GEA Geotechnical & Environmental Associates Widbury Barn | Widbury Hill | Ware | SG12 7QE	Site 157 York Way, London, N7 9LN	Borehole Number **BH1**
Installation Type Standpipe **Dimensions** Internal Diameter of Tube [A] = 19 mm Diameter of Filter Zone = 60 mm	**Client** Kapilaben Patel	**Job Number** J18052
Location / **Ground Level (mOD)**	**Engineer** Michael Barclay Partnership LLP	**Sheet** 1/1

Legend	Water	Instr (A)	Level (mOD)	Depth (m)	Description
	▽1			0.50	Bentonite Seal
				5.00	Slotted Standpipe

Groundwater Strikes During Drilling

Date	Time	Depth Struck (m)	Casing Depth (m)	Inflow Rate	Readings 5 min	Readings 10 min	Readings 15 min	Readings 20 min	Depth Sealed (m)
03/04/18		0.70		Slow Seepage					

Groundwater Observations During Drilling

Date	Start of Shift Time	Depth Hole (m)	Casing Depth (m)	Water Depth (m)	Water Level (mOD)	End of Shift Time	Depth Hole (m)	Casing Depth (m)	Water Depth (m)	Water Level (mOD)

Instrument Groundwater Observations

Inst. [A] Type : Slotted Standpipe

Date	Instrument [A] Time	Depth (m)	Level (mOD)	Remarks
25/04/18		0.80		

Remarks

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GEA

Geotechnical & Environmental Associates
Widbury Barn | Widbury Hill | Ware | SG12 7QE

Site
157 York Way, London, N7 9LN

Borehole Number
BH2

Installation Type
Standpipe

Dimensions
Internal Diameter of Tube [A] = 19 mm
Diameter of Filter Zone = 60 mm

Client
Kapilaben Patel

Job Number
J18052

Location

Ground Level (mOD)

Engineer
Michael Barclay Partnership LLP

Sheet
1/1

Legend	Water	Instr (A)	Level (mOD)	Depth (m)	Description
	▽1			0.50	Bentonite Seal
				5.00	Slotted Standpipe

Groundwater Strikes During Drilling

Date	Time	Depth Struck (m)	Casing Depth (m)	Inflow Rate	Readings 5 min	Readings 10 min	Readings 15 min	Readings 20 min	Depth Sealed (m)
03/04/18		0.60		Slow Seepage					

Groundwater Observations During Drilling

Date	Start of Shift Time	Depth Hole (m)	Casing Depth (m)	Water Depth (m)	Water Level (mOD)	End of Shift Time	Depth Hole (m)	Casing Depth (m)	Water Depth (m)	Water Level (mOD)

Instrument Groundwater Observations

Inst. [A] Type : Slotted Standpipe

Date	Instrument [A] Time	Depth (m)	Level (mOD)	Remarks
25/04/18		0.68		

Remarks

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GEA

Geotechnical & Environmental Associates
Widbury Barn | Widbury Hill | Ware | SG12 7QE

Site
157 York Way, London, N7 9LN

Borehole Number
BH3

Installation Type
Standpipe

Dimensions
Internal Diameter of Tube [A] = 19 mm
Diameter of Filter Zone = 60 mm

Client
Kapilaben Patel

Job Number
J18052

Location

Ground Level (mOD)

Engineer
Michael Barclay Partnership LLP

Sheet
1/1

Legend	Water	Instr (A)	Level (mOD)	Depth (m)	Description
				0.50	Bentonite Seal
				5.00	Slotted Standpipe

Groundwater Strikes During Drilling

Date	Time	Depth Struck (m)	Casing Depth (m)	Inflow Rate	Readings				Depth Sealed (m)
					5 min	10 min	15 min	20 min	

Groundwater Observations During Drilling

Date	Start of Shift					End of Shift				
	Time	Depth Hole (m)	Casing Depth (m)	Water Depth (m)	Water Level (mOD)	Time	Depth Hole (m)	Casing Depth (m)	Water Depth (m)	Water Level (mOD)

Instrument Groundwater Observations

Inst. [A] Type : Slotted Standpipe

Date	Instrument [A]			Remarks
	Time	Depth (m)	Level (mOD)	
25/04/18		1.16		

Remarks

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Summary of Natural Moisture Content, Liquid Limit and Plastic Limit Results

Job No.	Project Name	Programme	
24288	157 York Way	Samples received	04/04/2018
		Schedule received	04/04/2018
Project No.	Client	Project started	05/04/2018
J18052	GEA	Testing Started	16/04/2018

Hole No.	Sample				Soil Description	NMC	Passing 425µm	LL	PL	PI	Remarks
	Ref	Top m	Base m	Type		%	%	%	%	%	
BH2	1	1.00	-	D	Brown slightly mottled grey silty CLAY with traces of fine rootlets	34					
BH2	2	2.00	-	D	Brown silty CLAY	28					
BH2	3	3.00	-	D	Brown slightly mottled grey silty CLAY	31	100	77	25	52	
BH2	4	4.50	-	D	Brown slightly mottled grey silty CLAY	30	100	78	24	54	
BH3	1	0.70	-	D	Brown slightly mottled dark grey silty CLAY with traces of fine rootlets	33					
BH3	2	1.50	-	D	Brown slightly mottled grey silty CLAY	28	100	68	21	47	
BH3	3	3.00	-	D	Brown slightly mottled bluish grey silty CLAY	28	100	77	25	52	
BH3	4	5.00	-	D	Brown slightly mottled bluish grey silty CLAY	30					

UKAS TESTING
2519

Test Methods: BS1377: Part 2: 1990:
Natural Moisture Content : clause 3.2
Atterberg Limits: clause 4.3, 4.4 and 5.0

Test Report by K4 SOILS LABORATORY
Unit 8 Olds Close Olds Approach
Watford Herts WD18 9RU

Tel: 01923 711 288
Email: James@k4soils.com

Checked and Approved

Initials **J.P**

Date: 17/04/2018

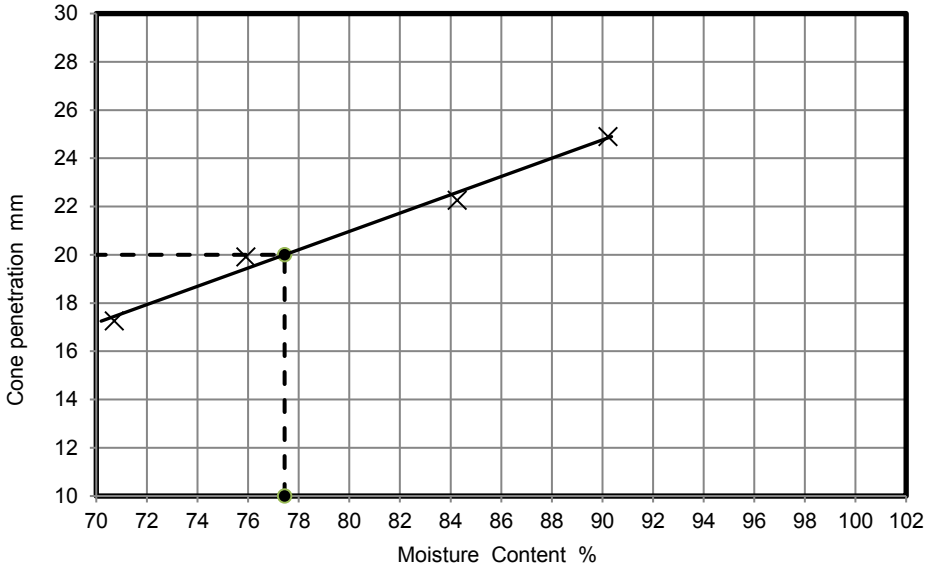
Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Site Name	157 York Way			Sample No.	3
Project No.	J18052	Client	GEA	Depth Top	3.00 m
Soil Description	Brown slightly mottled grey silty CLAY			Depth Base	- m
				Sample Type	D
				Samples received	04/04/2018
				Schedules received	04/04/2018
				Project Started	05/04/2018
				Date Tested	16/04/2018

Job No. 24288

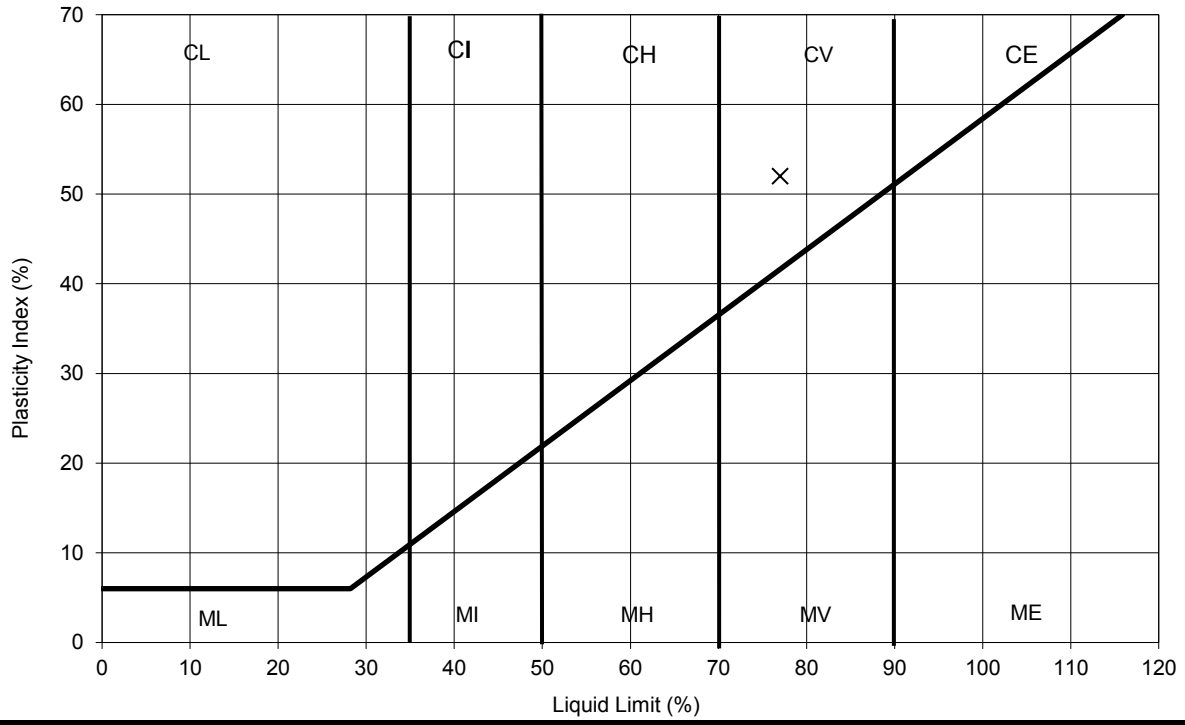
Borehole/Pit No. BH2



NATURAL MOISTURE CONTENT	**31**	**%**
% PASSING 425µm SIEVE	**100**	**%**
LIQUID LIMIT	**77**	**%**
PLASTIC LIMIT	**25**	**%**
PLASTICITY INDEX	**52**	**%**

Remarks

PLASTICITY INDEX



TEST METHOD

BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method
BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index
BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Checked and Approved

Initials: J.P
Date: 17/04/2018

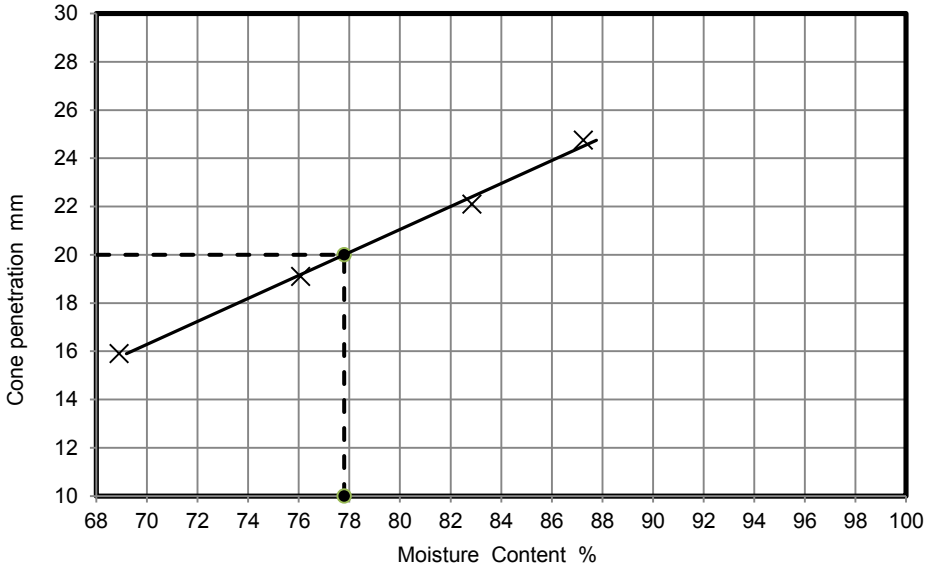
Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU
Tel: 01923 711 288 Email: James@k4soils.com

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

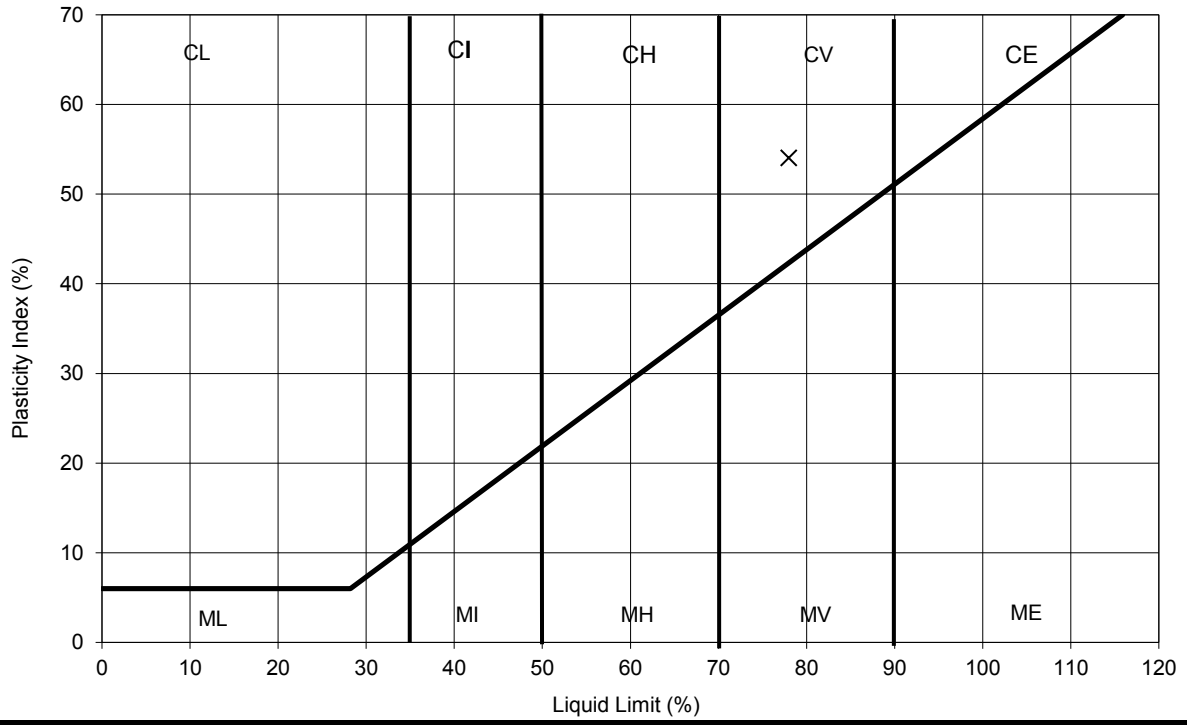
				Job No.	24288
				Borehole/Pit No.	BH2
Site Name	157 York Way			Sample No.	4
Project No.	J18052	Client	GEA	Depth Top	4.50 m
Soil Description	Brown slightly mottled grey silty CLAY			Depth Base	- m
				Sample Type	D
				Samples received	04/04/2018
				Schedules received	04/04/2018
				Project Started	05/04/2018
				Date Tested	16/04/2018



NATURAL MOISTURE CONTENT	**30**	**%**
% PASSING 425µm SIEVE	**100**	**%**
LIQUID LIMIT	**78**	**%**
PLASTIC LIMIT	**24**	**%**
PLASTICITY INDEX	**54**	**%**

Remarks

PLASTICITY INDEX



TEST METHOD

BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method
BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index
BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Checked and Approved

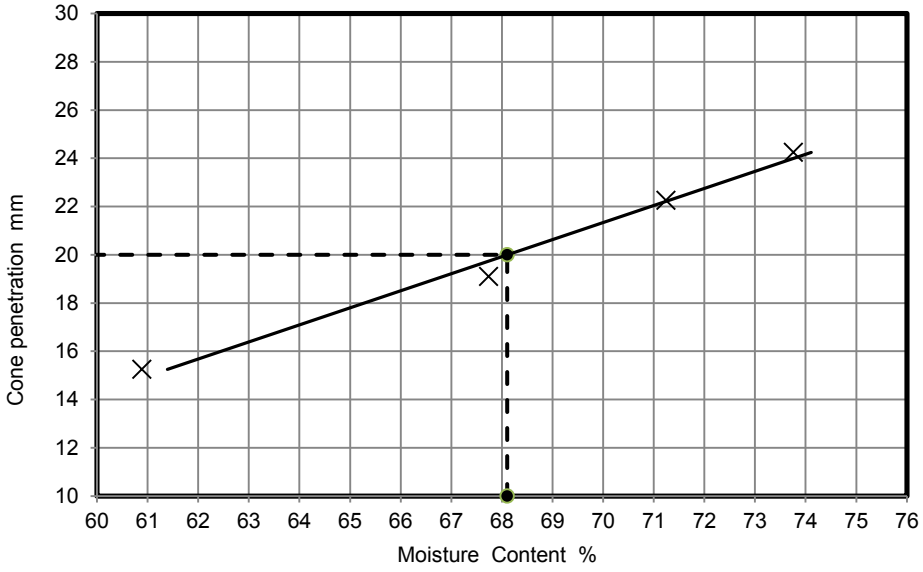
Initials: J.P
Date: 17/04/2018

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU
Tel: 01923 711 288 Email: James@k4soils.com

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

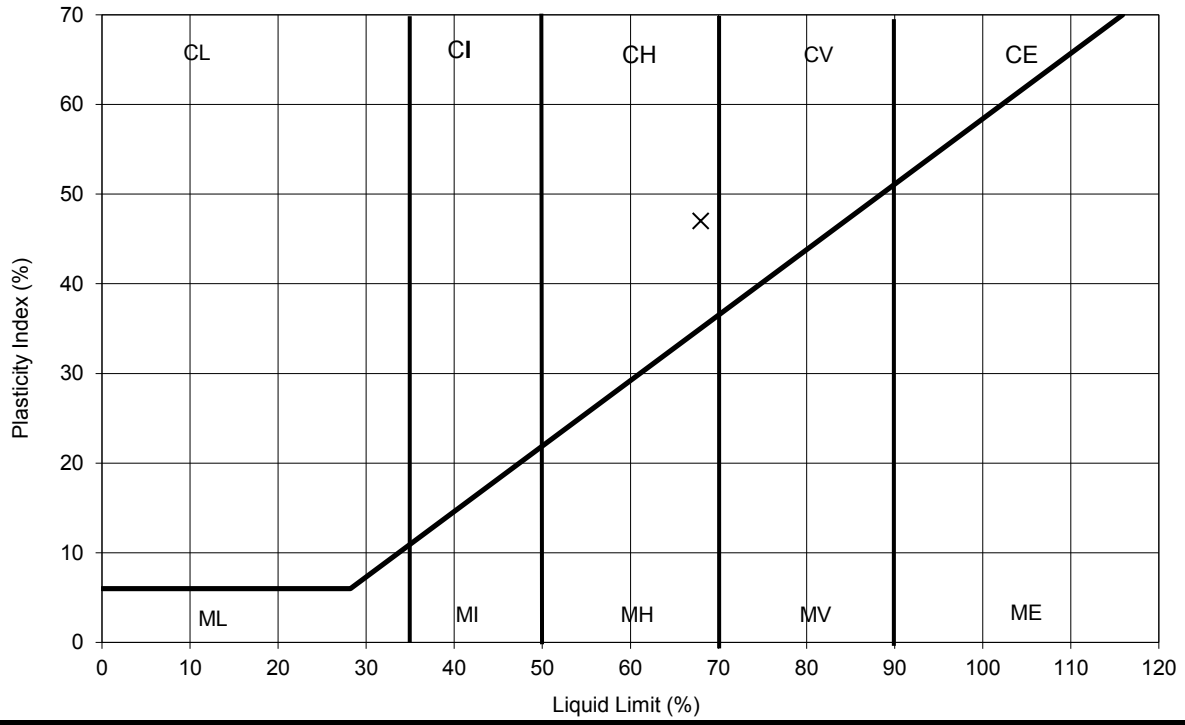
K4 SOILS	**LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX**			Job No.	24288
				Borehole/Pit No.	BH3
Site Name	157 York Way			Sample No.	2
Project No.	J18052	Client	GEA	Depth Top	1.50 m
Soil Description	Brown slightly mottled grey silty CLAY			Depth Base	- m
				Sample Type	D
				Samples received	04/04/2018
				Schedules received	04/04/2018
				Project Started	05/04/2018
				Date Tested	16/04/2018



NATURAL MOISTURE CONTENT	**28**	**%**
% PASSING 425µm SIEVE	**100**	**%**
LIQUID LIMIT	**68**	**%**
PLASTIC LIMIT	**21**	**%**
PLASTICITY INDEX	**47**	**%**

Remarks

PLASTICITY INDEX



TEST METHOD

BS1377: Part 2 :Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method
BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index
BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Checked and Approved

Initials: J.P
Date: 17/04/2018

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU
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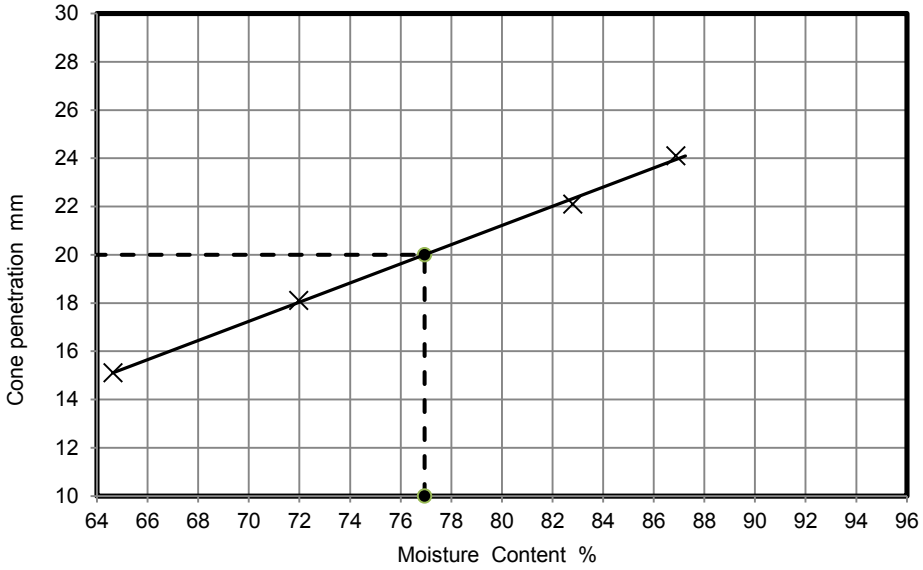
UKAS TESTING 2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

