70000	-1.0596	43.650	-75.700E-6	-0.033155	0.0
	15.88900	-4.04900	43.70000	-0.82820	43.650	-74.758E-6	-0.032909	0.0
	15.88900	-4.14900	43.70000	-0.63673	43.650	-73.828E-6	-0.032665	0.0
	15.88900	-4.24900	43.70000	-0.48740	43.650	-72.909E-6	-0.032423	0.0
	15.88900	-4.34900	43.70000	-0.37595	43.650	-72.002E-6	-0.032183	0.0
	15.88900	-4.44900	43.70000	-0.29519	43.650	-71.106E-6	-0.031944	0.0
	15.88900	-4.54900	43.70000	-0.23752	43.650	-70.222E-6	-0.031707	0.0
	15.88900	-4.64900	43.70000	-0.19637	43.650	-69.349E-6	-0.031473	0.0
	15.88900	-4.74900	43.70000	-0.16658	43.650	-68.487E-6	-0.031239	0.0
	15.88900	-4.84900	43.70000	-0.14439	43.650	-67.635E-6	-0.031008	0.0
	15.88900	-4.94900	43.70000	-0.12714	43.650	-66.795E-6	-0.030779	0.0
	15.88900	-5.04900	43.70000	-0.11304	43.650	-65.966E-6	-0.030551	0.0
	15.88900	-5.14900	43.70000	-0.10087	43.650	-65.147E-6	-0.030325	0.0
	15.88900	-5.24900	43.70000	-0.089853	43.650	-64.338E-6	-0.030101	0.0
	15.88900	-5.34900	43.70000	-0.079504	43.650	-63.540E-6	-0.029878	0.0
	15.88900	-5.44900	43.70000	-0.069512	43.650	-62.752E-6	-0.029657	0.0
	15.88900	-5.54900	43.70000	-0.059700	43.650	-61.974E-6	-0.029438	0.0
	15.88900	-5.64900	43.70000	-0.049971	43.650	-61.206E-6	-0.029221	0.0
	15.88900	-5.74900	43.70000	-0.040283	43.650	-60.448E-6	-0.029005	0.0
	15.88900	-5.84900	43.70000	-0.030623	43.650	-59.700E-6	-0.028791	0.0
	15.88900	-5.94900	43.70000	-0.021001	43.650	-58.962E-6	-0.028579	0.0
	15.88900	-6.04900	43.70000	-0.011433	43.650	-58.233E-6	-0.028368	0.0
	15.88900	-6.14900	43.70000	-0.0019450	43.650	-57.513E-6	-0.028159	0.0
	15.88900	-6.24900	43.70000	0.0074384	43.650	-56.802E-6	-0.027952	0.0
	15.88900	-6.34900	43.70000	0.016693	43.650	-56.101E-6	-0.027746	0.0
	15.88900	-6.44900	43.70000	0.025795	43.650	-55.409E-6	-0.027542	0.0
	15.88900	-6.54900	43.70000	0.034725	43.650	-54.726E-6	-0.027339	0.0
	15.88900	-6.64900	43.70000	0.043466	43.650	-54.051E-6	-0.027138	0.0
	15.88900	-6.74900	43.70000	0.052004	43.650	-53.386E-6	-0.026939	0.0
	15.88900	-6.84900	43.70000	0.060327	43.650	-52.729E-6	-0.026741	0.0
	15.88900	-6.94900	43.70000	0.068428	43.650	-52.080E-6	-0.026545	0.0
	15.88900	-7.04900	43.70000	0.076299	43.650	-51.440E-6	-0.026350	0.0
	15.88900	-7.14900	43.70000	0.083938	43.650	-50.808E-6	-0.026157	0.0
	15.88900	-7.24900	43.70000	0.091341	43.650	-50.185E-6	-0.025966	0.0
	15.88900	-7.34900	43.70000	0.098508	43.650	-49.569E-6	-0.025776	0.0
	15.88900	-7.44900	43.70000	0.10544	43.650	-48.962E-6	-0.025587	0.0
	15.88900	-7.54900	43.70000	0.11214	43.650	-48.362E-6	-0.025400	0.0
	15.88900	-7.64900	43.70000	0.11861	43.650	-47.770E-6	-0.025215	0.0
	15.88900	-7.74900	43.70000	0.12486	43.650	-47.186E-6	-0.025031	0.0
	15.88900	-7.84900	43.70000	0.13088	43.650	-46.610E-6	-0.024848	0.0
	15.88900	-7.94900	43.70000	0.13668	43.650	-46.040E-6	-0.024667	0.0
	15.88900	-8.04900	43.70000	0.14228	43.650	-45.479E-6	-0.024488	0.0
	15.88900	-8.14900	43.70000	0.14767	43.650	-44.925E-6	-0.024310	0.0
	15.88900	-8.24900	43.70000	0.15285	43.650	-44.377E-6	-0.024133	0.0
	15.88900	-8.34900	43.70000	0.15785	43.650	-43.837E-6	-0.023958	0.0
	15.88900	-8.44900	43.70000	0.16265	43.650	-43.304E-6	-0.023784	0.0
	15.88900	-8.54900	43.70000	0.16727	43.650	-42.778E-6	-0.023611	0.0
	15.88900	-8.64900	43.70000	0.17172	43.650	-42.259E-6	-0.023440	0.0
	15.88900	-8.74900	43.70000	0.17599	43.650	-41.747E-6	-0.023271	0.0
	15.88900	-8.84900	43.70000	0.18010	43.650	-41.241E-6	-0.023102	0.0
	15.88900	-8.94900	43.70000	0.18404	43.650	-40.742E-6	-0.022935	0.0
	15.88900	-9.04900	43.70000	0.18783	43.650	-40.249E-6	-0.022770	0.0
	15.88900	-9.14900	43.70000	0.19148	43.650	-39.763E-6	-0.022606	0.0
	15.88900	-9.24900	43.70000	0.19497	43.650	-39.283E-6	-0.022443	0.0
	15.88900	-9.34900	43.70000	0.19833	43.650	-38.809E-6	-0.022281	0.0
	15.88900	-9.44900	43.70000	0.20155	43.650	-38.342E-6	-0.022121	0.0
	15.88900	-9.54900	43.70000	0.20465	43.650	-37.880E-6	-0.021962	0.0
	15.88900	-9.64900	43.70000	0.20761	43.650	-37.425E-6	-0.021804	0.0
	15.88900	-9.74900	43.70000	0.21046	43.650	-36.976E-6	-0.021648	0.0
	15.88900	-9.84900	43.70000	0.21319	43.650	-36.532E-6	-0.021493	0.0
	15.88900	-9.94900	43.70000	0.21580	43.650	-36.094E-6	-0.021339	0.0
	15.88900	-10.04900	43.70000	0.21831	43.650	-35.662E-6	-0.021186	0.0
	15.88900	-10.14900	43.70000	0.22071	43.650	-35.235E-6	-0.021035	0.0
	15.88900	-10.24900	43.70000	0.22301	43.650	-34.814E-6	-0.020885	0.0
	15.88900	-10.34900	43.70000	0.22521	43.650	-34.399E-6	-0.020736	0.0
	15.88900	-10.44900	43.70000	0.22731	43.650	-33.989E-6	-0.020588	0.0
	15.88900	-10.54900	43.70000	0.22932	43.650	-33.584E-6	-0.020442	0.0
	15.88900	-10.64900	43.70000	0.23124	43.650	-33.184E-6	-0.020296	0.0
	15.88900	-10.74900	43.70000	0.23308	43.650	-32.790E-6	-0.020152	0.0
	15.88900	-10.84900	43.70000	0.23483	43.650	-32.401E-6	-0.020009	0.0
	15.88900	-10.94900	43.70000	0.23650	43.650	-32.016E-6	-0.019867	0.0
	15.88900	-11.04900	43.70000	0.23809	43.650	-31.637E-6	-0.019727	0.0
	15.88900	-11.14900	43.70000	0.23961	43.650	-31.263E-6	-0.019587	0.0
	15.88900	-11.24900	43.70000	0.24105	43.650	-30.893E-6	-0.019449	0.0
	15.88900	-11.34900	43.70000	0.24242	43.650	-30.529E-6	-0.019312	0.0
	15.88900	-11.44900	43.70000	0.24372	43.650	-30.169E-6	-0.019176	0.0
	15.88900	-11.54900	43.70000	0.24496	43.650	-29.813E-6	-0.019041	0.0
	15.88900	-11.64900	43.70000	0.24613	43.650	-29.463E-6	-0.018907	0.0
	15.88900	-11.74900	43.70000	0.24724	43.650	-29.116E-6	-0.018774	0.0

Analysis Options

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: 15.00 [m OD]
Stiffness for horizontal displacement calculations: Weighted average
Using legacy heave correction factor: No
Displacements at load centroids: Yes

Soil ProfilesSoil Profile 1

Layer	Level at top [mOD]	Number of intermediate displacement levels	Youngs Modulus Top [kN/m²]	Youngs Modulus Btm [kN/m²]	Poissons ratio	Non-linear curve
1	46.100	5	15000.	15000.	0.20000	None
2	44.500	5	18000.	18000.	0.20000	None
3	43.500	5	18000.	146250.	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	1	-10.00000	40.00000	-15.00000	55.00000	Soil Profile 1

Non-linear Curve Coordinates - Non-linear Curve 1

Point	Strain [%]	Factor

Load Data

Load ref.	Name	Shape	Orientation of Plane	Load position: Centre of load (Global) X [m]	Y [m]	Z (level) [m]	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	Extension Excavation	Polygonal	Horizontal	N/A	N/A	39.77000	N/A	N/A	N/A	(0,18.4) (25.9,18.4) (25.9,16.2) (26.4,16.2) (26.4,9.44) (25.9,9.44) (25.9,6.82) (17.6,6.83) (17.6,8.25) (14.2,8.25) (14.2,8.5) (9.97,8.5) (9.97,8.25) (6.42,8.25) (6.42,6.83) (0,6.83)	10.000	6	-123.40	N/A	N/A
2	Barrie House Excavation	Polygonal	Horizontal	N/A	N/A	42.70000	N/A	N/A	N/A	(6.45,5.13) (8.28,5.13) (8.28,4.89) (16.2,4.88) (16.2,-3.81) (13.5,-3.81) (13.5,-0.607) (13.6,-0.607) (13.6,1.29) (7.09,1.29) (7.09,0.22) (6.44,0.22) (6.44,5.13)	10.000	5	-46.080	N/A	N/A
3	Porters Lodge Demolition	Polygonal	Horizontal	N/A	N/A	45.00000	N/A	N/A	N/A	(-1.06,19.1) (-1.06,13.4) (-8.06,13.4) (-8.06,19.1)	10.000	1	-30.000	N/A	N/A
4	1	Polygonal	Horizontal	N/A	N/A	39.77000	N/A	N/A	N/A	(0.2,18.1) (3.64,18.1) (3.64,14.7) (0.2,14.7)	10.000	1	86.412	N/A	N/A
5	2	Polygonal	Horizontal	N/A	N/A	39.77000	N/A	N/A	N/A	(10.9,18.1) (10.9,14.7) (3.64,14.7) (3.64,18.1)	10.000	1	71.457	N/A	N/A
6	3	Polygonal	Horizontal	N/A	N/A	39.77000	N/A	N/A	N/A	(0.2,14.7) (3.64,14.7) (3.64,7.03) (0.2,7.03)	10.000	1	55.763	N/A	N/A
7	4	Polygonal	Horizontal	N/A	N/A	39.77000	N/A	N/A	N/A	(3.64,7.03) (3.64,14.7) (10.9,14.7) (10.9,18.1) (13.7,18.1) (13.7,14.7) (17.8,14.7) (17.8,10.9) (18.6,10.9) (18.6,7.03) (18,7.03) (18,8.45) (14.4,8.45) (14.4,8.7) (9.77,8.7) (9.77,8.45) (6.22,8.45) (6.22,7.03)	10.000	7	76.974	N/A	N/A
8	5	Polygonal	Horizontal	N/A	N/A	39.77000	N/A	N/A	N/A	(13.7,14.7) (13.7,18.1) (25.6,18.1) (25.6,15.9) (26.1,15.9) (26.1,14.7)	10.000	2	70.610	N/A	N/A
9	6	Polygonal	Horizontal	N/A	N/A	39.77000	N/A	N/A	N/A	(17.8,14.7) (26.1,14.7) (26.1,10.9) (17.8,10.9)	10.000	1	32.130	N/A	N/A
10	7	Polygonal	Horizontal	N/A	N/A	39.77000	N/A	N/A	N/A	(18.6,10.9) (26.1,10.9) (26.1,9.74) (25.6,9.74) (25.6,7.02) (18.6,7.03)	10.000	2	61.784	N/A	N/A
11	Wall Top Half	Polygonal	Horizontal	N/A	N/A	39.82000	N/A	N/A	N/A	(0,18.4) (25.9,18.4) (25.9,16.2) (26.4,16.2) (26.4,9.44) (26.1,9.74) (26.1,15.9) (25.6,15.9) (25.6,18.1) (0,18.1)	10.000	7	136.63	N/A	N/A
12	Wall Bottom Half	Polygonal	Horizontal	N/A	N/A	39.82000	N/A	N/A	N/A	(0,18.4) (0.2,18.1) (0.2,7.03) (6.22,7.03) (6.22,8.45) (9.77,8.45) (9.77,8.7) (14.4,8.7) (14.4,8.45) (18,8.45) (18,7.03) (25.6,7.02) (25.6,9.74) (26.1,9.74) (26.4,9.44) (25.9,9.44) (25.9,6.82) (17.6,6.83) (17.6,8.25) (14.2,8.25) (14.2,8.5) (9.97,8.5) (9.97,8.25) (6.42,8.25) (6.42,6.83) (0,6.83)	10.000	14	136.63	N/A	N/A
13	Slab	Polygonal	Horizontal	N/A	N/A	39.82000	N/A	N/A	N/A	(0.2,18.1) (25.6,18.1) (25.6,15.9) (26.1,15.9) (26.1,9.74) (25.6,9.74) (25.6,7.02) (18,7.03) (18,8.45) (14.4,8.45) (14.4,8.7) (9.77,8.7) (9.77,8.45) (6.22,8.45) (6.22,7.03) (0.2,7.03)	10.000	6	29.500	N/A	N/A
14	Underpin	Polygonal	Horizontal	N/A	N/A	39.22000	N/A	N/A	N/A	(25.9,8.2) (25.9,6) (17.6,6) (17.6,8.2)	10.000	1	45.000	N/A	N/A
15	8	Polygonal	Horizontal	N/A	N/A	42.70000	N/A	N/A	N/A	(6.45,5.13) (8.28,5.13) (8.28,4.89) (16.2,4.88) (16.2,-3.81) (13.5,-3.81) (13.5,-0.607) (13.6,-0.607) (13.6,1.29) (7.09,1.29) (7.09,0.22) (6.44,0.22) (6.44,5.13)	10.000	5	7.5000	N/A	N/A

Polygonal Loads' Rectangles

No.	Centre of load X [m]	Centre of load Y [m]	Angle of local x from global X [Degrees]	Width x [m]	Depth y [m]
Load 1 : Extension Excavation					
(Edge 2 optimal)					
1	3.20850	12.59050	0.0	6.4170	11.519
2	8.19550	13.30050	0.0	3.5570	10.099
3	12.07450	13.42350	0.0	4.2010	9.8530
4	15.88900	13.30050	0.0	3.4280	10.099
5	21.73300	12.58825	0.0	8.2600	11.524
6	26.15350	12.84050	0.0	0.56700	6.8010
Load 2 : Barrie House Excavation					
(Edge 2 optimal)					
1	7.35875	5.00900	-90.000	0.23800	1.8455
2	11.31698	3.08900	-90.000	3.5920	9.7620
3	6.76100	0.75650	-90.000	1.0730	0.65000

No.	Centre of load X	Y	Angle of local x from global X	Width x	Depth y
4	14.87619	0.34300	-90.000	1.9000	2.6404
5	14.84096	-2.20650	-90.000	3.1990	2.7079
Load 3 : Porters Lodge Demolition					
(Edge 2 optimal)					
1	-4.56400	16.25700	-90.000	5.7500	7.0000
Load 4 : 1					
(Edge 2 optimal)					
1	1.92150	16.44450	0.0	3.4430	3.4110
Load 5 : 2					
(Edge 2 optimal)					
1	7.25700	16.42200	-90.000	3.4560	7.2280
Load 6 : 3					
(Edge 2 optimal)					
1	1.92150	10.88500	0.0	3.4430	7.7080
Load 7 : 4					
(Edge 2 optimal)					
1	4.93200	7.74100	90.000	1.4200	2.5780
2	6.70850	8.57400	90.000	0.24600	6.1310
3	18.26169	7.74000	90.000	1.4220	0.61737
4	16.47315	8.57400	90.000	0.24600	4.1953
5	11.10722	9.78350	90.000	2.1730	14.928
6	10.69876	12.78200	90.000	3.8240	14.112
7	12.27050	16.43750	90.000	3.4250	2.7990
Load 8 : 5					
(Edge 2 optimal)					
1	19.90250	15.33550	90.000	1.2110	12.469
2	19.61900	17.04550	90.000	2.2090	11.902
Load 9 : 6					
(Edge 2 optimal)					
1	21.94450	12.80000	0.0	8.3850	3.8600
Load 10 : 7					
(Edge 2 optimal)					
1	22.06760	8.94800	-0.032792	6.9890	3.8440
2	25.85000	10.30500	-0.032792	0.57335	1.1300
Load 11 : Wall Top Half					
(Edge 10 optimal)					
1	12.88500	18.25000	0.0	25.370	0.20000
2	25.72000	17.14550	0.0	0.30000	2.4090
3	26.00350	16.09100	0.0	0.26700	0.30000
4	26.28700	12.91550	0.0	0.30000	6.6510
5	0.03333	18.33333	0.0	0.066667	0.033333
6	0.10000	18.30000	0.0	0.066667	0.10000
7	0.16667	18.26667	0.0	0.066667	0.16667
Load 12 : Wall Bottom Half					
(Edge 19 optimal)					
1	3.20850	6.93108	89.956	0.19525	6.4170
2	6.31900	7.64100	89.956	1.2201	0.19600
3	8.09750	8.35100	89.956	0.19713	3.7530
4	21.73204	6.92663	89.956	0.19895	8.2581
5	25.71154	8.23200	89.956	2.4162	0.30108
6	25.96156	9.51520	89.956	0.14967	0.80111
7	25.88667	9.66492	89.956	0.14967	0.65133
8	17.77771	7.64000	89.956	1.2217	0.34943
9	16.06396	8.35094	89.956	0.19753	3.7779
10	12.07500	8.59692	89.956	0.19664	4.6020
11	0.10000	12.59058	89.956	11.119	0.20000
12	0.08333	18.18340	89.956	0.066616	0.16667
13	0.05000	18.25004	89.956	0.066616	0.10000
14	0.01667	18.31668	89.956	0.066616	0.033333
Load 13 : Slab					
(Edge 2 optimal)					
1	3.21050	12.59050	0.0	6.0210	11.119
2	7.99750	13.30050	0.0	3.5530	9.6990
3	12.07500	13.42350	0.0	4.6020	9.4530
4	16.16450	13.30050	0.0	3.5770	9.6990
5	21.75700	12.58825	0.0	7.6080	11.123
6	25.85350	12.84075	0.0	0.56700	6.2005
Load 14 : Underpin					
(Edge 2 optimal)					
1	21.73200	7.10150	-90.000	2.1950	8.2580
Load 15 : 8					
(Edge 2 optimal)					
1	7.35875	5.00900	-90.000	0.23800	1.8455
2	11.31698	3.08900	-90.000	3.5920	9.7620
3	6.76100	0.75650	-90.000	1.0730	0.65000
4	14.87619	0.34300	-90.000	1.9000	2.6404
5	14.84096	-2.20650	-90.000	3.1990	2.7079

Displacement Data

Ref.	Type	Name	Direction of Extrusion	Line/Line for extrusion First point X [m]	Y [m]	Z(level) [m]	Second point X [m]	Y [m]	Z(level) [m]	No. of intrvls across extrusion/line	Extrusion Depth [m]	No. of intrvls along extrusion	Calculate	Show Detailed results
1	Line	72 Kingsland	N/A	21.37000	18.35000	45.10000	21.37000	48.35000	45.10000	300	N/A	N/A	Yes	Yes
2	Line	16 Kingsland	N/A	0.00000	18.35000	45.10000	0.00000	48.35000	45.10000	300	N/A	N/A	Yes	Yes
3	Line	Pad A	N/A	8.19500	8.25100	43.70000	8.19500	-6.74900	43.70000	150	N/A	N/A	Yes	Yes
4	Line	Pad B	N/A	12.07500	8.49700	43.70000	12.07500	-6.50300	43.70000	150	N/A	N/A	Yes	Yes
5	Line	Pad C	N/A	15.88900	8.25100	43.70000	15.88900	-11.74900	43.70000	200	N/A	N/A	Yes	Yes
6	Grid	Grid 2	Global X	-30.00000	-30.00000	46.10000	N/A	70.00000	46.10000	90	90.00000	100	No	N/A
7	Grid	Grid 2	Global X	-30.00000	-30.00000	39.77000	N/A	70.00000	39.77000	90	90.00000	100	No	N/A

Warnings

(1)One or more displacement grids or lines have numbers of intervals of at least 100. Large numbers of intervals will slow the analysis.