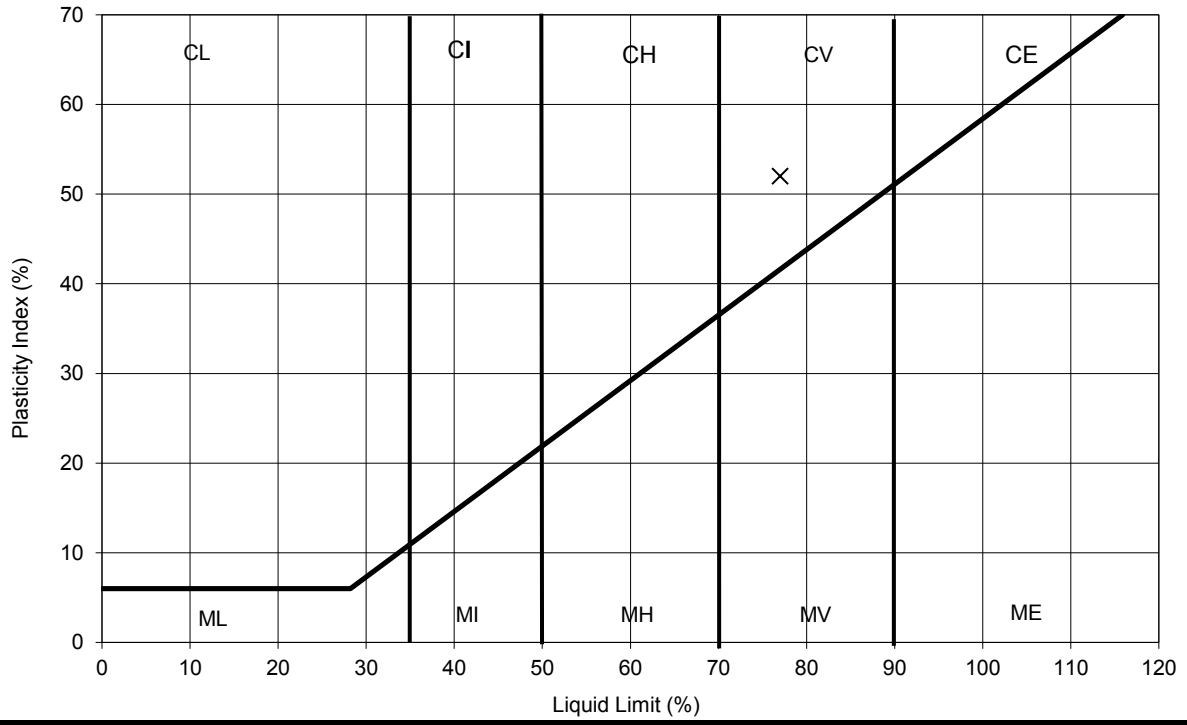
				Job No.	24288
				Borehole/Pit No.	BH3
Site Name	157 York Way			Sample No.	3
Project No.	J18052	Client	GEA	Depth Top	3.00 m
Soil Description	Brown slightly mottled bluish grey silty CLAY			Depth Base	- m
				Sample Type	D
				Samples received	04/04/2018
				Schedules received	04/04/2018
				Project Started	05/04/2018
				Date Tested	16/04/2018



NATURAL MOISTURE CONTENT	**28**	**%**
% PASSING 425µm SIEVE	**100**	**%**
LIQUID LIMIT	**77**	**%**
PLASTIC LIMIT	**25**	**%**
PLASTICITY INDEX	**52**	**%**

Remarks

PLASTICITY INDEX



TEST METHOD

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BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Checked and Approved

Initials: J.P
Date: 17/04/2018

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU
Tel: 01923 711 288 Email: James@k4soils.com

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

Sulphate Content (Gravimetric Method) for 2:1 Soil: Water Extract and pH Value - Summary of Results

Tested in accordance with BS1377 : Part 3 : 1990, clause 5.3 and clause 9

Job No.	Project Name	Programme	
24288	157 York Way	Samples received	04/04/2018
		Schedule received	04/04/2018
Project No.	Client	Project started	05/04/2018
J18052	GEA	Testing Started	13/04/2018

Hole No.	Sample				Soil description	Dry Mass passing 2mm	SO3 Content	SO4 Content	pH	Remarks
	Ref	Top m	Base m	Type		%	g/l	g/l		
BH2	3	3.00	-	D	Brown slightly mottled grey silty CLAY	100	0.28	0.34	7.61	
BH3	2	1.50	-	D	Brown slightly mottled grey silty CLAY	100	0.11	0.13	7.75	

Test Report by K4 SOILS LABORATORY
Unit 8 Olds Close Olds Approach
Watford Herts WD18 9RU
Tel: 01923 711 288
Email: James@k4soils.com

Checked and Approved

Initials J.P

Date: 17/04/2018

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SG127QE

e: matt@gea-ltd.co.uk

i2 Analytical Ltd.
7 Woodshots Meadow,
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Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 18-81125

Project / Site name:	157 York Way	**Samples received on:**	05/04/2018
Your job number:	J18052	**Samples instructed on:**	05/04/2018
Your order number:	J18052	**Analysis completed by:**	11/04/2018
Report Issue Number:	1	**Report issued on:**	11/04/2018
Samples Analysed:	3 soil samples		

Signed:

Jordan Hill
Reporting Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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Analytical Report Number: 18-81125

Project / Site name: 157 York Way
Your Order No: J18052

Lab Sample Number				937039	937040	937041		
Sample Reference				BH1	BH2	BH3		
Sample Number				None Supplied	None Supplied	None Supplied		
Depth (m)				0.50	0.50	0.30		
Date Sampled				03/04/2018	03/04/2018	03/04/2018		
Time Taken				None Supplied	None Supplied	None Supplied		
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1		
Moisture Content	%	N/A	NONE	17	18	22		
Total mass of sample received	kg	0.001	NONE	1.4	1.0	1.1		
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected		
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	8.6	8.8	8.0		
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	2		
Total Sulphate as SO_4	mg/kg	50	MCERTS	830	1100	1400		
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.045	0.080	0.059		
Sulphide	mg/kg	1	MCERTS	1.0	< 1.0	< 1.0		
Water Soluble Chloride (2:1)	mg/kg	1	MCERTS	16	18	11		
Total Organic Carbon (TOC)	%	0.1	MCERTS	2.3	1.7	3.6		
Total Phenols								
Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0		
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05		
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05		
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05		
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05		
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	1.2		
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.15		
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	3.2		
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	2.7		
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	1.6		
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	1.4		
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	2.1		
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	1.1		
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	1.5		
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	1.1		
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.21		
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	1.4		
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	17.6		

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Analytical Report Number: 18-81125

Project / Site name: 157 York Way
Your Order No: J18052

Lab Sample Number				937039	937040	937041		
Sample Reference				BH1	BH2	BH3		
Sample Number				None Supplied	None Supplied	None Supplied		
Depth (m)				0.50	0.50	0.30		
Date Sampled				03/04/2018	03/04/2018	03/04/2018		
Time Taken				None Supplied	None Supplied	None Supplied		
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	33	23	38		
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	2.0		
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	28	31	53		
Copper (aqua regia extractable)	mg/kg	1	MCERTS	140	69	190		
Lead (aqua regia extractable)	mg/kg	1	MCERTS	540	500	1900		
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	3.1	2.0	2.7		
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	24	21	35		
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	1.2		
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	130	180	1100		
Petroleum Hydrocarbons								
TPH C10 - C40	mg/kg	10	MCERTS	< 10	< 10	280		
TPH (C8 - C10)	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1		
TPH (C10 - C12)	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0		
TPH (C12 - C16)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0		
TPH (C16 - C21)	mg/kg	1	MCERTS	< 1.0	< 1.0	28		
TPH (C21 - C35)	mg/kg	1	MCERTS	< 1.0	< 1.0	180		

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Analytical Report Number : 18-81125

Project / Site name: 157 York Way

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
937039	BH1	None Supplied	0.50	Brown clay and sand with rubble and vegetation.
937040	BH2	None Supplied	0.50	Brown clay and sand with rubble and vegetation.
937041	BH3	None Supplied	0.30	Brown loam and clay with gravel and vegetation.

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Analytical Report Number : 18-81125

Project / Site name: 157 York Way

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Water (PrW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Chloride, water soluble, in soil	Determination of Chloride colorimetrically by discrete analyser.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests. 2:1 extraction.	L082-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically.	In-house method based on BS1377 Part 2, 1990, Chemical and Electrochemical Tests	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L099-PL	D	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests, 2:1 water:soil extraction, analysis by ICP-OES.	L038-PL	D	MCERTS
Sulphide in soil	Determination of sulphide in soil by acidification and heating to liberate hydrogen sulphide, trapped in an alkaline solution then assayed by ion selective electrode.	In-house method	L010-PL	D	MCERTS
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests""	L009-PL	D	MCERTS
Total sulphate (as SO4 in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L038-PL	D	MCERTS
TPH Banding in Soil by FID	Determination of hexane extractable hydrocarbons in soil by GC-FID.	In-house method, TPH with carbon banding.	L076-PL	W	MCERTS
TPH in (Soil)	Determination of TPH bands by HS-GC-MS/GC-FID	In-house method, TPH with carbon banding.	L076-PL	D	MCERTS

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.
For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

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The results included within the report are representative of the samples submitted for analysis.

GEA
Widbury Barn
Widbury Hill
Ware
Herts SG12 7QE

Generic Risk-Based Soil Screening Values

Site	157 York Way, London, N7 9LN	**Job Number** J18052
Client	Kapilaben Patel	**Sheet** 1 / 1
Engineer	Michael Barclay Partnership LLP	

Proposed End Use Residential without plant uptake

Soil pH 8

Soil Organic Matter content % 6.0

Contaminant	Screening Value mg/kg	Data Source
Metals		
Arsenic	40	C4SL
Cadmium	149	C4SL
Chromium (III)	3000	LQM/CIEH
Chromium (VI)	21	C4SL
Copper	2,330	LQM/CIEH
Lead	310	C4SL
Elemental Mercury	1.02	SGV
Inorganic Mercury	235	SGV
Nickel	99	LQM/CIEH
Selenium	595	SGV
Zinc	3,750	LQM/CIEH
Hydrocarbons		
Benzene	3.3	C4SL
Toluene	610	SGV
Ethyl Benzene	350	SGV
Xylene	230	SGV
Aliphatic C5-C6	110	LQM/CIEH
Aliphatic C6-C8	370	LQM/CIEH
Aliphatic C8-C10	110	LQM/CIEH
Aliphatic C10-C12	540	LQM/CIEH
Aliphatic C12-C16	3000	LQM/CIEH
Aliphatic C16-C35	76,000	LQM/CIEH
Aromatic C6-C7	See Benzene	LQM/CIEH
Aromatic C7-C8	See Toluene	LQM/CIEH
Aromatic C8-C10	151	LQM/CIEH
Aromatic C10-C12	346	LQM/CIEH
Aromatic C12-C16	593	LQM/CIEH
Aromatic C16-C21	770	LQM/CIEH
Aromatic C21-C35	1230	LQM/CIEH
PRO (C_5 –C_{10})	1354	Calc
DRO (C_{12} –C_{28})	80,363	Calc
Lube Oil (C_{28} –C_{44})	77,230	Calc
TPH	**1000**	Trigger for speciated testing

Contaminant	Screening Value mg/kg	Data Source
Anions		
Soluble Sulphate	500 mg/l	Structures
Sulphide	50	Structures
Chloride	400	Structures
Others		
Organic Carbon (%)	6	Methanogenic potential
Total Cyanide	140	WRAS
Total Mono Phenols	520	SGV
PAH		
Naphthalene	13.10	C4SL exp & LQM/CIEH
Acenaphthylene	3,870	LQM/CIEH
Acenaphthene	3,910	LQM/CIEH
Fluorene	2,870	LQM/CIEH
Phenanthrene	970	LQM/CIEH
Anthracene	23,300	LQM/CIEH
Fluoranthene	1,000	LQM/CIEH
Pyrene	2,400	LQM/CIEH
Benzo(a) Anthracene	9.4	C4SL exp & LQM/CIEH
Chrysene	15	C4SL exp & LQM/CIEH
Benzo(b) Fluoranthene	11.2	C4SL exp & LQM/CIEH
Benzo(k) Fluoranthene	15.8	C4SL exp & LQM/CIEH
Benzo(a) pyrene	5.30	C4SL
Indeno(1 2 3 cd) Pyrene	6.7	C4SL exp & LQM/CIEH
Dibenzo(a h) Anthracene	1.41	C4SL exp & LQM/CIEH
Benzo (g h i) Perylene	72	C4SL exp & LQM/CIEH
Screening value for PAH	**75.7**	B(a)P / 0.15
Chlorinated Solvents		
1,1,1 trichloroethane (TCA)	57.9	LQM/CIEH
tetrachloroethane (PCA)	15.3	LQM/CIEH
tetrachloroethene (PCE)	6.58	LQM/CIEH
trichloroethene (TCE)	0.673	LQM/CIEH
1,2-dichloroethane (DCA)	0.016	LQM/CIEH
vinyl chloride (Chloroethene)	0.00447	LQM/CIEH
tetrachloromethane (Carbon tetra	0.18	LQM/CIEH
trichloromethane (Chloroform)	7.52	LQM/CIEH

Notes

Concentrations measured below the above values may be considered to represent 'uncontaminated conditions' which pose 'LOW' risk to human health. Concentrations measured in excess of these values indicate a potential risk which require further, site specific risk assessment.

SGV - Soil Guideline Value, derived from the CLEA model and published by Environment Agency 2009

LQM/CIEH - Generic Assessment Criteria for Human Health Risk Assessment 2nd edition (2009)derived using CLEA 1.04 model 2009

C4SL - Defra Category 4 Screening value based on Low Level of Toxicological Risk

C4SL exp & LQM/CIEH calculated using C4SL revisions to exposure assessment but LQM/CIEH health criteria values

Calc - sum of nearest available carbon range specified including BTEX for PRO fraction

B(a)P / 0.15 - GEA experience indicates that Benzo(a) pyrene (one of the most common and most carcinogenic of the PAHs) rarely exceeds 15% of the total PAH concentration, hence this Total PAH threshold is regarded as being conservative

APPENDIX – PART 3

Ground Movement Assessment

SOIL DISPLACEMENT MODEL RESULTS

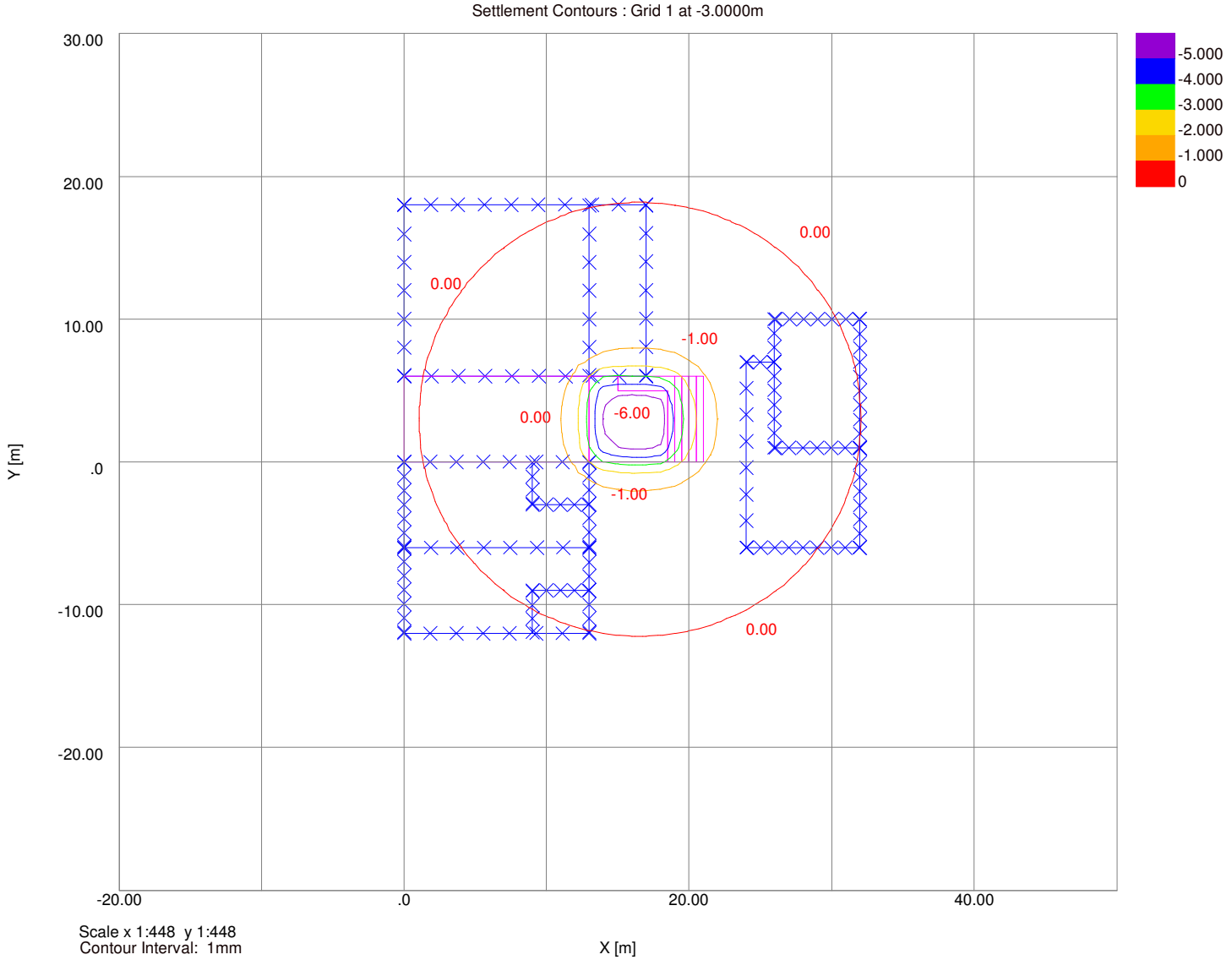
P-DISP ANALYSIS

Short Term Movement
(Contour Plots and Tabular Output)

Total Movement
(Contour Plot and Tabular Output)

BUILDING DAMAGE ASSESSMENT (X-DISP)

Tabular Output of Results


Settlement Contours : Grid 1 at -3.0000m
30.00
20.00
10.00
.0
-10.00
-20.00
Y [m]
-20.00
.0
20.00
40.00
X [m]
-5.000
-4.000
-3.000
-2.000
-1.000
0
0.00
0.00
-1.00
0.00
-6.00
-1.00
0.00
Scale x 1:448 y 1:448
Contour Interval: 1mm

Analysis Options

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: -20.00 [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	Number of intermediate displacement levels	Youngs Modulus Top	Youngs Modulus Btm	Poissons ratio	Non-linear curve
	[mOD]		[kN/m²]	[kN/m²]		
1	0.0	1	12500.	12500.	0.50000	None
2	-1.0000	19	25000.	96250.	0.50000	None

Soil Zones

Zone	Name	X coordinates min [m]	X coordinates max [m]	Y coordinates min [m]	Y coordinates max [m]	Profile
1	Soil Zone 1	-10.00000	45.00000	-25.00000	30.00000	Soil Profile 1

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	Basement Extension	Polygonal	Horizontal	N/A	N/A	-3.00000	N/A	N/A	N/A	(13,0) (18.5,0) (18.5,5) (15,5) (15,6) (13,6)	10.000	2	-55.000	N/A	N/A
2	Open-cut to -2.5	Polygonal	Horizontal	N/A	N/A	-2.50000	N/A	N/A	N/A	(18.5,0) (19,0) (19,6) (15,6) (15,5) (18.5,5)	10.000	2	-45.000	N/A	N/A
3	Open-cut to -2.0	Polygonal	Horizontal	N/A	N/A	-2.00000	N/A	N/A	N/A	(19,0) (19.5,0) (19.5,6) (19,6)	10.000	1	-35.000	N/A	N/A
4	Open-cut to -1.5	Polygonal	Horizontal	N/A	N/A	-1.50000	N/A	N/A	N/A	(19.5,0) (20,0) (20,6) (19.5,6)	10.000	1	-25.000	N/A	N/A
5	Open-cut to -1.0	Polygonal	Horizontal	N/A	N/A	-1.00000	N/A	N/A	N/A	(20,0) (20.5,0) (20.5,6) (20,6)	10.000	1	-17.000	N/A	N/A
6	Open-cut to -0.5	Polygonal	Horizontal	N/A	N/A	-0.50000	N/A	N/A	N/A	(20.5,0) (21,0) (21,6) (20.5,6)	10.000	1	-8.5000	N/A	N/A
7	Existing Basement	Polygonal	Horizontal	N/A	N/A	-3.00000	N/A	N/A	N/A	(0,0) (13,0) (13,6) (0,6)	10.000	1	0.0	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 : Basement Extension					
(Edge 1 optimal)					
1	14.00000	3.00000	0.0	2.0000	6.0000
2	16.75000	2.50000	0.0	3.5000	5.0000
Load 2 : Open-cut to -2.5					
(Edge 1 optimal)					
1	18.75000	3.00000	0.0	0.50000	6.0000
2	16.75000	5.50000	0.0	3.5000	1.0000
Load 3 : Open-cut to -2.0					
(Edge 1 optimal)					
1	19.25000	3.00000	0.0	0.50000	6.0000
Load 4 : Open-cut to -1.5					
(Edge 1 optimal)					
1	19.75000	3.00000	0.0	0.50000	6.0000
Load 5 : Open-cut to -1.0					
(Edge 1 optimal)					
1	20.25000	3.00000	0.0	0.50000	6.0000
Load 6 : Open-cut to -0.5					
(Edge 1 optimal)					
1	20.75000	3.00000	0.0	0.50000	6.0000
Load 7 : Existing Basement					
(Edge 1 optimal)					
1	6.50000	3.00000	0.0	13.000	6.0000

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]	No. of intrvls along extrusion	Calculate	Show Detailed results
1	Grid	Grid 1	Global X	-10.00000	-25.00000	-3.00000	N/A	30.00000	-3.00000	55	55.00000	55	Yes	No
2	Line	1) No 155 Frontage	N/A	0.00000	6.05000	-3.00000	0.00000	17.95000	-3.00000	6	N/A	N/A	Yes	No
3	Line	2) No 155 Far Elevation	N/A	0.05000	18.00000	-3.00000	12.95000	18.00000	-3.00000	7	N/A	N/A	Yes	No
4	Line	3) No 155 Far Elevation (Garden)	N/A	13.00000	18.00000	-3.00000	16.95000	18.00000	-3.00000	4	N/A	N/A	Yes	No
5	Line	4) No 155 Rear Elevation (Garden)	N/A	17.00000	17.95000	-3.00000	17.00000	6.05000	-3.00000	6	N/A	N/A	Yes	No
6	Line	5) No 155 / 157 Party Wall (Garden)	N/A	16.95000	6.00000	-3.00000	13.05000	6.00000	-3.00000	4	N/A	N/A	Yes	No
7	Line	6) No 155 / 157 Party Wall	N/A	12.95000	6.00000	-3.00000	0.05000	6.00000	-3.00000	7	N/A	N/A	Yes	No
8	Line	7) No 155 Rear Elevation	N/A	13.00000	6.05000	-3.00000	13.00000	17.95000	-3.00000	6	N/A	N/A	Yes	No
9	Line	8) No 157 / 159 Party Wall	N/A	0.00000	0.00000	-3.00000	12.95000	0.00000	-3.00000	7	N/A	N/A	Yes	No
10	Line	9) No 159 Lighwell / Rear Elevation	N/A	13.00000	-0.05000	-3.00000	13.00000	-5.95000	-3.00000	6	N/A	N/A	Yes	No
11	Line	10) No 159 Rear Extension	N/A	12.95000	-3.00000	-3.00000	9.00000	-3.00000	-3.00000	4	N/A	N/A	Yes	No
12	Line	11) No 159 Rear Extension	N/A	9.00000	-2.95000	-3.00000	9.00000	-0.05000	-3.00000	3	N/A	N/A	Yes	No
13	Line	12) No 159 / 161	N/A	13.00000	-6.00000	-3.00000	0.00000	-6.00000	-3.00000	7	N/A	N/A	Yes	No

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
14	Line	Party Wall 13) No 159 Frontage	N/A	0.00000	-5.95000	-3.00000	0.00000	-0.05000	-3.00000	6	N/A	N/A	Yes	No
15	Line	14) No 161 Frontage	N/A	0.00000	-6.05000	-3.00000	0.00000	-11.95000	-3.00000	6	N/A	N/A	Yes	No
16	Line	15) No 161 / 163 Party Wall	N/A	0.00000	-12.00000	-3.00000	13.00000	-12.00000	-3.00000	7	N/A	N/A	Yes	No
17	Line	16) No 161 Lightwell / Rear Elevation	N/A	13.00000	-11.95000	-3.00000	13.00000	-6.05000	-3.00000	6	N/A	N/A	Yes	No
18	Line	17) No 161 Rear Extension	N/A	9.00000	-11.95000	-3.00000	9.00000	-9.05000	-3.00000	3	N/A	N/A	Yes	No
19	Line	18) No 161 Rear Extension	N/A	9.00000	-9.00000	-3.00000	12.95000	-9.00000	-3.00000	4	N/A	N/A	Yes	No
20	Line	19) No 1 CR Garden Near Elevation	N/A	24.00000	7.00000	-3.00000	24.00000	-6.00000	-3.00000	7	N/A	N/A	Yes	No
21	Line	20) No 1 CR Garden Rear Elevation	N/A	24.05000	-6.00000	-3.00000	31.95000	-6.00000	-3.00000	8	N/A	N/A	Yes	No
22	Line	21) No 1 CR Garden Far Elevation	N/A	32.00000	-6.00000	-3.00000	32.00000	0.95000	-3.00000	7	N/A	N/A	Yes	No
23	Line	22) No 1 CR Garden Side Elevation	N/A	24.05000	7.00000	-3.00000	25.95000	7.00000	-3.00000	2	N/A	N/A	Yes	No
24	Line	23) No 1 CR Near Elevation	N/A	26.00000	10.00000	-3.00000	26.00000	1.00000	-3.00000	9	N/A	N/A	Yes	No
25	Line	24) No 1 CR Rear Elevation	N/A	26.05000	1.00000	-3.00000	31.95000	1.00000	-3.00000	6	N/A	N/A	Yes	No
26	Line	25) No 1 CR Far Elevation	N/A	32.00000	1.00000	-3.00000	32.00000	10.00000	-3.00000	9	N/A	N/A	Yes	No
27	Line	26) No 1 CR Frontage	N/A	31.95000	10.00000	-3.00000	26.05000	10.00000	-3.00000	6	N/A	N/A	Yes	No

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Horizontal rigid boundary level: -20.00 [m OD]

The maximum displacement difference between the Boussinesq method (-5.7978mm) and the Mindlin method (-4.5792mm) occurs at point X = 16.00000m, Y = 3.00000m, level = -3.0000mOD, and is 1.2186mm.