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Horizontal rigid boundary level: 15.00 [m OD]

The maximum displacement difference between the Boussinesq method (-6.9296mm) and the Mindlin method (-4.8962mm) occurs at point X = 8.19500m, Y = 3.95100m, level = 43.700mOD, and is 2.0333mm.

Name	Location X [m]	Y [m]	Z[Level] [mOD]	Displacement Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
Extension Excavation	13.16898	12.89018	39.77000	-3.7755	37.548	-17.892	-35.819	-324.94E-6
Barrie House Excavation	12.18661	1.87954	42.70000	-5.4392	39.990	-23.381	-31.606	-673.45E-6
Porters Lodge Demolition	-4.56400	16.25700	45.00000	-6.7235	44.875	-29.999	-69.423	-0.0014742
1	1.92150	16.44450	39.77000	-2.5649	37.548	-12.158	-23.077	-226.55E-6
2	7.25700	16.42200	39.77000	-3.5104	37.548	-18.945	-32.130	-370.40E-6
3	1.92150	10.88500	39.77000	-4.8181	37.548	-30.738	-44.129	-637.29E-6
4	10.84029	11.85863	39.77000	-3.6497	37.548	-17.374	-33.982	-319.17E-6
5	19.72099	16.42040	39.77000	-4.3658	37.548	-23.847	-43.227	-453.59E-6
6	21.94450	12.80000	39.77000	-7.6012	37.548	-51.753	-74.270	-0.0010731
7	22.15690	8.98008	39.77000	-3.7709	37.548	-21.063	-32.499	-426.44E-6
Wall Top Half	17.54978	16.77821	39.82000	-3.9112	37.590	-20.267	-37.228	-385.00E-6
Wall Bottom Half	11.17879	8.93432	39.82000	-2.9956	37.590	-12.446	-26.209	-221.17E-6
Slab	13.10849	12.91205	39.82000	-3.7891	37.590	-17.874	-35.930	-325.39E-6
Underpin	21.73200	7.10150	39.22000	-0.28954	37.086	8.2884	-1.8428	223.25E-6
8	12.18661	1.87954	42.70000	-5.4392	39.990	-23.381	-31.606	-673.45E-6
72 Kingsland	21.37000	18.35000	45.10000	-2.4835	44.950	0.0	-0.0013493	0.0
	21.37000	18.45000	45.10000	-2.3408	44.950	0.0	-0.0013479	0.0
	21.37000	18.55000	45.10000	-2.2073	44.950	0.0	-0.0013466	0.0
	21.37000	18.65000	45.10000	-2.0848	44.950	0.0	-0.0013451	0.0
	21.37000	18.75000	45.10000	-1.9744	44.950	0.0	-0.0013436	0.0
	21.37000	18.85000	45.10000	-1.8761	44.950	0.0	-0.0013421	0.0
	21.37000	18.95000	45.10000	-1.7893	44.950	0.0	-0.0013405	0.0

Name	Location			Displacement	Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	21.37000	19.05000	45.10000	-1.7128	44.950	0.0	-0.0013388	0.0
	21.37000	19.15000	45.10000	-1.6452	44.950	0.0	-0.0013371	0.0
	21.37000	19.25000	45.10000	-1.5853	44.950	0.0	-0.0013353	0.0
	21.37000	19.35000	45.10000	-1.5315	44.950	0.0	-0.0013335	0.0
	21.37000	19.45000	45.10000	-1.4829	44.950	0.0	-0.0013316	0.0
	21.37000	19.55000	45.10000	-1.4383	44.950	0.0	-0.0013296	0.0
	21.37000	19.65000	45.10000	-1.3972	44.950	0.0	-0.0013276	0.0
	21.37000	19.75000	45.10000	-1.3588	44.950	0.0	-0.0013256	0.0
	21.37000	19.85000	45.10000	-1.3227	44.950	0.0	-0.0013234	0.0
	21.37000	19.95000	45.10000	-1.2885	44.950	0.0	-0.0013213	0.0
	21.37000	20.05000	45.10000	-1.2558	44.950	0.0	-0.0013191	0.0
	21.37000	20.15000	45.10000	-1.2246	44.950	0.0	-0.0013168	0.0
	21.37000	20.25000	45.10000	-1.1946	44.950	0.0	-0.0013145	0.0
	21.37000	20.35000	45.10000	-1.1656	44.950	0.0	-0.0013121	0.0
	21.37000	20.45000	45.10000	-1.1377	44.950	0.0	-0.0013097	0.0
	21.37000	20.55000	45.10000	-1.1106	44.950	0.0	-0.0013072	0.0
	21.37000	20.65000	45.10000	-1.0844	44.950	0.0	-0.0013047	0.0
	21.37000	20.75000	45.10000	-1.0589	44.950	0.0	-0.0013021	0.0
	21.37000	20.85000	45.10000	-1.0342	44.950	0.0	-0.0012994	0.0
	21.37000	20.95000	45.10000	-1.0102	44.950	0.0	-0.0012968	0.0
	21.37000	21.05000	45.10000	-0.98688	44.950	0.0	-0.0012940	0.0
	21.37000	21.15000	45.10000	-0.96419	44.950	0.0	-0.0012913	0.0
	21.37000	21.25000	45.10000	-0.94212	44.950	0.0	-0.0012885	0.0
	21.37000	21.35000	45.10000	-0.92065	44.950	0.0	-0.0012856	0.0
	21.37000	21.45000	45.10000	-0.89976	44.950	0.0	-0.0012827	0.0
	21.37000	21.55000	45.10000	-0.87943	44.950	0.0	-0.0012797	0.0
	21.37000	21.65000	45.10000	-0.85964	44.950	0.0	-0.0012767	0.0
	21.37000	21.75000	45.10000	-0.84038	44.950	0.0	-0.0012737	0.0
	21.37000	21.85000	45.10000	-0.82163	44.950	0.0	-0.0012706	0.0
	21.37000	21.95000	45.10000	-0.80337	44.950	0.0	-0.0012675	0.0
	21.37000	22.05000	45.10000	-0.78560	44.950	0.0	-0.0012643	0.0
	21.37000	22.15000	45.10000	-0.76829	44.950	0.0	-0.0012611	0.0
	21.37000	22.25000	45.10000	-0.75143	44.950	0.0	-0.0012578	0.0
	21.37000	22.35000	45.10000	-0.73501	44.950	0.0	-0.0012545	0.0
	21.37000	22.45000	45.10000	-0.71902	44.950	0.0	-0.0012512	0.0
	21.37000	22.55000	45.10000	-0.70344	44.950	0.0	-0.0012478	0.0
	21.37000	22.65000	45.10000	-0.68826	44.950	0.0	-0.0012444	0.0
	21.37000	22.75000	45.10000	-0.67347	44.950	0.0	-0.0012409	0.0
	21.37000	22.85000	45.10000	-0.65906	44.950	0.0	-0.0012374	0.0
	21.37000	22.95000	45.10000	-0.64502	44.950	0.0	-0.0012339	0.0
	21.37000	23.05000	45.10000	-0.63133	44.950	0.0	-0.0012304	0.0
	21.37000	23.15000	45.10000	-0.61798	44.950	0.0	-0.0012268	0.0
	21.37000	23.25000	45.10000	-0.60497	44.950	0.0	-0.0012231	0.0
	21.37000	23.35000	45.10000	-0.59228	44.950	0.0	-0.0012195	0.0
	21.37000	23.45000	45.10000	-0.57991	44.950	0.0	-0.0012158	0.0
	21.37000	23.55000	45.10000	-0.56784	44.950	0.0	-0.0012120	0.0
	21.37000	23.65000	45.10000	-0.55607	44.950	0.0	-0.0012083	0.0
	21.37000	23.75000	45.10000	-0.54459	44.950	0.0	-0.0012045	0.0
	21.37000	23.85000	45.10000	-0.53338	44.950	0.0	-0.0012006	0.0
	21.37000	23.95000	45.10000	-0.52245	44.950	0.0	-0.0011968	0.0
	21.37000	24.05000	45.10000	-0.51178	44.950	0.0	-0.0011929	0.0
	21.37000	24.15000	45.10000	-0.50136	44.950	0.0	-0.0011890	0.0
	21.37000	24.25000	45.10000	-0.49119	44.950	0.0	-0.0011850	0.0
	21.37000	24.35000	45.10000	-0.48126	44.950	0.0	-0.0011811	0.0
	21.37000	24.45000	45.10000	-0.47156	44.950	0.0	-0.0011771	0.0
	21.37000	24.55000	45.10000	-0.46209	44.950	0.0	-0.0011731	0.0
	21.37000	24.65000	45.10000	-0.45284	44.950	0.0	-0.0011690	0.0
	21.37000	24.75000	45.10000	-0.44380	44.950	0.0	-0.0011649	0.0
	21.37000	24.85000	45.10000	-0.43497	44.950	0.0	-0.0011608	0.0
	21.37000	24.95000	45.10000	-0.42634	44.950	0.0	-0.0011567	0.0
	21.37000	25.05000	45.10000	-0.41791	44.950	0.0	-0.0011526	0.0
	21.37000	25.15000	45.10000	-0.40967	44.950	0.0	-0.0011484	0.0
	21.37000	25.25000	45.10000	-0.40161	44.950	0.0	-0.0011442	0.0
	21.37000	25.35000	45.10000	-0.39374	44.950	0.0	-0.0011400	0.0
	21.37000	25.45000	45.10000	-0.38603	44.950	0.0	-0.0011358	0.0
	21.37000	25.55000	45.10000	-0.37850	44.950	0.0	-0.0011315	0.0
	21.37000	25.65000	45.10000	-0.37114	44.950	0.0	-0.0011273	0.0
	21.37000	25.75000	45.10000	-0.36393	44.950	0.0	-0.0011230	0.0
	21.37000	25.85000	45.10000	-0.35689	44.950	0.0	-0.0011187	0.0
	21.37000	25.95000	45.10000	-0.34999	44.950	0.0	-0.0011144	0.0
	21.37000	26.05000	45.10000	-0.34324	44.950	0.0	-0.0011100	0.0
	21.37000	26.15000	45.10000	-0.33664	44.950	0.0	-0.0011057	0.0
	21.37000	26.25000	45.10000	-0.33018	44.950	0.0	-0.0011013	0.0
	21.37000	26.35000	45.10000	-0.32386	44.950	0.0	-0.0010969	0.0
	21.37000	26.45000	45.10000	-0.31767	44.950	0.0	-0.0010925	0.0
	21.37000	26.55000	45.10000	-0.31161	44.950	0.0	-0.0010881	0.0
	21.37000	26.65000	45.10000	-0.30568	44.950	0.0	-0.0010837	0.0
	21.37000	26.75000	45.10000	-0.29988	44.950	0.0	-0.0010793	0.0
	21.37000	26.85000	45.10000	-0.29419	44.950	0.0	-0.0010748	0.0
	21.37000	26.95000	45.10000	-0.28862	44.950	0.0	-0.0010704	0.0
	21.37000	27.05000	45.10000	-0.28317	44.950	0.0	-0.0010659	0.0
	21.37000	27.15000	45.10000	-0.27783	44.950	0.0	-0.0010614	0.0
	21.37000	27.25000	45.10000	-0.27259	44.950	0.0	-0.0010569	0.0
	21.37000	27.35000	45.10000	-0.26747	44.950	0.0	-0.0010524	0.0
	21.37000	27.45000	45.10000	-0.26245	44.950	0.0	-0.0010479	0.0
	21.37000	27.55000	45.10000	-0.25753	44.950	0.0	-0.0010434	0.0
	21.37000	27.65000	45.10000	-0.25270	44.950	0.0	-0.0010389	0.0
	21.37000	27.75000	45.10000	-0.24798	44.950	0.0	-0.0010344	0.0
	21.37000	27.85000	45.10000	-0.24335	44.950	0.0	-0.0010298	0.0
	21.37000	27.95000	45.10000	-0.23881	44.950	0.0	-0.0010253	0.0
	21.37000	28.05000	45.10000	-0.23437	44.950	0.0	-0.0010207	0.0
	21.37000	28.15000	45.10000	-0.23001	44.950	0.0	-0.0010162	0.0
	21.37000	28.25000	45.10000	-0.22574	44.950	0.0	-0.0010116	0.0
	21.37000	28.35000	45.10000	-0.22155	44.950	0.0	-0.0010071	0.0
	21.37000	28.45000	45.10000	-0.21744	44.950	0.0	-0.0010025	0.0
	21.37000	28.55000	45.10000	-0.21341	44.950	0.0	-997.96E-6	0.0
	21.37000	28.65000	45.10000	-0.20946	44.950	0.0	-993.40E-6	0.0
	21.37000	28.75000	45.10000	-0.20559	44.950	0.0	-988.83E-6	0.0
	21.37000	28.85000	45.10000	-0.20180	44.950	0.0	-984.27E-6	0.0
	21.37000	28.95000	45.10000	-0.19807	44.950	0.0	-979.70E-6	0.0
	21.37000	29.05000	45.10000	-0.19442	44.950	0.0	-975.13E-6	0.0
	21.37000	29.15000	45.10000	-0.19084	44.950	0.0	-970.56E-6	0.0
	21.37000	29.25000	45.10000	-0.18733	44.950	0.0	-965.99E-6	0.0
	21.37000	29.35000	45.10000	-0.18388	44.950	0.0	-961.42E-6	0.0
	21.37000	29.45000	45.10000	-0.18050	44.950	0.0	-956.86E-6	0.0
	21.37000	29.55000	45.10000	-0.17718	44.950	0.0	-952.29E-6	0.0
	21.37000	29.65000	45.10000	-0.17393	44.950	0.0	-947.73E-6	0.0
	21.37000	29.75000	45.10000	-0.17074	44.950	0.0	-943.17E-6	0.0
	21.37000	29.85000	45.10000	-0.16761	44.950	0.0	-938.61E-6	0.0
	21.37000	29.95000	45.10000	-0.16453	44.950	0.0	-934.06E-6	0.0
	21.37000	30.05000	45.10000	-0.16152	44.950	0.0	-929.51E-6	0.0
	21.37000	30.15000	45.10000	-0.15856	44.950	0.0	-924.97E-6	0.0
	21.37000	30.25000	45.10000	-0.15565	44.950	0.0	-920.43E-6	0.0
	21.37000	30.35000	45.10000	-0.15280	44.950	0.0	-915.89E-6	0.0
	21.37000	30.45000	45.10000	-0.15001	44.950	0.0	-911.36E-6	0.0
	21.37000	30.55000	45.10000	-0.14726	44.950	0.0	-906.84E-6	0.0
	21.37000	30.65000	45.10000	-0.14457	44.950	0.0	-902.32E-6	0.0
	21.37000	30.75000	45.10000	-0.14192	44.950	0.0	-897.81E-6	0.0
	21.37000	30.85000	45.10000	-0.13933	44.950	0.0	-893.30E-6	0.0
	21.37000	30.95000	45.10000	-0.13678	44.950	0.0	-888.81E-6	0.0
	21.37000	31.05000	45.10000	-0.13427	44.950	0.0	-884.32E-6	0.0
	21.37000	31.15000	45.10000	-0.13182	44.950	0.0	-879.83E-6	0.0
	21.37000	31.25000	45.10000	-0.12941	44.950	0.0	-875.36E-6	0.0
	21.37000	31.35000	45.10000	-0.12704	44.950	0.0	-870.89E-6	0.0
	21.37000	31.45000	45.10000	-0.12471	44.950	0.0	-866.44E-6	0.0
	21.37000	31.55000	45.10000	-0.12243	44.950	0.0	-861.99E-6	0.0
	21.37000	31.65000	45.10000	-0.12019	44.950	0.0	-857.55E-6	0.0
	21.37000	31.75000	45.10000	-0.11799	44.950	0.0	-853.12E-6	0.0
	21.37000	31.85000	45.10000	-0.11583	44.950	0.0	-848.70E-6	0.0
	21.37000	31.95000	45.10000	-0.11371	44.950	0.0	-844.29E-6	0.0
	21.37000	32.05000	45.10000	-0.11162	44.950	0.0	-839.89E-6	0.0
	21.37000	32.15000	45.10000	-0.10958	44.950	0.0	-835.50E-6	0.0
	21.37000	32.25000	45.10000	-0.10757	44.950	0.0	-831.12E-6	0.0
	21.37000	32.35000	45.10000	-0.10559	44.950	0.0	-826.75E-6	0.0
	21.37000	32.45000	45.10000	-0.10365	44.950	0.0	-822.40E-6	0.0
	21.37000	32.55000	45.10000	-0.10175	44.950	0.0	-818.06E-6	0.0
	21.37000	32.65000	45.10000	-0.099878	44.950	0.0	-813.72E-6	0.0
	21.37000	32.75000	45.10000	-0.098041	44.950	0.0	-809.40E-6	0.0
	21.37000	32.85000	45.10000	-0.096236	44.950	0.0	-805.10E-6	0.0
	21.37000	32.95000	45.10000	-0.094463	44.950	0.0	-800.80E-6	0.0
	21.37000	33.05000	45.10000	-0.092722	44.950	0.0	-796.52E-6	0.0