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 [-]
Basement Extension	15.63136	2.70339	-3.00000	-5.7441	-3.3442	-55.428	-121.02	-670.09E-6
Open-cut to -2.5	17.67308	4.34615	-2.50000	-5.0363	-2.8857	-3.2615	-18.271	132.40E-6
Open-cut to -2.0	19.25000	3.00000	-2.00000	-4.2226	-2.4037	-29.718	-40.478	-804.85E-6
Open-cut to -1.5	19.75000	3.00000	-1.50000	-3.5098	-1.9503	-19.167	-25.459	-561.55E-6
Open-cut to -1.0	20.25000	3.00000	-1.00000	-2.8299	-1.3546	-13.526	-18.511	-419.42E-6
Open-cut to -0.5	20.75000	3.00000	-0.50000	-2.2045	-0.75000	-6.9554	-10.155	-428.44E-6
Existing Basement	6.50000	3.00000	-3.00000	-0.14959	-3.3442	-0.0030497	-0.45652	6.6229E-6
Grid 1	-10.00000	-25.00000	-3.00000	0.0098153	-3.3442	-9.2086E-6	-0.0080544	0.0
	-9.00000	-25.00000	-3.00000	0.010192	-3.3442	-10.070E-6	-0.0084967	0.0
	-8.00000	-25.00000	-3.00000	0.010576	-3.3442	-11.013E-6	-0.0089622	0.0
	-7.00000	-25.00000	-3.00000	0.010965	-3.3442	-12.044E-6	-0.0094513	0.0
	-6.00000	-25.00000	-3.00000	0.011359	-3.3442	-13.171E-6	-0.0099640	0.0
	-5.00000	-25.00000	-3.00000	0.011756	-3.3442	-14.400E-6	-0.010500	0.0
	-4.00000	-25.00000	-3.00000	0.012154	-3.3442	-15.737E-6	-0.011060	0.0
	-3.00000	-25.00000	-3.00000	0.012552	-3.3442	-17.190E-6	-0.011642	0.0
	-2.00000	-25.00000	-3.00000	0.012947	-3.3442	-18.762E-6	-0.012245	0.0
	-1.00000	-25.00000	-3.00000	0.013337	-3.3442	-20.460E-6	-0.012868	0.0
	0.00000	-25.00000	-3.00000	0.013720	-3.3442	-22.287E-6	-0.013508	0.0
	1.00000	-25.00000	-3.00000	0.014094	-3.3442	-24.244E-6	-0.014163	0.0
	2.00000	-25.00000	-3.00000	0.014456	-3.3442	-26.330E-6	-0.014829	0.0
	3.00000	-25.00000	-3.00000	0.014805	-3.3442	-28.543E-6	-0.015502	0.0
	4.00000	-25.00000	-3.00000	0.015137	-3.3442	-30.876E-6	-0.016178	0.0
	5.00000	-25.00000	-3.00000	0.015451	-3.3442	-33.319E-6	-0.016850	0.0
	6.00000	-25.00000	-3.00000	0.015744	-3.3442	-35.857E-6	-0.017513	0.0
	7.00000	-25.00000	-3.00000	0.016015	-3.3442	-38.470E-6	-0.018161	0.0
	8.00000	-25.00000	-3.00000	0.016263	-3.3442	-41.134E-6	-0.018785	0.0
	9.00000	-25.00000	-3.00000	0.016485	-3.3442	-43.818E-6	-0.019379	0.0
	10.00000	-25.00000	-3.00000	0.016680	-3.3442	-46.487E-6	-0.019934	0.0
	11.00000	-25.00000	-3.00000	0.016848	-3.3442	-49.102E-6	-0.020442	0.0
	12.00000	-25.00000	-3.00000	0.016988	-3.3442	-51.618E-6	-0.020897	0.0
	13.00000	-25.00000	-3.00000	0.017099	-3.3442	-53.988E-6	-0.021290	0.0
	14.00000	-25.00000	-3.00000	0.017181	-3.3442	-56.163E-6	-0.021615	0.0
	15.00000	-25.00000	-3.00000	0.017234	-3.3442	-58.096E-6	-0.021867	0.0
	16.00000	-25.00000	-3.00000	0.017257	-3.3442	-59.741E-6	-0.022041	0.0
	17.00000	-25.00000	-3.00000	0.017251	-3.3442	-61.057E-6	-0.022133	0.0
	18.00000	-25.00000	-3.00000	0.017216	-3.3442	-62.010E-6	-0.022143	0.0
	19.00000	-25.00000	-3.00000	0.017152	-3.3442	-62.573E-6	-0.022069	0.0
	20.00000	-25.00000	-3.00000	0.017059	-3.3442	-62.732E-6	-0.021914	0.0
	21.00000	-25.00000	-3.00000	0.016938	-3.3442	-62.481E-6	-0.021680	0.0
	22.00000	-25.00000	-3.00000	0.016789	-3.3442	-61.827E-6	-0.021371	0.0
	23.00000	-25.00000	-3.00000	0.016612	-3.3442	-60.788E-6	-0.020992	0.0
	24.00000	-25.00000	-3.00000	0.016409	-3.3442	-59.391E-6	-0.020550	0.0
	25.00000	-25.00000	-3.00000	0.016181	-3.3442	-57.671E-6	-0.020053	0.0
	26.00000	-25.00000	-3.00000	0.015928	-3.3442	-55.672E-6	-0.019506	0.0
	27.00000	-25.00000	-3.00000	0.015653	-3.3442	-53.439E-6	-0.018920	0.0
	28.00000	-25.00000	-3.00000	0.015356	-3.3442	-51.022E-6	-0.018300	0.0
	29.00000	-25.00000	-3.00000	0.015040	-3.3442	-48.468E-6	-0.017656	0.0
	30.00000	-25.00000	-3.00000	0.014707	-3.3442	-45.826E-6	-0.016994	0.0
	31.00000	-25.00000	-3.00000	0.014358	-3.3442	-43.138E-6	-0.016322	0.0
	32.00000	-25.00000	-3.00000	0.013996	-3.3442	-40.445E-6	-0.015645	0.0
	33.00000	-25.00000	-3.00000	0.013624	-3.3442	-37.781E-6	-0.014970	0.0
	34.00000	-25.00000	-3.00000	0.013242	-3.3442	-35.174E-6	-0.014300	0.0
	35.00000	-25.00000	-3.00000	0.012855	-3.3442	-32.650E-6	-0.013642	0.0
	36.00000	-25.00000	-3.00000	0.012463	-3.3442	-30.225E-6	-0.012997	0.0
	37.00000	-25.00000	-3.00000	0.012068	-3.3442	-27.915E-6	-0.012370	0.0
	38.00000	-25.00000	-3.00000	0.011674	-3.3442	-25.728E-6	-0.011762	0.0
	39.00000	-25.00000	-3.00000	0.011280	-3.3442	-23.670E-6	-0.011175	0.0
	40.00000	-25.00000	-3.00000	0.010890	-3.3442	-21.743E-6	-0.010610	0.0
	41.00000	-25.00000	-3.00000	0.010505	-3.3442	-19.948E-6	-0.010068	0.0
	42.00000	-25.00000	-3.00000	0.0101525	-3.3442	-18.282E-6	-0.0095504	0.0
	43.00000	-25.00000	-3.00000	0.0097516	-3.3442	-16.740E-6	-0.0090563	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 [-]
	44.00000	-25.00000	-3.00000	0.0093865	-3.3442	-15.319E-6	-0.0085858	0.0
	45.00000	-25.00000	-3.00000	0.0090299	-3.3442	-14.011E-6	-0.0081387	0.0
	-10.00000	-24.00000	-3.00000	0.010216	-3.3442	-10.011E-6	-0.0085095	0.0
	-9.00000	-24.00000	-3.00000	0.010618	-3.3442	-10.981E-6	-0.0089950	0.0
	-8.00000	-24.00000	-3.00000	0.011026	-3.3442	-12.048E-6	-0.0095078	0.0
	-7.00000	-24.00000	-3.00000	0.011441	-3.3442	-13.221E-6	-0.010048	0.0
	-6.00000	-24.00000	-3.00000	0.011862	-3.3442	-14.508E-6	-0.010617	0.0
	-5.00000	-24.00000	-3.00000	0.012285	-3.3442	-15.918E-6	-0.011215	0.0
	-4.00000	-24.00000	-3.00000	0.012709	-3.3442	-17.461E-6	-0.011840	0.0
	-3.00000	-24.00000	-3.00000	0.013133	-3.3442	-19.145E-6	-0.012493	0.0
	-2.00000	-24.00000	-3.00000	0.013554	-3.3442	-20.979E-6	-0.013173	0.0
	-1.00000	-24.00000	-3.00000	0.013969	-3.3442	-22.970E-6	-0.013878	0.0
	0.00000	-24.00000	-3.00000	0.014377	-3.3442	-25.124E-6	-0.014605	0.0
	1.00000	-24.00000	-3.00000	0.014774	-3.3442	-27.445E-6	-0.015353	0.0
	2.00000	-24.00000	-3.00000	0.015158	-3.3442	-29.934E-6	-0.016116	0.0
	3.00000	-24.00000	-3.00000	0.015526	-3.3442	-32.591E-6	-0.016891	0.0
	4.00000	-24.00000	-3.00000	0.015876	-3.3442	-35.409E-6	-0.017671	0.0
	5.00000	-24.00000	-3.00000	0.016206	-3.3442	-38.378E-6	-0.018452	0.0
	6.00000	-24.00000	-3.00000	0.016513	-3.3442	-41.482E-6	-0.019225	0.0
	7.00000	-24.00000	-3.00000	0.016795	-3.3442	-44.697E-6	-0.019982	0.0
	8.00000	-24.00000	-3.00000	0.017052	-3.3442	-47.994E-6	-0.020715	0.0
	9.00000	-24.00000	-3.00000	0.017281	-3.3442	-51.336E-6	-0.021414	0.0
	10.00000	-24.00000	-3.00000	0.017481	-3.3442	-54.679E-6	-0.022070	0.0
	11.00000	-24.00000	-3.00000	0.017653	-3.3442	-57.972E-6	-0.022673	0.0
	12.00000	-24.00000	-3.00000	0.017795	-3.3442	-61.157E-6	-0.023213	0.0
	13.00000	-24.00000	-3.00000	0.017908	-3.3442	-64.171E-6	-0.023681	0.0
	14.00000	-24.00000	-3.00000	0.017990	-3.3442	-66.951E-6	-0.024070	0.0
	15.00000	-24.00000	-3.00000	0.018043	-3.3442	-69.431E-6	-0.024371	0.0
	16.00000	-24.00000	-3.00000	0.018065	-3.3442	-71.548E-6	-0.024579	0.0
	17.00000	-24.00000	-3.00000	0.018058	-3.3442	-73.247E-6	-0.024690	0.0
	18.00000	-24.00000	-3.00000	0.018022	-3.3442	-74.480E-6	-0.024702	0.0
	19.00000	-24.00000	-3.00000	0.017956	-3.3442	-75.210E-6	-0.024614	0.0
	20.00000	-24.00000	-3.00000	0.017861	-3.3442	-75.417E-6	-0.024428	0.0
	21.00000	-24.00000	-3.00000	0.017737	-3.3442	-75.093E-6	-0.024148	0.0
	22.00000	-24.00000	-3.00000	0.017584	-3.3442	-74.248E-6	-0.023779	0.0
	23.00000	-24.00000	-3.00000	0.017402	-3.3442	-72.905E-6	-0.023327	0.0
	24.00000	-24.00000	-3.00000	0.017193	-3.3442	-71.104E-6	-0.022802	0.0
	25.00000	-24.00000	-3.00000	0.016957	-3.3442	-68.894E-6	-0.022211	0.0
	26.00000	-24.00000	-3.00000	0.016694	-3.3442	-66.332E-6	-0.021565	0.0
	27.00000	-24.00000	-3.00000	0.016407	-3.3442	-63.482E-6	-0.020873	0.0
	28.00000	-24.00000	-3.00000	0.016096	-3.3442	-60.409E-6	-0.020145	0.0
	29.00000	-24.00000	-3.00000	0.015764	-3.3442	-57.180E-6	-0.019391	0.0
	30.00000	-24.00000	-3.00000	0.015413	-3.3442	-53.856E-6	-0.018619	0.0
	31.00000	-24.00000	-3.00000	0.015045	-3.3442	-50.493E-6	-0.017838	0.0
	32.00000	-24.00000	-3.00000	0.014662	-3.3442	-47.143E-6	-0.017055	0.0
	33.00000	-24.00000	-3.00000	0.014267	-3.3442	-43.849E-6	-0.016277	0.0
	34.00000	-24.00000	-3.00000	0.013862	-3.3442	-40.646E-6	-0.015510	0.0
	35.00000	-24.00000	-3.00000	0.013450	-3.3442	-37.563E-6	-0.014757	0.0
	36.00000	-24.00000	-3.00000	0.013032	-3.3442	-34.621E-6	-0.014024	0.0
	37.00000	-24.00000	-3.00000	0.012613	-3.3442	-31.834E-6	-0.013314	0.0
	38.00000	-24.00000	-3.00000	0.012192	-3.3442	-29.212E-6	-0.012628	0.0
	39.00000	-24.00000	-3.00000	0.011773	-3.3442	-26.760E-6	-0.011968	0.0
	40.00000	-24.00000	-3.00000	0.011358	-3.3442	-24.479E-6	-0.011336	0.0
	41.00000	-24.00000	-3.00000	0.010947	-3.3442	-22.365E-6	-0.010733	0.0
	42.00000	-24.00000	-3.00000	0.010543	-3.3442	-20.415E-6	-0.010158	0.0
	43.00000	-24.00000	-3.00000	0.010146	-3.3442	-18.621E-6	-0.0096110	0.0
	44.00000	-24.00000	-3.00000	0.0097579	-3.3442	-16.975E-6	-0.0090924	0.0
	45.00000	-24.00000	-3.00000	0.0093793	-3.3442	-15.469E-6	-0.0086012	0.0
	-10.00000	-23.00000	-3.00000	0.010627	-3.3442	-10.881E-6	-0.0089903	0.0
	-9.00000	-23.00000	-3.00000	0.011054	-3.3442	-11.973E-6	-0.0095234	0.0
	-8.00000	-23.00000	-3.00000	0.011489	-3.3442	-13.180E-6	-0.010088	0.0
	-7.00000	-23.00000	-3.00000	0.011930	-3.3442	-14.513E-6	-0.010686	0.0
	-6.00000	-23.00000	-3.00000	0.012377	-3.3442	-15.983E-6	-0.011318	0.0
	-5.00000	-23.00000	-3.00000	0.012828	-3.3442	-17.602E-6	-0.011984	0.0
	-4.00000	-23.00000	-3.00000	0.013279	-3.3442	-19.383E-6	-0.012684	0.0
	-3.00000	-23.00000	-3.00000	0.013729	-3.3442	-21.337E-6	-0.013418	0.0
	-2.00000	-23.00000	-3.00000	0.014176	-3.3442	-23.478E-6	-0.014185	0.0
	-1.00000	-23.00000	-3.00000	0.014617	-3.3442	-25.815E-6	-0.014984	0.0
	0.00000	-23.00000	-3.00000	0.015048	-3.3442	-28.359E-6	-0.015812	0.0
	1.00000	-23.00000	-3.00000	0.015467	-3.3442	-31.118E-6	-0.016667	0.0
	2.00000	-23.00000	-3.00000	0.015870	-3.3442	-34.096E-6	-0.017544	0.0
	3.00000	-23.00000	-3.00000	0.016256	-3.3442	-37.295E-6	-0.018438	0.0
	4.00000	-23.00000	-3.00000	0.016622	-3.3442	-40.710E-6	-0.019343	0.0
	5.00000	-23.00000	-3.00000	0.016964	-3.3442	-44.331E-6	-0.020252	0.0
	6.00000	-23.00000	-3.00000	0.017281	-3.3442	-48.142E-6	-0.021156	0.0
	7.00000	-23.00000	-3.00000	0.017571	-3.3442	-52.117E-6	-0.022045	0.0
	8.00000	-23.00000	-3.00000	0.017832	-3.3442	-56.220E-6	-0.022909	0.0
	9.00000	-23.00000	-3.00000	0.018064	-3.3442	-60.406E-6	-0.023737	0.0
	10.00000	-23.00000	-3.00000	0.018265	-3.3442	-64.620E-6	-0.024517	0.0
	11.00000	-23.00000	-3.00000	0.018436	-3.3442	-68.795E-6	-0.025235	0.0
	12.00000	-23.00000	-3.00000	0.018577	-3.3442	-72.856E-6	-0.025881	0.0
	13.00000	-23.00000	-3.00000	0.018686	-3.3442	-76.722E-6	-0.026443	0.0
	14.00000	-23.00000	-3.00000	0.018766	-3.3442	-80.303E-6	-0.026910	0.0
	15.00000	-23.00000	-3.00000	0.018817	-3.3442	-83.513E-6	-0.027272	0.0
	16.00000	-23.00000	-3.00000	0.018838	-3.3442	-86.264E-6	-0.027523	0.0
	17.00000	-23.00000	-3.00000	0.018830	-3.3442	-88.478E-6	-0.027657	0.0
	18.00000	-23.00000	-3.00000	0.018793	-3.3442	-90.089E-6	-0.027672	0.0
	19.00000	-23.00000	-3.00000	0.018727	-3.3442	-91.046E-6	-0.027566	0.0
	20.00000	-23.00000	-3.00000	0.018632	-3.3442	-91.318E-6	-0.027342	0.0
	21.00000	-23.00000	-3.00000	0.018508	-3.3442	-90.896E-6	-0.027004	0.0
	22.00000	-23.00000	-3.00000	0.018355	-3.3442	-89.792E-6	-0.026561	0.0
	23.00000	-23.00000	-3.00000	0.018173	-3.3442	-88.041E-6	-0.026019	0.0
	24.00000	-23.00000	-3.00000	0.017962	-3.3442	-85.697E-6	-0.025390	0.0
	25.00000	-23.00000	-3.00000	0.017722	-3.3442	-82.828E-6	-0.024685	0.0
	26.00000	-23.00000	-3.00000	0.017453	-3.3442	-79.516E-6	-0.023917	0.0
	27.00000	-23.00000	-3.00000	0.017158	-3.3442	-75.847E-6	-0.023097	0.0
	28.00000	-23.00000	-3.00000	0.016837	-3.3442	-71.912E-6	-0.022237	0.0
	29.00000	-23.00000	-3.00000	0.016493	-3.3442	-67.798E-6	-0.021350	0.0
	30.00000	-23.00000	-3.00000	0.016127	-3.3442	-63.587E-6	-0.020446	0.0
	31.00000	-23.00000	-3.00000	0.015741	-3.3442	-59.354E-6	-0.019536	0.0
	32.00000	-23.00000	-3.00000	0.015339	-3.3442	-55.163E-6	-0.018627	0.0
	33.00000	-23.00000	-3.00000	0.014922	-3.3442	-51.069E-6	-0.017728	0.0
	34.00000	-23.00000	-3.00000	0.014494	-3.3442	-47.115E-6	-0.016846	0.0
	35.00000	-23.00000	-3.00000	0.014058	-3.3442	-43.334E-6	-0.015984	0.0
	36.00000	-23.00000	-3.00000	0.013616	-3.3442	-39.750E-6	-0.015149	0.0
	37.00000	-23.00000	-3.00000	0.013170	-3.3442	-36.378E-6	-0.014343	0.0
	38.00000	-23.00000	-3.00000	0.012723	-3.3442	-33.227E-6	-0.013568	0.0
	39.00000	-23.00000	-3.00000	0.012278	-3.3442	-30.299E-6	-0.012826	0.0
	40.00000	-23.00000	-3.00000	0.011837	-3.3442	-27.592E-6	-0.012118	0.0
	41.00000	-23.00000	-3.00000	0.011400	-3.3442	-25.100E-6	-0.011445	0.0
	42.00000	-23.00000	-3.00000	0.010971	-3.3442	-22.814E-6	-0.010806	0.0
	43.00000	-23.00000	-3.00000	0.010550	-3.3442	-20.724E-6	-0.010201	0.0
	44.00000	-23.00000	-3.00000	0.010138	-3.3442	-18.817E-6	-0.0096297	0.0
	45.00000	-23.00000	-3.00000	0.0097363	-3.3442	-17.082E-6	-0.0090902	0.0
	-10.00000	-22.00000	-3.00000	0.011047	-3.3442	-11.820E-6	-0.0094976	0.0
	-9.00000	-22.00000	-3.00000	0.011500	-3.3442	-13.050E-6	-0.010083	0.0
	-8.00000	-22.00000	-3.00000	0.011961	-3.3442	-14.415E-6	-0.010705	0.0
	-7.00000	-22.00000	-3.00000	0.012430	-3.3442	-15.929E-6	-0.011367	0.0
	-6.00000	-22.00000	-3.00000	0.012905	-3.3442	-17.608E-6	-0.012068	0.0
	-5.00000	-22.00000	-3.00000	0.013382	-3.3442	-19.467E-6	-0.012811	0.0
	-4.00000	-22.00000	-3.00000	0.013861	-3.3442	-21.523E-6	-0.013595	0.0
	-3.00000	-22.00000	-3.00000	0.014338	-3.3442	-23.793E-6	-0.014421	0.0
	-2.00000	-22.00000	-3.00000	0.014810	-3.3442	-26.293E-6	-0.015288	0.0
	-1.00000	-22.00000	-3.00000	0.015274	-3.3442	-29.041E-6	-0.016195	0.0
	0.00000	-22.00000	-3.00000	0.015728	-3.3442	-32.051E-6	-0.017140	0.0
	1.00000	-22.00000	-3.00000	0.016166	-3.3442	-35.336E-6	-0.018119	0.0
	2.00000	-22.00000	-3.00000	0.016587	-3.3442	-38.906E-6	-0.019130	0.0
	3.00000	-22.00000	-3.00000	0.016988	-3.3442	-42.768E-6	-0.020165	0.0
	4.00000	-22.00000	-3.00000	0.017364	-3.3442	-46.920E-6	-0.021217	0.0
	5.00000	-22.00000	-3.00000	0.017714	-3.3442	-51.354E-6	-0.022280	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 [-]
	6.00000	-22.00000	-3.00000	0.018036	-3.3442	-56.054E-6	-0.023341	0.0
	7.00000	-22.00000	-3.00000	0.018327	-3.3442	-60.991E-6	-0.024391	0.0
	8.00000	-22.00000	-3.00000	0.018586	-3.3442	-66.124E-6	-0.025415	0.0
	9.00000	-22.00000	-3.00000	0.018814	-3.3442	-71.399E-6	-0.026400	0.0
	10.00000	-22.00000	-3.00000	0.019009	-3.3442	-76.745E-6	-0.027332	0.0
	11.00000	-22.00000	-3.00000	0.019172	-3.3442	-82.078E-6	-0.028194	0.0
	12.00000	-22.00000	-3.00000	0.019305	-3.3442	-87.298E-6	-0.028971	0.0
	13.00000	-22.00000	-3.00000	0.019407	-3.3442	-92.297E-6	-0.029649	0.0
	14.00000	-22.00000	-3.00000	0.019480	-3.3442	-96.954E-6	-0.030213	0.0
	15.00000	-22.00000	-3.00000	0.019524	-3.3442	-101.15E-6	-0.030653	0.0
	16.00000	-22.00000	-3.00000	0.019542	-3.3442	-104.76E-6	-0.030958	0.0
	17.00000	-22.00000	-3.00000	0.019532	-3.3442	-107.67E-6	-0.031121	0.0
	18.00000	-22.00000	-3.00000	0.019496	-3.3442	-109.80E-6	-0.031138	0.0
	19.00000	-22.00000	-3.00000	0.019433	-3.3442	-111.07E-6	-0.031010	0.0
	20.00000	-22.00000	-3.00000	0.019343	-3.3442	-111.43E-6	-0.030738	0.0
	21.00000	-22.00000	-3.00000	0.019225	-3.3442	-110.88E-6	-0.030329	0.0
	22.00000	-22.00000	-3.00000	0.019078	-3.3442	-109.42E-6	-0.029792	0.0
	23.00000	-22.00000	-3.00000	0.018901	-3.3442	-107.11E-6	-0.029138	0.0
	24.00000	-22.00000	-3.00000	0.018694	-3.3442	-104.03E-6	-0.028380	0.0
	25.00000	-22.00000	-3.00000	0.018457	-3.3442	-100.27E-6	-0.027534	0.0
	26.00000	-22.00000	-3.00000	0.018190	-3.3442	-95.944E-6	-0.026615	0.0
	27.00000	-22.00000	-3.00000	0.017893	-3.3442	-91.179E-6	-0.025637	0.0
	28.00000	-22.00000	-3.00000	0.017568	-3.3442	-86.096E-6	-0.024618	0.0
	29.00000	-22.00000	-3.00000	0.017215	-3.3442	-80.813E-6	-0.023570	0.0
	30.00000	-22.00000	-3.00000	0.016838	-3.3442	-75.441E-6	-0.022507	0.0
	31.00000	-22.00000	-3.00000	0.016439	-3.3442	-70.076E-6	-0.021441	0.0
	32.00000	-22.00000	-3.00000	0.016020	-3.3442	-64.803E-6	-0.020383	0.0
	33.00000	-22.00000	-3.00000	0.015584	-3.3442	-59.688E-6	-0.019341	0.0
	34.00000	-22.00000	-3.00000	0.015135	-3.3442	-54.783E-6	-0.018324	0.0
	35.00000	-22.00000	-3.00000	0.014676	-3.3442	-50.127E-6	-0.017335	0.0
	36.00000	-22.00000	-3.00000	0.014209	-3.3442	-45.746E-6	-0.016381	0.0
	37.00000	-22.00000	-3.00000	0.013738	-3.3442	-41.654E-6	-0.015465	0.0
	38.00000	-22.00000	-3.00000	0.013265	-3.3442	-37.858E-6	-0.014589	0.0
	39.00000	-22.00000	-3.00000	0.012794	-3.3442	-34.354E-6	-0.013753	0.0
	40.00000	-22.00000	-3.00000	0.012326	-3.3442	-31.136E-6	-0.012960	0.0
	41.00000	-22.00000	-3.00000	0.011863	-3.3442	-28.194E-6	-0.012209	0.0
	42.00000	-22.00000	-3.00000	0.011408	-3.3442	-25.512E-6	-0.011499	0.0
	43.00000	-22.00000	-3.00000	0.010961	-3.3442	-23.074E-6	-0.010829	0.0
	44.00000	-22.00000	-3.00000	0.010525	-3.3442	-20.864E-6	-0.010199	0.0
	45.00000	-22.00000	-3.00000	0.010100	-3.3442	-18.865E-6	-0.0096062	0.0
	-10.00000	-21.00000	-3.00000	0.011475	-3.3442	-12.834E-6	-0.010032	0.0
	-9.00000	-21.00000	-3.00000	0.011954	-3.3442	-14.217E-6	-0.010674	0.0
	-8.00000	-21.00000	-3.00000	0.012443	-3.3442	-15.759E-6	-0.011360	0.0
	-7.00000	-21.00000	-3.00000	0.012939	-3.3442	-17.479E-6	-0.012092	0.0
	-6.00000	-21.00000	-3.00000	0.013442	-3.3442	-19.396E-6	-0.012871	0.0
	-5.00000	-21.00000	-3.00000	0.013947	-3.3442	-21.531E-6	-0.013700	0.0
	-4.00000	-21.00000	-3.00000	0.014452	-3.3442	-23.905E-6	-0.014579	0.0
	-3.00000	-21.00000	-3.00000	0.014955	-3.3442	-26.542E-6	-0.015509	0.0
	-2.00000	-21.00000	-3.00000	0.015451	-3.3442	-29.465E-6	-0.016490	0.0
	-1.00000	-21.00000	-3.00000	0.015938	-3.3442	-32.698E-6	-0.017521	0.0
	0.00000	-21.00000	-3.00000	0.016410	-3.3442	-36.264E-6	-0.018601	0.0
	1.00000	-21.00000	-3.00000	0.016866	-3.3442	-40.182E-6	-0.019727	0.0
	2.00000	-21.00000	-3.00000	0.017300	-3.3442	-44.472E-6	-0.020893	0.0
	3.00000	-21.00000	-3.00000	0.017709	-3.3442	-49.146E-6	-0.022095	0.0
	4.00000	-21.00000	-3.00000	0.018090	-3.3442	-54.209E-6	-0.023324	0.0
	5.00000	-21.00000	-3.00000	0.018440	-3.3442	-59.659E-6	-0.024570	0.0
	6.00000	-21.00000	-3.00000	0.018758	-3.3442	-65.480E-6	-0.025822	0.0
	7.00000	-21.00000	-3.00000	0.019041	-3.3442	-71.643E-6	-0.027066	0.0
	8.00000	-21.00000	-3.00000	0.019289	-3.3442	-78.101E-6	-0.028286	0.0
	9.00000	-21.00000	-3.00000	0.019502	-3.3442	-84.788E-6	-0.029465	0.0
	10.00000	-21.00000	-3.00000	0.019681	-3.3442	-91.618E-6	-0.030585	0.0
	11.00000	-21.00000	-3.00000	0.019827	-3.3442	-98.481E-6	-0.031625	0.0
	12.00000	-21.00000	-3.00000	0.019942	-3.3442	-105.25E-6	-0.032567	0.0
	13.00000	-21.00000	-3.00000	0.020028	-3.3442	-111.77E-6	-0.033391	0.0
	14.00000	-21.00000	-3.00000	0.020087	-3.3442	-117.88E-6	-0.034079	0.0
	15.00000	-21.00000	-3.00000	0.020122	-3.3442	-123.42E-6	-0.034616	0.0
	16.00000	-21.00000	-3.00000	0.020133	-3.3442	-128.21E-6	-0.034989	0.0
	17.00000	-21.00000	-3.00000	0.020122	-3.3442	-132.09E-6	-0.035189	0.0
	18.00000	-21.00000	-3.00000	0.020089	-3.3442	-134.94E-6	-0.035210	0.0
	19.00000	-21.00000	-3.00000	0.020033	-3.3442	-136.63E-6	-0.035053	0.0
	20.00000	-21.00000	-3.00000	0.019954	-3.3442	-137.12E-6	-0.034720	0.0
	21.00000	-21.00000	-3.00000	0.019848	-3.3442	-136.38E-6	-0.034221	0.0
	22.00000	-21.00000	-3.00000	0.019716	-3.3442	-134.44E-6	-0.033566	0.0
	23.00000	-21.00000	-3.00000	0.019555	-3.3442	-131.36E-6	-0.032770	0.0
	24.00000	-21.00000	-3.00000	0.019363	-3.3442	-127.26E-6	-0.031852	0.0
	25.00000	-21.00000	-3.00000	0.019139	-3.3442	-122.28E-6	-0.030829	0.0
	26.00000	-21.00000	-3.00000	0.018882	-3.3442	-116.58E-6	-0.029723	0.0
	27.00000	-21.00000	-3.00000	0.018593	-3.3442	-110.33E-6	-0.028552	0.0
	28.00000	-21.00000	-3.00000	0.018271	-3.3442	-103.70E-6	-0.027335	0.0
	29.00000	-21.00000	-3.00000	0.017919	-3.3442	-96.863E-6	-0.026091	0.0
	30.00000	-21.00000	-3.00000	0.017537	-3.3442	-89.957E-6	-0.024836	0.0
	31.00000	-21.00000	-3.00000	0.017129	-3.3442	-83.113E-6	-0.023584	0.0
	32.00000	-21.00000	-3.00000	0.016698	-3.3442	-76.436E-6	-0.022348	0.0
	33.00000	-21.00000	-3.00000	0.016247	-3.3442	-70.011E-6	-0.021137	0.0
	34.00000	-21.00000	-3.00000	0.015780	-3.3442	-63.899E-6	-0.019960	0.0
	35.00000	-21.00000	-3.00000	0.015299	-3.3442	-58.143E-6	-0.018823	0.0
	36.00000	-21.00000	-3.00000	0.014809	-3.3442	-52.768E-6	-0.017732	0.0
	37.00000	-21.00000	-3.00000	0.014314	-3.3442	-47.788E-6	-0.016689	0.0
	38.00000	-21.00000	-3.00000	0.013815	-3.3442	-43.201E-6	-0.015696	0.0
	39.00000	-21.00000	-3.00000	0.013318	-3.3442	-39.000E-6	-0.014755	0.0
	40.00000	-21.00000	-3.00000	0.012823	-3.3442	-35.170E-6	-0.013865	0.0
	41.00000	-21.00000	-3.00000	0.012334	-3.3442	-31.691E-6	-0.013026	0.0
	42.00000	-21.00000	-3.00000	0.011852	-3.3442	-28.542E-6	-0.012237	0.0
	43.00000	-21.00000	-3.00000	0.011380	-3.3442	-25.698E-6	-0.011496	0.0
	44.00000	-21.00000	-3.00000	0.010919	-3.3442	-23.136E-6	-0.010801	0.0
	45.00000	-21.00000	-3.00000	0.010470	-3.3442	-20.832E-6	-0.010150	0.0
	-10.00000	-20.00000	-3.00000	0.011909	-3.3442	-13.924E-6	-0.010594	0.0
	-9.00000	-20.00000	-3.00000	0.012415	-3.3442	-15.478E-6	-0.011299	0.0
	-8.00000	-20.00000	-3.00000	0.012932	-3.3442	-17.219E-6	-0.012054	0.0
	-7.00000	-20.00000	-3.00000	0.013456	-3.3442	-19.172E-6	-0.012864	0.0
	-6.00000	-20.00000	-3.00000	0.013986	-3.3442	-21.359E-6	-0.013730	0.0
	-5.00000	-20.00000	-3.00000	0.014518	-3.3442	-23.810E-6	-0.014654	0.0
	-4.00000	-20.00000	-3.00000	0.015049	-3.3442	-26.551E-6	-0.015640	0.0
	-3.00000	-20.00000	-3.00000	0.015576	-3.3442	-29.615E-6	-0.016688	0.0
	-2.00000	-20.00000	-3.00000	0.016095	-3.3442	-33.034E-6	-0.017800	0.0
	-1.00000	-20.00000	-3.00000	0.016600	-3.3442	-36.841E-6	-0.018974	0.0
	0.00000	-20.00000	-3.00000	0.017089	-3.3442	-41.070E-6	-0.020211	0.0
	1.00000	-20.00000	-3.00000	0.017555	-3.3442	-45.752E-6	-0.021507	0.0
	2.00000	-20.00000	-3.00000	0.017996	-3.3442	-50.917E-6	-0.022857	0.0
	3.00000	-20.00000	-3.00000	0.018406	-3.3442	-56.588E-6	-0.024256	0.0
	4.00000	-20.00000	-3.00000	0.018783	-3.3442	-62.781E-6	-0.025696	0.0
	5.00000	-20.00000	-3.00000	0.019123	-3.3442	-69.503E-6	-0.027163	0.0
	6.00000	-20.00000	-3.00000	0.019424	-3.3442	-76.743E-6	-0.028646	0.0
	7.00000	-20.00000	-3.00000	0.019686	-3.3442	-84.473E-6	-0.030128	0.0
	8.00000	-20.00000	-3.00000	0.019908	-3.3442	-92.644E-6	-0.031589	0.0
	9.00000	-20.00000	-3.00000	0.020091	-3.3442	-101.18E-6	-0.033009	0.0
	10.00000	-20.00000	-3.00000	0.020239	-3.3442	-109.96E-6	-0.034363	0.0
	11.00000	-20.00000	-3.00000	0.020353	-3.3442	-118.87E-6	-0.035627	0.0
	12.00000	-20.00000	-3.00000	0.020437	-3.3442	-127.71E-6	-0.036776	0.0
	13.00000	-20.00000	-3.00000	0.020496	-3.3442	-136.31E-6	-0.037785	0.0
	14.00000	-20.00000	-3.00000	0.020532	-3.3442	-144.41E-6	-0.038631	0.0
	15.00000	-20.00000	-3.00000	0.020550	-3.3442	-151.80E-6	-0.039292	0.0
	16.00000	-20.00000	-3.00000	0.020552	-3.3442	-158.23E-6	-0.039752	0.0
	17.00000	-20.00000	-3.00000	0.020539	-3.3442	-163.47E-6	-0.039999	0.0
	18.00000	-20.00000	-3.00000	0.020512	-3.3442	-167.32E-6	-0.040026	0.0
	19.00000	-20.00000	-3.00000	0.020469	-3.3442	-169.62E-6	-0.039832	0.0
	20.00000	-20.00000	-3.00000	0.020409	-3.3442	-170.29E-6	-0.039422	0.0
	21.00000	-20.00000	-3.00000	0.020328	-3.3442	-169.29E-6	-0.038807	0.0
	22.00000	-20.00000	-3.00000	0.020224	-3.3442	-166.66E-6	-0.038001	0.0
	23.00000	-20.00000	-3.00000	0.020092	-3.3442	-162.50E-6	-0.037026	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 [-]
	24.00000	-20.00000	-3.00000	0.019930	-3.3442	-156.98E-6	-0.035904	0.0
	25.00000	-20.00000	-3.00000	0.019734	-3.3442	-150.31E-6	-0.034660	0.0
	26.00000	-20.00000	-3.00000	0.019502	-3.3442	-142.71E-6	-0.033320	0.0
	27.00000	-20.00000	-3.00000	0.019233	-3.3442	-134.43E-6	-0.031908	0.0
	28.00000	-20.00000	-3.00000	0.018927	-3.3442	-125.71E-6	-0.030449	0.0
	29.00000	-20.00000	-3.00000	0.018585	-3.3442	-116.78E-6	-0.028965	0.0
	30.00000	-20.00000	-3.00000	0.018208	-3.3442	-107.83E-6	-0.027476	0.0
	31.00000	-20.00000	-3.00000	0.017800	-3.3442	-99.038E-6	-0.025999	0.0
	32.00000	-20.00000	-3.00000	0.017364	-3.3442	-90.532E-6	-0.024549	0.0
	33.00000	-20.00000	-3.00000	0.016902	-3.3442	-82.417E-6	-0.023138	0.0
	34.00000	-20.00000	-3.00000	0.016420	-3.3442	-74.763E-6	-0.021773	0.0
	35.00000	-20.00000	-3.00000	0.015922	-3.3442	-67.618E-6	-0.020463	0.0
	36.00000	-20.00000	-3.00000	0.015412	-3.3442	-61.003E-6	-0.019212	0.0
	37.00000	-20.00000	-3.00000	0.014893	-3.3442	-54.923E-6	-0.018024	0.0
	38.00000	-20.00000	-3.00000	0.014371	-3.3442	-49.370E-6	-0.016898	0.0
	39.00000	-20.00000	-3.00000	0.013847	-3.3442	-44.324E-6	-0.015836	0.0
	40.00000	-20.00000	-3.00000	0.013326	-3.3442	-39.758E-6	-0.014838	0.0
	41.00000	-20.00000	-3.00000	0.012810	-3.3442	-35.642E-6	-0.013901	0.0
	42.00000	-20.00000	-3.00000	0.012302	-3.3442	-31.942E-6	-0.013023	0.0
	43.00000	-20.00000	-3.00000	0.011804	-3.3442	-28.624E-6	-0.012202	0.0
	44.00000	-20.00000	-3.00000	0.011317	-3.3442	-25.654E-6	-0.011436	0.0
	45.00000	-20.00000	-3.00000	0.010844	-3.3442	-22.999E-6	-0.010722	0.0
	-10.00000	-19.00000	-3.00000	0.012347	-3.3442	-15.094E-6	-0.011183	0.0
	-9.00000	-19.00000	-3.00000	0.012881	-3.3442	-16.837E-6	-0.011956	0.0
	-8.00000	-19.00000	-3.00000	0.013425	-3.3442	-18.802E-6	-0.012788	0.0
	-7.00000	-19.00000	-3.00000	0.013977	-3.3442	-21.016E-6	-0.013683	0.0
	-6.00000	-19.00000	-3.00000	0.014534	-3.3442	-23.511E-6	-0.014645	0.0
	-5.00000	-19.00000	-3.00000	0.015092	-3.3442	-26.321E-6	-0.015678	0.0
	-4.00000	-19.00000	-3.00000	0.015648	-3.3442	-29.486E-6	-0.016784	0.0
	-3.00000	-19.00000	-3.00000	0.016197	-3.3442	-33.046E-6	-0.017966	0.0
	-2.00000	-19.00000	-3.00000	0.016734	-3.3442	-37.045E-6	-0.019226	0.0
	-1.00000	-19.00000	-3.00000	0.017254	-3.3442	-41.531E-6	-0.020566	0.0
	0.00000	-19.00000	-3.00000	0.017752	-3.3442	-46.551E-6	-0.021984	0.0
	1.00000	-19.00000	-3.00000	0.018223	-3.3442	-52.152E-6	-0.023479	0.0
	2.00000	-19.00000	-3.00000	0.018661	-3.3442	-58.381E-6	-0.025046	0.0
	3.00000	-19.00000	-3.00000	0.019061	-3.3442	-65.278E-6	-0.026680	0.0
	4.00000	-19.00000	-3.00000	0.019420	-3.3442	-72.876E-6	-0.028372	0.0
	5.00000	-19.00000	-3.00000	0.019735	-3.3442	-81.195E-6	-0.030107	0.0
	6.00000	-19.00000	-3.00000	0.020003	-3.3442	-90.238E-6	-0.031872	0.0
	7.00000	-19.00000	-3.00000	0.020224	-3.3442	-99.983E-6	-0.033646	0.0
	8.00000	-19.00000	-3.00000	0.020400	-3.3442	-110.38E-6	-0.035406	0.0
	9.00000	-19.00000	-3.00000	0.020533	-3.3442	-121.34E-6	-0.037125	0.0
	10.00000	-19.00000	-3.00000	0.020627	-3.3442	-132.73E-6	-0.038774	0.0
	11.00000	-19.00000	-3.00000	0.020689	-3.3442	-144.38E-6	-0.040322	0.0
	12.00000	-19.00000	-3.00000	0.020723	-3.3442	-156.05E-6	-0.041735	0.0
	13.00000	-19.00000	-3.00000	0.020737	-3.3442	-167.48E-6	-0.042980	0.0
	14.00000	-19.00000	-3.00000	0.020737	-3.3442	-178.36E-6	-0.044028	0.0
	15.00000	-19.00000	-3.00000	0.020729	-3.3442	-188.34E-6	-0.044849	0.0
	16.00000	-19.00000	-3.00000	0.020716	-3.3442	-197.07E-6	-0.045423	0.0
	17.00000	-19.00000	-3.00000	0.020701	-3.3442	-204.23E-6	-0.045731	0.0
	18.00000	-19.00000	-3.00000	0.020684	-3.3442	-209.51E-6	-0.045765	0.0
	19.00000	-19.00000	-3.00000	0.020664	-3.3442	-212.69E-6	-0.045523	0.0
	20.00000	-19.00000	-3.00000	0.020636	-3.3442	-213.61E-6	-0.045013	0.0
	21.00000	-19.00000	-3.00000	0.020596	-3.3442	-212.24E-6	-0.044248	0.0
	22.00000	-19.00000	-3.00000	0.020539	-3.3442	-208.63E-6	-0.043249	0.0
	23.00000	-19.00000	-3.00000	0.020457	-3.3442	-202.94E-6	-0.042044	0.0
	24.00000	-19.00000	-3.00000	0.020345	-3.3442	-195.41E-6	-0.040663	0.0
	25.00000	-19.00000	-3.00000	0.020198	-3.3442	-186.35E-6	-0.039138	0.0
	26.00000	-19.00000	-3.00000	0.020011	-3.3442	-176.10E-6	-0.037502	0.0
	27.00000	-19.00000	-3.00000	0.019782	-3.3442	-165.01E-6	-0.035789	0.0
	28.00000	-19.00000	-3.00000	0.019509	-3.3442	-153.42E-6	-0.034029	0.0
	29.00000	-19.00000	-3.00000	0.019192	-3.3442	-141.65E-6	-0.032250	0.0
	30.00000	-19.00000	-3.00000	0.018834	-3.3442	-129.97E-6	-0.030475	0.0
	31.00000	-19.00000	-3.00000	0.018437	-3.3442	-118.58E-6	-0.028726	0.0
	32.00000	-19.00000	-3.00000	0.018004	-3.3442	-107.68E-6	-0.027020	0.0
	33.00000	-19.00000	-3.00000	0.017540	-3.3442	-97.372E-6	-0.025369	0.0
	34.00000	-19.00000	-3.00000	0.017050	-3.3442	-87.744E-6	-0.023784	0.0
	35.00000	-19.00000	-3.00000	0.016539	-3.3442	-78.838E-6	-0.022271	0.0
	36.00000	-19.00000	-3.00000	0.016011	-3.3442	-70.670E-6	-0.020835	0.0
	37.00000	-19.00000	-3.00000	0.015472	-3.3442	-63.229E-6	-0.019478	0.0
	38.00000	-19.00000	-3.00000	0.014927	-3.3442	-56.492E-6	-0.018200	0.0
	39.00000	-19.00000	-3.00000	0.014379	-3.3442	-50.422E-6	-0.017002	0.0
	40.00000	-19.00000	-3.00000	0.013832	-3.3442	-44.973E-6	-0.015881	0.0
	41.00000	-19.00000	-3.00000	0.013291	-3.3442	-40.100E-6	-0.014834	0.0
	42.00000	-19.00000	-3.00000	0.012756	-3.3442	-35.751E-6	-0.013858	0.0
	43.00000	-19.00000	-3.00000	0.012232	-3.3442	-31.879E-6	-0.012950	0.0
	44.00000	-19.00000	-3.00000	0.011719	-3.3442	-28.437E-6	-0.012106	0.0
	45.00000	-19.00000	-3.00000	0.011221	-3.3442	-25.380E-6	-0.011322	0.0
	-10.00000	-18.00000	-3.00000	0.012789	-3.3442	-16.345E-6	-0.011799	0.0
	-9.00000	-18.00000	-3.00000	0.013349	-3.3442	-18.298E-6	-0.012646	0.0
	-8.00000	-18.00000	-3.00000	0.013921	-3.3442	-20.511E-6	-0.013562	0.0