Name	Location			Displacement		Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	21.37000	33.15000	45.10000	-0.091011	44.950	0.0	-792.25E-6	0.0
	21.37000	33.25000	45.10000	-0.089331	44.950	0.0	-787.99E-6	0.0
	21.37000	33.35000	45.10000	-0.087680	44.950	0.0	-783.75E-6	0.0
	21.37000	33.45000	45.10000	-0.086058	44.950	0.0	-779.52E-6	0.0
	21.37000	33.55000	45.10000	-0.084465	44.950	0.0	-775.30E-6	0.0
	21.37000	33.65000	45.10000	-0.082899	44.950	0.0	-771.10E-6	0.0
	21.37000	33.75000	45.10000	-0.081361	44.950	0.0	-766.91E-6	0.0
	21.37000	33.85000	45.10000	-0.079850	44.950	0.0	-762.74E-6	0.0
	21.37000	33.95000	45.10000	-0.078365	44.950	0.0	-758.58E-6	0.0
	21.37000	34.05000	45.10000	-0.076906	44.950	0.0	-754.44E-6	0.0
	21.37000	34.15000	45.10000	-0.075472	44.950	0.0	-750.31E-6	0.0
	21.37000	34.25000	45.10000	-0.074064	44.950	0.0	-746.19E-6	0.0
	21.37000	34.35000	45.10000	-0.072680	44.950	0.0	-742.09E-6	0.0
	21.37000	34.45000	45.10000	-0.071320	44.950	0.0	-738.00E-6	0.0
	21.37000	34.55000	45.10000	-0.069983	44.950	0.0	-733.93E-6	0.0
	21.37000	34.65000	45.10000	-0.068670	44.950	0.0	-729.88E-6	0.0
	21.37000	34.75000	45.10000	-0.067379	44.950	0.0	-725.84E-6	0.0
	21.37000	34.85000	45.10000	-0.066111	44.950	0.0	-721.82E-6	0.0
	21.37000	34.95000	45.10000	-0.064864	44.950	0.0	-717.81E-6	0.0
	21.37000	35.05000	45.10000	-0.063639	44.950	0.0	-713.82E-6	0.0
	21.37000	35.15000	45.10000	-0.062435	44.950	0.0	-709.84E-6	0.0
	21.37000	35.25000	45.10000	-0.061252	44.950	0.0	-705.88E-6	0.0
	21.37000	35.35000	45.10000	-0.060089	44.950	0.0	-701.94E-6	0.0
	21.37000	35.45000	45.10000	-0.058946	44.950	0.0	-698.01E-6	0.0
	21.37000	35.55000	45.10000	-0.057823	44.950	0.0	-694.10E-6	0.0
	21.37000	35.65000	45.10000	-0.056719	44.950	0.0	-690.20E-6	0.0
	21.37000	35.75000	45.10000	-0.055634	44.950	0.0	-686.33E-6	0.0
	21.37000	35.85000	45.10000	-0.054567	44.950	0.0	-682.47E-6	0.0
	21.37000	35.95000	45.10000	-0.053519	44.950	0.0	-678.62E-6	0.0
	21.37000	36.05000	45.10000	-0.052489	44.950	0.0	-674.79E-6	0.0
	21.37000	36.15000	45.10000	-0.051476	44.950	0.0	-670.98E-6	0.0
	21.37000	36.25000	45.10000	-0.050480	44.950	0.0	-667.19E-6	0.0
	21.37000	36.35000	45.10000	-0.049501	44.950	0.0	-663.41E-6	0.0
	21.37000	36.45000	45.10000	-0.048540	44.950	0.0	-659.65E-6	0.0
	21.37000	36.55000	45.10000	-0.047594	44.950	0.0	-655.91E-6	0.0
	21.37000	36.65000	45.10000	-0.046664	44.950	0.0	-652.18E-6	0.0
	21.37000	36.75000	45.10000	-0.045751	44.950	0.0	-648.47E-6	0.0
	21.37000	36.85000	45.10000	-0.044852	44.950	0.0	-644.78E-6	0.0
	21.37000	36.95000	45.10000	-0.043969	44.950	0.0	-641.11E-6	0.0
	21.37000	37.05000	45.10000	-0.043101	44.950	0.0	-637.45E-6	0.0
	21.37000	37.15000	45.10000	-0.042248	44.950	0.0	-633.81E-6	0.0
	21.37000	37.25000	45.10000	-0.041409	44.950	0.0	-630.19E-6	0.0
	21.37000	37.35000	45.10000	-0.040584	44.950	0.0	-626.58E-6	0.0
	21.37000	37.45000	45.10000	-0.039774	44.950	0.0	-622.99E-6	0.0
	21.37000	37.55000	45.10000	-0.038976	44.950	0.0	-619.42E-6	0.0
	21.37000	37.65000	45.10000	-0.038193	44.950	0.0	-615.87E-6	0.0
	21.37000	37.75000	45.10000	-0.037422	44.950	0.0	-612.34E-6	0.0
	21.37000	37.85000	45.10000	-0.036665	44.950	0.0	-608.82E-6	0.0
	21.37000	37.95000	45.10000	-0.035920	44.950	0.0	-605.32E-6	0.0
	21.37000	38.05000	45.10000	-0.035188	44.950	0.0	-601.84E-6	0.0
	21.37000	38.15000	45.10000	-0.034468	44.950	0.0	-598.37E-6	0.0
	21.37000	38.25000	45.10000	-0.033761	44.950	0.0	-594.92E-6	0.0
	21.37000	38.35000	45.10000	-0.033065	44.950	0.0	-591.49E-6	0.0
	21.37000	38.45000	45.10000	-0.032381	44.950	0.0	-588.08E-6	0.0
	21.37000	38.55000	45.10000	-0.031708	44.950	0.0	-584.69E-6	0.0
	21.37000	38.65000	45.10000	-0.031047	44.950	0.0	-581.31E-6	0.0
	21.37000	38.75000	45.10000	-0.030397	44.950	0.0	-577.95E-6	0.0
	21.37000	38.85000	45.10000	-0.029758	44.950	0.0	-574.61E-6	0.0
	21.37000	38.95000	45.10000	-0.029129	44.950	0.0	-571.29E-6	0.0
	21.37000	39.05000	45.10000	-0.028511	44.950	0.0	-567.98E-6	0.0
	21.37000	39.15000	45.10000	-0.027904	44.950	0.0	-564.69E-6	0.0
	21.37000	39.25000	45.10000	-0.027306	44.950	0.0	-561.42E-6	0.0
	21.37000	39.35000	45.10000	-0.026719	44.950	0.0	-558.16E-6	0.0
	21.37000	39.45000	45.10000	-0.026141	44.950	0.0	-554.93E-6	0.0
	21.37000	39.55000	45.10000	-0.025573	44.950	0.0	-551.71E-6	0.0
	21.37000	39.65000	45.10000	-0.025015	44.950	0.0	-548.50E-6	0.0
	21.37000	39.75000	45.10000	-0.024466	44.950	0.0	-545.32E-6	0.0
	21.37000	39.85000	45.10000	-0.023926	44.950	0.0	-542.15E-6	0.0
	21.37000	39.95000	45.10000	-0.023395	44.950	0.0	-539.00E-6	0.0
	21.37000	40.05000	45.10000	-0.022873	44.950	0.0	-535.87E-6	0.0
	21.37000	40.15000	45.10000	-0.022360	44.950	0.0	-532.76E-6	0.0
	21.37000	40.25000	45.10000	-0.021856	44.950	0.0	-529.66E-6	0.0
	21.37000	40.35000	45.10000	-0.021359	44.950	0.0	-526.58E-6	0.0
	21.37000	40.45000	45.10000	-0.020871	44.950	0.0	-523.51E-6	0.0
	21.37000	40.55000	45.10000	-0.020392	44.950	0.0	-520.47E-6	0.0
	21.37000	40.65000	45.10000	-0.019920	44.950	0.0	-517.44E-6	0.0
	21.37000	40.75000	45.10000	-0.019456	44.950	0.0	-514.43E-6	0.0
	21.37000	40.85000	45.10000	-0.019000	44.950	0.0	-511.43E-6	0.0
	21.37000	40.95000	45.10000	-0.018552	44.950	0.0	-508.45E-6	0.0
	21.37000	41.05000	45.10000	-0.018111	44.950	0.0	-505.49E-6	0.0
	21.37000	41.15000	45.10000	-0.017677	44.950	0.0	-502.55E-6	0.0
	21.37000	41.25000	45.10000	-0.017251	44.950	0.0	-499.62E-6	0.0
	21.37000	41.35000	45.10000	-0.016832	44.950	0.0	-496.71E-6	0.0
	21.37000	41.45000	45.10000	-0.016419	44.950	0.0	-493.81E-6	0.0
	21.37000	41.55000	45.10000	-0.016014	44.950	0.0	-490.94E-6	0.0
	21.37000	41.65000	45.10000	-0.015616	44.950	0.0	-488.08E-6	0.0
	21.37000	41.75000	45.10000	-0.015224	44.950	0.0	-485.23E-6	0.0
	21.37000	41.85000	45.10000	-0.014838	44.950	0.0	-482.41E-6	0.0
	21.37000	41.95000	45.10000	-0.014460	44.950	0.0	-479.59E-6	0.0
	21.37000	42.05000	45.10000	-0.014087	44.950	0.0	-476.80E-6	0.0
	21.37000	42.15000	45.10000	-0.013721	44.950	0.0	-474.02E-6	0.0
	21.37000	42.25000	45.10000	-0.013361	44.950	0.0	-471.26E-6	0.0
	21.37000	42.35000	45.10000	-0.013006	44.950	0.0	-468.51E-6	0.0
	21.37000	42.45000	45.10000	-0.012658	44.950	0.0	-465.78E-6	0.0
	21.37000	42.55000	45.10000	-0.012316	44.950	0.0	-463.07E-6	0.0
	21.37000	42.65000	45.10000	-0.011979	44.950	0.0	-460.37E-6	0.0
	21.37000	42.75000	45.10000	-0.011648	44.950	0.0	-457.69E-6	0.0
	21.37000	42.85000	45.10000	-0.011323	44.950	0.0	-455.03E-6	0.0
	21.37000	42.95000	45.10000	-0.011003	44.950	0.0	-452.38E-6	0.0
	21.37000	43.05000	45.10000	-0.010688	44.950	0.0	-449.75E-6	0.0
	21.37000	43.15000	45.10000	-0.010379	44.950	0.0	-447.13E-6	0.0
	21.37000	43.25000	45.10000	-0.010075	44.950	0.0	-444.53E-6	0.0
	21.37000	43.35000	45.10000	-0.0097757	44.950	0.0	-441.94E-6	0.0
	21.37000	43.45000	45.10000	-0.0094817	44.950	0.0	-439.37E-6	0.0
	21.37000	43.55000	45.10000	-0.0091927	44.950	0.0	-436.82E-6	0.0
	21.37000	43.65000	45.10000	-0.0089085	44.950	0.0	-434.28E-6	0.0
	21.37000	43.75000	45.10000	-0.0086290	44.950	0.0	-431.75E-6	0.0
	21.37000	43.85000	45.10000	-0.0083543	44.950	0.0	-429.24E-6	0.0
	21.37000	43.95000	45.10000	-0.0080842	44.950	0.0	-426.75E-6	0.0
	21.37000	44.05000	45.10000	-0.0078187	44.950	0.0	-424.27E-6	0.0
	21.37000	44.15000	45.10000	-0.0075576	44.950	0.0	-421.81E-6	0.0
	21.37000	44.25000	45.10000	-0.0073010	44.950	0.0	-419.36E-6	0.0
	21.37000	44.35000	45.10000	-0.0070487	44.950	0.0	-416.93E-6	0.0
	21.37000	44.45000	45.10000	-0.0068006	44.950	0.0	-414.51E-6	0.0
	21.37000	44.55000	45.10000	-0.0065568	44.950	0.0	-412.11E-6	0.0
	21.37000	44.65000	45.10000	-0.0063171	44.950	0.0	-409.72E-6	0.0
	21.37000	44.75000	45.10000	-0.0060814	44.950	0.0	-407.34E-6	0.0
	21.37000	44.85000	45.10000	-0.0058497	44.950	0.0	-404.98E-6	0.0
	21.37000	44.95000	45.10000	-0.0056220	44.950	0.0	-402.64E-6	0.0
	21.37000	45.05000	45.10000	-0.0053981	44.950	0.0	-400.31E-6	0.0
	21.37000	45.15000	45.10000	-0.0051780	44.950	0.0	-397.99E-6	0.0
	21.37000	45.25000	45.10000	-0.0049617	44.950	0.0	-395.69E-6	0.0
	21.37000	45.35000	45.10000	-0.0047490	44.950	0.0	-393.41E-6	0.0
	21.37000	45.45000	45.10000	-0.0045400	44.950	0.0	-391.13E-6	0.0
	21.37000	45.55000	45.10000	-0.0043346	44.950	0.0	-388.87E-6	0.0
	21.37000	45.65000	45.10000	-0.0041326	44.950	0.0	-386.63E-6	0.0
	21.37000	45.75000	45.10000	-0.0039341	44.950	0.0	-384.40E-6	0.0
	21.37000	45.85000	45.10000	-0.0037390	44.950	0.0	-382.18E-6	0.0
	21.37000	45.95000	45.10000	-0.0035472	44.950	0.0	-379.98E-6	0.0
	21.37000	46.05000	45.10000	-0.0033588	44.950	0.0	-377.79E-6	0.0
	21.37000	46.15000	45.10000	-0.0031735	44.950	0.0	-375.62E-6	0.0
	21.37000	46.25000	45.10000	-0.0029915	44.950	0.0	-373.45E-6	0.0
	21.37000	46.35000	45.10000	-0.0028125	44.950	0.0	-371.31E-6	0.0
	21.37000	46.45000	45.10000	-0.0026367	44.950	0.0	-369.17E-6	0.0
	21.37000	46.55000	45.10000	-0.0024639	44.950	0.0	-367.05E-6	0.0
	21.37000	46.65000	45.10000	-0.0022940	44.950	0.0	-364.94E-6	0.0
	21.37000	46.75000	45.10000	-0.0021271	44.950	0.0	-362.85E-6	0.0
	21.37000	46.85000	45.10000	-0.0019631	44.950	0.0	-360.77E-6	0.0
	21.37000	46.95000	45.10000	-0.0018020	44.950	0.0	-358.70E-6	0.0
	21.37000	47.05000	45.10000	-0.0016436	44.950	0.0	-356.64E-6	0.0
	21.37000	47.15000	45.10000	-0.0014880	44.950	0.0	-354.60E-6	0.0