	-7.00000	-18.00000	-3.00000	0.014500	-3.3442	-23.019E-6	-0.014552	0.0
	-6.00000	-18.00000	-3.00000	0.015083	-3.3442	-25.861E-6	-0.015621	0.0
	-5.00000	-18.00000	-3.00000	0.015665	-3.3442	-29.083E-6	-0.016773	0.0
	-4.00000	-18.00000	-3.00000	0.016243	-3.3442	-32.733E-6	-0.018014	0.0
	-3.00000	-18.00000	-3.00000	0.016810	-3.3442	-36.868E-6	-0.019348	0.0
	-2.00000	-18.00000	-3.00000	0.017362	-3.3442	-41.546E-6	-0.020778	0.0
	-1.00000	-18.00000	-3.00000	0.017890	-3.3442	-46.832E-6	-0.022307	0.0
	0.00000	-18.00000	-3.00000	0.018390	-3.3442	-52.794E-6	-0.023936	0.0
	1.00000	-18.00000	-3.00000	0.018855	-3.3442	-59.502E-6	-0.025664	0.0
	2.00000	-18.00000	-3.00000	0.019277	-3.3442	-67.026E-6	-0.027488	0.0
	3.00000	-18.00000	-3.00000	0.019653	-3.3442	-75.431E-6	-0.029402	0.0
	4.00000	-18.00000	-3.00000	0.019976	-3.3442	-84.777E-6	-0.031397	0.0
	5.00000	-18.00000	-3.00000	0.020244	-3.3442	-95.108E-6	-0.033458	0.0
	6.00000	-18.00000	-3.00000	0.020455	-3.3442	-106.45E-6	-0.035567	0.0
	7.00000	-18.00000	-3.00000	0.020609	-3.3442	-118.79E-6	-0.037702	0.0
	8.00000	-18.00000	-3.00000	0.020710	-3.3442	-132.10E-6	-0.039834	0.0
	9.00000	-18.00000	-3.00000	0.020762	-3.3442	-146.27E-6	-0.041930	0.0
	10.00000	-18.00000	-3.00000	0.020773	-3.3442	-161.15E-6	-0.043953	0.0
	11.00000	-18.00000	-3.00000	0.020751	-3.3442	-176.51E-6	-0.045861	0.0
	12.00000	-18.00000	-3.00000	0.020708	-3.3442	-192.07E-6	-0.047613	0.0
	13.00000	-18.00000	-3.00000	0.020653	-3.3442	-207.45E-6	-0.049164	0.0
	14.00000	-18.00000	-3.00000	0.020597	-3.3442	-222.21E-6	-0.050474	0.0
	15.00000	-18.00000	-3.00000	0.020548	-3.3442	-235.86E-6	-0.051505	0.0
	16.00000	-18.00000	-3.00000	0.020514	-3.3442	-247.89E-6	-0.052226	0.0
	17.00000	-18.00000	-3.00000	0.020496	-3.3442	-257.81E-6	-0.052615	0.0
	18.00000	-18.00000	-3.00000	0.020497	-3.3442	-265.17E-6	-0.052658	0.0
	19.00000	-18.00000	-3.00000	0.020512	-3.3442	-269.62E-6	-0.052354	0.0
	20.00000	-18.00000	-3.00000	0.020536	-3.3442	-270.92E-6	-0.051713	0.0
	21.00000	-18.00000	-3.00000	0.020561	-3.3442	-269.01E-6	-0.050753	0.0
	22.00000	-18.00000	-3.00000	0.020578	-3.3442	-263.99E-6	-0.049503	0.0
	23.00000	-18.00000	-3.00000	0.020575	-3.3442	-256.08E-6	-0.048000	0.0
	24.00000	-18.00000	-3.00000	0.020544	-3.3442	-245.66E-6	-0.046284	0.0
	25.00000	-18.00000	-3.00000	0.020476	-3.3442	-233.19E-6	-0.044400	0.0
	26.00000	-18.00000	-3.00000	0.020362	-3.3442	-219.19E-6	-0.042390	0.0
	27.00000	-18.00000	-3.00000	0.020199	-3.3442	-204.16E-6	-0.040298	0.0
	28.00000	-18.00000	-3.00000	0.019983	-3.3442	-188.59E-6	-0.038161	0.0
	29.00000	-18.00000	-3.00000	0.019713	-3.3442	-172.93E-6	-0.036016	0.0
	30.00000	-18.00000	-3.00000	0.019392	-3.3442	-157.53E-6	-0.033891	0.0
	31.00000	-18.00000	-3.00000	0.019021	-3.3442	-142.69E-6	-0.031812	0.0
	32.00000	-18.00000	-3.00000	0.018604	-3.3442	-128.62E-6	-0.029796	0.0
	33.00000	-18.00000	-3.00000	0.018149	-3.3442	-115.45E-6	-0.027860	0.0
	34.00000	-18.00000	-3.00000	0.017659	-3.3442	-103.29E-6	-0.026013	0.0
	35.00000	-18.00000	-3.00000	0.017141	-3.3442	-92.144E-6	-0.024262	0.0
	36.00000	-18.00000	-3.00000	0.016601	-3.3442	-82.026E-6	-0.022611	0.0
	37.00000	-18.00000	-3.00000	0.016046	-3.3442	-72.899E-6	-0.021061	0.0
	38.00000	-18.00000	-3.00000	0.015481	-3.3442	-64.711E-6	-0.019610	0.0
	39.00000	-18.00000	-3.00000	0.014910	-3.3442	-57.399E-6	-0.018257	0.0
	40.00000	-18.00000	-3.00000	0.014339	-3.3442	-50.893E-6	-0.016997	0.0
	41.00000	-18.00000	-3.00000	0.013772	-3.3442	-45.120E-6	-0.015828	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 [-]
	42.00000	-18.00000	-3.00000	0.013212	-3.3442	-40.010E-6	-0.014743	0.0
	43.00000	-18.00000	-3.00000	0.012661	-3.3442	-35.493E-6	-0.013739	0.0
	44.00000	-18.00000	-3.00000	0.012123	-3.3442	-31.506E-6	-0.012809	0.0
	45.00000	-18.00000	-3.00000	0.011600	-3.3442	-27.989E-6	-0.011949	0.0
	-10.00000	-17.00000	-3.00000	0.013230	-3.3442	-17.677E-6	-0.012442	0.0
	-9.00000	-17.00000	-3.00000	0.013818	-3.3442	-19.863E-6	-0.013370	0.0
	-8.00000	-17.00000	-3.00000	0.014416	-3.3442	-22.352E-6	-0.014377	0.0
	-7.00000	-17.00000	-3.00000	0.015021	-3.3442	-25.187E-6	-0.015471	0.0
	-6.00000	-17.00000	-3.00000	0.015628	-3.3442	-28.421E-6	-0.016657	0.0
	-5.00000	-17.00000	-3.00000	0.016233	-3.3442	-32.109E-6	-0.017943	0.0
	-4.00000	-17.00000	-3.00000	0.016829	-3.3442	-36.316E-6	-0.019336	0.0
	-3.00000	-17.00000	-3.00000	0.017410	-3.3442	-41.114E-6	-0.020842	0.0
	-2.00000	-17.00000	-3.00000	0.017969	-3.3442	-46.584E-6	-0.022465	0.0
	-1.00000	-17.00000	-3.00000	0.018498	-3.3442	-52.813E-6	-0.024213	0.0
	0.00000	-17.00000	-3.00000	0.018989	-3.3442	-59.896E-6	-0.026086	0.0
	1.00000	-17.00000	-3.00000	0.019433	-3.3442	-67.935E-6	-0.028087	0.0
	2.00000	-17.00000	-3.00000	0.019824	-3.3442	-77.034E-6	-0.030214	0.0
	3.00000	-17.00000	-3.00000	0.020153	-3.3442	-87.296E-6	-0.032462	0.0
	4.00000	-17.00000	-3.00000	0.020416	-3.3442	-98.819E-6	-0.034822	0.0
	5.00000	-17.00000	-3.00000	0.020609	-3.3442	-111.69E-6	-0.037279	0.0
	6.00000	-17.00000	-3.00000	0.020729	-3.3442	-125.97E-6	-0.039813	0.0
	7.00000	-17.00000	-3.00000	0.020780	-3.3442	-141.68E-6	-0.042396	0.0
	8.00000	-17.00000	-3.00000	0.020765	-3.3442	-158.81E-6	-0.044994	0.0
	9.00000	-17.00000	-3.00000	0.020694	-3.3442	-177.25E-6	-0.047568	0.0
	10.00000	-17.00000	-3.00000	0.020578	-3.3442	-196.84E-6	-0.050068	0.0
	11.00000	-17.00000	-3.00000	0.020431	-3.3442	-217.30E-6	-0.052441	0.0
	12.00000	-17.00000	-3.00000	0.020270	-3.3442	-238.25E-6	-0.054633	0.0
	13.00000	-17.00000	-3.00000	0.020111	-3.3442	-259.17E-6	-0.056584	0.0
	14.00000	-17.00000	-3.00000	0.019971	-3.3442	-279.45E-6	-0.058238	0.0
	15.00000	-17.00000	-3.00000	0.019862	-3.3442	-298.38E-6	-0.059545	0.0
	16.00000	-17.00000	-3.00000	0.019795	-3.3442	-315.22E-6	-0.060462	0.0
	17.00000	-17.00000	-3.00000	0.019775	-3.3442	-329.19E-6	-0.060957	0.0
	18.00000	-17.00000	-3.00000	0.019803	-3.3442	-339.61E-6	-0.061013	0.0
	19.00000	-17.00000	-3.00000	0.019873	-3.3442	-345.93E-6	-0.060627	0.0
	20.00000	-17.00000	-3.00000	0.019977	-3.3442	-347.81E-6	-0.059811	0.0
	21.00000	-17.00000	-3.00000	0.020102	-3.3442	-345.11E-6	-0.058594	0.0
	22.00000	-17.00000	-3.00000	0.020232	-3.3442	-337.99E-6	-0.057014	0.0
	23.00000	-17.00000	-3.00000	0.020351	-3.3442	-326.82E-6	-0.055120	0.0
	24.00000	-17.00000	-3.00000	0.020443	-3.3442	-312.17E-6	-0.052970	0.0
	25.00000	-17.00000	-3.00000	0.020495	-3.3442	-294.76E-6	-0.050621	0.0
	26.00000	-17.00000	-3.00000	0.020495	-3.3442	-275.36E-6	-0.048132	0.0
	27.00000	-17.00000	-3.00000	0.020434	-3.3442	-254.72E-6	-0.045558	0.0
	28.00000	-17.00000	-3.00000	0.020308	-3.3442	-233.57E-6	-0.042949	0.0
	29.00000	-17.00000	-3.00000	0.020115	-3.3442	-212.52E-6	-0.040348	0.0
	30.00000	-17.00000	-3.00000	0.019854	-3.3442	-192.05E-6	-0.037791	0.0
	31.00000	-17.00000	-3.00000	0.019530	-3.3442	-172.55E-6	-0.035308	0.0
	32.00000	-17.00000	-3.00000	0.019148	-3.3442	-154.27E-6	-0.032920	0.0
	33.00000	-17.00000	-3.00000	0.018714	-3.3442	-137.37E-6	-0.030642	0.0
	34.00000	-17.00000	-3.00000	0.018235	-3.3442	-121.93E-6	-0.028486	0.0
	35.00000	-17.00000	-3.00000	0.017720	-3.3442	-107.94E-6	-0.026456	0.0
	36.00000	-17.00000	-3.00000	0.017175	-3.3442	-95.371E-6	-0.024555	0.0
	37.00000	-17.00000	-3.00000	0.016608	-3.3442	-84.151E-6	-0.022781	0.0
	38.00000	-17.00000	-3.00000	0.016027	-3.3442	-74.186E-6	-0.021133	0.0
	39.00000	-17.00000	-3.00000	0.015436	-3.3442	-65.372E-6	-0.019604	0.0
	40.00000	-17.00000	-3.00000	0.014843	-3.3442	-57.599E-6	-0.018190	0.0
	41.00000	-17.00000	-3.00000	0.014252	-3.3442	-50.762E-6	-0.016884	0.0
	42.00000	-17.00000	-3.00000	0.013666	-3.3442	-44.759E-6	-0.015679	0.0
	43.00000	-17.00000	-3.00000	0.013091	-3.3442	-39.494E-6	-0.014569	0.0
	44.00000	-17.00000	-3.00000	0.012527	-3.3442	-34.880E-6	-0.013546	0.0
	45.00000	-17.00000	-3.00000	0.011979	-3.3442	-30.838E-6	-0.012604	0.0
	-10.00000	-16.00000	-3.00000	0.013670	-3.3442	-19.090E-6	-0.013110	0.0
	-9.00000	-16.00000	-3.00000	0.014284	-3.3442	-21.531E-6	-0.014125	0.0
	-8.00000	-16.00000	-3.00000	0.014908	-3.3442	-24.324E-6	-0.015231	0.0
	-7.00000	-16.00000	-3.00000	0.015537	-3.3442	-27.526E-6	-0.016439	0.0
	-6.00000	-16.00000	-3.00000	0.016166	-3.3442	-31.198E-6	-0.017755	0.0
	-5.00000	-16.00000	-3.00000	0.016790	-3.3442	-35.414E-6	-0.019190	0.0
	-4.00000	-16.00000	-3.00000	0.017400	-3.3442	-40.256E-6	-0.020752	0.0
	-3.00000	-16.00000	-3.00000	0.017988	-3.3442	-45.818E-6	-0.022451	0.0
	-2.00000	-16.00000	-3.00000	0.018546	-3.3442	-52.208E-6	-0.024296	0.0
	-1.00000	-16.00000	-3.00000	0.019064	-3.3442	-59.545E-6	-0.026293	0.0
	0.00000	-16.00000	-3.00000	0.019532	-3.3442	-67.959E-6	-0.028451	0.0
	1.00000	-16.00000	-3.00000	0.019939	-3.3442	-77.596E-6	-0.030771	0.0
	2.00000	-16.00000	-3.00000	0.020275	-3.3442	-88.609E-6	-0.033257	0.0
	3.00000	-16.00000	-3.00000	0.020531	-3.3442	-101.15E-6	-0.035905	0.0
	4.00000	-16.00000	-3.00000	0.020700	-3.3442	-115.39E-6	-0.038707	0.0
	5.00000	-16.00000	-3.00000	0.020778	-3.3442	-131.47E-6	-0.041648	0.0
	6.00000	-16.00000	-3.00000	0.020763	-3.3442	-149.51E-6	-0.044706	0.0
	7.00000	-16.00000	-3.00000	0.020659	-3.3442	-169.61E-6	-0.047849	0.0
	8.00000	-16.00000	-3.00000	0.020474	-3.3442	-191.77E-6	-0.051038	0.0
	9.00000	-16.00000	-3.00000	0.020220	-3.3442	-215.95E-6	-0.054219	0.0
	10.00000	-16.00000	-3.00000	0.019916	-3.3442	-241.95E-6	-0.057334	0.0
	11.00000	-16.00000	-3.00000	0.019583	-3.3442	-269.45E-6	-0.060313	0.0
	12.00000	-16.00000	-3.00000	0.019248	-3.3442	-297.95E-6	-0.063081	0.0
	13.00000	-16.00000	-3.00000	0.018934	-3.3442	-326.76E-6	-0.065559	0.0
	14.00000	-16.00000	-3.00000	0.018668	-3.3442	-355.02E-6	-0.067672	0.0
	15.00000	-16.00000	-3.00000	0.018470	-3.3442	-381.68E-6	-0.069348	1.0097E-6
	16.00000	-16.00000	-3.00000	0.018356	-3.3442	-405.60E-6	-0.070527	1.0261E-6
	17.00000	-16.00000	-3.00000	0.018333	-3.3442	-425.63E-6	-0.071167	1.0347E-6
	18.00000	-16.00000	-3.00000	0.018403	-3.3442	-440.66E-6	-0.071240	1.0351E-6
	19.00000	-16.00000	-3.00000	0.018557	-3.3442	-449.84E-6	-0.070743	1.0273E-6
	20.00000	-16.00000	-3.00000	0.018782	-3.3442	-452.58E-6	-0.069694	1.0117E-6
	21.00000	-16.00000	-3.00000	0.019056	-3.3442	-448.69E-6	-0.068132	0.0
	22.00000	-16.00000	-3.00000	0.019355	-3.3442	-438.41E-6	-0.066111	0.0
	23.00000	-16.00000	-3.00000	0.019655	-3.3442	-422.33E-6	-0.063701	0.0
	24.00000	-16.00000	-3.00000	0.019932	-3.3442	-401.38E-6	-0.060979	0.0
	25.00000	-16.00000	-3.00000	0.020163	-3.3442	-376.67E-6	-0.058024	0.0
	26.00000	-16.00000	-3.00000	0.020332	-3.3442	-349.39E-6	-0.054916	0.0
	27.00000	-16.00000	-3.00000	0.020425	-3.3442	-320.68E-6	-0.051725	0.0
	28.00000	-16.00000	-3.00000	0.020433	-3.3442	-291.59E-6	-0.048517	0.0
	29.00000	-16.00000	-3.00000	0.020355	-3.3442	-262.99E-6	-0.045345	0.0
	30.00000	-16.00000	-3.00000	0.020189	-3.3442	-235.54E-6	-0.042253	0.0
	31.00000	-16.00000	-3.00000	0.019940	-3.3442	-209.71E-6	-0.039275	0.0
	32.00000	-16.00000	-3.00000	0.019614	-3.3442	-185.82E-6	-0.036435	0.0
	33.00000	-16.00000	-3.00000	0.019220	-3.3442	-164.00E-6	-0.033749	0.0
	34.00000	-16.00000	-3.00000	0.018767	-3.3442	-144.31E-6	-0.031226	0.0
	35.00000	-16.00000	-3.00000	0.018265	-3.3442	-126.69E-6	-0.028869	0.0
	36.00000	-16.00000	-3.00000	0.017724	-3.3442	-111.05E-6	-0.026678	0.0
	37.00000	-16.00000	-3.00000	0.017152	-3.3442	-97.233E-6	-0.024649	0.0
	38.00000	-16.00000	-3.00000	0.016560	-3.3442	-85.093E-6	-0.022775	0.0
	39.00000	-16.00000	-3.00000	0.015953	-3.3442	-74.462E-6	-0.021049	0.0
	40.00000	-16.00000	-3.00000	0.015340	-3.3442	-65.177E-6	-0.019461	0.0
	41.00000	-16.00000	-3.00000	0.014727	-3.3442	-57.084E-6	-0.018003	0.0
	42.00000	-16.00000	-3.00000	0.014118	-3.3442	-50.037E-6	-0.016666	0.0
	43.00000	-16.00000	-3.00000	0.013517	-3.3442	-43.907E-6	-0.015439	0.0
	44.00000	-16.00000	-3.00000	0.012929	-3.3442	-38.576E-6	-0.014315	0.0
	45.00000	-16.00000	-3.00000	0.012355	-3.3442	-33.938E-6	-0.013285	0.0
	-10.00000	-15.00000	-3.00000	0.014106	-3.3442	-20.582E-6	-0.013802	0.0
	-9.00000	-15.00000	-3.00000	0.014745	-3.3442	-23.301E-6	-0.014910	0.0
	-8.00000	-15.00000	-3.00000	0.015393	-3.3442	-26.430E-6	-0.016124	0.0
	-7.00000	-15.00000	-3.00000	0.016044	-3.3442	-30.036E-6	-0.017455	0.0
	-6.00000	-15.00000	-3.00000	0.016693	-3.3442	-34.199E-6	-0.018914	0.0
	-5.00000	-15.00000	-3.00000	0.017330	-3.3442	-39.008E-6	-0.020513	0.0
	-4.00000	-15.00000	-3.00000	0.017948	-3.3442	-44.571E-6	-0.022265	0.0
	-3.00000	-15.00000	-3.00000	0.018536	-3.3442	-51.010E-6	-0.024182	0.0
	-2.00000	-15.00000	-3.00000	0.019082	-3.3442	-58.466E-6	-0.026277	0.0
	-1.00000	-15.00000	-3.00000	0.019576	-3.3442	-67.098E-6	-0.028562	0.0
	0.00000	-15.00000	-3.00000	0.020002	-3.3442	-77.089E-6	-0.031048	0.0
	1.00000	-15.00000	-3.00000	0.020348	-3.3442	-88.640E-6	-0.033743	0.0
	2.00000	-15.00000	-3.00000	0.020600	-3.3442	-101.97E-6	-0.036654	0.0
	3.00000	-15.00000	-3.00000	0.020747	-3.3442	-117.33E-6	-0.039781	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 [-]
	4.00000	-15.00000	-3.00000	0.020779	-3.3442	-134.95E-6	-0.043118	0.0
	5.00000	-15.00000	-3.00000	0.020690	-3.3442	-155.09E-6	-0.046653	0.0
	6.00000	-15.00000	-3.00000	0.020479	-3.3442	-177.96E-6	-0.050362	0.0
	7.00000	-15.00000	-3.00000	0.020151	-3.3442	-203.77E-6	-0.054210	0.0
	8.00000	-15.00000	-3.00000	0.019717	-3.3442	-232.62E-6	-0.058148	0.0
	9.00000	-15.00000	-3.00000	0.019198	-3.3442	-264.52E-6	-0.062113	0.0
	10.00000	-15.00000	-3.00000	0.018620	-3.3442	-299.31E-6	-0.066027	0.0
	11.00000	-15.00000	-3.00000	0.018016	-3.3442	-336.63E-6	-0.069801	1.0184E-6
	12.00000	-15.00000	-3.00000	0.017424	-3.3442	-375.85E-6	-0.073333	1.0689E-6
	13.00000	-15.00000	-3.00000	0.016884	-3.3442	-416.05E-6	-0.076517	1.1143E-6
	14.00000	-15.00000	-3.00000	0.016433	-3.3442	-455.99E-6	-0.079247	1.1529E-6
	15.00000	-15.00000	-3.00000	0.016104	-3.3442	-494.15E-6	-0.081424	1.1835E-6
	16.00000	-15.00000	-3.00000	0.015921	-3.3442	-528.77E-6	-0.082962	1.2047E-6
	17.00000	-15.00000	-3.00000	0.015896	-3.3442	-558.02E-6	-0.083798	1.2158E-6
	18.00000	-15.00000	-3.00000	0.016029	-3.3442	-580.16E-6	-0.083895	1.2162E-6
	19.00000	-15.00000	-3.00000	0.016309	-3.3442	-593.75E-6	-0.083248	1.2060E-6
	20.00000	-15.00000	-3.00000	0.016713	-3.3442	-597.84E-6	-0.081881	1.1856E-6
	21.00000	-15.00000	-3.00000	0.017208	-3.3442	-592.12E-6	-0.079850	1.1558E-6
	22.00000	-15.00000	-3.00000	0.017758	-3.3442	-576.96E-6	-0.077234	1.1178E-6
	23.00000	-15.00000	-3.00000	0.018324	-3.3442	-553.36E-6	-0.074130	1.0729E-6
	24.00000	-15.00000	-3.00000	0.018870	-3.3442	-522.81E-6	-0.070646	1.0226E-6
	25.00000	-15.00000	-3.00000	0.019363	-3.3442	-487.11E-6	-0.066893	0.0
	26.00000	-15.00000	-3.00000	0.019777	-3.3442	-448.11E-6	-0.062975	0.0
	27.00000	-15.00000	-3.00000	0.020092	-3.3442	-407.59E-6	-0.058988	0.0
	28.00000	-15.00000	-3.00000	0.020296	-3.3442	-367.07E-6	-0.055016	0.0
	29.00000	-15.00000	-3.00000	0.020384	-3.3442	-327.78E-6	-0.051125	0.0
	30.00000	-15.00000	-3.00000	0.020356	-3.3442	-290.62E-6	-0.047368	0.0
	31.00000	-15.00000	-3.00000	0.020218	-3.3442	-256.15E-6	-0.043783	0.0
	32.00000	-15.00000	-3.00000	0.019979	-3.3442	-224.71E-6	-0.040395	0.0
	33.00000	-15.00000	-3.00000	0.019649	-3.3442	-196.42E-6	-0.037219	0.0
	34.00000	-15.00000	-3.00000	0.019240	-3.3442	-171.21E-6	-0.034261	0.0
	35.00000	-15.00000	-3.00000	0.018766	-3.3442	-148.96E-6	-0.031521	0.0
	36.00000	-15.00000	-3.00000	0.018239	-3.3442	-129.44E-6	-0.028994	0.0
	37.00000	-15.00000	-3.00000	0.017672	-3.3442	-112.41E-6	-0.026671	0.0
	38.00000	-15.00000	-3.00000	0.017074	-3.3442	-97.618E-6	-0.024541	0.0
	39.00000	-15.00000	-3.00000	0.016456	-3.3442	-84.798E-6	-0.022592	0.0
	40.00000	-15.00000	-3.00000	0.015827	-3.3442	-73.714E-6	-0.020811	0.0
	41.00000	-15.00000	-3.00000	0.015193	-3.3442	-64.142E-6	-0.019185	0.0
	42.00000	-15.00000	-3.00000	0.014562	-3.3442	-55.882E-6	-0.017702	0.0
	43.00000	-15.00000	-3.00000	0.013938	-3.3442	-48.756E-6	-0.016349	0.0
	44.00000	-15.00000	-3.00000	0.013326	-3.3442	-42.606E-6	-0.015115	0.0
	45.00000	-15.00000	-3.00000	0.012729	-3.3442	-37.296E-6	-0.013989	0.0
	-10.00000	-14.00000	-3.00000	0.014534	-3.3442	-22.149E-6	-0.014515	0.0
	-9.00000	-14.00000	-3.00000	0.015198	-3.3442	-25.170E-6	-0.015723	0.0
	-8.00000	-14.00000	-3.00000	0.015868	-3.3442	-28.665E-6	-0.017053	0.0
	-7.00000	-14.00000	-3.00000	0.016539	-3.3442	-32.717E-6	-0.018518	0.0
	-6.00000	-14.00000	-3.00000	0.017202	-3.3442	-37.424E-6	-0.020133	0.0
	-5.00000	-14.00000	-3.00000	0.017848	-3.3442	-42.899E-6	-0.021914	0.0
	-4.00000	-14.00000	-3.00000	0.018466	-3.3442	-49.277E-6	-0.023876	0.0
	-3.00000	-14.00000	-3.00000	0.019043	-3.3442	-56.715E-6	-0.026037	0.0
	-2.00000	-14.00000	-3.00000	0.019566	-3.3442	-65.398E-6	-0.028416	0.0
	-1.00000	-14.00000	-3.00000	0.020016	-3.3442	-75.541E-6	-0.031030	0.0
	0.00000	-14.00000	-3.00000	0.020378	-3.3442	-87.390E-6	-0.033896	0.0
	1.00000	-14.00000	-3.00000	0.020634	-3.3442	-101.23E-6	-0.037030	0.0
	2.00000	-14.00000	-3.00000	0.020765	-3.3442	-117.37E-6	-0.040443	0.0
	3.00000	-14.00000	-3.00000	0.020756	-3.3442	-136.17E-6	-0.044144	0.0
	4.00000	-14.00000	-3.00000	0.020594	-3.3442	-158.00E-6	-0.048132	0.0
	5.00000	-14.00000	-3.00000	0.020269	-3.3442	-183.27E-6	-0.052398	0.0
	6.00000	-14.00000	-3.00000	0.019780	-3.3442	-212.37E-6	-0.056919	0.0
	7.00000	-14.00000	-3.00000	0.019134	-3.3442	-245.65E-6	-0.061657	0.0
	8.00000	-14.00000	-3.00000	0.018346	-3.3442	-283.40E-6	-0.066555	0.0
	9.00000	-14.00000	-3.00000	0.017446	-3.3442	-325.77E-6	-0.071536	1.0446E-6
	10.00000	-14.00000	-3.00000	0.016473	-3.3442	-372.71E-6	-0.076501	1.1160E-6
	11.00000	-14.00000	-3.00000	0.015476	-3.3442	-423.86E-6	-0.081331	1.1852E-6
	12.00000	-14.00000	-3.00000	0.014512	-3.3442	-478.47E-6	-0.085891	1.2503E-6
	13.00000	-14.00000	-3.00000	0.013640	-3.3442	-535.32E-6	-0.090033	1.3091E-6
	14.00000	-14.00000	-3.00000	0.012919	-3.3442	-592.67E-6	-0.093607	1.3594E-6
	15.00000	-14.00000	-3.00000	0.012398	-3.3442	-648.24E-6	-0.096473	1.3994E-6
	16.00000	-14.00000	-3.00000	0.012115	-3.3442	-699.32E-6	-0.098507	1.4272E-6
	17.00000	-14.00000	-3.00000	0.012088	-3.3442	-742.97E-6	-0.099616	1.4417E-6
	18.00000	-14.00000	-3.00000	0.012317	-3.3442	-776.32E-6	-0.099748	1.4422E-6
	19.00000	-14.00000	-3.00000	0.012784	-3.3442	-796.95E-6	-0.098892	1.4280E-6
	20.00000	-14.00000	-3.00000	0.013452	-3.3442	-803.22E-6	-0.097085	1.4016E-6
	21.00000	-14.00000	-3.00000	0.014273	-3.3442	-794.60E-6	-0.094407	1.3623E-6
	22.00000	-14.00000	-3.00000	0.015189	-3.3442	-771.71E-6	-0.090974	1.3125E-6
	23.00000	-14.00000	-3.00000	0.016142	-3.3442	-736.26E-6	-0.086925	1.2541E-6
	24.00000	-14.00000	-3.00000	0.017077	-3.3442	-690.75E-6	-0.082413	1.1894E-6
	25.00000	-14.00000	-3.00000	0.017946	-3.3442	-638.14E-6	-0.077592	1.1203E-6
	26.00000	-14.00000	-3.00000	0.018709	-3.3442	-581.42E-6	-0.072607	1.0491E-6
	27.00000	-14.00000	-3.00000	0.019340	-3.3442	-523.32E-6	-0.067584	0.0
	28.00000	-14.00000	-3.00000	0.019820	-3.3442	-466.12E-6	-0.062631	0.0
	29.00000	-14.00000	-3.00000	0.020144	-3.3442	-411.54E-6	-0.057829	0.0
	30.00000	-14.00000	-3.00000	0.020312	-3.3442	-360.74E-6	-0.053240	0.0
	31.00000	-14.00000	-3.00000	0.020332	-3.3442	-314.39E-6	-0.048907	0.0
	32.00000	-14.00000	-3.00000	0.020217	-3.3442	-272.78E-6	-0.044853	0.0
	33.00000	-14.00000	-3.00000	0.019980	-3.3442	-235.90E-6	-0.041089	0.0
	34.00000	-14.00000	-3.00000	0.019639	-3.3442	-203.54E-6	-0.037616	0.0
	35.00000	-14.00000	-3.00000	0.019211	-3.3442	-175.37E-6	-0.034428	0.0
	36.00000	-14.00000	-3.00000	0.018712	-3.3442	-150.99E-6	-0.031512	0.0
	37.00000	-14.00000	-3.00000	0.018159	-3.3442	-129.99E-6	-0.028853	0.0
	38.00000	-14.00000	-3.00000	0.017564	-3.3442	-111.96E-6	-0.026433	0.0
	39.00000	-14.00000	-3.00000	0.016940	-3.3442	-96.508E-6	-0.024235	0.0
	40.00000	-14.00000	-3.00000	0.016299	-3.3442	-83.290E-6	-0.022239	0.0
	41.00000	-14.00000	-3.00000	0.015649	-3.3442	-71.987E-6	-0.020428	0.0
	42.00000	-14.00000	-3.00000	0.014998	-3.3442	-62.323E-6	-0.018785	0.0
	43.00000	-14.00000	-3.00000	0.014352	-3.3442	-54.056E-6	-0.017295	0.0
	44.00000	-14.00000	-3.00000	0.013717	-3.3442	-46.979E-6	-0.015943	0.0
	45.00000	-14.00000	-3.00000	0.013096	-3.3442	-40.913E-6	-0.014716	0.0
	-10.00000	-13.00000	-3.00000	0.014953	-3.3442	-23.785E-6	-0.015246	0.0
	-9.00000	-13.00000	-3.00000	0.015639	-3.3442	-27.131E-6	-0.016560	0.0
	-8.00000	-13.00000	-3.00000	0.016329	-3.3442	-31.024E-6	-0.018014	0.0
	-7.00000	-13.00000	-3.00000	0.017015	-3.3442	-35.564E-6	-0.019625	0.0
	-6.00000	-13.00000	-3.00000	0.017688	-3.3442	-40.871E-6	-0.021409	0.0
	-5.00000	-13.00000	-3.00000	0.018337	-3.3442	-47.086E-6	-0.023388	0.0
	-4.00000	-13.00000	-3.00000	0.018947	-3.3442	-54.378E-6	-0.025583	0.0
	-3.00000	-13.00000	-3.00000	0.019502	-3.3442	-62.950E-6	-0.028018	0.0
	-2.00000	-13.00000	-3.00000	0.019983	-3.3442	-73.041E-6	-0.030716	0.0
	-1.00000	-13.00000	-3.00000	0.020370	-3.3442	-84.935E-6	-0.033705	0.0
	0.00000	-13.00000	-3.00000	0.020640	-3.3442	-98.964E-6	-0.037010	0.0
	1.00000	-13.00000	-3.00000	0.020769	-3.3442	-115.52E-6	-0.040655	0.0
	2.00000	-13.00000	-3.00000	0.020733	-3.3442	-135.05E-6	-0.044664	0.0
	3.00000	-13.00000	-3.00000	0.020509	-3.3442	-158.06E-6	-0.049053	0.0
	4.00000	-13.00000	-3.00000	0.020078	-3.3442	-185.13E-6	-0.053833	0.0
	5.00000	-13.00000	-3.00000	0.019427	-3.3442	-216.89E-6	-0.059000	0.0
	6.00000	-13.00000	-3.00000	0.018551	-3.3442	-253.98E-6	-0.064538	0.0
	7.00000	-13.00000	-3.00000	0.017460	-3.3442	-297.05E-6	-0.070408	1.0291E-6
	8.00000	-13.00000	-3.00000	0.016174	-3.3442	-346.69E-6	-0.076545	1.1178E-6
	9.00000	-13.00000	-3.00000	0.014734	-3.3442	-403.34E-6	-0.082857	1.2087E-6
	10.00000	-13.00000	-3.00000	0.013195	-3.3442	-467.18E-6	-0.089218	1.3000E-6
	11.00000	-13.00000	-3.00000	0.011631	-3.3442	-537.99E-6	-0.095470	1.3895E-6
	12.00000	-13.00000	-3.00000	0.010127	-3.3442	-614.95E-6	-0.10143	1.4743E-6
	13.00000	-13.00000	-3.00000	0.0087726	-3.3442	-696.52E-6	-0.10689	1.5515E-6
	14.00000	-13.00000	-3.00000	0.0076564	-3.3442	-780.26E-6	-0.11164	1.6180E-6
	15.00000	-13.00000	-3.00000	0.0068553	-3.3442	-862.76E-6	-0.11547	1.6711E-6
	16.00000	-13.00000	-3.00000	0.0064258	-3.3442	-939.77E-6	-0.11820	1.7081E-6
	17.00000	-13.00000	-3.00000	0.0063980	-3.3442	-0.0010065	-0.11970	1.7273E-6
	18.00000	-13.00000	-3.00000	0.0067713	-3.3442	-0.0010580	-0.11988	1.7277E-6
	19.00000	-13.00000	-3.00000	0.0075154	-3.3442	-0.0010901	-0.11873	1.7093E-6
	20.00000	-13.00000	-3.00000	0.0085738	-3.3442	-0.0011000	-0.11630	1.6729E-6
	21.00000	-13.00000	-3.00000	0.0098705	-3.3442	-0.0010867	-0.11272	1.6204E-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 [-]
	22.00000	-13.00000	-3.00000	0.011319	-3.3442	-0.0010512	-0.10814	1.5542E-6
	23.00000	-13.00000	-3.00000	0.012831	-3.3442	-996.56E-6	-0.10278	1.4773E-6
	24.00000	-13.00000	-3.00000	0.014323	-3.3442	-927.15E-6	-0.096863	1.3928E-6
	25.00000	-13.00000	-3.00000	0.015725	-3.3442	-847.94E-6	-0.090600	1.3036E-6
	26.00000	-13.00000	-3.00000	0.016981	-3.3442	-763.84E-6	-0.084191	1.2124E-6
	27.00000	-13.00000	-3.00000	0.018053	-3.3442	-679.15E-6	-0.077807	1.1217E-6
	28.00000	-13.00000	-3.00000	0.018918	-3.3442	-597.25E-6	-0.071583	1.0332E-6
	29.00000	-13.00000	-3.00000	0.019568	-3.3442	-520.53E-6	-0.065621	0.0
	30.00000	-13.00000	-3.00000	0.020006	-3.3442	-450.44E-6	-0.059990	0.0
	31.00000	-13.00000	-3.00000	0.020243	-3.3442	-387.64E-6	-0.054732	0.0
	32.00000	-13.00000	-3.00000	0.020298	-3.3442	-332.26E-6	-0.049867	0.0
	33.00000	-13.00000	-3.00000	0.020192	-3.3442	-284.00E-6	-0.045399	0.0
	34.00000	-13.00000	-3.00000	0.019947	-3.3442	-242.34E-6	-0.041318	0.0
	35.00000	-13.00000	-3.00000	0.019587	-3.3442	-206.62E-6	-0.037606	0.0
	36.00000	-13.00000	-3.00000	0.019133	-3.3442	-176.15E-6	-0.034242	0.0
	37.00000	-13.00000	-3.00000	0.018605	-3.3442	-150.26E-6	-0.031200	0.0
	38.00000	-13.00000	-3.00000	0.018023	-3.3442	-128.30E-6	-0.028453	0.0
	39.00000	-13.00000	-3.00000	0.017400	-3.3442	-109.71E-6	-0.025976	0.0
	40.00000	-13.00000	-3.00000	0.016752	-3.3442	-93.979E-6	-0.023742	0.0
	41.00000	-13.00000	-3.00000	0.016089	-3.3442	-80.662E-6	-0.021729	0.0
	42.00000	-13.00000	-3.00000	0.015421	-3.3442	-69.382E-6	-0.019913	0.0
	43.00000	-13.00000	-3.00000	0.014755	-3.3442	-59.817E-6	-0.018275	0.0
	44.00000	-13.00000	-3.00000	0.014098	-3.3442	-51.695E-6	-0.016797	0.0
	45.00000	-13.00000	-3.00000	0.013455	-3.3442	-44.786E-6	-0.015460	0.0
	-10.00000	-12.00000	-3.00000	0.015360	-3.3442	-25.481E-6	-0.015991	0.0
	-9.00000	-12.00000	-3.00000	0.016066	-3.3442	-29.175E-6	-0.017418	0.0
	-8.00000	-12.00000	-3.00000	0.016772	-3.3442	-33.497E-6	-0.019004	0.0
	-7.00000	-12.00000	-3.00000	0.017470	-3.3442	-38.567E-6	-0.020770	0.0
	-6.00000	-12.00000	-3.00000	0.018148	-3.3442	-44.531E-6	-0.022738	0.0
	-5.00000	-12.00000	-3.00000	0.018792	-3.3442	-51.563E-6	-0.024933	0.0
	-4.00000	-12.00000	-3.00000	0.019383	-3.3442	-59.875E-6	-0.027384	0.0
	-3.00000	-12.00000	-3.00000	0.019901	-3.3442	-69.723E-6	-0.030122	0.0
	-2.00000	-12.00000	-3.00000	0.020323	-3.3442	-81.417E-6	-0.033180	0.0
	-1.00000	-12.00000	-3.00000	0.020621	-3.3442	-95.328E-6	-0.036594	0.0
	0.00000	-12.00000	-3.00000	0.020765	-3.3442	-111.90E-6	-0.040403	0.0
	1.00000	-12.00000	-3.00000	0.020723	-3.3442	-131.67E-6	-0.044645	0.0
	2.00000	-12.00000	-3.00000	0.020461	-3.3442	-155.26E-6	-0.049356	0.0
	3.00000	-12.00000	-3.00000	0.019947	-3.3442	-183.41E-6	-0.054570	0.0
	4.00000	-12.00000	-3.00000	0.019153	-3.3442	-216.97E-6	-0.060313	0.0
	5.00000	-12.00000	-3.00000	0.018059	-3.3442	-256.91E-6	-0.066595	0.0
	6.00000	-12.00000	-3.00000	0.016655	-3.3442	-304.28E-6	-0.073412	1.0733E-6
	7.00000	-12.00000	-3.00000	0.014948	-3.3442	-360.19E-6	-0.080729	1.1791E-6
	8.00000	-12.00000	-3.00000	0.012967	-3.3442	-425.76E-6	-0.088478	1.2909E-6
	9.00000	-12.00000	-3.00000	0.010765	-3.3442	-501.96E-6	-0.096550	1.4070E-6
	10.00000	-12.00000	-3.00000	0.0084222	-3.3442	-589.48E-6	-0.10479	1.5251E-6
	11.00000	-12.00000	-3.00000	0.0060448	-3.3442	-688.48E-6	-0.11298	1.6420E-6
	12.00000	-12.00000	-3.00000	0.0037586	-3.3442	-798.29E-6	-0.12087	1.7539E-6
	13.00000	-12.00000	-3.00000	0.0017006	-3.3442	-917.10E-6	-0.12818	1.8568E-6
	14.00000	-12.00000	-3.00000	6.0664E-6	-3.3442	-0.0010416	-0.13458	1.9461E-6
	15.00000	-12.00000	-3.00000	-0.0012065	-3.3442	-0.0011666	-0.13979	2.0177E-6
	16.00000	-12.00000	-3.00000	-0.0018491	-3.3442	-0.0012855	-0.14353	2.0677E-6
	17.00000	-12.00000	-3.00000	-0.0018755	-3.3442	-0.0013902	-0.14559	2.0936E-6
	18.00000	-12.00000	-3.00000	-0.0012869	-3.3442	-0.0014721	-0.14585	2.0937E-6
	19.00000	-12.00000	-3.00000	-131.70E-6	-3.3442	-0.0015238	-0.14427	2.0682E-6
	20.00000	-12.00000	-3.00000	0.0015016	-3.3442	-0.0015399	-0.14095	2.0183E-6
	21.00000	-12.00000	-3.00000	0.0034951	-3.3442	-0.0015185	-0.13606	1.9468E-6
	22.00000	-12.00000	-3.00000	0.0057162	-3.3442	-0.0014618	-0.12986	1.8576E-6
	23.00000	-12.00000	-3.00000	0.0080309	-3.3442	-0.0013751	-0.12266	1.7548E-6
	24.00000	-12.00000	-3.00000	0.010317	-3.3442	-0.0012664	-0.11478	1.6430E-6
	25.00000	-12.00000	-3.00000	0.012471	-3.3442	-0.0011443	-0.10654	1.5264E-6
	26.00000	-12.00000	-3.00000	0.014415	-3.3442	-0.0010170	-0.098210	1.4087E-6
	27.00000	-12.00000	-3.00000	0.016096	-3.3442	-891.32E-6	-0.090019	1.2931E-6
	28.00000	-12.00000	-3.00000	0.017487	-3.3442	-772.35E-6	-0.082140	1.1817E-6
	29.00000	-12.00000	-3.00000	0.018579	-3.3442	-663.24E-6	-0.074693	1.0763E-6
	30.00000	-12.00000	-3.00000	0.019380	-3.3442	-565.63E-6	-0.067750	0.0
	31.00000	-12.00000	-3.00000	0.019909	-3.3442	-479.98E-6	-0.061350	0.0
	32.00000	-12.00000	-3.00000	0.020193	-3.3442	-405.90E-6	-0.055499	0.0
	33.00000	-12.00000	-3.00000	0.020262	-3.3442	-342.55E-6	-0.050187	0.0
	34.00000	-12.00000	-3.00000	0.020148	-3.3442	-288.81E-6	-0.045388	0.0
	35.00000	-12.00000	-3.00000	0.019881	-3.3442	-243.49E-6	-0.041068	0.0
	36.00000	-12.00000	-3.00000	0.019491	-3.3442	-205.42E-6	-0.037189	0.0
	37.00000	-12.00000	-3.00000	0.019005	-3.3442	-173.53E-6	-0.033712	0.0
	38.00000	-12.00000	-3.00000	0.018445	-3.3442	-146.84E-6	-0.030598	0.0
	39.00000	-12.00000	-3.00000	0.017831	-3.3442	-124.52E-6	-0.027811	0.0
	40.00000	-12.00000	-3.00000	0.017182	-3.3442	-105.84E-6	-0.025317	0.0
	41.00000	-12.00000	-3.00000	0.016510	-3.3442	-90.192E-6	-0.023082	0.0
	42.00000	-12.00000	-3.00000	0.015828	-3.3442	-77.067E-6	-0.021080	0.0
	43.00000	-12.00000	-3.00000	0.015145	-3.3442	-66.037E-6	-0.019284	0.0
	44.00000	-12.00000	-3.00000	0.014469	-3.3442	-56.747E-6	-0.017670	0.0
	45.00000	-12.00000	-3.00000	0.013805	-3.3442	-48.906E-6	-0.016219	0.0
	-10.00000	-11.00000	-3.00000	0.015751	-3.3442	-27.227E-6	-0.016746	0.0
	-9.00000	-11.00000	-3.00000	0.016474	-3.3442	-31.290E-6	-0.018291	0.0
	-8.00000	-11.00000	-3.00000	0.017194	-3.3442	-36.071E-6	-0.020017	0.0
	-7.00000	-11.00000	-3.00000	0.017900	-3.3442	-41.711E-6	-0.021948	0.0
	-6.00000	-11.00000	-3.00000	0.018576	-3.3442	-48.387E-6	-0.024112	0.0
	-5.00000	-11.00000	-3.00000	0.019206	-3.3442	-56.314E-6	-0.026542	0.0
	-4.00000	-11.00000	-3.00000	0.019767	-3.3442	-65.754E-6	-0.029272	0.0
	-3.00000	-11.00000	-3.00000	0.020233	-3.3442	-77.028E-6	-0.032345	0.0
	-2.00000	-11.00000	-3.00000	0.020573	-3.3442	-90.532E-6	-0.035804	0.0