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Displacement Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	21.37000	47.25000	45.10000	-0.0013351	44.950	0.0	-352.57E-6	0.0
	21.37000	47.35000	45.10000	-0.0011848	44.950	0.0	-350.55E-6	0.0
	21.37000	47.45000	45.10000	-0.0010372	44.950	0.0	-348.55E-6	0.0
	21.37000	47.55000	45.10000	-892.20E-6	44.950	0.0	-346.56E-6	0.0
	21.37000	47.65000	45.10000	-749.71E-6	44.950	0.0	-344.58E-6	0.0
	21.37000	47.75000	45.10000	-609.72E-6	44.950	0.0	-342.62E-6	0.0
	21.37000	47.85000	45.10000	-472.19E-6	44.950	0.0	-340.66E-6	0.0
	21.37000	47.95000	45.10000	-337.08E-6	44.950	0.0	-338.72E-6	0.0
	21.37000	48.05000	45.10000	-204.35E-6	44.950	0.0	-336.79E-6	0.0
	21.37000	48.15000	45.10000	-73.965E-6	44.950	0.0	-334.88E-6	0.0
	21.37000	48.25000	45.10000	54.110E-6	44.950	0.0	-332.97E-6	0.0
	21.37000	48.35000	45.10000	179.91E-6	44.950	0.0	-331.08E-6	0.0
16 Kingsland	0.00000	18.35000	45.10000	-2.1868	44.950	-540.84E-6	-0.58776	7.7936E-6
	0.00000	18.45000	45.10000	-2.1360	44.950	-522.79E-6	-0.57085	7.5695E-6
	0.00000	18.55000	45.10000	-2.0858	44.950	-501.93E-6	-0.55260	7.3278E-6
	0.00000	18.65000	45.10000	-2.0368	44.950	-478.08E-6	-0.53304	7.0690E-6
	0.00000	18.75000	45.10000	-1.9892	44.950	-451.23E-6	-0.51226	6.7941E-6
	0.00000	18.85000	45.10000	-1.9430	44.950	-421.54E-6	-0.49039	6.5049E-6
	0.00000	18.95000	45.10000	-1.8982	44.950	-389.46E-6	-0.46764	6.2041E-6
	0.00000	19.05000	45.10000	-1.8546	44.950	-355.67E-6	-0.44427	5.8952E-6
	0.00000	19.15000	45.10000	-1.8120	44.950	-321.05E-6	-0.42059	5.5822E-6
	0.00000	19.25000	45.10000	-1.7702	44.950	-286.61E-6	-0.39693	5.2694E-6
	0.00000	19.35000	45.10000	-1.7290	44.950	-253.32E-6	-0.37361	4.9611E-6
	0.00000	19.45000	45.10000	-1.6885	44.950	-222.01E-6	-0.35092	4.6612E-6
	0.00000	19.55000	45.10000	-1.6485	44.950	-193.27E-6	-0.32912	4.3729E-6
	0.00000	19.65000	45.10000	-1.6091	44.950	-167.44E-6	-0.30838	4.0984E-6
	0.00000	19.75000	45.10000	-1.5702	44.950	-144.62E-6	-0.28882	3.8393E-6
	0.00000	19.85000	45.10000	-1.5319	44.950	-124.73E-6	-0.27049	3.5965E-6
	0.00000	19.95000	45.10000	-1.4943	44.950	-107.56E-6	-0.25340	3.3701E-6
	0.00000	20.05000	45.10000	-1.4574	44.950	-92.846E-6	-0.23753	3.1597E-6
	0.00000	20.15000	45.10000	-1.4213	44.950	-80.292E-6	-0.22284	2.9648E-6
	0.00000	20.25000	45.10000	-1.3859	44.950	-69.604E-6	-0.20926	2.7845E-6
	0.00000	20.35000	45.10000	-1.3514	44.950	-60.513E-6	-0.19671	2.6180E-6
	0.00000	20.45000	45.10000	-1.3176	44.950	-52.775E-6	-0.18512	2.4641E-6
	0.00000	20.55000	45.10000	-1.2847	44.950	-46.181E-6	-0.17442	2.3219E-6
	0.00000	20.65000	45.10000	-1.2527	44.950	-40.548E-6	-0.16453	2.1905E-6
	0.00000	20.75000	45.10000	-1.2216	44.950	-35.724E-6	-0.15538	2.0689E-6
	0.00000	20.85000	45.10000	-1.1913	44.950	-31.582E-6	-0.14691	1.9563E-6
	0.00000	20.95000	45.10000	-1.1618	44.950	-28.012E-6	-0.13906	1.8519E-6
	0.00000	21.05000	45.10000	-1.1332	44.950	-24.927E-6	-0.13177	1.7550E-6
	0.00000	21.15000	45.10000	-1.1054	44.950	-22.251E-6	-0.12500	1.6649E-6
	0.00000	21.25000	45.10000	-1.0785	44.950	-19.922E-6	-0.11870	1.5811E-6
	0.00000	21.35000	45.10000	-1.0523	44.950	-17.889E-6	-0.11283	1.5030E-6
	0.00000	21.45000	45.10000	-1.0270	44.950	-16.108E-6	-0.10735	1.4301E-6
	0.00000	21.55000	45.10000	-1.0024	44.950	-14.543E-6	-0.10224	1.3620E-6
	0.00000	21.65000	45.10000	-0.97850	44.950	-13.163E-6	-0.097453	1.2983E-6
	0.00000	21.75000	45.10000	-0.95535	44.950	-11.943E-6	-0.092972	1.2387E-6
	0.00000	21.85000	45.10000	-0.93290	44.950	-10.861E-6	-0.088770	1.1827E-6
	0.00000	21.95000	45.10000	-0.91112	44.950	-9.8995E-6	-0.084825	1.1302E-6
	0.00000	22.05000	45.10000	-0.89000	44.950	-9.0419E-6	-0.081118	1.0809E-6
	0.00000	22.15000	45.10000	-0.86949	44.950	-8.2753E-6	-0.077630	1.0344E-6
	0.00000	22.25000	45.10000	-0.84960	44.950	-7.5883E-6	-0.074344	0.0
	0.00000	22.35000	45.10000	-0.83029	44.950	-6.9711E-6	-0.071246	0.0
	0.00000	22.45000	45.10000	-0.81154	44.950	-6.4153E-6	-0.068322	0.0
	0.00000	22.55000	45.10000	-0.79333	44.950	-5.9139E-6	-0.065560	0.0
	0.00000	22.65000	45.10000	-0.77565	44.950	-5.4603E-6	-0.062948	0.0
	0.00000	22.75000	45.10000	-0.75847	44.950	-5.0494E-6	-0.060475	0.0
	0.00000	22.85000	45.10000	-0.74177	44.950	-4.6762E-6	-0.058133	0.0
	0.00000	22.95000	45.10000	-0.72555	44.950	-4.3368E-6	-0.055912	0.0
	0.00000	23.05000	45.10000	-0.70977	44.950	-4.0275E-6	-0.053805	0.0
	0.00000	23.15000	45.10000	-0.69442	44.950	-3.7451E-6	-0.051803	0.0
	0.00000	23.25000	45.10000	-0.67950	44.950	-3.4868E-6	-0.049902	0.0
	0.00000	23.35000	45.10000	-0.66497	44.950	-3.2503E-6	-0.048093	0.0
	0.00000	23.45000	45.10000	-0.65084	44.950	-3.0334E-6	-0.046371	0.0
	0.00000	23.55000	45.10000	-0.63708	44.950	-2.8340E-6	-0.044732	0.0
	0.00000	23.65000	45.10000	-0.62368	44.950	-2.6507E-6	-0.043170	0.0
	0.00000	23.75000	45.10000	-0.61063	44.950	-2.4817E-6	-0.041680	0.0
	0.00000	23.85000	45.10000	-0.59791	44.950	-2.3258E-6	-0.040258	0.0
	0.00000	23.95000	45.10000	-0.58553	44.950	-2.1819E-6	-0.038900	0.0
	0.00000	24.05000	45.10000	-0.57345	44.950	-2.0487E-6	-0.037603	0.0
	0.00000	24.15000	45.10000	-0.56168	44.950	-1.9254E-6	-0.036364	0.0
	0.00000	24.25000	45.10000	-0.55021	44.950	-1.8111E-6	-0.035178	0.0
	0.00000	24.35000	45.10000	-0.53902	44.950	-1.7050E-6	-0.034043	0.0
	0.00000	24.45000	45.10000	-0.52810	44.950	-1.6064E-6	-0.032957	0.0
	0.00000	24.55000	45.10000	-0.51745	44.950	-1.5148E-6	-0.031916	0.0
	0.00000	24.65000	45.10000	-0.50706	44.950	-1.4294E-6	-0.030919	0.0
	0.00000	24.75000	45.10000	-0.49691	44.950	-1.3499E-6	-0.029963	0.0
	0.00000	24.85000	45.10000	-0.48701	44.950	-1.2757E-6	-0.029046	0.0
	0.00000	24.95000	45.10000	-0.47734	44.950	-1.2064E-6	-0.028165	0.0
	0.00000	25.05000	45.10000	-0.46790	44.950	-1.1417E-6	-0.027320	0.0
	0.00000	25.15000	45.10000	-0.45868	44.950	-1.0811E-6	-0.026508	0.0
	0.00000	25.25000	45.10000	-0.44968	44.950	-1.0244E-6	-0.025728	0.0
	0.00000	25.35000	45.10000	-0.44088	44.950	0.0	-0.024978	0.0
	0.00000	25.45000	45.10000	-0.43228	44.950	0.0	-0.024257	0.0
	0.00000	25.55000	45.10000	-0.42388	44.950	0.0	-0.023563	0.0
	0.00000	25.65000	45.10000	-0.41566	44.950	0.0	-0.022895	0.0
	0.00000	25.75000	45.10000	-0.40764	44.950	0.0	-0.022252	0.0
	0.00000	25.85000	45.10000	-0.39979	44.950	0.0	-0.021632	0.0
	0.00000	25.95000	45.10000	-0.39211	44.950	0.0	-0.021035	0.0
	0.00000	26.05000	45.10000	-0.38460	44.950	0.0	-0.020460	0.0
	0.00000	26.15000	45.10000	-0.37726	44.950	0.0	-0.019906	0.0
	0.00000	26.25000	45.10000	-0.37008	44.950	0.0	-0.019371	0.0
	0.00000	26.35000	45.10000	-0.36305	44.950	0.0	-0.018855	0.0
	0.00000	26.45000	45.10000	-0.35618	44.950	0.0	-0.018356	0.0
	0.00000	26.55000	45.10000	-0.34945	44.950	0.0	-0.017876	0.0
	0.00000	26.65000	45.10000	-0.34287	44.950	0.0	-0.017411	0.0
	0.00000	26.75000	45.10000	-0.33642	44.950	0.0	-0.016963	0.0
	0.00000	26.85000	45.10000	-0.33011	44.950	0.0	-0.016529	0.0
	0.00000	26.95000	45.10000	-0.32394	44.950	0.0	-0.016110	0.0
	0.00000	27.05000	45.10000	-0.31789	44.950	0.0	-0.015705	0.0
	0.00000	27.15000	45.10000	-0.31197	44.950	0.0	-0.015313	0.0
	0.00000	27.25000	45.10000	-0.30617	44.950	0.0	-0.014934	0.0
	0.00000	27.35000	45.10000	-0.30049	44.950	0.0	-0.014568	0.0
	0.00000	27.45000	45.10000	-0.29493	44.950	0.0	-0.014213	0.0
	0.00000	27.55000	45.10000	-0.28948	44.950	0.0	-0.013869	0.0
	0.00000	27.65000	45.10000	-0.28415	44.950	0.0	-0.013537	0.0
	0.00000	27.75000	45.10000	-0.27892	44.950	0.0	-0.013214	0.0
	0.00000	27.85000	45.10000	-0.27379	44.950	0.0	-0.012902	0.0
	0.00000	27.95000	45.10000	-0.26877	44.950	0.0	-0.012599	0.0
	0.00000	28.05000	45.10000	-0.26385	44.950	0.0	-0.012306	0.0
	0.00000	28.15000	45.10000	-0.25903	44.950	0.0	-0.012022	0.0
	0.00000	28.25000	45.10000	-0.25430	44.950	0.0	-0.011746	0.0
	0.00000	28.35000	45.10000	-0.24966	44.950	0.0	-0.011478	0.0
	0.00000	28.45000	45.10000	-0.24512	44.950	0.0	-0.011219	0.0
	0.00000	28.55000	45.10000	-0.24067	44.950	0.0	-0.010967	0.0
	0.00000	28.65000	45.10000	-0.23630	44.950	0.0	-0.010722	0.0
	0.00000	28.75000	45.10000	-0.23202	44.950	0.0	-0.010485	0.0
	0.00000	28.85000	45.10000	-0.22782	44.950	0.0	-0.010255	0.0
	0.00000	28.95000	45.10000	-0.22370	44.950	0.0	-0.010031	0.0
	0.00000	29.05000	45.10000	-0.21966	44.950	0.0	-0.0098134	0.0
	0.00000	29.15000	45.10000	-0.21570	44.950	0.0	-0.0096021	0.0
	0.00000	29.25000	45.10000	-0.21182	44.950	0.0	-0.0093968	0.0
	0.00000	29.35000	45.10000	-0.20801	44.950	0.0	-0.0091972	0.0
	0.00000	29.45000	45.10000	-0.20427	44.950	0.0	-0.0090032	0.0
	0.00000	29.55000	45.10000	-0.20060	44.950	0.0	-0.0088145	0.0
	0.00000	29.65000	45.10000	-0.19700	44.950	0.0	-0.0086310	0.0
	0.00000	29.75000	45.10000	-0.19347	44.950	0.0	-0.0084525	0.0
	0.00000	29.85000	45.10000	-0.19001	44.950	0.0	-0.0082789	0.0
	0.00000	29.95000	45.10000	-0.18661	44.950	0.0	-0.0081099	0.0
	0.00000	30.05000	45.10000	-0.18327	44.950	0.0	-0.0079454	0.0
	0.00000	30.15000	45.10000	-0.18000	44.950	0.0	-0.0077853	0.0
	0.00000	30.25000	45.10000	-0.17678	44.950	0.0	-0.0076295	0.0
	0.00000	30.35000	45.10000	-0.17363	44.950	0.0	-0.0074777	0.0
	0.00000	30.45000	45.10000	-0.17053	44.950	0.0	-0.0073298	0.0
	0.00000	30.55000	45.10000	-0.16749	44.950	0.0	-0.0071858	0.0
	0.00000	30.65000	45.10000	-0.16451	44.950	0.0	-0.0070455	0.0
	0.00000	30.75000	45.10000	-0.16158	44.950	0.0	-0.0069088	0.0
	0.00000	30.85000	45.10000	-0.15871	44.950	0.0	-0.0067756	0.0
	0.00000	30.95000	45.10000	-0.15588	44.950	0.0	-0.0066457	0.0
	0.00000	31.05000	45.10000	-0.15311	44.950	0.0	-0.0065191	0.0
	0.00000	31.15000	45.10000	-0.15039	44.950	0.0	-0.0063957	0.0

Name	Location			Displacement		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	31.25000	45.10000	-0.14772	44.950	0.0	-0.0062753	0.0	
	0.00000	31.35000	45.10000	-0.14509	44.950	0.0	-0.0061579	0.0	
	0.00000	31.45000	45.10000	-0.14252	44.950	0.0	-0.0060434	0.0	
	0.00000	31.55000	45.10000	-0.13999	44.950	0.0	-0.0059317	0.0	
	0.00000	31.65000	45.10000	-0.13750	44.950	0.0	-0.0058227	0.0	
	0.00000	31.75000	45.10000	-0.13506	44.950	0.0	-0.0057163	0.0	
	0.00000	31.85000	45.10000	-0.13266	44.950	0.0	-0.0056124	0.0	
	0.00000	31.95000	45.10000	-0.13031	44.950	0.0	-0.0055111	0.0	
	0.00000	32.05000	45.10000	-0.12799	44.950	0.0	-0.0054121	0.0	
	0.00000	32.15000	45.10000	-0.12572	44.950	0.0	-0.0053155	0.0	
	0.00000	32.25000	45.10000	-0.12349	44.950	0.0	-0.0052211	0.0	
	0.00000	32.35000	45.10000	-0.12130	44.950	0.0	-0.0051289	0.0	
	0.00000	32.45000	45.10000	-0.11914	44.950	0.0	-0.0050389	0.0	
	0.00000	32.55000	45.10000	-0.11703	44.950	0.0	-0.0049509	0.0	
	0.00000	32.65000	45.10000	-0.11495	44.950	0.0	-0.0048650	0.0	
	0.00000	32.75000	45.10000	-0.11290	44.950	0.0	-0.0047810	0.0	
	0.00000	32.85000	45.10000	-0.11090	44.950	0.0	-0.0046989	0.0	
	0.00000	32.95000	45.10000	-0.10892	44.950	0.0	-0.0046187	0.0	
	0.00000	33.05000	45.10000	-0.10699	44.950	0.0	-0.0045403	0.0	
	0.00000	33.15000	45.10000	-0.10508	44.950	0.0	-0.0044636	0.0	
	0.00000	33.25000	45.10000	-0.10321	44.950	0.0	-0.0043886	0.0	
	0.00000	33.35000	45.10000	-0.10137	44.950	0.0	-0.0043153	0.0	
	0.00000	33.45000	45.10000	-0.099565	44.950	0.0	-0.0042436	0.0	
	0.00000	33.55000	45.10000	-0.097789	44.950	0.0	-0.0041734	0.0	
	0.00000	33.65000	45.10000	-0.096044	44.950	0.0	-0.0041048	0.0	
	0.00000	33.75000	45.10000	-0.094328	44.950	0.0	-0.0040377	0.0	
	0.00000	33.85000	45.10000	-0.092642	44.950	0.0	-0.0039720	0.0	
	0.00000	33.95000	45.10000	-0.090985	44.950	0.0	-0.0039077	0.0	
	0.00000	34.05000	45.10000	-0.089357	44.950	0.0	-0.0038448	0.0	
	0.00000	34.15000	45.10000	-0.087756	44.950	0.0	-0.0037832	0.0	
	0.00000	34.25000	45.10000	-0.086182	44.950	0.0	-0.0037229	0.0	
	0.00000	34.35000	45.10000	-0.084636	44.950	0.0	-0.0036638	0.0	
	0.00000	34.45000	45.10000	-0.083115	44.950	0.0	-0.0036060	0.0	
	0.00000	34.55000	45.10000	-0.081621	44.950	0.0	-0.0035494	0.0	
	0.00000	34.65000	45.10000	-0.080152	44.950	0.0	-0.0034940	0.0	
	0.00000	34.75000	45.10000	-0.078708	44.950	0.0	-0.0034397	0.0	
	0.00000	34.85000	45.10000	-0.077288	44.950	0.0	-0.0033865	0.0	
	0.00000	34.95000	45.10000	-0.075892	44.950	0.0	-0.0033344	0.0	
	0.00000	35.05000	45.10000	-0.074520	44.950	0.0	-0.0032834	0.0	
	0.00000	35.15000	45.10000	-0.073171	44.950	0.0	-0.0032334	0.0	
	0.00000	35.25000	45.10000	-0.071844	44.950	0.0	-0.0031844	0.0	
	0.00000	35.35000	45.10000	-0.070540	44.950	0.0	-0.0031363	0.0	
	0.00000	35.45000	45.10000	-0.069258	44.950	0.0	-0.0030892	0.0	
	0.00000	35.55000	45.10000	-0.067998	44.950	0.0	-0.0030431	0.0	
	0.00000	35.65000	45.10000	-0.066758	44.950	0.0	-0.0029978	0.0	
	0.00000	35.75000	45.10000	-0.065540	44.950	0.0	-0.0029535	0.0	
	0.00000	35.85000	45.10000	-0.064341	44.950	0.0	-0.0029100	0.0	
	0.00000	35.95000	45.10000	-0.063163	44.950	0.0	-0.0028673	0.0	
	0.00000	36.05000	45.10000	-0.062004	44.950	0.0	-0.0028255	0.0	
	0.00000	36.15000	45.10000	-0.060865	44.950	0.0	-0.0027845	0.0	
	0.00000	36.25000	45.10000	-0.059745	44.950	0.0	-0.0027442	0.0	
	0.00000	36.35000	45.10000	-0.058643	44.950	0.0	-0.0027048	0.0	
	0.00000	36.45000	45.10000	-0.057560	44.950	0.0	-0.0026660	0.0	
	0.00000	36.55000	45.10000	-0.056494	44.950	0.0	-0.0026281	0.0	
	0.00000	36.65000	45.10000	-0.055447	44.950	0.0	-0.0025908	0.0	
	0.00000	36.75000	45.10000	-0.054417	44.950	0.0	-0.0025542	0.0	
	0.00000	36.85000	45.10000	-0.053403	44.950	0.0	-0.0025183	0.0	
	0.00000	36.95000	45.10000	-0.052407	44.950	0.0	-0.0024830	0.0	
	0.00000	37.05000	45.10000	-0.051427	44.950	0.0	-0.0024485	0.0	
	0.00000	37.15000	45.10000	-0.050463	44.950	0.0	-0.0024145	0.0	
	0.00000	37.25000	45.10000	-0.049516	44.950	0.0	-0.0023812	0.0	
	0.00000	37.35000	45.10000	-0.048583	44.950	0.0	-0.0023484	0.0	
	0.00000	37.45000	45.10000	-0.047667	44.950	0.0	-0.0023163	0.0	
	0.00000	37.55000	45.10000	-0.046765	44.950	0.0	-0.0022848	0.0	
	0.00000	37.65000	45.10000	-0.045878	44.950	0.0	-0.0022538	0.0	
	0.00000	37.75000	45.10000	-0.045006	44.950	0.0	-0.0022233	0.0	
	0.00000	37.85000	45.10000	-0.044148	44.950	0.0	-0.0021934	0.0	
	0.00000	37.95000	45.10000	-0.043304	44.950	0.0	-0.0021641	0.0	
	0.00000	38.05000	45.10000	-0.042474	44.950	0.0	-0.0021352	0.0	
	0.00000	38.15000	45.10000	-0.041658	44.950	0.0	-0.0021069	0.0	
	0.00000	38.25000	45.10000	-0.040855	44.950	0.0	-0.0020791	0.0	
	0.00000	38.35000	45.10000	-0.040066	44.950	0.0	-0.0020517	0.0	
	0.00000	38.45000	45.10000	-0.039289	44.950	0.0	-0.0020248	0.0	
	0.00000	38.55000	45.10000	-0.038525	44.950	0.0	-0.0019984	0.0	
	0.00000	38.65000	45.10000	-0.037773	44.950	0.0	-0.0019725	0.0	
	0.00000	38.75000	45.10000	-0.037034	44.950	0.0	-0.0019470	0.0	
	0.00000	38.85000	45.10000	-0.036307	44.950	0.0	-0.0019219	0.0	
	0.00000	38.95000	45.10000	-0.035592	44.950	0.0	-0.0018972	0.0	
	0.00000	39.05000	45.10000	-0.034888	44.950	0.0	-0.0018730	0.0	
	0.00000	39.15000	45.10000	-0.034196	44.950	0.0	-0.0018492	0.0	
	0.00000	39.25000	45.10000	-0.033515	44.950	0.0	-0.0018257	0.0	
	0.00000	39.35000	45.10000	-0.032846	44.950	0.0	-0.0018027	0.0	
	0.00000	39.45000	45.10000	-0.032187	44.950	0.0	-0.0017800	0.0	
	0.00000	39.55000	45.10000	-0.031539	44.950	0.0	-0.0017578	0.0	
	0.00000	39.65000	45.10000	-0.030901	44.950	0.0	-0.0017359	0.0	
	0.00000	39.75000	45.10000	-0.030274	44.950	0.0	-0.0017143	0.0	
	0.00000	39.85000	45.10000	-0.029658	44.950	0.0	-0.0016931	0.0	
	0.00000	39.95000	45.10000	-0.029051	44.950	0.0	-0.0016723	0.0	
	0.00000	40.05000	45.10000	-0.028454	44.950	0.0	-0.0016518	0.0	
	0.00000	40.15000	45.10000	-0.027867	44.950	0.0	-0.0016316	0.0	
	0.00000	40.25000	45.10000	-0.027289	44.950	0.0	-0.0016117	0.0	
	0.00000	40.35000	45.10000	-0.026721	44.950	0.0	-0.0015922	0.0	
	0.00000	40.45000	45.10000	-0.026162	44.950	0.0	-0.0015730	0.0	
	0.00000	40.55000	45.10000	-0.025612	44.950	0.0	-0.0015541	0.0	
	0.00000	40.65000	45.10000	-0.025071	44.950	0.0	-0.0015355	0.0	
	0.00000	40.75000	45.10000	-0.024539	44.950	0.0	-0.0015171	0.0	
	0.00000	40.85000	45.10000	-0.024015	44.950	0.0	-0.0014991	0.0	
	0.00000	40.95000	45.10000	-0.023501	44.950	0.0	-0.0014814	0.0	
	0.00000	41.05000	45.10000	-0.022994	44.950	0.0	-0.0014639	0.0	
	0.00000	41.15000	45.10000	-0.022496	44.950	0.0	-0.0014467	0.0	
	0.00000	41.25000	45.10000	-0.022005	44.950	0.0	-0.0014298	0.0	
	0.00000	41.35000	45.10000	-0.021523	44.950	0.0	-0.0014131	0.0	
	0.00000	41.45000	45.10000	-0.021048	44.950	0.0	-0.0013967	0.0	
	0.00000	41.55000	45.10000	-0.020582	44.950	0.0	-0.0013805	0.0	
	0.00000	41.65000	45.10000	-0.020123	44.950	0.0	-0.0013646	0.0	
	0.00000	41.75000	45.10000	-0.019671	44.950	0.0	-0.0013490	0.0	
	0.00000	41.85000	45.10000	-0.019226	44.950	0.0	-0.0013335	0.0	
	0.00000	41.95000	45.10000	-0.018789	44.950	0.0	-0.0013183	0.0	
	0.00000	42.05000	45.10000	-0.018359	44.950	0.0	-0.0013034	0.0	
	0.00000	42.15000	45.10000	-0.017936	44.950	0.0	-0.0012886	0.0	
	0.00000	42.25000	45.10000	-0.017520	44.950	0.0	-0.0012741	0.0	
	0.00000	42.35000	45.10000	-0.017111	44.950	0.0	-0.0012598	0.0	
	0.00000	42.45000	45.10000	-0.016708	44.950	0.0	-0.0012457	0.0	
	0.00000	42.55000	45.10000	-0.016312	44.950	0.0	-0.0012318	0.0	
	0.00000	42.65000	45.10000	-0.015922	44.950	0.0	-0.0012181	0.0	
	0.00000	42.75000	45.10000	-0.015539	44.950	0.0	-0.0012046	0.0	
	0.00000	42.85000	45.10000	-0.015161	44.950	0.0	-0.0011913	0.0	
	0.00000	42.95000	45.10000	-0.014790	44.950	0.0	-0.0011783	0.0	
	0.00000	43.05000	45.10000	-0.014425	44.950	0.0	-0.0011654	0.0	
	0.00000	43.15000	45.10000	-0.014066	44.950	0.0	-0.0011526	0.0	
	0.00000	43.25000	45.10000	-0.013713	44.950	0.0	-0.0011401	0.0	
	0.00000	43.35000	45.10000	-0.013366	44.950	0.0	-0.0011278	0.0	
	0.00000	43.45000	45.10000	-0.013024	44.950	0.0	-0.0011156	0.0	
	0.00000	43.55000	45.10000	-0.012688	44.950	0.0	-0.0011036	0.0	
	0.00000	43.65000	45.10000	-0.012357	44.950	0.0	-0.0010918	0.0	
	0.00000	43.75000	45.10000	-0.012032	44.950	0.0	-0.0010801	0.0	
	0.00000	43.85000	45.10000	-0.011712	44.950	0.0	-0.0010686	0.0	
	0.00000	43.95000	45.10000	-0.011397	44.950	0.0	-0.0010573	0.0	
	0.00000	44.05000	45.10000	-0.011087	44.950	0.0	-0.0010461	0.0	
	0.00000	44.15000	45.10000	-0.010783	44.950	0.0	-0.0010351	0.0	
	0.00000	44.25000	45.10000	-0.010483	44.950	0.0	-0.0010242	0.0	
	0.00000	44.35000	45.10000	-0.010188	44.950	0.0	-0.0010135	0.0	
	0.00000	44.45000	45.10000	-0.0098983	44.950	0.0	-0.0010029	0.0	
	0.00000	44.55000	45.10000	-0.0096132	44.950	0.0	-992.52E-6	0.0	
	0.00000	44.65000	45.10000	-0.0093327	44.950	0.0	-982.24E-6	0.0	
	0.00000	44.75000	45.10000	-0.0090569	44.950	0.0	-972.11E-6	0.0	
	0.00000	44.85000	45.10000	-0.0087855	44.950	0.0	-962.11E-6	0.0	
	0.00000	44.95000	45.10000	-0.0085186	44.950	0.0	-952.25E-6	0.0	
	0.00000	45.05000	45.10000	-0.0082561	44.950	0.0	-942.52E-6	0.0	
	0.00000	45.15000	45.10000	-0.0079979	44.950	0.0	-932.92E-6	0.0	
	0.00000	45.25000	45.10000	-0.0077440	44.950	0.0	-923.46E-6	0.0	

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Displacement Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	0.00000	45.35000	45.10000	-0.0074942	44.950	0.0	-914.12E-6	0.0
	0.00000	45.45000	45.10000	-0.0072486	44.950	0.0	-904.90E-6	0.0
	0.00000	45.55000	45.10000	-0.0070070	44.950	0.0	-895.81E-6	0.0
	0.00000	45.65000	45.10000	-0.0067693	44.950	0.0	-886.84E-6	0.0
	0.00000	45.75000	45.10000	-0.0065357	44.950	0.0	-877.99E-6	0.0
	0.00000	45.85000	45.10000	-0.0063058	44.950	0.0	-869.25E-6	0.0
	0.00000	45.95000	45.10000	-0.0060798	44.950	0.0	-860.64E-6	0.0
	0.00000	46.05000	45.10000	-0.0058575	44.950	0.0	-852.13E-6	0.0
	0.00000	46.15000	45.10000	-0.0056389	44.950	0.0	-843.73E-6	0.0
	0.00000	46.25000	45.10000	-0.0054239	44.950	0.0	-835.45E-6	0.0
	0.00000	46.35000	45.10000	-0.0052125	44.950	0.0	-827.27E-6	0.0
	0.00000	46.45000	45.10000	-0.0050046	44.950	0.0	-819.20E-6	0.0
	0.00000	46.55000	45.10000	-0.0048001	44.950	0.0	-811.23E-6	0.0
	0.00000	46.65000	45.10000	-0.0045991	44.950	0.0	-803.37E-6	0.0
	0.00000	46.75000	45.10000	-0.0044014	44.950	0.0	-795.60E-6	0.0
	0.00000	46.85000	45.10000	-0.0042070	44.950	0.0	-787.94E-6	0.0
	0.00000	46.95000	45.10000	-0.0040159	44.950	0.0	-780.37E-6	0.0
	0.00000	47.05000	45.10000	-0.0038279	44.950	0.0	-772.90E-6	0.0
	0.00000	47.15000	45.10000	-0.0036431	44.950	0.0	-765.53E-6	0.0
	0.00000	47.25000	45.10000	-0.0034614	44.950	0.0	-758.24E-6	0.0
	0.00000	47.35000	45.10000	-0.0032827	44.950	0.0	-751.05E-6	0.0
	0.00000	47.45000	45.10000	-0.0031070	44.950	0.0	-743.95E-6	0.0
	0.00000	47.55000	45.10000	-0.0029343	44.950	0.0	-736.94E-6	0.0
	0.00000	47.65000	45.10000	-0.0027645	44.950	0.0	-730.02E-6	0.0
	0.00000	47.75000	45.10000	-0.0025976	44.950	0.0	-723.18E-6	0.0
	0.00000	47.85000	45.10000	-0.0024335	44.950	0.0	-716.43E-6	0.0
	0.00000	47.95000	45.10000	-0.0022721	44.950	0.0	-709.76E-6	0.0
	0.00000	48.05000	45.10000	-0.0021135	44.950	0.0	-703.17E-6	0.0
	0.00000	48.15000	45.10000	-0.0019576	44.950	0.0	-696.66E-6	0.0
	0.00000	48.25000	45.10000	-0.0018043	44.950	0.0	-690.24E-6	0.0
	0.00000	48.35000	45.10000	-0.0016536	44.950	0.0	-683.89E-6	0.0
Pad A	8.19500	8.25100	43.70000	-2.6866	43.650	-0.0022324	-0.19495	2.0173E-6
	8.19500	8.15100	43.70000	-2.6061	43.650	-0.0021892	-0.19276	1.9959E-6
	8.19500	8.05100	43.70000	-2.5325	43.650	-0.0021467	-0.19059	1.9745E-6
	8.19500	7.95100	43.70000	-2.4675	43.650	-0.0021049	-0.18843	1.9533E-6
	8.19500	7.85100	43.70000	-2.4120	43.650	-0.0020636	-0.18628	1.9323E-6
	8.19500	7.75100	43.70000	-2.3662	43.650	-0.0020231	-0.18416	1.9113E-6
	8.19500	7.65100	43.70000	-2.3296	43.650	-0.0019831	-0.18204	1.8905E-6
	8.19500	7.55100	43.70000	-2.3016	43.650	-0.0019439	-0.17995	1.8698E-6
	8.19500	7.45100	43.70000	-2.2811	43.650	-0.0019052	-0.17787	1.8493E-6
	8.19500	7.35100	43.70000	-2.2670	43.650	-0.0018672	-0.17580	1.8289E-6
	8.19500	7.25100	43.70000	-2.2583	43.650	-0.0018299	-0.17376	1.8087E-6
	8.19500	7.15100	43.70000	-2.2543	43.650	-0.0017932	-0.17173	1.7886E-6
	8.19500	7.05100	43.70000	-2.2542	43.650	-0.0017571	-0.16972	1.7686E-6
	8.19500	6.95100	43.70000	-2.2577	43.650	-0.0017217	-0.16773	1.7489E-6
	8.19500	6.85100	43.70000	-2.2644	43.650	-0.0016868	-0.16575	1.7292E-6
	8.19500	6.75100	43.70000	-2.2743	43.650	-0.0016527	-0.16380	1.7098E-6
	8.19500	6.65100	43.70000	-2.2874	43.650	-0.0016191	-0.16186	1.6905E-6
	8.19500	6.55100	43.70000	-2.3039	43.650	-0.0015861	-0.15994	1.6714E-6
	8.19500	6.45100	43.70000	-2.3245	43.650	-0.0015538	-0.15804	1.6524E-6
	8.19500	6.35100	43.70000	-2.3498	43.650	-0.0015220	-0.15616	1.6336E-6
	8.19500	6.25100	43.70000	-2.3812	43.650	-0.0014909	-0.15429	1.6150E-6
	8.19500	6.15100	43.70000	-2.4202	43.650	-0.0014603	-0.15245	1.5965E-6
	8.19500	6.05100	43.70000	-2.4693	43.650	-0.0014303	-0.15062	1.5782E-6
	8.19500	5.95100	43.70000	-2.5319	43.650	-0.0014009	-0.14881	1.5601E-6
	8.19500	5.85100	43.70000	-2.6124	43.650	-0.0013721	-0.14703	1.5422E-6
	8.19500	5.75100	43.70000	-2.7167	43.650	-0.0013438	-0.14526	1.5244E-6
	8.19500	5.65100	43.70000	-2.8521	43.650	-0.0013161	-0.14351	1.5068E-6
	8.19500	5.55100	43.70000	-3.0267	43.650	-0.0012889	-0.14178	1.4894E-6
	8.19500	5.45100	43.70000	-3.2483	43.650	-0.0012622	-0.14007	1.4721E-6
	8.19500	5.35100	43.70000	-3.5220	43.650	-0.0012361	-0.13837	1.4551E-6
	8.19500	5.25100	43.70000	-3.8473	43.650	-0.0012105	-0.13670	1.4382E-6
	8.19500	5.15100	43.70000	-4.2155	43.650	-0.0011855	-0.13504	1.4215E-6
	8.19500	5.05100	43.70000	-4.6096	43.650	-0.0011609	-0.13341	1.4049E-6
	8.19500	4.95100	43.70000	-5.0076	43.650	-0.0011368	-0.13179	1.3886E-6
	8.19500	4.85100	43.70000	-5.3868	43.650	-0.0011133	-0.13019	1.3724E-6
	8.19500	4.75100	43.70000	-5.7291	43.650	-0.0010902	-0.12861	1.3564E-6
	8.19500	4.65100	43.70000	-6.0234	43.650	-0.0010676	-0.12705	1.3405E-6
	8.19500	4.55100	43.70000	-6.2662	43.650	-0.0010454	-0.12551	1.3248E-6
	8.19500	4.45100	43.70000	-6.4600	43.650	-0.0010237	-0.12398	1.3093E-6
	8.19500	4.35100	43.70000	-6.6109	43.650	-0.0010025	-0.12248	1.2940E-6
	8.19500	4.25100	43.70000	-6.7265	43.650	-981.72E-6	-0.12099	1.2789E-6
	8.19500	4.15100	43.70000	-6.8142	43.650	-961.36E-6	-0.11952	1.2639E-6
	8.19500	4.05100	43.70000	-6.8802	43.650	-941.43E-6	-0.11807	1.2491E-6
	8.19500	3.95100	43.70000	-6.9296	43.650	-921.92E-6	-0.11663	1.2345E-6
	8.19500	3.85100	43.70000	-6.9662	43.650	-902.83E-6	-0.11522	1.2200E-6
	8.19500	3.75100	43.70000	-6.9929	43.650	-884.13E-6	-0.11382	1.2057E-6
	8.19500	3.65100	43.70000	-7.0118	43.650	-865.84E-6	-0.11243	1.1916E-6
	8.19500	3.55100	43.70000	-7.0244	43.650	-847.93E-6	-0.11107	1.1776E-6
	8.19500	3.45100	43.70000	-7.0317	43.650	-830.41E-6	-0.10972	1.1638E-6
	8.19500	3.35100	43.70000	-7.0344	43.650	-813.26E-6	-0.10839	1.1501E-6
	8.19500	3.25100	43.70000	-7.0330	43.650	-796.47E-6	-0.10708	1.1367E-6
	8.19500	3.15100	43.70000	-7.0277	43.650	-780.05E-6	-0.10578	1.1233E-6
	8.19500	3.05100	43.70000	-7.0187	43.650	-763.98E-6	-0.10450	1.1102E-6
	8.19500	2.95100	43.70000	-7.0059	43.650	-748.25E-6	-0.10324	1.0972E-6
	8.19500	2.85100	43.70000	-6.9890	43.650	-732.86E-6	-0.10199	1.0843E-6
	8.19500	2.75100	43.70000	-6.9676	43.650	-717.81E-6	-0.10076	1.0717E-6
	8.19500	2.65100	43.70000	-6.9411	43.650	-703.08E-6	-0.099540	1.0591E-6
	8.19500	2.55100	43.70000	-6.9084	43.650	-688.66E-6	-0.098340	1.0468E-6
	8.19500	2.45100	43.70000	-6.8682	43.650	-674.56E-6	-0.097155	1.0345E-6
	8.19500	2.35100	43.70000	-6.8184	43.650	-660.76E-6	-0.095986	1.0225E-6
	8.19500	2.25100	43.70000	-6.7563	43.650	-647.26E-6	-0.094832	1.0105E-6
	8.19500	2.15100	43.70000	-6.6779	43.650	-634.06E-6	-0.093693	0.0
	8.19500	2.05100	43.70000	-6.5782	43.650	-621.14E-6	-0.092568	0.0
	8.19500	1.95100	43.70000	-6.4504	43.650	-608.50E-6	-0.091459	0.0
	8.19500	1.85100	43.70000	-6.2863	43.650	-596.13E-6	-0.090364	0.0
	8.19500	1.75100	43.70000	-6.0768	43.650	-584.04E-6	-0.089283	0.0
	8.19500	1.65100	43.70000	-5.8137	43.650	-572.20E-6	-0.088217	0.0
	8.19500	1.55100	43.70000	-5.4923	43.650	-560.62E-6	-0.087165	0.0
	8.19500	1.45100	43.70000	-5.1158	43.650	-549.30E-6	-0.086127	0.0
	8.19500	1.35100	43.70000	-4.6979	43.650	-538.22E-6	-0.085102	0.0
	8.19500	1.25100	43.70000	-4.2624	43.650	-527.38E-6	-0.084091	0.0
	8.19500	1.15100	43.70000	-3.8380	43.650	-516.77E-6	-0.083093	0.0
	8.19500	1.05100	43.70000	-3.4496	43.650	-506.40E-6	-0.082109	0.0
	8.19500	0.95100	43.70000	-3.1128	43.650	-496.25E-6	-0.081138	0.0
	8.19500	0.85100	43.70000	-2.8322	43.650	-486.32E-6	-0.080180	0.0
	8.19500	0.75100	43.70000	-2.6043	43.650	-476.61E-6	-0.079234	0.0
	8.19500	0.65100	43.70000	-2.4211	43.650	-467.10E-6	-0.078301	0.0
	8.19500	0.55100	43.70000	-2.2736	43.650	-457.81E-6	-0.077380	0.0
	8.19500	0.45100	43.70000	-2.1534	43.650	-448.71E-6	-0.076472	0.0
	8.19500	0.35100	43.70000	-2.0538	43.650	-439.81E-6	-0.075576	0.0
	8.19500	0.25100	43.70000	-1.9693	43.650	-431.10E-6	-0.074692	0.0
	8.19500	0.15100	43.70000	-1.8960	43.650	-422.58E-6	-0.073819	0.0
	8.19500	0.05100	43.70000	-1.8312	43.650	-414.25E-6	-0.072959	0.0
	8.19500	-0.04900	43.70000	-1.7728	43.650	-406.10E-6	-0.072110	0.0
	8.19500	-0.14900	43.70000	-1.7193	43.650	-398.12E-6	-0.071272	0.0
	8.19500	-0.24900	43.70000	-1.6698	43.650	-390.31E-6	-0.070445	0.0
	8.19500	-0.34900	43.70000	-1.6236	43.650	-382.67E-6	-0.069629	0.0
	8.19500	-0.44900	43.70000	-1.5800	43.650	-375.20E-6	-0.068825	0.0
	8.19500	-0.54900	43.70000	-1.5387	43.650	-367.88E-6	-0.068031	0.0
	8.19500	-0.64900	43.70000	-1.4994	43.650	-360.73E-6	-0.067247	0.0
	8.19500	-0.74900	43.70000	-1.4618	43.650	-353.72E-6	-0.066475	0.0
	8.19500	-0.84900	43.70000	-1.4258	43.650	-346.87E-6	-0.065712	0.0
	8.19500	-0.94900	43.70000	-1.3911	43.650	-340.16E-6	-0.064960	0.0
	8.19500	-1.04900	43.70000	-1.3578	43.650	-333.60E-6	-0.064217	0.0
	8.19500	-1.14900	43.70000	-1.3255	43.650	-327.18E-6	-0.063485	0.0
	8.19500	-1.24900	43.70000	-1.2944	43.650	-320.89E-6	-0.062762	0.0
	8.19500	-1.34900	43.70000	-1.2643	43.650	-314.74E-6	-0.062049	0.0
	8.19500	-1.44900	43.70000	-1.2351	43.650	-308.72E-6	-0.061346	0.0
	8.19500	-1.54900	43.70000	-1.2069	43.650	-302.82E-6	-0.060652	0.0
	8.19500	-1.64900	43.70000	-1.1795	43.650	-297.05E-6	-0.059967	0.0
	8.19500	-1.74900	43.70000	-1.1529	43.650	-291.41E-6	-0.059291	0.0
	8.19500	-1.84900	43.70000	-1.1271	43.650	-285.88E-6	-0.058624	0.0
	8.19500	-1.94900	43.70000	-1.1020	43.650	-280.47E-6	-0.057966	0.0
	8.19500	-2.04900	43.70000	-1.0777	43.650	-275.18E-6	-0.057317	0.0
	8.19500	-2.14900	43.70000	-1.0541	43.650	-269.99E-6	-0.056677	0.0
	8.19500	-2.24900	43.70000	-1.0311	43.650	-264.92E-6	-0.056045	0.0
	8.19500	-2.34900	43.70000	-1.0088	43.650	-259.95E-6	-0.055421	0.0
	8.19500	-2.44900	43.70000	-0.98714	43.650	-255.08E-6	-0.054806	0.0
	8.19500	-2.54900	43.70000	-0.96605	43.650	-250.32E-6	-0.054198	0.0
	8.19500	-2.64900	43.70000	-0.94554	43.650	-245.66E-6	-0.053599	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Displacement Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	8.19500	-2.74900	43.70000	-0.92559	43.650	-241.09E-6	-0.053008	0.0
	8.19500	-2.84900	43.70000	-0.90617	43.650	-236.62E-6	-0.052424	0.0
	8.19500	-2.94900	43.70000	-0.88726	43.650	-232.25E-6	-0.051848	0.0
	8.19500	-3.04900	43.70000	-0.86885	43.650	-227.96E-6	-0.051280	0.0
	8.19500	-3.14900	43.70000	-0.85092	43.650	-223.76E-6	-0.050719	0.0
	8.19500	-3.24900	43.70000	-0.83345	43.650	-219.65E-6	-0.050166	0.0
	8.19500	-3.34900	43.70000	-0.81641	43.650	-215.63E-6	-0.049619	0.0
	8.19500	-3.44900	43.70000	-0.79981	43.650	-211.68E-6	-0.049080	0.0
	8.19500	-3.54900	43.70000	-0.78362	43.650	-207.82E-6	-0.048548	0.0
	8.19500	-3.64900	43.70000	-0.76782	43.650	-204.04E-6	-0.048023	0.0
	8.19500	-3.74900	43.70000	-0.75241	43.650	-200.33E-6	-0.047505	0.0
	8.19500	-3.84900	43.70000	-0.73736	43.650	-196.71E-6	-0.046994	0.0
	8.19500	-3.94900	43.70000	-0.72267	43.650	-193.15E-6	-0.046489	0.0
	8.19500	-4.04900	43.70000	-0.70832	43.650	-189.67E-6	-0.045991	0.0
	8.19500	-4.14900	43.70000	-0.69430	43.650	-186.26E-6	-0.045499	0.0
	8.19500	-4.24900	43.70000	-0.68061	43.650	-182.92E-6	-0.045013	0.0
	8.19500	-4.34900	43.70000	-0.66722	43.650	-179.64E-6	-0.044534	0.0
	8.19500	-4.44900	43.70000	-0.65413	43.650	-176.44E-6	-0.044061	0.0
	8.19500	-4.54900	43.70000	-0.64134	43.650	-173.29E-6	-0.043595	0.0
	8.19500	-4.64900	43.70000	-0.62882	43.650	-170.22E-6	-0.043134	0.0
	8.19500	-4.74900	43.70000	-0.61658	43.650	-167.20E-6	-0.042679	0.0
	8.19500	-4.84900	43.70000	-0.60460	43.650	-164.24E-6	-0.042230	0.0
	8.19500	-4.94900	43.70000	-0.59288	43.650	-161.34E-6	-0.041787	0.0
	8.19500	-5.04900	43.70000	-0.58141	43.650	-158.51E-6	-0.041349	0.0
	8.19500	-5.14900	43.70000	-0.57018	43.650	-155.72E-6	-0.040917	0.0
	8.19500	-5.24900	43.70000	-0.55918	43.650	-153.00E-6	-0.040491	0.0
	8.19500	-5.34900	43.70000	-0.54841	43.650	-150.32E-6	-0.040070	0.0
	8.19500	-5.44900	43.70000	-0.53787	43.650	-147.71E-6	-0.039654	0.0
	8.19500	-5.54900	43.70000	-0.52754	43.650	-145.14E-6	-0.039244	0.0
	8.19500	-5.64900	43.70000	-0.51743	43.650	-142.62E-6	-0.038838	0.0
	8.19500	-5.74900	43.70000	-0.50752	43.650	-140.15E-6	-0.038438	0.0
	8.19500	-5.84900	43.70000	-0.49781	43.650	-137.74E-6	-0.038043	0.0
	8.19500	-5.94900	43.70000	-0.48830	43.650	-135.37E-6	-0.037653	0.0
	8.19500	-6.04900	43.70000	-0.47898	43.650	-133.04E-6	-0.037268	0.0
	8.19500	-6.14900	43.70000	-0.46985	43.650	-130.76E-6	-0.036888	0.0
	8.19500	-6.24900	43.70000	-0.46090	43.650	-128.53E-6	-0.036513	0.0
	8.19500	-6.34900	43.70000	-0.45213	43.650	-126.34E-6	-0.036142	0.0
	8.19500	-6.44900	43.70000	-0.44354	43.650	-124.19E-6	-0.035776	0.0
	8.19500	-6.54900	43.70000	-0.43511	43.650	-122.08E-6	-0.035414	0.0
	8.19500	-6.64900	43.70000	-0.42685	43.650	-120.02E-6	-0.035057	0.0
	8.19500	-6.74900	43.70000	-0.41876	43.650	-117.99E-6	-0.034705	0.0
Pad B	12.07500	8.49700	43.70000	-2.7166	43.650	-780.20E-6	-0.10552	1.1205E-6
	12.07500	8.39700	43.70000	-2.6365	43.650	-770.60E-6	-0.10476	1.1126E-6
	12.07500	8.29700	43.70000	-2.5633	43.650	-761.05E-6	-0.10400	1.1048E-6
	12.07500	8.19700	43.70000	-2.4989	43.650	-751.54E-6	-0.10324	1.0970E-6
	12.07500	8.09700	43.70000	-2.4440	43.650	-742.08E-6	-0.10247	1.0891E-6
	12.07500	7.99700	43.70000	-2.3989	43.650	-732.67E-6	-0.10171	1.0813E-6
	12.07500	7.89700	43.70000	-2.3633	43.650	-723.32E-6	-0.10095	1.0734E-6
	12.07500	7.79700	43.70000	-2.3364	43.650	-714.02E-6	-0.10019	1.0656E-6
	12.07500	7.69700	43.70000	-2.3170	43.650	-704.78E-6	-0.099425	1.0577E-6
	12.07500	7.59700	43.70000	-2.3042	43.650	-695.60E-6	-0.098665	1.0499E-6
	12.07500	7.49700	43.70000	-2.2970	43.650	-686.49E-6	-0.097906	1.0421E-6
	12.07500	7.39700	43.70000	-2.2944	43.650	-677.44E-6	-0.097148	1.0343E-6
	12.07500	7.29700	43.70000	-2.2958	43.650	-668.46E-6	-0.096391	1.0264E-6
	12.07500	7.19700	43.70000	-2.3006	43.650	-659.54E-6	-0.095636	1.0187E-6
	12.07500	7.09700	43.70000	-2.3085	43.650	-650.70E-6	-0.094882	1.0109E-6
	12.07500	6.99700	43.70000	-2.3190	43.650	-641.92E-6	-0.094131	1.0031E-6
	12.07500	6.89700	43.70000	-2.3322	43.650	-633.22E-6	-0.093381	0.0
	12.07500	6.79700	43.70000	-2.3478	43.650	-624.59E-6	-0.092633	0.0
	12.07500	6.69700	43.70000	-2.3659	43.650	-616.04E-6	-0.091887	0.0
	12.07500	6.59700	43.70000	-2.3867	43.650	-607.56E-6	-0.091144	0.0
	12.07500	6.49700	43.70000	-2.4104	43.650	-599.16E-6	-0.090403	0.0
	12.07500	6.39700	43.70000	-2.4374	43.650	-590.84E-6	-0.089665	0.0
	12.07500	6.29700	43.70000	-2.4683	43.650	-582.60E-6	-0.088929	0.0
	12.07500	6.19700	43.70000	-2.5040	43.650	-574.43E-6	-0.088196	0.0
	12.07500	6.09700	43.70000	-2.5456	43.650	-566.35E-6	-0.087467	0.0
	12.07500	5.99700	43.70000	-2.5948	43.650	-558.35E-6	-0.086740	0.0
	12.07500	5.89700	43.70000	-2.6541	43.650	-550.43E-6	-0.086016	0.0
	12.07500	5.79700	43.70000	-2.7268	43.650	-542.59E-6	-0.085295	0.0
	12.07500	5.69700	43.70000	-2.8172	43.650	-534.83E-6	-0.084578	0.0
	12.07500	5.59700	43.70000	-2.9312	43.650	-527.16E-6	-0.083864	0.0
	12.07500	5.49700	43.70000	-3.0763	43.650	-519.57E-6	-0.083153	0.0
	12.07500	5.39700	43.70000	-3.2611	43.650	-512.07E-6	-0.082446	0.0
	12.07500	5.29700	43.70000	-3.4947	43.650	-504.64E-6	-0.081743	0.0
	12.07500	5.19700	43.70000	-3.7840	43.650	-497.31E-6	-0.081043	0.0
	12.07500	5.09700	43.70000	-4.1303	43.650	-490.05E-6	-0.080347	0.0
	12.07500	4.99700	43.70000	-4.5257	43.650	-482.89E-6	-0.079655	0.0
	12.07500	4.89700	43.70000	-4.9513	43.650	-475.80E-6	-0.078967	0.0
	12.07500	4.79700	43.70000	-5.3798	43.650	-468.80E-6	-0.078282	0.0
	12.07500	4.69700	43.70000	-5.7833	43.650	-461.89E-6	-0.077602	0.0
	12.07500	4.59700	43.70000	-6.1403	43.650	-455.06E-6	-0.076926	0.0
	12.07500	4.49700	43.70000	-6.4401	43.650	-448.31E-6	-0.076254	0.0
	12.07500	4.39700	43.70000	-6.6824	43.650	-441.65E-6	-0.075586	0.0
	12.07500	4.29700	43.70000	-6.8730	43.650	-435.07E-6	-0.074922	0.0
	12.07500	4.19700	43.70000	-7.0207	43.650	-428.57E-6	-0.074263	0.0
	12.07500	4.09700	43.70000	-7.1343	43.650	-422.16E-6	-0.073607	0.0
	12.07500	3.99700	43.70000	-7.2216	43.650	-415.83E-6	-0.072957	0.0
	12.07500	3.89700	43.70000	-7.2889	43.650	-409.58E-6	-0.072310	0.0
	12.07500	3.79700	43.70000	-7.3408	43.650	-403.41E-6	-0.071668	0.0
	12.07500	3.69700	43.70000	-7.3809	43.650	-397.33E-6	-0.071031	0.0
	12.07500	3.59700	43.70000	-7.4118	43.650	-391.33E-6	-0.070397	0.0
	12.07500	3.49700	43.70000	-7.4352	43.650	-385.40E-6	-0.069769	0.0
	12.07500	3.39700	43.70000	-7.4523	43.650	-379.56E-6	-0.069145	0.0
	12.07500	3.29700	43.70000	-7.4642	43.650	-373.80E-6	-0.068525	0.0
	12.07500	3.19700	43.70000	-7.4712	43.650	-368.11E-6	-0.067910	0.0
	12.07500	3.09700	43.70000	-7.4737	43.650	-362.51E-6	-0.067300	0.0
	12.07500	2.99700	43.70000	-7.4719	43.650	-356.98E-6	-0.066694	0.0
	12.07500	2.89700	43.70000	-7.4656	43.650	-351.53E-6	-0.066092	0.0
	12.07500	2.79700	43.70000	-7.4545	43.650	-346.16E-6	-0.065496	0.0
	12.07500	2.69700	43.70000	-7.4382	43.650	-340.86E-6	-0.064904	0.0
	12.07500	2.59700	43.70000	-7.4158	43.650	-335.64E-6	-0.064316	0.0
	12.07500	2.49700	43.70000	-7.3861	43.650	-330.49E-6	-0.063734	0.0
	12.07500	2.39700	43.70000	-7.3473	43.650	-325.42E-6	-0.063155	0.0
	12.07500	2.29700	43.70000	-7.2972	43.650	-320.41E-6	-0.062582	0.0
	12.07500	2.19700	43.70000	-7.2322	43.650	-315.49E-6	-0.062013	0.0
	12.07500	2.09700	43.70000	-7.1480	43.650	-310.63E-6	-0.061449	0.0
	12.07500	1.99700	43.70000	-7.0384	43.650	-305.85E-6	-0.060889	0.0
	12.07500	1.89700	43.70000	-6.8960	43.650	-301.13E-6	-0.060334	0.0
	12.07500	1.79700	43.70000	-6.7118	43.650	-296.49E-6	-0.059784	0.0
	12.07500	1.69700	43.70000	-6.4771	43.650	-291.91E-6	-0.059238	0.0
	12.07500	1.59700	43.70000	-6.1851	43.650	-287.40E-6	-0.058697	0.0
	12.07500	1.49700	43.70000	-5.8350	43.650	-282.96E-6	-0.058161	0.0
	12.07500	1.39700	43.70000	-5.4355	43.650	-278.59E-6	-0.057629	0.0
	12.07500	1.29700	43.70000	-5.0065	43.650	-274.28E-6	-0.057102	0.0
	12.07500	1.19700	43.70000	-4.5754	43.650	-270.04E-6	-0.056579	0.0
	12.07500	1.09700	43.70000	-4.1699	43.650	-265.86E-6	-0.056061	0.0
	12.07500	0.99700	43.70000	-3.8105	43.650	-261.74E-6	-0.055547	0.0
	12.07500	0.89700	43.70000	-3.5071	43.650	-257.69E-6	-0.055038	0.0
	12.07500	0.79700	43.70000	-3.2592	43.650	-253.70E-6	-0.054534	0.0
	12.07500	0.69700	43.70000	-3.0606	43.650	-249.77E-6	-0.054034	0.0
	12.07500	0.59700	43.70000	-2.9025	43.650	-245.90E-6	-0.053538	0.0
	12.07500	0.49700	43.70000	-2.7759	43.650	-242.09E-6	-0.053047	0.0
	12.07500	0.39700	43.70000	-2.6732	43.650	-238.34E-6	-0.052560	0.0
	12.07500	0.29700	43.70000	-2.5883	43.650	-234.65E-6	-0.052078	0.0
	12.07500	0.19700	43.70000	-2.5163	43.650	-231.02E-6	-0.051600	0.0
	12.07500	0.09700	43.70000	-2.4540	43.650	-227.44E-6	-0.051127	0.0
	12.07500	-0.00300	43.70000	-2.3987	43.650	-223.92E-6	-0.050658	0.0
	12.07500	-0.10300	43.70000	-2.3486	43.650	-220.45E-6	-0.050193	0.0
	12.07500	-0.20300	43.70000	-2.3025	43.650	-217.04E-6	-0.049732	0.0
	12.07500	-0.30300	43.70000	-2.2593	43.650	-213.68E-6	-0.049276	0.0
	12.07500	-0.40300	43.70000	-2.2184	43.650	-210.38E-6	-0.048824	0.0
	12.07500	-0.50300	43.70000	-2.1793	43.650	-207.12E-6	-0.048377	0.0
	12.07500	-0.60300	43.70000	-2.1417	43.650	-203.92E-6	-0.047933	0.0
	12.07500	-0.70300	43.70000	-2.1052	43.650	-200.77E-6	-0.047494	0.0
	12.07500	-0.80300	43.70000	-2.0696	43.650	-197.67E-6	-0.047059	0.0
	12.07500	-0.90300	43.70000	-2.0349	43.650	-194.62E-6	-0.046628	0.0
	12.07500	-1.00300	43.70000	-2.0009	43.650	-191.61E-6	-0.046201	0.0
	12.07500	-1.10300	43.70000	-1.9675	43.650	-188.66E-6	-0.045778	0.0
	12.07500	-1.20300	43.70000	-1.9346	43.650	-185.75E-6	-0.045359	0.0
	12.07500	-1.30300	43.70000	-1.9022	43.650	-182.89E-6	-0.044944	0.0
	12.07500	-1.40300	43.70000	-1.8702	43.650	-180.07E-6	-0.044534	0.0