	-1.00000	-11.00000	-3.00000	0.020753	-3.3442	-106.75E-6	-0.039699	0.0
	0.00000	-11.00000	-3.00000	0.020731	-3.3442	-126.27E-6	-0.044084	0.0
	1.00000	-11.00000	-3.00000	0.020464	-3.3442	-149.81E-6	-0.049017	0.0
	2.00000	-11.00000	-3.00000	0.019907	-3.3442	-178.24E-6	-0.054555	0.0
	3.00000	-11.00000	-3.00000	0.019012	-3.3442	-212.62E-6	-0.060756	0.0
	4.00000	-11.00000	-3.00000	0.017738	-3.3442	-254.19E-6	-0.067670	0.0
	5.00000	-11.00000	-3.00000	0.016050	-3.3442	-304.42E-6	-0.075334	1.1017E-6
	6.00000	-11.00000	-3.00000	0.013931	-3.3442	-364.97E-6	-0.083763	1.2238E-6
	7.00000	-11.00000	-3.00000	0.011383	-3.3442	-437.73E-6	-0.092941	1.3565E-6
	8.00000	-11.00000	-3.00000	0.0084387	-3.3442	-524.65E-6	-0.10280	1.4986E-6
	9.00000	-11.00000	-3.00000	0.0051696	-3.3442	-627.72E-6	-0.11323	1.6483E-6
	10.00000	-11.00000	-3.00000	0.0016865	-3.3442	-748.61E-6	-0.12401	1.8026E-6
	11.00000	-11.00000	-3.00000	-0.0018581	-3.3442	-888.41E-6	-0.13489	1.9574E-6
	12.00000	-11.00000	-3.00000	-0.0052772	-3.3442	-0.0010471	-0.14550	2.1075E-6
	13.00000	-11.00000	-3.00000	-0.0083631	-3.3442	-0.0012228	-0.15544	2.2468E-6
	14.00000	-11.00000	-3.00000	-0.010908	-3.3442	-0.0014113	-0.16424	2.3687E-6
	15.00000	-11.00000	-3.00000	-0.012727	-3.3442	-0.0016052	-0.17145	2.4669E-6
	16.00000	-11.00000	-3.00000	-0.013683	-3.3442	-0.0017936	-0.17667	2.5358E-6
	17.00000	-11.00000	-3.00000	-0.013704	-3.3442	-0.0019628	-0.17956	2.5711E-6
	18.00000	-11.00000	-3.00000	-0.012792	-3.3442	-0.0020975	-0.17993	2.5706E-6
	19.00000	-11.00000	-3.00000	-0.011025	-3.3442	-0.0021835	-0.17774	2.5343E-6
	20.00000	-11.00000	-3.00000	-0.0085426	-3.3442	-0.0022106	-0.17310	2.4644E-6
	21.00000	-11.00000	-3.00000	-0.0055282	-3.3442	-0.0021752	-0.16630	2.3653E-6
	22.00000	-11.00000	-3.00000	-0.0021861	-3.3442	-0.0020812	-0.15774	2.2427E-6
	23.00000	-11.00000	-3.00000	0.0012811	-3.3442	-0.0019392	-0.14788	2.1032E-6
	24.00000	-11.00000	-3.00000	0.0046923	-3.3442	-0.0017637	-0.13723	1.9533E-6
	25.00000	-11.00000	-3.00000	0.0078997	-3.3442	-0.0015704	-0.12623	1.7990E-6
	26.00000	-11.00000	-3.00000	0.010795	-3.3442	-0.0013734	-0.11528	1.6456E-6
	27.00000	-11.00000	-3.00000	0.013310	-3.3442	-0.0011835	-0.10467	1.4970E-6
	28.00000	-11.00000	-3.00000	0.015411	-3.3442	-0.0010080	-0.094622	1.3560E-6
	29.00000	-11.00000	-3.00000	0.017094	-3.3442	-851.08E-6	-0.085264	1.2245E-6
	30.00000	-11.00000	-3.00000	0.018376	-3.3442	-713.99E-6	-0.076669	1.1033E-6
	31.00000	-11.00000	-3.00000	0.019288	-3.3442	-596.43E-6	-0.068855	0.0
	32.00000	-11.00000	-3.00000	0.019871	-3.3442	-496.96E-6	-0.061807	0.0
	33.00000	-11.00000	-3.00000	0.020169	-3.3442	-413.61E-6	-0.055487	0.0
	34.00000	-11.00000	-3.00000	0.020225	-3.3442	-344.24E-6	-0.049844	0.0
	35.00000	-11.00000	-3.00000	0.020082	-3.3442	-286.77E-6	-0.044818	0.0
	36.00000	-11.00000	-3.00000	0.019779	-3.3442	-239.27E-6	-0.040352	0.0
	37.00000	-11.00000	-3.00000	0.019350	-3.3442	-200.07E-6	-0.036385	0.0
	38.00000	-11.00000	-3.00000	0.018825	-3.3442	-167.72E-6	-0.032863	0.0
	39.00000	-11.00000	-3.00000	0.018229	-3.3442	-141.00E-6	-0.029735	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 [-]	
	40.00000	-11.00000	-3.00000	0.017585	-3.3442	-118.90E-6	-0.026955	0.0	
	41.00000	-11.00000	-3.00000	0.016909	-3.3442	-100.58E-6	-0.024482	0.0	
	42.00000	-11.00000	-3.00000	0.016217	-3.3442	-85.369E-6	-0.022280	0.0	
	43.00000	-11.00000	-3.00000	0.015519	-3.3442	-72.699E-6	-0.020315	0.0	
	44.00000	-11.00000	-3.00000	0.014825	-3.3442	-62.117E-6	-0.018559	0.0	
	45.00000	-11.00000	-3.00000	0.014142	-3.3442	-53.252E-6	-0.016988	0.0	
	-10.00000	-10.00000	-3.00000	0.016125	-3.3442	-29.008E-6	-0.017505	0.0	
	-9.00000	-10.00000	-3.00000	0.016862	-3.3442	-33.460E-6	-0.019172	0.0	
	-8.00000	-10.00000	-3.00000	0.017592	-3.3442	-38.725E-6	-0.021044	0.0	
	-7.00000	-10.00000	-3.00000	0.018300	-3.3442	-44.974E-6	-0.023150	0.0	
	-6.00000	-10.00000	-3.00000	0.018968	-3.3442	-52.417E-6	-0.025523	0.0	
	-5.00000	-10.00000	-3.00000	0.019575	-3.3442	-61.314E-6	-0.028204	0.0	
	-4.00000	-10.00000	-3.00000	0.020092	-3.3442	-71.988E-6	-0.031238	0.0	
	-3.00000	-10.00000	-3.00000	0.020488	-3.3442	-84.840E-6	-0.034676	0.0	
	-2.00000	-10.00000	-3.00000	0.020723	-3.3442	-100.37E-6	-0.038579	0.0	
	-1.00000	-10.00000	-3.00000	0.020751	-3.3442	-119.20E-6	-0.043013	0.0	
	0.00000	-10.00000	-3.00000	0.020518	-3.3442	-142.10E-6	-0.048054	0.0	
	1.00000	-10.00000	-3.00000	0.019965	-3.3442	-170.04E-6	-0.053784	0.0	
	2.00000	-10.00000	-3.00000	0.019029	-3.3442	-204.21E-6	-0.060292	0.0	
	3.00000	-10.00000	-3.00000	0.017642	-3.3442	-246.08E-6	-0.067669	0.0	
	4.00000	-10.00000	-3.00000	0.015742	-3.3442	-297.48E-6	-0.076005	1.1120E-6	
	5.00000	-10.00000	-3.00000	0.013273	-3.3442	-360.58E-6	-0.085380	1.2480E-6	
	6.00000	-10.00000	-3.00000	0.010199	-3.3442	-438.00E-6	-0.095849	1.3995E-6	
	7.00000	-10.00000	-3.00000	0.0065114	-3.3442	-532.80E-6	-0.10743	1.5668E-6	
	8.00000	-10.00000	-3.00000	0.0022447	-3.3442	-648.39E-6	-0.12008	1.7489E-6	
	9.00000	-10.00000	-3.00000	-0.0025135	-3.3442	-788.46E-6	-0.13368	1.9440E-6	
	10.00000	-10.00000	-3.00000	-0.0076116	-3.3442	-956.63E-6	-0.14798	2.1483E-6	
	11.00000	-10.00000	-3.00000	-0.012832	-3.3442	-0.0011560	-0.16264	2.3563E-6	
	12.00000	-10.00000	-3.00000	-0.017898	-3.3442	-0.0013881	-0.17714	2.5608E-6	
	13.00000	-10.00000	-3.00000	-0.022493	-3.3442	-0.0016523	-0.19091	2.7528E-6	
	14.00000	-10.00000	-3.00000	-0.026296	-3.3442	-0.0019436	-0.20324	2.9225E-6	
	15.00000	-10.00000	-3.00000	-0.029016	-3.3442	-0.0022515	-0.21345	3.0599E-6	
	16.00000	-10.00000	-3.00000	-0.030437	-3.3442	-0.0025589	-0.22089	3.1565E-6	
	17.00000	-10.00000	-3.00000	-0.030445	-3.3442	-0.0028416	-0.22505	3.2055E-6	
	18.00000	-10.00000	-3.00000	-0.029045	-3.3442	-0.0030714	-0.22560	3.2034E-6	
	19.00000	-10.00000	-3.00000	-0.026363	-3.3442	-0.0032204	-0.22247	3.1504E-6	
	20.00000	-10.00000	-3.00000	-0.022619	-3.3442	-0.0032680	-0.21584	3.0502E-6	
	21.00000	-10.00000	-3.00000	-0.018103	-3.3442	-0.0032068	-0.20616	2.9096E-6	
	22.00000	-10.00000	-3.00000	-0.013131	-3.3442	-0.0030447	-0.19408	2.7379E-6	
	23.00000	-10.00000	-3.00000	-0.0080094	-3.3442	-0.0028029	-0.18033	2.5452E-6	
	24.00000	-10.00000	-3.00000	-0.0030053	-3.3442	-0.0025100	-0.16567	2.3412E-6	
	25.00000	-10.00000	-3.00000	0.0016709	-3.3442	-0.0021951	-0.15078	2.1347E-6	
	26.00000	-10.00000	-3.00000	0.0058729	-3.3442	-0.0018827	-0.13620	1.9327E-6	
	27.00000	-10.00000	-3.00000	0.0095151	-3.3442	-0.0015901	-0.12232	1.7402E-6	
	28.00000	-10.00000	-3.00000	0.012563	-3.3442	-0.0013276	-0.10940	1.5606E-6	
	29.00000	-10.00000	-3.00000	0.015024	-3.3442	-0.0010993	-0.097581	1.3958E-6	
	30.00000	-10.00000	-3.00000	0.016932	-3.3442	-905.30E-6	-0.086900	1.2463E-6	
	31.00000	-10.00000	-3.00000	0.018338	-3.3442	-743.16E-6	-0.077340	1.1119E-6	
	32.00000	-10.00000	-3.00000	0.019304	-3.3442	-609.24E-6	-0.068843	0.0	
	33.00000	-10.00000	-3.00000	0.019893	-3.3442	-499.49E-6	-0.061325	0.0	
	34.00000	-10.00000	-3.00000	0.020165	-3.3442	-410.01E-6	-0.054695	0.0	
	35.00000	-10.00000	-3.00000	0.020180	-3.3442	-337.24E-6	-0.048858	0.0	
	36.00000	-10.00000	-3.00000	0.019988	-3.3442	-278.14E-6	-0.043725	0.0	
	37.00000	-10.00000	-3.00000	0.019634	-3.3442	-230.11E-6	-0.039210	0.0	
	38.00000	-10.00000	-3.00000	0.019157	-3.3442	-191.04E-6	-0.035236	0.0	
	39.00000	-10.00000	-3.00000	0.018589	-3.3442	-159.19E-6	-0.031735	0.0	
	40.00000	-10.00000	-3.00000	0.017957	-3.3442	-133.15E-6	-0.028647	0.0	
	41.00000	-10.00000	-3.00000	0.017283	-3.3442	-111.81E-6	-0.025919	0.0	
	42.00000	-10.00000	-3.00000	0.016584	-3.3442	-94.257E-6	-0.023503	0.0	
	43.00000	-10.00000	-3.00000	0.015875	-3.3442	-79.770E-6	-0.021361	0.0	
	44.00000	-10.00000	-3.00000	0.015165	-3.3442	-67.772E-6	-0.019457	0.0	
	45.00000	-10.00000	-3.00000	0.014464	-3.3442	-57.797E-6	-0.017761	0.0	
	-10.00000	-9.00000	-3.00000	0.016478	-3.3442	-30.809E-6	-0.018261	0.0	
	-9.00000	-9.00000	-3.00000	0.017227	-3.3442	-35.665E-6	-0.020055	0.0	
	-8.00000	-9.00000	-3.00000	0.017962	-3.3442	-41.438E-6	-0.022078	0.0	
	-7.00000	-9.00000	-3.00000	0.018667	-3.3442	-48.328E-6	-0.024366	0.0	
	-6.00000	-9.00000	-3.00000	0.019320	-3.3442	-56.585E-6	-0.026960	0.0	
	-5.00000	-9.00000	-3.00000	0.019894	-3.3442	-66.523E-6	-0.029908	0.0	
	-4.00000	-9.00000	-3.00000	0.020355	-3.3442	-78.534E-6	-0.033266	0.0	
	-3.00000	-9.00000	-3.00000	0.020662	-3.3442	-93.113E-6	-0.037102	0.0	
	-2.00000	-9.00000	-3.00000	0.020765	-3.3442	-110.88E-6	-0.041492	0.0	
	-1.00000	-9.00000	-3.00000	0.020604	-3.3442	-132.64E-6	-0.046525	0.0	
	0.00000	-9.00000	-3.00000	0.020109	-3.3442	-159.38E-6	-0.052305	0.0	
	1.00000	-9.00000	-3.00000	0.019201	-3.3442	-192.39E-6	-0.058947	0.0	
	2.00000	-9.00000	-3.00000	0.017790	-3.3442	-233.29E-6	-0.066584	0.0	
	3.00000	-9.00000	-3.00000	0.015781	-3.3442	-284.11E-6	-0.075356	1.1030E-6	
	4.00000	-9.00000	-3.00000	0.013079	-3.3442	-347.46E-6	-0.085414	1.2490E-6	
	5.00000	-9.00000	-3.00000	0.0095958	-3.3442	-426.58E-6	-0.096904	1.4156E-6	
	6.00000	-9.00000	-3.00000	0.0052629	-3.3442	-525.48E-6	-0.10996	1.6045E-6	
	7.00000	-9.00000	-3.00000	48.288E-6	-3.3442	-649.05E-6	-0.12466	1.8166E-6	
	8.00000	-9.00000	-3.00000	-0.0060240	-3.3442	-803.08E-6	-0.14102	2.0521E-6	
	9.00000	-9.00000	-3.00000	-0.012852	-3.3442	-994.23E-6	-0.15895	2.3090E-6	
	10.00000	-9.00000	-3.00000	-0.020235	-3.3442	-0.0012297	-0.17818	2.5832E-6	
	11.00000	-9.00000	-3.00000	-0.027868	-3.3442	-0.0015164	-0.19824	2.8674E-6	
	12.00000	-9.00000	-3.00000	-0.035340	-3.3442	-0.0018603	-0.21845	3.1513E-6	
	13.00000	-9.00000	-3.00000	-0.042169	-3.3442	-0.0022638	-0.23791	3.4215E-6	
	14.00000	-9.00000	-3.00000	-0.047850	-3.3442	-0.0027233	-0.25559	3.6628E-6	
	15.00000	-9.00000	-3.00000	-0.051925	-3.3442	-0.0032254	-0.27038	3.8595E-6	
	16.00000	-9.00000	-3.00000	-0.054044	-3.3442	-0.0037430	-0.28127	3.9977E-6	
	17.00000	-9.00000	-3.00000	-0.054025	-3.3442	-0.0042338	-0.28741	4.0668E-6	
	18.00000	-9.00000	-3.00000	-0.051882	-3.3442	-0.0046431	-0.28826	4.0612E-6	
	19.00000	-9.00000	-3.00000	-0.047816	-3.3442	-0.0049138	-0.28367	3.9812E-6	
	20.00000	-9.00000	-3.00000	-0.042185	-3.3442	-0.0050016	-0.27394	3.8333E-6	
	21.00000	-9.00000	-3.00000	-0.035446	-3.3442	-0.0048902	-0.25980	3.6290E-6	
	22.00000	-9.00000	-3.00000	-0.028094	-3.3442	-0.0045968	-0.24232	3.3832E-6	
	23.00000	-9.00000	-3.00000	-0.020593	-3.3442	-0.0041669	-0.22270	3.1119E-6	
	24.00000	-9.00000	-3.00000	-0.013336	-3.3442	-0.0036590	-0.20214	2.8300E-6	
	25.00000	-9.00000	-3.00000	-0.0066198	-3.3442	-0.0031295	-0.18164	2.5500E-6	
	26.00000	-9.00000	-3.00000	-635.44E-6	-3.3442	-0.0026214	-0.16197	2.2814E-6	
	27.00000	-9.00000	-3.00000	0.0045174	-3.3442	-0.0021618	-0.14363	2.0304E-6	
	28.00000	-9.00000	-3.00000	0.0088142	-3.3442	-0.0017633	-0.12691	1.8005E-6	
	29.00000	-9.00000	-3.00000	0.012284	-3.3442	-0.0014280	-0.11191	1.5933E-6	
	30.00000	-9.00000	-3.00000	0.014993	-3.3442	-0.0011517	-0.098599	1.4085E-6	
	31.00000	-9.00000	-3.00000	0.017023	-3.3442	-927.41E-6	-0.086890	1.2451E-6	
	32.00000	-9.00000	-3.00000	0.018468	-3.3442	-746.95E-6	-0.076645	1.1015E-6	
	33.00000	-9.00000	-3.00000	0.019417	-3.3442	-602.59E-6	-0.067712	0.0	
	34.00000	-9.00000	-3.00000	0.019958	-3.3442	-487.42E-6	-0.059938	0.0	
	35.00000	-9.00000	-3.00000	0.020167	-3.3442	-395.61E-6	-0.053176	0.0	
	36.00000	-9.00000	-3.00000	0.020113	-3.3442	-322.35E-6	-0.047293	0.0	
	37.00000	-9.00000	-3.00000	0.019854	-3.3442	-263.78E-6	-0.042170	0.0	
	38.00000	-9.00000	-3.00000	0.019439	-3.3442	-216.83E-6	-0.037702	0.0	
	39.00000	-9.00000	-3.00000	0.018909	-3.3442	-179.05E-6	-0.033798	0.0	
	40.00000	-9.00000	-3.00000	0.018296	-3.3442	-148.55E-6	-0.030380	0.0	
	41.00000	-9.00000	-3.00000	0.017629	-3.3442	-123.81E-6	-0.027380	0.0	
	42.00000	-9.00000	-3.00000	0.016928	-3.3442	-103.67E-6	-0.024741	0.0	
	43.00000	-9.00000	-3.00000	0.016209	-3.3442	-87.199E-6	-0.022413	0.0	
	44.00000	-9.00000	-3.00000	0.015487	-3.3442	-73.666E-6	-0.020355	0.0	
	45.00000	-9.00000	-3.00000	0.014770	-3.3442	-62.501E-6	-0.018530	0.0	
	-10.00000	-8.00000	-3.00000	0.016808	-3.3442	-32.610E-6	-0.019008	0.0	
	-9.00000	-8.00000	-3.00000	0.017566	-3.3442	-37.881E-6	-0.020930	0.0	
	-8.00000	-8.00000	-3.00000	0.018303	-3.3442	-44.178E-6	-0.023109	0.0	
	-7.00000	-8.00000	-3.00000	0.018999	-3.3442	-51.737E-6	-0.025585	0.0	
	-6.00000	-8.00000	-3.00000	0.019630	-3.3442	-60.850E-6	-0.028408	0.0	
	-5.00000	-8.00000	-3.00000	0.020160	-3.3442	-71.890E-6	-0.031636	0.0	
	-4.00000	-8.00000	-3.00000	0.020551	-3.3442	-85.331E-6	-0.035339	0.0	
	-3.00000	-8.00000	-3.00000	0.020750	-3.3442	-101.77E-6	-0.039601	0.0	
	-2.00000	-8.00000	-3.00000	0.020694	-3.3442	-122.00E-6	-0.044519	0.0	
	-1.00000	-8.00000	-3.00000	0.020306	-3.3442	-146.99E-6	-0.050211	0.0	
	0.00000	-8.00000	-3.00000	0.019495	-3.3442	-178.05E-6	-0.056814	0.0	
	1.00000	-8.00000	-3.00000	0.018155	-3.3442	-216.84E-6	-0.064491	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 [-]
	2.00000	-8.00000	-3.00000	0.016162	-3.3442	-265.52E-6	-0.073430	1.0753E-6
	3.00000	-8.00000	-3.00000	0.013382	-3.3442	-326.92E-6	-0.083846	1.2267E-6
	4.00000	-8.00000	-3.00000	0.0096725	-3.3442	-404.69E-6	-0.095976	1.4029E-6
	5.00000	-8.00000	-3.00000	0.0048934	-3.3442	-503.56E-6	-0.11007	1.6072E-6
	6.00000	-8.00000	-3.00000	-0.0010766	-3.3442	-629.61E-6	-0.12639	1.8432E-6
	7.00000	-8.00000	-3.00000	-0.0083172	-3.3442	-790.56E-6	-0.14516	2.1138E-6
	8.00000	-8.00000	-3.00000	-0.016836	-3.3442	-996.04E-6	-0.16650	2.4206E-6
	9.00000	-8.00000	-3.00000	-0.026530	-3.3442	-0.0012577	-0.19041	2.7630E-6
	10.00000	-8.00000	-3.00000	-0.037148	-3.3442	-0.0015892	-0.21664	3.1367E-6
	11.00000	-8.00000	-3.00000	-0.048267	-3.3442	-0.0020054	-0.24462	3.5323E-6
	12.00000	-8.00000	-3.00000	-0.059282	-3.3442	-0.0025209	-0.27338	3.9351E-6
	13.00000	-8.00000	-3.00000	-0.069451	-3.3442	-0.0031471	-0.30156	4.3246E-6
	14.00000	-8.00000	-3.00000	-0.077975	-3.3442	-0.0038874	-0.32755	4.6764E-6
	15.00000	-8.00000	-3.00000	-0.084111	-3.3442	-0.0047287	-0.34958	4.9651E-6
	16.00000	-8.00000	-3.00000	-0.087292	-3.3442	-0.0056314	-0.36596	5.1676E-6
	17.00000	-8.00000	-3.00000	-0.087226	-3.3442	-0.0065207	-0.37530	5.2664E-6
	18.00000	-8.00000	-3.00000	-0.083935	-3.3442	-0.0072874	-0.37666	5.2525E-6
	19.00000	-8.00000	-3.00000	-0.077754	-3.3442	-0.0078072	-0.36974	5.1269E-6
	20.00000	-8.00000	-3.00000	-0.069266	-3.3442	-0.0079786	-0.35501	4.9012E-6
	21.00000	-8.00000	-3.00000	-0.059207	-3.3442	-0.0077626	-0.33372	4.5956E-6
	22.00000	-8.00000	-3.00000	-0.048355	-3.3442	-0.0072004	-0.30768	4.2352E-6