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Displacement Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	12.07500	-1.50300	43.70000	-1.8386	43.650	-177.30E-6	-0.044127	0.0
	12.07500	-1.60300	43.70000	-1.8074	43.650	-174.57E-6	-0.043724	0.0
	12.07500	-1.70300	43.70000	-1.7765	43.650	-171.89E-6	-0.043325	0.0
	12.07500	-1.80300	43.70000	-1.7460	43.650	-169.25E-6	-0.042930	0.0
	12.07500	-1.90300	43.70000	-1.7157	43.650	-166.65E-6	-0.042539	0.0
	12.07500	-2.00300	43.70000	-1.6856	43.650	-164.09E-6	-0.042151	0.0
	12.07500	-2.10300	43.70000	-1.6558	43.650	-161.58E-6	-0.041768	0.0
	12.07500	-2.20300	43.70000	-1.6262	43.650	-159.11E-6	-0.041388	0.0
	12.07500	-2.30300	43.70000	-1.5968	43.650	-156.67E-6	-0.041012	0.0
	12.07500	-2.40300	43.70000	-1.5676	43.650	-154.28E-6	-0.040639	0.0
	12.07500	-2.50300	43.70000	-1.5385	43.650	-151.92E-6	-0.040270	0.0
	12.07500	-2.60300	43.70000	-1.5096	43.650	-149.60E-6	-0.039905	0.0
	12.07500	-2.70300	43.70000	-1.4808	43.650	-147.32E-6	-0.039544	0.0
	12.07500	-2.80300	43.70000	-1.4520	43.650	-145.08E-6	-0.039186	0.0
	12.07500	-2.90300	43.70000	-1.4234	43.650	-142.87E-6	-0.038831	0.0
	12.07500	-3.00300	43.70000	-1.3948	43.650	-140.70E-6	-0.038481	0.0
	12.07500	-3.10300	43.70000	-1.3662	43.650	-138.56E-6	-0.038133	0.0
	12.07500	-3.20300	43.70000	-1.3378	43.650	-136.46E-6	-0.037789	0.0
	12.07500	-3.30300	43.70000	-1.3094	43.650	-134.39E-6	-0.037449	0.0
	12.07500	-3.40300	43.70000	-1.2810	43.650	-132.36E-6	-0.037112	0.0
	12.07500	-3.50300	43.70000	-1.2528	43.650	-130.35E-6	-0.036778	0.0
	12.07500	-3.60300	43.70000	-1.2248	43.650	-128.38E-6	-0.036447	0.0
	12.07500	-3.70300	43.70000	-1.1969	43.650	-126.45E-6	-0.036120	0.0
	12.07500	-3.80300	43.70000	-1.1693	43.650	-124.54E-6	-0.035796	0.0
	12.07500	-3.90300	43.70000	-1.1419	43.650	-122.67E-6	-0.035476	0.0
	12.07500	-4.00300	43.70000	-1.1149	43.650	-120.82E-6	-0.035158	0.0
	12.07500	-4.10300	43.70000	-1.0883	43.650	-119.01E-6	-0.034844	0.0
	12.07500	-4.20300	43.70000	-1.0621	43.650	-117.22E-6	-0.034533	0.0
	12.07500	-4.30300	43.70000	-1.0363	43.650	-115.46E-6	-0.034225	0.0
	12.07500	-4.40300	43.70000	-1.0111	43.650	-113.74E-6	-0.033920	0.0
	12.07500	-4.50300	43.70000	-0.98636	43.650	-112.04E-6	-0.033618	0.0
	12.07500	-4.60300	43.70000	-0.96218	43.650	-110.36E-6	-0.033320	0.0
	12.07500	-4.70300	43.70000	-0.93853	43.650	-108.72E-6	-0.033024	0.0
	12.07500	-4.80300	43.70000	-0.91542	43.650	-107.10E-6	-0.032731	0.0
	12.07500	-4.90300	43.70000	-0.89286	43.650	-105.51E-6	-0.032441	0.0
	12.07500	-5.00300	43.70000	-0.87083	43.650	-103.94E-6	-0.032155	0.0
	12.07500	-5.10300	43.70000	-0.84934	43.650	-102.40E-6	-0.031871	0.0
	12.07500	-5.20300	43.70000	-0.82837	43.650	-100.88E-6	-0.031589	0.0
	12.07500	-5.30300	43.70000	-0.80791	43.650	-99.387E-6	-0.031311	0.0
	12.07500	-5.40300	43.70000	-0.78797	43.650	-97.919E-6	-0.031036	0.0
	12.07500	-5.50300	43.70000	-0.76852	43.650	-96.475E-6	-0.030763	0.0
	12.07500	-5.60300	43.70000	-0.74956	43.650	-95.053E-6	-0.030493	0.0
	12.07500	-5.70300	43.70000	-0.73109	43.650	-93.655E-6	-0.030226	0.0
	12.07500	-5.80300	43.70000	-0.71309	43.650	-92.279E-6	-0.029961	0.0
	12.07500	-5.90300	43.70000	-0.69555	43.650	-90.925E-6	-0.029699	0.0
	12.07500	-6.00300	43.70000	-0.67848	43.650	-89.593E-6	-0.029440	0.0
	12.07500	-6.10300	43.70000	-0.66186	43.650	-88.283E-6	-0.029183	0.0
	12.07500	-6.20300	43.70000	-0.64567	43.650	-86.993E-6	-0.028929	0.0
	12.07500	-6.30300	43.70000	-0.62992	43.650	-85.724E-6	-0.028678	0.0
	12.07500	-6.40300	43.70000	-0.61459	43.650	-84.476E-6	-0.028429	0.0
	12.07500	-6.50300	43.70000	-0.59968	43.650	-83.248E-6	-0.028183	0.0
Pad C	15.88900	8.25100	43.70000	-2.5644	43.650	-305.86E-6	-0.060794	0.0
	15.88900	8.15100	43.70000	-2.4694	43.650	-303.19E-6	-0.060481	0.0
	15.88900	8.05100	43.70000	-2.3816	43.650	-300.52E-6	-0.060167	0.0
	15.88900	7.95100	43.70000	-2.3027	43.650	-297.85E-6	-0.059851	0.0
	15.88900	7.85100	43.70000	-2.2335	43.650	-295.18E-6	-0.059535	0.0
	15.88900	7.75100	43.70000	-2.1743	43.650	-292.52E-6	-0.059217	0.0
	15.88900	7.65100	43.70000	-2.1247	43.650	-289.85E-6	-0.058899	0.0
	15.88900	7.55100	43.70000	-2.0838	43.650	-287.20E-6	-0.058580	0.0
	15.88900	7.45100	43.70000	-2.0506	43.650	-284.54E-6	-0.058260	0.0
	15.88900	7.35100	43.70000	-2.0240	43.650	-281.89E-6	-0.057940	0.0
	15.88900	7.25100	43.70000	-2.0032	43.650	-279.24E-6	-0.057618	0.0
	15.88900	7.15100	43.70000	-1.9871	43.650	-276.60E-6	-0.057297	0.0
	15.88900	7.05100	43.70000	-1.9751	43.650	-273.97E-6	-0.056974	0.0
	15.88900	6.95100	43.70000	-1.9667	43.650	-271.34E-6	-0.056652	0.0
	15.88900	6.85100	43.70000	-1.9614	43.650	-268.72E-6	-0.056329	0.0
	15.88900	6.75100	43.70000	-1.9590	43.650	-266.11E-6	-0.056005	0.0
	15.88900	6.65100	43.70000	-1.9594	43.650	-263.51E-6	-0.055681	0.0
	15.88900	6.55100	43.70000	-1.9626	43.650	-260.92E-6	-0.055358	0.0
	15.88900	6.45100	43.70000	-1.9686	43.650	-258.33E-6	-0.055033	0.0
	15.88900	6.35100	43.70000	-1.9778	43.650	-255.76E-6	-0.054709	0.0
	15.88900	6.25100	43.70000	-1.9905	43.650	-253.19E-6	-0.054385	0.0
	15.88900	6.15100	43.70000	-2.0075	43.650	-250.64E-6	-0.054061	0.0
	15.88900	6.05100	43.70000	-2.0296	43.650	-248.10E-6	-0.053737	0.0
	15.88900	5.95100	43.70000	-2.0585	43.650	-245.56E-6	-0.053413	0.0
	15.88900	5.85100	43.70000	-2.0960	43.650	-243.05E-6	-0.053089	0.0
	15.88900	5.75100	43.70000	-2.1450	43.650	-240.54E-6	-0.052765	0.0
	15.88900	5.65100	43.70000	-2.2096	43.650	-238.04E-6	-0.052441	0.0
	15.88900	5.55100	43.70000	-2.2948	43.650	-235.56E-6	-0.052118	0.0
	15.88900	5.45100	43.70000	-2.4072	43.650	-233.10E-6	-0.051795	0.0
	15.88900	5.35100	43.70000	-2.5542	43.650	-230.64E-6	-0.051473	0.0
	15.88900	5.25100	43.70000	-2.7431	43.650	-228.20E-6	-0.051151	0.0
	15.88900	5.15100	43.70000	-2.9784	43.650	-225.78E-6	-0.050829	0.0
	15.88900	5.05100	43.70000	-3.2584	43.650	-223.36E-6	-0.050508	0.0
	15.88900	4.95100	43.70000	-3.5731	43.650	-220.97E-6	-0.050187	0.0
	15.88900	4.85100	43.70000	-3.9034	43.650	-218.59E-6	-0.049867	0.0
	15.88900	4.75100	43.70000	-4.2258	43.650	-216.22E-6	-0.049548	0.0
	15.88900	4.65100	43.70000	-4.5191	43.650	-213.87E-6	-0.049229	0.0
	15.88900	4.55100	43.70000	-4.7702	43.650	-211.54E-6	-0.048911	0.0
	15.88900	4.45100	43.70000	-4.9750	43.650	-209.22E-6	-0.048594	0.0
	15.88900	4.35100	43.70000	-5.1364	43.650	-206.92E-6	-0.048278	0.0
	15.88900	4.25100	43.70000	-5.2611	43.650	-204.63E-6	-0.047962	0.0
	15.88900	4.15100	43.70000	-5.3566	43.650	-202.36E-6	-0.047647	0.0
	15.88900	4.05100	43.70000	-5.4300	43.650	-200.11E-6	-0.047333	0.0
	15.88900	3.95100	43.70000	-5.4867	43.650	-197.87E-6	-0.047020	0.0
	15.88900	3.85100	43.70000	-5.5312	43.650	-195.66E-6	-0.046708	0.0
	15.88900	3.75100	43.70000	-5.5666	43.650	-193.45E-6	-0.046397	0.0
	15.88900	3.65100	43.70000	-5.5954	43.650	-191.27E-6	-0.046087	0.0
	15.88900	3.55100	43.70000	-5.6190	43.650	-189.11E-6	-0.045778	0.0
	15.88900	3.45100	43.70000	-5.6387	43.650	-186.96E-6	-0.045470	0.0
	15.88900	3.35100	43.70000	-5.6553	43.650	-184.83E-6	-0.045163	0.0
	15.88900	3.25100	43.70000	-5.6695	43.650	-182.71E-6	-0.044857	0.0
	15.88900	3.15100	43.70000	-5.6816	43.650	-180.62E-6	-0.044552	0.0
	15.88900	3.05100	43.70000	-5.6919	43.650	-178.54E-6	-0.044249	0.0
	15.88900	2.95100	43.70000	-5.7006	43.650	-176.48E-6	-0.043946	0.0
	15.88900	2.85100	43.70000	-5.7079	43.650	-174.44E-6	-0.043645	0.0
	15.88900	2.75100	43.70000	-5.7139	43.650	-172.42E-6	-0.043345	0.0
	15.88900	2.65100	43.70000	-5.7188	43.650	-170.41E-6	-0.043046	0.0
	15.88900	2.55100	43.70000	-5.7224	43.650	-168.42E-6	-0.042749	0.0
	15.88900	2.45100	43.70000	-5.7250	43.650	-166.46E-6	-0.042453	0.0
	15.88900	2.35100	43.70000	-5.7266	43.650	-164.51E-6	-0.042158	0.0
	15.88900	2.25100	43.70000	-5.7271	43.650	-162.57E-6	-0.041864	0.0
	15.88900	2.15100	43.70000	-5.7267	43.650	-160.66E-6	-0.041572	0.0
	15.88900	2.05100	43.70000	-5.7253	43.650	-158.76E-6	-0.041281	0.0
	15.88900	1.95100	43.70000	-5.7229	43.650	-156.89E-6	-0.040992	0.0
	15.88900	1.85100	43.70000	-5.7197	43.650	-155.03E-6	-0.040704	0.0
	15.88900	1.75100	43.70000	-5.7156	43.650	-153.19E-6	-0.040417	0.0
	15.88900	1.65100	43.70000	-5.7105	43.650	-151.36E-6	-0.040132	0.0
	15.88900	1.55100	43.70000	-5.7046	43.650	-149.56E-6	-0.039848	0.0
	15.88900	1.45100	43.70000	-5.6979	43.650	-147.77E-6	-0.039566	0.0
	15.88900	1.35100	43.70000	-5.6904	43.650	-146.00E-6	-0.039285	0.0
	15.88900	1.25100	43.70000	-5.6822	43.650	-144.25E-6	-0.039005	0.0
	15.88900	1.15100	43.70000	-5.6733	43.650	-142.52E-6	-0.038727	0.0
	15.88900	1.05100	43.70000	-5.6638	43.650	-140.80E-6	-0.038451	0.0
	15.88900	0.95100	43.70000	-5.6537	43.650	-139.11E-6	-0.038176	0.0
	15.88900	0.85100	43.70000	-5.6430	43.650	-137.43E-6	-0.037902	0.0
	15.88900	0.75100	43.70000	-5.6318	43.650	-135.77E-6	-0.037630	0.0
	15.88900	0.65100	43.70000	-5.6201	43.650	-134.12E-6	-0.037360	0.0
	15.88900	0.55100	43.70000	-5.6078	43.650	-132.49E-6	-0.037091	0.0
	15.88900	0.45100	43.70000	-5.5951	43.650	-130.89E-6	-0.036823	0.0
	15.88900	0.35100	43.70000	-5.5818	43.650	-129.29E-6	-0.036557	0.0
	15.88900	0.25100	43.70000	-5.5680	43.650	-127.72E-6	-0.036293	0.0
	15.88900	0.15100	43.70000	-5.5537	43.650	-126.16E-6	-0.036030	0.0
	15.88900	0.05100	43.70000	-5.5389	43.650	-124.62E-6	-0.035769	0.0
	15.88900	-0.04900	43.70000	-5.5236	43.650	-123.10E-6	-0.035509	0.0
	15.88900	-0.14900	43.70000	-5.5077	43.650	-121.59E-6	-0.035251	0.0
	15.88900	-0.24900	43.70000	-5.4914	43.650	-120.10E-6	-0.034995	0.0
	15.88900	-0.34900	43.70000	-5.4744	43.650	-118.63E-6	-0.034740	0.0
	15.88900	-0.44900	43.70000	-5.4570	43.650	-117.17E-6	-0.034487	0.0
	15.88900	-0.54900	43.70000	-5.4390	43.650	-115.73E-6	-0.034235	0.0
	15.88900	-0.64900	43.70000	-5.4205	43.650	-114.31E-6	-0.033985	0.0

Name	Location			Displacement	Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	15.88900	-0.74900	43.70000	-5.4015	43.650	-112.90E-6	-0.033736	0.0
	15.88900	-0.84900	43.70000	-5.3821	43.650	-111.51E-6	-0.033489	0.0
	15.88900	-0.94900	43.70000	-5.3622	43.650	-110.14E-6	-0.033244	0.0
	15.88900	-1.04900	43.70000	-5.3419	43.650	-108.78E-6	-0.033000	0.0
	15.88900	-1.14900	43.70000	-5.3210	43.650	-107.43E-6	-0.032758	0.0
	15.88900	-1.24900	43.70000	-5.2997	43.650	-106.11E-6	-0.032517	0.0
	15.88900	-1.34900	43.70000	-5.2778	43.650	-104.79E-6	-0.032278	0.0
	15.88900	-1.44900	43.70000	-5.2553	43.650	-103.50E-6	-0.032040	0.0
	15.88900	-1.54900	43.70000	-5.2321	43.650	-102.22E-6	-0.031805	0.0
	15.88900	-1.64900	43.70000	-5.2083	43.650	-100.95E-6	-0.031570	0.0
	15.88900	-1.74900	43.70000	-5.1837	43.650	-99.698E-6	-0.031338	0.0
	15.88900	-1.84900	43.70000	-5.1582	43.650	-98.461E-6	-0.031106	0.0
	15.88900	-1.94900	43.70000	-5.1318	43.650	-97.239E-6	-0.030877	0.0
	15.88900	-2.04900	43.70000	-5.1043	43.650	-96.032E-6	-0.030649	0.0
	15.88900	-2.14900	43.70000	-5.0754	43.650	-94.840E-6	-0.030423	0.0
	15.88900	-2.24900	43.70000	-5.0450	43.650	-93.661E-6	-0.030198	0.0
	15.88900	-2.34900	43.70000	-5.0125	43.650	-92.497E-6	-0.029974	0.0
	15.88900	-2.44900	43.70000	-4.9774	43.650	-91.347E-6	-0.029753	0.0
	15.88900	-2.54900	43.70000	-4.9390	43.650	-90.211E-6	-0.029533	0.0
	15.88900	-2.64900	43.70000	-4.8961	43.650	-89.089E-6	-0.029314	0.0
	15.88900	-2.74900	43.70000	-4.8472	43.650	-87.981E-6	-0.029097	0.0
	15.88900	-2.84900	43.70000	-4.7902	43.650	-86.886E-6	-0.028882	0.0
	15.88900	-2.94900	43.70000	-4.7220	43.650	-85.805E-6	-0.028668	0.0
	15.88900	-3.04900	43.70000	-4.6386	43.650	-84.736E-6	-0.028455	0.0
	15.88900	-3.14900	43.70000	-4.5345	43.650	-83.682E-6	-0.028245	0.0
	15.88900	-3.24900	43.70000	-4.4033	43.650	-82.640E-6	-0.028035	0.0
	15.88900	-3.34900	43.70000	-4.2373	43.650	-81.611E-6	-0.027827	0.0
	15.88900	-3.44900	43.70000	-4.0294	43.650	-80.594E-6	-0.027621	0.0
	15.88900	-3.54900	43.70000	-3.7755	43.650	-79.591E-6	-0.027416	0.0
	15.88900	-3.64900	43.70000	-3.4778	43.650	-78.600E-6	-0.027213	0.0
	15.88900	-3.74900	43.70000	-3.1473	43.650	-77.621E-6	-0.027011	0.0
	15.88900	-3.84900	43.70000	-2.8035	43.650	-76.655E-6	-0.026811	0.0
	15.88900	-3.94900	43.70000	-2.4699	43.650	-75.700E-6	-0.026612	0.0
	15.88900	-4.04900	43.70000	-2.1670	43.650	-74.758E-6	-0.026415	0.0
	15.88900	-4.14900	43.70000	-1.9071	43.650	-73.828E-6	-0.026219	0.0
	15.88900	-4.24900	43.70000	-1.6935	43.650	-72.909E-6	-0.026025	0.0
	15.88900	-4.34900	43.70000	-1.5227	43.650	-72.002E-6	-0.025832	0.0
	15.88900	-4.44900	43.70000	-1.3879	43.650	-71.106E-6	-0.025641	0.0
	15.88900	-4.54900	43.70000	-1.2814	43.650	-70.222E-6	-0.025451	0.0
	15.88900	-4.64900	43.70000	-1.1966	43.650	-69.349E-6	-0.025262	0.0
	15.88900	-4.74900	43.70000	-1.1278	43.650	-68.487E-6	-0.025075	0.0
	15.88900	-4.84900	43.70000	-1.0707	43.650	-67.635E-6	-0.024890	0.0
	15.88900	-4.94900	43.70000	-1.0224	43.650	-66.795E-6	-0.024705	0.0
	15.88900	-5.04900	43.70000	-0.98044	43.650	-65.966E-6	-0.024522	0.0
	15.88900	-5.14900	43.70000	-0.94326	43.650	-65.147E-6	-0.024341	0.0
	15.88900	-5.24900	43.70000	-0.90970	43.650	-64.338E-6	-0.024161	0.0
	15.88900	-5.34900	43.70000	-0.87893	43.650	-63.540E-6	-0.023982	0.0
	15.88900	-5.44900	43.70000	-0.85038	43.650	-62.752E-6	-0.023805	0.0
	15.88900	-5.54900	43.70000	-0.82362	43.650	-61.974E-6	-0.023629	0.0
	15.88900	-5.64900	43.70000	-0.79834	43.650	-61.206E-6	-0.023455	0.0
	15.88900	-5.74900	43.70000	-0.77433	43.650	-60.448E-6	-0.023282	0.0
	15.88900	-5.84900	43.70000	-0.75142	43.650	-59.700E-6	-0.023110	0.0
	15.88900	-5.94900	43.70000	-0.72948	43.650	-58.962E-6	-0.022939	0.0
	15.88900	-6.04900	43.70000	-0.70844	43.650	-58.233E-6	-0.022770	0.0
	15.88900	-6.14900	43.70000	-0.68821	43.650	-57.513E-6	-0.022603	0.0
	15.88900	-6.24900	43.70000	-0.66874	43.650	-56.802E-6	-0.022436	0.0
	15.88900	-6.34900	43.70000	-0.64998	43.650	-56.101E-6	-0.022271	0.0
	15.88900	-6.44900	43.70000	-0.63190	43.650	-55.409E-6	-0.022107	0.0
	15.88900	-6.54900	43.70000	-0.61446	43.650	-54.726E-6	-0.021944	0.0
	15.88900	-6.64900	43.70000	-0.59763	43.650	-54.051E-6	-0.021783	0.0
	15.88900	-6.74900	43.70000	-0.58139	43.650	-53.386E-6	-0.021623	0.0
	15.88900	-6.84900	43.70000	-0.56570	43.650	-52.729E-6	-0.021464	0.0
	15.88900	-6.94900	43.70000	-0.55056	43.650	-52.080E-6	-0.021307	0.0
	15.88900	-7.04900	43.70000	-0.53593	43.650	-51.440E-6	-0.021151	0.0
	15.88900	-7.14900	43.70000	-0.52180	43.650	-50.808E-6	-0.020996	0.0
	15.88900	-7.24900	43.70000	-0.50815	43.650	-50.185E-6	-0.020842	0.0
	15.88900	-7.34900	43.70000	-0.49495	43.650	-49.569E-6	-0.020690	0.0
	15.88900	-7.44900	43.70000	-0.48220	43.650	-48.962E-6	-0.020538	0.0
	15.88900	-7.54900	43.70000	-0.46987	43.650	-48.362E-6	-0.020388	0.0
	15.88900	-7.64900	43.70000	-0.45794	43.650	-47.770E-6	-0.020239	0.0
	15.88900	-7.74900	43.70000	-0.44641	43.650	-47.186E-6	-0.020092	0.0
	15.88900	-7.84900	43.70000	-0.43526	43.650	-46.610E-6	-0.019945	0.0
	15.88900	-7.94900	43.70000	-0.42446	43.650	-46.040E-6	-0.019800	0.0
	15.88900	-8.04900	43.70000	-0.41401	43.650	-45.479E-6	-0.019656	0.0
	15.88900	-8.14900	43.70000	-0.40389	43.650	-44.925E-6	-0.019513	0.0
	15.88900	-8.24900	43.70000	-0.39409	43.650	-44.377E-6	-0.019371	0.0
	15.88900	-8.34900	43.70000	-0.38459	43.650	-43.837E-6	-0.019230	0.0
	15.88900	-8.44900	43.70000	-0.37539	43.650	-43.304E-6	-0.019091	0.0
	15.88900	-8.54900	43.70000	-0.36647	43.650	-42.778E-6	-0.018952	0.0
	15.88900	-8.64900	43.70000	-0.35782	43.650	-42.259E-6	-0.018815	0.0
	15.88900	-8.74900	43.70000	-0.34944	43.650	-41.747E-6	-0.018679	0.0
	15.88900	-8.84900	43.70000	-0.34130	43.650	-41.241E-6	-0.018544	0.0
	15.88900	-8.94900	43.70000	-0.33340	43.650	-40.742E-6	-0.018410	0.0
	15.88900	-9.04900	43.70000	-0.32573	43.650	-40.249E-6	-0.018277	0.0
	15.88900	-9.14900	43.70000	-0.31829	43.650	-39.763E-6	-0.018145	0.0
	15.88900	-9.24900	43.70000	-0.31106	43.650	-39.283E-6	-0.018014	0.0
	15.88900	-9.34900	43.70000	-0.30403	43.650	-38.809E-6	-0.017884	0.0
	15.88900	-9.44900	43.70000	-0.29720	43.650	-38.342E-6	-0.017756	0.0
	15.88900	-9.54900	43.70000	-0.29056	43.650	-37.880E-6	-0.017628	0.0
	15.88900	-9.64900	43.70000	-0.28411	43.650	-37.425E-6	-0.017502	0.0
	15.88900	-9.74900	43.70000	-0.27783	43.650	-36.976E-6	-0.017376	0.0
	15.88900	-9.84900	43.70000	-0.27172	43.650	-36.532E-6	-0.017252	0.0
	15.88900	-9.94900	43.70000	-0.26577	43.650	-36.094E-6	-0.017128	0.0
	15.88900	-10.04900	43.70000	-0.25998	43.650	-35.662E-6	-0.017006	0.0
	15.88900	-10.14900	43.70000	-0.25435	43.650	-35.235E-6	-0.016884	0.0
	15.88900	-10.24900	43.70000	-0.24886	43.650	-34.814E-6	-0.016764	0.0
	15.88900	-10.34900	43.70000	-0.24351	43.650	-34.399E-6	-0.016644	0.0
	15.88900	-10.44900	43.70000	-0.23831	43.650	-33.989E-6	-0.016526	0.0
	15.88900	-10.54900	43.70000	-0.23323	43.650	-33.584E-6	-0.016408	0.0
	15.88900	-10.64900	43.70000	-0.22828	43.650	-33.184E-6	-0.016291	0.0
	15.88900	-10.74900	43.70000	-0.22346	43.650	-32.790E-6	-0.016176	0.0
	15.88900	-10.84900	43.70000	-0.21875	43.650	-32.401E-6	-0.016061	0.0
	15.88900	-10.94900	43.70000	-0.21416	43.650	-32.016E-6	-0.015947	0.0
	15.88900	-11.04900	43.70000	-0.20969	43.650	-31.637E-6	-0.015834	0.0
	15.88900	-11.14900	43.70000	-0.20532	43.650	-31.263E-6	-0.015722	0.0
	15.88900	-11.24900	43.70000	-0.20106	43.650	-30.893E-6	-0.015611	0.0
	15.88900	-11.34900	43.70000	-0.19690	43.650	-30.529E-6	-0.015501	0.0
	15.88900	-11.44900	43.70000	-0.19283	43.650	-30.169E-6	-0.015392	0.0
	15.88900	-11.54900	43.70000	-0.18887	43.650	-29.813E-6	-0.015284	0.0
	15.88900	-11.64900	43.70000	-0.18499	43.650	-29.463E-6	-0.015176	0.0
	15.88900	-11.74900	43.70000	-0.18121	43.650	-29.116E-6	-0.015069	0.0

Analysis Options

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: 15.00 [m OD]
Stiffness for horizontal displacement calculations: Weighted average
Using legacy heave correction factor: No
Displacements at load centroids: Yes

Soil ProfilesSoil Profile 1

Layer	Level at top [mOD]	Number of intermediate displacement levels	Youngs Modulus Top [kN/m²]	Youngs Modulus Btm [kN/m²]	Poissons ratio	Non-linear curve
1	46.100	5	15000.	15000.	0.20000	None
2	44.500	5	18000.	18000.	0.20000	None
3	43.500	5	18000.	146250.	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	1	-10.00000	40.00000	-15.00000	55.00000	Soil Profile 1

Non-linear Curve Coordinates - Non-linear Curve 1

Point	Strain [%]	Factor

Load Data

Load ref.	Name	Shape	Orientation of Plane	Load position: Centre of load (Global) X [m]	Y [m]	Z (level) [m]	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	Porters Lodge Demolition	Polygonal	Horizontal	N/A	N/A	45.00000	N/A	N/A	N/A	(-1.06,19.1) (-1.06,13.4) (-8.06,13.4) (-8.06,19.1)	10.000	1	-30.000	N/A	N/A

Polygonal Loads' Rectangles

No.	Centre of load X [m]	Centre of load Y [m]	Angle of local x from global X [Degrees]	Width x [m]	Depth y [m]
Load 1 : Porters Lodge Demolition					
(Edge 2 optimal)					
1	-4.56400	16.25700	-90.000	5.7500	7.0000

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]	Calculate	Show Detailed results
1	Line	Porters Lodge	N/A	-4.56400	19.13200	45.00000	-4.56400	34.13200	45.00000	150	N/A	N/A	Yes	No	
2	Grid	Grid 2	Global X	-30.00000	-30.00000	46.10000	N/A	70.00000	46.10000	90	90.00000	100	No	N/A	

Warnings

(1)One or more displacement grids or lines have numbers of intervals of at least 100. Large numbers of intervals will slow the analysis.

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Horizontal rigid boundary level: 15.00 [m OD]

The maximum displacement difference between the Boussinesq method (-1.8983mm) and the Mindlin method (-1.8343mm) occurs at point X = -4.56400m, Y = 20.13200m, level = 43.833mOD, and is 0.063983mm.

Name	Location X [m]	Location Y [m]	Location Z[Level] [mOD]	Displacement Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
Porters Lodge Demolition	-4.56400	16.25700	45.00000	-6.3238	44.875	-29.999	-69.423	-0.0014742
Porters Lodge	-4.56400	19.13200	45.00000	-3.7694	44.875	-15.000	-35.042	-732.74E-6
	-4.56400	19.23200	45.00000	-3.3189	44.875	-3.8982	-19.594	-50.597E-6
	-4.56400	19.33200	45.00000	-3.0342	44.875	-1.0421	-11.876	74.982E-6
	-4.56400	19.43200	45.00000	-2.8156	44.875	-0.37940	-8.1377	78.151E-6
	-4.56400	19.53200	45.00000	-2.6321	44.875	-0.17339	-6.0468	66.752E-6
	-4.56400	19.63200	45.00000	-2.4728	44.875	-0.092209	-4.7349	55.755E-6
	-4.56400	19.73200	45.00000	-2.3318	44.875	-0.054439	-3.8427	46.880E-6
	-4.56400	19.83200	45.00000	-2.2049	44.875	-0.034659	-3.2000	39.893E-6
	-4.56400	19.93200	45.00000	-2.0895	44.875	-0.023351	-2.7169	34.357E-6
	-4.56400	20.03200	45.00000	-1.9835	44.875	-0.016439	-2.3417	29.908E-6
	-4.56400	20.13200	45.00000	-1.8856	44.875	-0.011984	-2.0429	26.280E-6
	-4.56400	20.23200	45.00000	-1.7945	44.875	-0.0089871	-1.7999	23.280E-6
	-4.56400	20.33200	45.00000	-1.7096	44.875	-0.0068999	-1.5990	20.768E-6
	-4.56400	20.43200	45.00000	-1.6300	44.875	-0.0054028	-1.4304	18.640E-6
	-4.56400	20.53200	45.00000	-1.5553	44.875	-0.0043021	-1.2874	16.821E-6
	-4.56400	20.63200	45.00000	-1.4851	44.875	-0.0034754	-1.1648	15.252E-6
	-4.56400	20.73200	45.00000	-1.4190	44.875	-0.0028430	-1.0587	13.889E-6
	-4.56400	20.83200	45.00000	-1.3566	44.875	-0.0023514	-0.96627	12.695E-6
	-4.56400	20.93200	45.00000	-1.2978	44.875	-0.0019637	-0.88514	11.645E-6
	-4.56400	21.03200	45.00000	-1.2423	44.875	-0.0016542	-0.81353	10.715E-6
	-4.56400	21.13200	45.00000	-1.1898	44.875	-0.0014043	-0.74996	9.8872E-6
	-4.56400	21.23200	45.00000	-1.1403	44.875	-0.0012005	-0.69327	9.1476E-6
	-4.56400	21.33200	45.00000	-1.0934	44.875	-0.0010328	-0.64249	8.4840E-6
	-4.56400	21.43200	45.00000	-1.0491	44.875	-893.61E-6	-0.59683	7.8862E-6
	-4.56400	21.53200	45.00000	-1.0072	44.875	-777.28E-6	-0.55561	7.3459E-6
	-4.56400	21.63200	45.00000	-0.96750	44.875	-679.37E-6	-0.51828	6.8560E-6
	-4.56400	21.73200	45.00000	-0.92994	44.875	-596.44E-6	-0.48437	6.4106E-6
	-4.56400	21.83200	45.00000	-0.89435	44.875	-525.80E-6	-0.45348	6.0043E-6
	-4.56400	21.93200	45.00000	-0.86062	44.875	-465.31E-6	-0.42526	5.6329E-6
	-4.56400	22.03200	45.00000	-0.82863	44.875	-413.25E-6	-0.39942	5.2926E-6
	-4.56400	22.13200	45.00000	-0.79827	44.875	-368.24E-6	-0.37571	4.9800E-6
	-4.56400	22.23200	45.00000	-0.76946	44.875	-329.16E-6	-0.35390	4.6923E-6
	-4.56400	22.33200	45.00000	-0.74208	44.875	-295.09E-6	-0.33380	4.4270E-6
	-4.56400	22.43200	45.00000	-0.71605	44.875	-265.28E-6	-0.31523	4.1819E-6
	-4.56400	22.53200	45.00000	-0.69129	44.875	-239.11E-6	-0.29806	3.9550E-6
	-4.56400	22.63200	45.00000	-0.66772	44.875	-216.05E-6	-0.28215	3.7446E-6
	-4.56400	22.73200	45.00000	-0.64527	44.875	-195.67E-6	-0.26737	3.5493E-6
	-4.56400	22.83200	45.00000	-0.62387	44.875	-177.61E-6	-0.25364	3.3676E-6
	-4.56400	22.93200	45.00000	-0.60346	44.875	-161.56E-6	-0.24085	3.1984E-6
	-4.56400	23.03200	45.00000	-0.58398	44.875	-147.25E-6	-0.22893	3.0406E-6
	-4.56400	23.13200	45.00000	-0.56537	44.875	-134.47E-6	-0.21780	2.8932E-6
	-4.56400	23.23200	45.00000	-0.54759	44.875	-123.02E-6	-0.20739	2.7554E-6
	-4.56400	23.33200	45.00000	-0.53058	44.875	-112.75E-6	-0.19765	2.6264E-6
	-4.56400	23.43200	45.00000	-0.51430	44.875	-103.51E-6	-0.18853	2.5054E-6
	-4.56400	23.53200	45.00000	-0.49871	44.875	-95.174E-6	-0.17996	2.3919E-6
	-4.56400	23.63200	45.00000	-0.48377	44.875	-87.648E-6	-0.17192	2.2853E-6
	-4.56400	23.73200	45.00000	-0.46944	44.875	-80.837E-6	-0.16436	2.1850E-6
	-4.56400	23.83200	45.00000	-0.45570	44.875	-74.662E-6	-0.15724	2.0906E-6
	-4.56400	23.93200	45.00000	-0.44251	44.875	-69.054E-6	-0.15054	2.0016E-6

Name	Location			Displacement	Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-4.56400	24.03200	45.00000	-0.42983	44.875	-63.952E-6	-0.14422	1.9178E-6
	-4.56400	24.13200	45.00000	-0.41766	44.875	-59.303E-6	-0.13825	1.8386E-6
	-4.56400	24.23200	45.00000	-0.40594	44.875	-55.059E-6	-0.13261	1.7637E-6
	-4.56400	24.33200	45.00000	-0.39468	44.875	-51.180E-6	-0.12728	1.6930E-6
	-4.56400	24.43200	45.00000	-0.38383	44.875	-47.629E-6	-0.12224	1.6260E-6
	-4.56400	24.53200	45.00000	-0.37339	44.875	-44.374E-6	-0.11746	1.5626E-6
	-4.56400	24.63200	45.00000	-0.36332	44.875	-41.386E-6	-0.11293	1.5024E-6
	-4.56400	24.73200	45.00000	-0.35362	44.875	-38.640E-6	-0.10864	1.4454E-6
	-4.56400	24.83200	45.00000	-0.34426	44.875	-36.112E-6	-0.10456	1.3912E-6
	-4.56400	24.93200	45.00000	-0.33523	44.875	-33.783E-6	-0.10069	1.3398E-6
	-4.56400	25.03200	45.00000	-0.32652	44.875	-31.634E-6	-0.097007	1.2909E-6
	-4.56400	25.13200	45.00000	-0.31810	44.875	-29.649E-6	-0.093506	1.2444E-6
	-4.56400	25.23200	45.00000	-0.30997	44.875	-27.814E-6	-0.090173	1.2001E-6
	-4.56400	25.33200	45.00000	-0.30212	44.875	-26.115E-6	-0.086999	1.1579E-6
	-4.56400	25.43200	45.00000	-0.29452	44.875	-24.540E-6	-0.083975	1.1177E-6
	-4.56400	25.53200	45.00000	-0.28717	44.875	-23.080E-6	-0.081090	1.0794E-6
	-4.56400	25.63200	45.00000	-0.28007	44.875	-21.724E-6	-0.078338	1.0428E-6
	-4.56400	25.73200	45.00000	-0.27319	44.875	-20.463E-6	-0.075711	1.0078E-6
	-4.56400	25.83200	45.00000	-0.26652	44.875	-19.290E-6	-0.073201	0.0
	-4.56400	25.93200	45.00000	-0.26007	44.875	-18.198E-6	-0.070802	0.0
	-4.56400	26.03200	45.00000	-0.25382	44.875	-17.180E-6	-0.068508	0.0
	-4.56400	26.13200	45.00000	-0.24776	44.875	-16.231E-6	-0.066313	0.0
	-4.56400	26.23200	45.00000	-0.24189	44.875	-15.344E-6	-0.064212	0.0
	-4.56400	26.33200	45.00000	-0.23620	44.875	-14.516E-6	-0.062200	0.0
	-4.56400	26.43200	45.00000	-0.23067	44.875	-13.741E-6	-0.060272	0.0
	-4.56400	26.53200	45.00000	-0.22531	44.875	-13.016E-6	-0.058423	0.0
	-4.56400	26.63200	45.00000	-0.22011	44.875	-12.336E-6	-0.056651	0.0
	-4.56400	26.73200	45.00000	-0.21506	44.875	-11.700E-6	-0.054950	0.0
	-4.56400	26.83200	45.00000	-0.21016	44.875	-11.102E-6	-0.053317	0.0
	-4.56400	26.93200	45.00000	-0.20539	44.875	-10.542E-6	-0.051749	0.0
	-4.56400	27.03200	45.00000	-0.20077	44.875	-10.015E-6	-0.050242	0.0
	-4.56400	27.13200	45.00000	-0.19627	44.875	-9.5198E-6	-0.048794	0.0
	-4.56400	27.23200	45.00000	-0.19190	44.875	-9.0540E-6	-0.047402	0.0
	-4.56400	27.33200	45.00000	-0.18765	44.875	-8.6156E-6	-0.046062	0.0
	-4.56400	27.43200	45.00000	-0.18351	44.875	-8.2027E-6	-0.044773	0.0
	-4.56400	27.53200	45.00000	-0.17949	44.875	-7.8135E-6	-0.043533	0.0
	-4.56400	27.63200	45.00000	-0.17558	44.875	-7.4464E-6	-0.042338	0.0
	-4.56400	27.73200	45.00000	-0.17177	44.875	-7.1001E-6	-0.041186	0.0
	-4.56400	27.83200	45.00000	-0.16807	44.875	-6.7731E-6	-0.040077	0.0
	-4.56400	27.93200	45.00000	-0.16446	44.875	-6.4641E-6	-0.039007	0.0
	-4.56400	28.03200	45.00000	-0.16095	44.875	-6.1721E-6	-0.037976	0.0
	-4.56400	28.13200	45.00000	-0.15753	44.875	-5.8959E-6	-0.036980	0.0
	-4.56400	28.23200	45.00000	-0.15420	44.875	-5.6345E-6	-0.036020	0.0
	-4.56400	28.33200	45.00000	-0.15095	44.875	-5.3871E-6	-0.035093	0.0
	-4.56400	28.43200	45.00000	-0.14779	44.875	-5.1527E-6	-0.034197	0.0
	-4.56400	28.53200	45.00000	-0.14471	44.875	-4.9305E-6	-0.033333	0.0
	-4.56400	28.63200	45.00000	-0.14170	44.875	-4.7198E-6	-0.032497	0.0
	-4.56400	28.73200	45.00000	-0.13877	44.875	-4.5199E-6	-0.031689	0.0
	-4.56400	28.83200	45.00000	-0.13591	44.875	-4.3302E-6	-0.030908	0.0
	-4.56400	28.93200	45.00000	-0.13313	44.875	-4.1500E-6	-0.030153	0.0
	-4.56400	29.03200	45.00000	-0.13041	44.875	-3.9788E-6	-0.029422	0.0
	-4.56400	29.13200	45.00000	-0.12776	44.875	-3.8161E-6	-0.028715	0.0
	-4.56400	29.23200	45.00000	-0.12517	44.875	-3.6614E-6	-0.028030	0.0
	-4.56400	29.33200	45.00000	-0.12264	44.875	-3.5142E-6	-0.027367	0.0
	-4.56400	29.43200	45.00000	-0.12018	44.875	-3.3741E-6	-0.026726	0.0
	-4.56400	29.53200	45.00000	-0.11777	44.875	-3.2407E-6	-0.026104	0.0
	-4.56400	29.63200	45.00000	-0.11542	44.875	-3.1136E-6	-0.025501	0.0
	-4.56400	29.73200	45.00000	-0.11313	44.875	-2.9925E-6	-0.024917	0.0
	-4.56400	29.83200	45.00000	-0.11089	44.875	-2.8771E-6	-0.024351	0.0
	-4.56400	29.93200	45.00000	-0.10870	44.875	-2.7670E-6	-0.023802	0.0
	-4.56400	30.03200	45.00000	-0.10656	44.875	-2.6619E-6	-0.023270	0.0
	-4.56400	30.13200	45.00000	-0.10448	44.875	-2.5617E-6	-0.022753	0.0
	-4.56400	30.23200	45.00000	-0.10244	44.875	-2.4660E-6	-0.022252	0.0
	-4.56400	30.33200	45.00000	-0.10044	44.875	-2.3745E-6	-0.021765	0.0
	-4.56400	30.43200	45.00000	-0.098492	44.875	-2.2871E-6	-0.021293	0.0
	-4.56400	30.53200	45.00000	-0.096587	44.875	-2.2036E-6	-0.020834	0.0
	-4.56400	30.63200	45.00000	-0.094725	44.875	-2.1238E-6	-0.020388	0.0
	-4.56400	30.73200	45.00000	-0.092904	44.875	-2.0474E-6	-0.019955	0.0
	-4.56400	30.83200	45.00000	-0.091123	44.875	-1.9743E-6	-0.019535	0.0
	-4.56400	30.93200	45.00000	-0.089382	44.875	-1.9043E-6	-0.019126	0.0
	-4.56400	31.03200	45.00000	-0.087679	44.875	-1.8374E-6	-0.018728	0.0
	-4.56400	31.13200	45.00000	-0.086013	44.875	-1.7732E-6	-0.018342	0.0
	-4.56400	31.23200	45.00000	-0.084383	44.875	-1.7117E-6	-0.017966	0.0
	-4.56400	31.33200	45.00000	-0.082789	44.875	-1.6528E-6	-0.017601	0.0
	-4.56400	31.43200	45.00000	-0.081229	44.875	-1.5963E-6	-0.017245	0.0
	-4.56400	31.53200	45.00000	-0.079702	44.875	-1.5422E-6	-0.016899	0.0
	-4.56400	31.63200	45.00000	-0.078208	44.875	-1.4902E-6	-0.016562	0.0
	-4.56400	31.73200	45.00000	-0.076746	44.875	-1.4403E-6	-0.016234	0.0
	-4.56400	31.83200	45.00000	-0.075315	44.875	-1.3925E-6	-0.015915	0.0
	-4.56400	31.93200	45.00000	-0.073914	44.875	-1.3465E-6	-0.015604	0.0
	-4.56400	32.03200	45.00000	-0.072542	44.875	-1.3024E-6	-0.015301	0.0
	-4.56400	32.13200	45.00000	-0.071199	44.875	-1.2600E-6	-0.015006	0.0
	-4.56400	32.23200	45.00000	-0.069883	44.875	-1.2192E-6	-0.014719	0.0
	-4.56400	32.33200	45.00000	-0.068595	44.875	-1.1801E-6	-0.014439	0.0
	-4.56400	32.43200	45.00000	-0.067334	44.875	-1.1424E-6	-0.014166	0.0
	-4.56400	32.53200	45.00000	-0.066098	44.875	-1.1062E-6	-0.013900	0.0
	-4.56400	32.63200	45.00000	-0.064888	44.875	-1.0714E-6	-0.013641	0.0
	-4.56400	32.73200	45.00000	-0.063703	44.875	-1.0379E-6	-0.013388	0.0
	-4.56400	32.83200	45.00000	-0.062541	44.875	-1.0056E-6	-0.013141	0.0
	-4.56400	32.93200	45.00000	-0.061403	44.875	0.0	-0.012900	0.0
	-4.56400	33.03200	45.00000	-0.060288	44.875	0.0	-0.012665	0.0
	-4.56400	33.13200	45.00000	-0.059195	44.875	0.0	-0.012436	0.0
	-4.56400	33.23200	45.00000	-0.058124	44.875	0.0	-0.012213	0.0
	-4.56400	33.33200	45.00000	-0.057075	44.875	0.0	-0.011995	0.0
	-4.56400	33.43200	45.00000	-0.056046	44.875	0.0	-0.011782	0.0
	-4.56400	33.53200	45.00000	-0.055038	44.875	0.0	-0.011574	0.0
	-4.56400	33.63200	45.00000	-0.054049	44.875	0.0	-0.011370	0.0
	-4.56400	33.73200	45.00000	-0.053080	44.875	0.0	-0.011172	0.0
	-4.56400	33.83200	45.00000	-0.052130	44.875	0.0	-0.010978	0.0
	-4.56400	33.93200	45.00000	-0.051199	44.875	0.0	-0.010789	0.0
	-4.56400	34.03200	45.00000	-0.050285	44.875	0.0	-0.010604	0.0
	-4.56400	34.13200	45.00000	-0.049389	44.875	0.0	-0.010423	0.0