	23.00000	-8.00000	-3.00000	-0.037419	-3.3442	-0.0063963	-0.27896	3.8456E-6
	24.00000	-8.00000	-3.00000	-0.026978	-3.3442	-0.0054775	-0.24947	3.4498E-6
	25.00000	-8.00000	-3.00000	-0.017438	-3.3442	-0.0045558	-0.22075	3.0656E-6
	26.00000	-8.00000	-3.00000	-0.0090391	-3.3442	-0.0037076	-0.19386	2.7053E-6
	27.00000	-8.00000	-3.00000	-0.0018823	-3.3442	-0.0029719	-0.16941	2.3760E-6
	28.00000	-8.00000	-3.00000	0.0040380	-3.3442	-0.0023592	-0.14763	2.0808E-6
	29.00000	-8.00000	-3.00000	0.0087973	-3.3442	-0.0018628	-0.12851	1.8198E-6
	30.00000	-8.00000	-3.00000	0.012512	-3.3442	-0.0014679	-0.11190	1.5915E-6
	31.00000	-8.00000	-3.00000	0.015316	-3.3442	-0.0011573	-0.097564	1.3930E-6
	32.00000	-8.00000	-3.00000	0.017346	-3.3442	-914.47E-6	-0.085230	1.2211E-6
	33.00000	-8.00000	-3.00000	0.018733	-3.3442	-725.16E-6	-0.074641	1.0728E-6
	34.00000	-8.00000	-3.00000	0.019596	-3.3442	-577.57E-6	-0.065552	0.0
	35.00000	-8.00000	-3.00000	0.020039	-3.3442	-462.32E-6	-0.057746	0.0
	36.00000	-8.00000	-3.00000	0.020151	-3.3442	-372.05E-6	-0.051030	0.0
	37.00000	-8.00000	-3.00000	0.020006	-3.3442	-301.07E-6	-0.045241	0.0
	38.00000	-8.00000	-3.00000	0.019667	-3.3442	-245.00E-6	-0.040239	0.0
	39.00000	-8.00000	-3.00000	0.019185	-3.3442	-200.49E-6	-0.035903	0.0
	40.00000	-8.00000	-3.00000	0.018600	-3.3442	-164.98E-6	-0.032136	0.0
	41.00000	-8.00000	-3.00000	0.017945	-3.3442	-136.49E-6	-0.028851	0.0
	42.00000	-8.00000	-3.00000	0.017245	-3.3442	-113.53E-6	-0.025979	0.0
	43.00000	-8.00000	-3.00000	0.016521	-3.3442	-94.907E-6	-0.023461	0.0
	44.00000	-8.00000	-3.00000	0.015788	-3.3442	-79.736E-6	-0.021245	0.0
	45.00000	-8.00000	-3.00000	0.015058	-3.3442	-67.310E-6	-0.019289	0.0
	-10.00000	-7.00000	-3.00000	0.017113	-3.3442	-34.389E-6	-0.019736	0.0
	-9.00000	-7.00000	-3.00000	0.017876	-3.3442	-40.080E-6	-0.021788	0.0
	-8.00000	-7.00000	-3.00000	0.018612	-3.3442	-46.913E-6	-0.024123	0.0
	-7.00000	-7.00000	-3.00000	0.019295	-3.3442	-55.158E-6	-0.026791	0.0
	-6.00000	-7.00000	-3.00000	0.019895	-3.3442	-65.157E-6	-0.029849	0.0
	-5.00000	-7.00000	-3.00000	0.020374	-3.3442	-77.348E-6	-0.033368	0.0
	-4.00000	-7.00000	-3.00000	0.020681	-3.3442	-92.295E-6	-0.037432	0.0
	-3.00000	-7.00000	-3.00000	0.020753	-3.3442	-110.73E-6	-0.042144	0.0
	-2.00000	-7.00000	-3.00000	0.020511	-3.3442	-133.59E-6	-0.047628	0.0
	-1.00000	-7.00000	-3.00000	0.019858	-3.3442	-162.12E-6	-0.054034	0.0
	0.00000	-7.00000	-3.00000	0.018676	-3.3442	-197.94E-6	-0.061545	0.0
	1.00000	-7.00000	-3.00000	0.016824	-3.3442	-243.22E-6	-0.070380	1.0311E-6
	2.00000	-7.00000	-3.00000	0.014135	-3.3442	-300.81E-6	-0.080806	1.1829E-6
	3.00000	-7.00000	-3.00000	0.010419	-3.3442	-374.53E-6	-0.093135	1.3621E-6
	4.00000	-7.00000	-3.00000	0.0054675	-3.3442	-469.47E-6	-0.10774	1.5741E-6
	5.00000	-7.00000	-3.00000	-937.37E-6	-3.3442	-592.44E-6	-0.12503	1.8247E-6
	6.00000	-7.00000	-3.00000	-0.0090038	-3.3442	-752.53E-6	-0.14547	2.1202E-6
	7.00000	-7.00000	-3.00000	-0.018899	-3.3442	-961.76E-6	-0.16952	2.4669E-6
	8.00000	-7.00000	-3.00000	-0.030703	-3.3442	-0.0012359	-0.19757	2.8700E-6
	9.00000	-7.00000	-3.00000	-0.044349	-3.3442	-0.0015950	-0.22985	3.3319E-6
	10.00000	-7.00000	-3.00000	-0.059550	-3.3442	-0.0020643	-0.26624	3.8497E-6
	11.00000	-7.00000	-3.00000	-0.075737	-3.3442	-0.0026733	-0.30608	4.4125E-6
	12.00000	-7.00000	-3.00000	-0.092025	-3.3442	-0.0034552	-0.34804	4.9990E-6
	13.00000	-7.00000	-3.00000	-0.10726	-3.3442	-0.0044427	-0.39004	5.5768E-6
	14.00000	-7.00000	-3.00000	-0.12016	-3.3442	-0.0056609	-0.42940	6.1054E-6
	15.00000	-7.00000	-3.00000	-0.12949	-3.3442	-0.0071114	-0.46321	6.5416E-6
	16.00000	-7.00000	-3.00000	-0.13432	-3.3442	-0.0087464	-0.48866	6.8458E-6
	17.00000	-7.00000	-3.00000	-0.13416	-3.3442	-0.010438	-0.50337	6.9884E-6
	18.00000	-7.00000	-3.00000	-0.12907	-3.3442	-0.011961	-0.50565	6.9546E-6
	19.00000	-7.00000	-3.00000	-0.11960	-3.3442	-0.013027	-0.49486	6.7474E-6
	20.00000	-7.00000	-3.00000	-0.10673	-3.3442	-0.013384	-0.47173	6.3891E-6
	21.00000	-7.00000	-3.00000	-0.091647	-3.3442	-0.012932	-0.43846	5.9166E-6
	22.00000	-7.00000	-3.00000	-0.075598	-3.3442	-0.011779	-0.39834	5.3739E-6
	23.00000	-7.00000	-3.00000	-0.059679	-3.3442	-0.010184	-0.35500	4.8032E-6
	24.00000	-7.00000	-3.00000	-0.044730	-3.3442	-0.0084402	-0.31167	4.2391E-6
	25.00000	-7.00000	-3.00000	-0.031296	-3.3442	-0.0067768	-0.27069	3.7063E-6
	26.00000	-7.00000	-3.00000	-0.019653	-3.3442	-0.0053236	-0.23345	3.2195E-6
	27.00000	-7.00000	-3.00000	-0.0098696	-3.3442	-0.0041252	-0.20055	2.7857E-6
	28.00000	-7.00000	-3.00000	-0.0018689	-3.3442	-0.0031735	-0.17204	2.4059E-6
	29.00000	-7.00000	-3.00000	0.0045085	-3.3442	-0.0024352	-0.14764	2.0775E-6
	30.00000	-7.00000	-3.00000	0.0094628	-3.3442	-0.0018704	-0.12691	1.7958E-6
	31.00000	-7.00000	-3.00000	0.013205	-3.3442	-0.0014412	-0.10938	1.5553E-6
	32.00000	-7.00000	-3.00000	0.015936	-3.3442	-0.0011159	-0.094579	1.3506E-6
	33.00000	-7.00000	-3.00000	0.017842	-3.3442	-869.01E-6	-0.082074	1.1764E-6
	34.00000	-7.00000	-3.00000	0.019083	-3.3442	-681.14E-6	-0.071495	1.0282E-6
	35.00000	-7.00000	-3.00000	0.019798	-3.3442	-537.52E-6	-0.062526	0.0
	36.00000	-7.00000	-3.00000	0.020102	-3.3442	-427.12E-6	-0.054898	0.0
	37.00000	-7.00000	-3.00000	0.020091	-3.3442	-341.75E-6	-0.048389	0.0
	38.00000	-7.00000	-3.00000	0.019842	-3.3442	-275.32E-6	-0.042816	0.0
	39.00000	-7.00000	-3.00000	0.019417	-3.3442	-223.28E-6	-0.038026	0.0
	40.00000	-7.00000	-3.00000	0.018866	-3.3442	-182.25E-6	-0.033893	0.0
	41.00000	-7.00000	-3.00000	0.018229	-3.3442	-149.69E-6	-0.030315	0.0
	42.00000	-7.00000	-3.00000	0.017535	-3.3442	-123.69E-6	-0.027205	0.0
	43.00000	-7.00000	-3.00000	0.016808	-3.3442	-102.80E-6	-0.024491	0.0
	44.00000	-7.00000	-3.00000	0.016067	-3.3442	-85.902E-6	-0.022116	0.0
	45.00000	-7.00000	-3.00000	0.015325	-3.3442	-72.163E-6	-0.020029	0.0
	-10.00000	-6.00000	-3.00000	0.017391	-3.3442	-36.122E-6	-0.020438	0.0
	-9.00000	-6.00000	-3.00000	0.018158	-3.3442	-42.232E-6	-0.022617	0.0
	-8.00000	-6.00000	-3.00000	0.018887	-3.3442	-49.603E-6	-0.025109	0.0
	-7.00000	-6.00000	-3.00000	0.019552	-3.3442	-58.541E-6	-0.027969	0.0
	-6.00000	-6.00000	-3.00000	0.020117	-3.3442	-69.442E-6	-0.031266	0.0
	-5.00000	-6.00000	-3.00000	0.020535	-3.3442	-82.815E-6	-0.035081	0.0
	-4.00000	-6.00000	-3.00000	0.020747	-3.3442	-99.323E-6	-0.039516	0.0
	-3.00000	-6.00000	-3.00000	0.020675	-3.3442	-119.83E-6	-0.044697	0.0
	-2.00000	-6.00000	-3.00000	0.020223	-3.3442	-145.48E-6	-0.050776	0.0
	-1.00000	-6.00000	-3.00000	0.019269	-3.3442	-177.80E-6	-0.057944	0.0
	0.00000	-6.00000	-3.00000	0.017663	-3.3442	-218.81E-6	-0.066438	0.0
	1.00000	-6.00000	-3.00000	0.015220	-3.3442	-271.26E-6	-0.076550	1.1212E-6
	2.00000	-6.00000	-3.00000	0.011718	-3.3442	-338.86E-6	-0.088645	1.2973E-6
	3.00000	-6.00000	-3.00000	0.0068949	-3.3442	-426.70E-6	-0.10317	1.5084E-6
	4.00000	-6.00000	-3.00000	448.32E-6	-3.3442	-541.78E-6	-0.12069	1.7626E-6
	5.00000	-6.00000	-3.00000	-0.0079537	-3.3442	-693.76E-6	-0.14185	2.0692E-6
	6.00000	-6.00000	-3.00000	-0.018655	-3.3442	-896.03E-6	-0.16746	2.4392E-6
	7.00000	-6.00000	-3.00000	-0.031975	-3.3442	-0.0011671	-0.19837	2.8849E-6
	8.00000	-6.00000	-3.00000	-0.048143	-3.3442	-0.0015325	-0.23550	3.4183E-6
	9.00000	-6.00000	-3.00000	-0.067208	-3.3442	-0.0020265	-0.27960	4.0492E-6
	10.00000	-6.00000	-3.00000	-0.088905	-3.3442	-0.0026946	-0.33100	4.7805E-6
	11.00000	-6.00000	-3.00000	-0.11252	-3.3442	-0.0035945	-0.38919	5.6019E-6
	12.00000	-6.00000	-3.00000	-0.13676	-3.3442	-0.0047959	-0.45233	6.4834E-6
	13.00000	-6.00000	-3.00000	-0.15983	-3.3442	-0.0063786	-0.51710	7.3719E-6
	14.00000	-6.00000	-3.00000	-0.17959	-3.3442	-0.0084253	-0.57890	8.1959E-6
	15.00000	-6.00000	-3.00000	-0.19398	-3.3442	-0.010998	-0.63269	8.8779E-6
	16.00000	-6.00000	-3.00000	-0.20143	-3.3442	-0.014081	-0.67366	9.3476E-6
	17.00000	-6.00000	-3.00000	-0.20111	-3.3442	-0.017479	-0.69774	9.5532E-6
	18.00000	-6.00000	-3.00000	-0.19314	-3.3442	-0.020721	-0.70180	9.4692E-6
	19.00000	-6.00000	-3.00000	-0.17846	-3.3442	-0.023090	-0.68430	9.1050E-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 [-]
	20.00000	-6.00000	-3.00000	-0.15872	-3.3442	-0.023893	-0.64631	8.5069E-6
	21.00000	-6.00000	-3.00000	-0.13591	-3.3442	-0.022851	-0.59192	7.7480E-6
	22.00000	-6.00000	-3.00000	-0.11205	-3.3442	-0.020280	-0.52748	6.9082E-6
	23.00000	-6.00000	-3.00000	-0.088840	-3.3442	-0.016894	-0.45980	6.0566E-6
	24.00000	-6.00000	-3.00000	-0.067502	-3.3442	-0.013409	-0.39440	5.2431E-6
	25.00000	-6.00000	-3.00000	-0.048723	-3.3442	-0.010295	-0.33478	4.4989E-6
	26.00000	-6.00000	-3.00000	-0.032764	-3.3442	-0.0077447	-0.28256	3.8391E-6
	27.00000	-6.00000	-3.00000	-0.019586	-3.3442	-0.0057663	-0.23800	3.2673E-6
	28.00000	-6.00000	-3.00000	-0.0089662	-3.3442	-0.0042794	-0.20058	2.7793E-6
	29.00000	-6.00000	-3.00000	-598.92E-6	-3.3442	-0.0031811	-0.16944	2.3671E-6
	30.00000	-6.00000	-3.00000	0.0058495	-3.3442	-0.0023759	-0.14365	2.0210E-6
	31.00000	-6.00000	-3.00000	0.010702	-3.3442	-0.0017866	-0.12230	1.7312E-6
	32.00000	-6.00000	-3.00000	0.014252	-3.3442	-0.0013540	-0.10462	1.4887E-6
	33.00000	-6.00000	-3.00000	0.016754	-3.3442	-0.0010350	-0.089935	1.2854E-6
	34.00000	-6.00000	-3.00000	0.018427	-3.3442	-798.03E-6	-0.077695	1.1148E-6
	35.00000	-6.00000	-3.00000	0.019451	-3.3442	-620.77E-6	-0.067452	0.0
	36.00000	-6.00000	-3.00000	0.019972	-3.3442	-487.06E-6	-0.058841	0.0
	37.00000	-6.00000	-3.00000	0.020112	-3.3442	-385.37E-6	-0.051568	0.0
	38.00000	-6.00000	-3.00000	0.019964	-3.3442	-307.39E-6	-0.045397	0.0
	39.00000	-6.00000	-3.00000	0.019605	-3.3442	-247.10E-6	-0.040135	0.0
	40.00000	-6.00000	-3.00000	0.019095	-3.3442	-200.11E-6	-0.035629	0.0
	41.00000	-6.00000	-3.00000	0.018480	-3.3442	-163.21E-6	-0.031751	0.0
	42.00000	-6.00000	-3.00000	0.017795	-3.3442	-134.01E-6	-0.028400	0.0
	43.00000	-6.00000	-3.00000	0.017069	-3.3442	-110.74E-6	-0.025492	0.0
	44.00000	-6.00000	-3.00000	0.016322	-3.3442	-92.065E-6	-0.022958	0.0
	45.00000	-6.00000	-3.00000	0.015571	-3.3442	-76.983E-6	-0.020742	0.0
	-10.00000	-5.00000	-3.00000	0.017642	-3.3442	-37.783E-6	-0.021103	0.0
	-9.00000	-5.00000	-3.00000	0.018408	-3.3442	-44.304E-6	-0.023407	0.0
	-8.00000	-5.00000	-3.00000	0.019129	-3.3442	-52.204E-6	-0.026052	0.0
	-7.00000	-5.00000	-3.00000	0.019772	-3.3442	-61.830E-6	-0.029102	0.0
	-6.00000	-5.00000	-3.00000	0.020297	-3.3442	-73.632E-6	-0.032634	0.0
	-5.00000	-5.00000	-3.00000	0.020647	-3.3442	-88.195E-6	-0.036746	0.0
	-4.00000	-5.00000	-3.00000	0.020754	-3.3442	-106.29E-6	-0.041556	0.0
	-3.00000	-5.00000	-3.00000	0.020525	-3.3442	-128.93E-6	-0.047215	0.0
	-2.00000	-5.00000	-3.00000	0.019842	-3.3442	-157.48E-6	-0.053909	0.0
	-1.00000	-5.00000	-3.00000	0.018558	-3.3442	-193.77E-6	-0.061874	0.0
	0.00000	-5.00000	-3.00000	0.016481	-3.3442	-240.31E-6	-0.071412	1.0465E-6
	1.00000	-5.00000	-3.00000	0.013378	-3.3442	-300.50E-6	-0.082903	1.2140E-6
	2.00000	-5.00000	-3.00000	0.0089548	-3.3442	-379.13E-6	-0.096839	1.4168E-6
	3.00000	-5.00000	-3.00000	0.0028563	-3.3442	-482.84E-6	-0.11385	1.6639E-6
	4.00000	-5.00000	-3.00000	-0.0053428	-3.3442	-621.10E-6	-0.13473	1.9670E-6
	5.00000	-5.00000	-3.00000	-0.016136	-3.3442	-807.39E-6	-0.16052	2.3404E-6
	6.00000	-5.00000	-3.00000	-0.030073	-3.3442	-0.0010612	-0.19250	2.8026E-6
	7.00000	-5.00000	-3.00000	-0.047723	-3.3442	-0.0014106	-0.23226	3.3758E-6
	8.00000	-5.00000	-3.00000	-0.069600	-3.3442	-0.0018967	-0.28166	4.0855E-6
	9.00000	-5.00000	-3.00000	-0.096030	-3.3442	-0.0025781	-0.34262	4.9577E-6
	10.00000	-5.00000	-3.00000	-0.12693	-3.3442	-0.0035374	-0.41672	6.0121E-6
	11.00000	-5.00000	-3.00000	-0.16151	-3.3442	-0.0048961	-0.50429	7.2486E-6
	12.00000	-5.00000	-3.00000	-0.19799	-3.3442	-0.0067664	-0.60315	8.6285E-6
	13.00000	-5.00000	-3.00000	-0.23348	-3.3442	-0.0093543	-0.70765	10.061E-6
	14.00000	-5.00000	-3.00000	-0.26435	-3.3442	-0.012867	-0.80923	11.408E-6
	15.00000	-5.00000	-3.00000	-0.28699	-3.3442	-0.017558	-0.89847	12.521E-6
	16.00000	-5.00000	-3.00000	-0.29867	-3.3442	-0.023615	-0.96709	13.268E-6
	17.00000	-5.00000	-3.00000	-0.29805	-3.3442	-0.030871	-1.0082	13.555E-6
	18.00000	-5.00000	-3.00000	-0.28535	-3.3442	-0.038361	-1.0160	13.337E-6
	19.00000	-5.00000	-3.00000	-0.26221	-3.3442	-0.044160	-0.98625	12.639E-6
	20.00000	-5.00000	-3.00000	-0.23143	-3.3442	-0.046130	-0.92019	11.574E-6
	21.00000	-5.00000	-3.00000	-0.19644	-3.3442	-0.043403	-0.82600	10.301E-6
	22.00000	-5.00000	-3.00000	-0.16062	-3.3442	-0.037075	-0.71709	8.9693E-6
	23.00000	-5.00000	-3.00000	-0.12666	-3.3442	-0.029314	-0.60703	7.6846E-6
	24.00000	-5.00000	-3.00000	-0.096257	-3.3442	-0.021961	-0.50545	6.5073E-6
	25.00000	-5.00000	-3.00000	-0.070193	-3.3442	-0.015928	-0.41714	5.4680E-6
	26.00000	-5.00000	-3.00000	-0.048569	-3.3442	-0.011371	-0.34320	4.5757E-6
	27.00000	-5.00000	-3.00000	-0.031083	-3.3442	-0.0080816	-0.28261	3.8248E-6
	28.00000	-5.00000	-3.00000	-0.017239	-3.3442	-0.0057605	-0.23352	3.2012E-6
	29.00000	-5.00000	-3.00000	-0.0064840	-3.3442	-0.0041359	-0.19393	2.6872E-6
	30.00000	-5.00000	-3.00000	0.0017181	-3.3442	-0.0029985	-0.16200	2.2650E-6
	31.00000	-5.00000	-3.00000	0.0078499	-3.3442	-0.0021979	-0.13618	1.9184E-6
	32.00000	-5.00000	-3.00000	0.012327	-3.3442	-0.0016296	-0.11522	1.6333E-6
	33.00000	-5.00000	-3.00000	0.015498	-3.3442	-0.0012222	-0.098101	1.3980E-6
	34.00000	-5.00000	-3.00000	0.017649	-3.3442	-927.07E-6	-0.084049	1.2031E-6
	35.00000	-5.00000	-3.00000	0.019012	-3.3442	-710.92E-6	-0.072440	1.0408E-6
	36.00000	-5.00000	-3.00000	0.019771	-3.3442	-550.88E-6	-0.062792	0.0
	37.00000	-5.00000	-3.00000	0.020075	-3.3442	-431.13E-6	-0.054724	0.0
	38.00000	-5.00000	-3.00000	0.020038	-3.3442	-340.60E-6	-0.047937	0.0
	39.00000	-5.00000	-3.00000	0.019752	-3.3442	-271.47E-6	-0.042196	0.0
	40.00000	-5.00000	-3.00000	0.019288	-3.3442	-218.20E-6	-0.037312	0.0
	41.00000	-5.00000	-3.00000	0.018698	-3.3442	-176.77E-6	-0.033136	0.0
	42.00000	-5.00000	-3.00000	0.018026	-3.3442	-144.28E-6	-0.029547	0.0
	43.00000	-5.00000	-3.00000	0.017303	-3.3442	-118.58E-6	-0.026448	0.0
	44.00000	-5.00000	-3.00000	0.016553	-3.3442	-98.112E-6	-0.023759	0.0
	45.00000	-5.00000	-3.00000	0.015794	-3.3442	-81.683E-6	-0.021416	0.0
	-10.00000	-4.00000	-3.00000	0.017863	-3.3442	-39.344E-6	-0.021722	0.0
	-9.00000	-4.00000	-3.00000	0.018628	-3.3442	-46.259E-6	-0.024145	0.0
	-8.00000	-4.00000	-3.00000	0.019337	-3.3442	-54.670E-6	-0.026937	0.0
	-7.00000	-4.00000	-3.00000	0.019956	-3.3442	-64.964E-6	-0.030169	0.0
	-6.00000	-4.00000	-3.00000	0.020437	-3.3442	-77.647E-6	-0.033931	0.0
	-5.00000	-4.00000	-3.00000	0.020716	-3.3442	-93.381E-6	-0.038332	0.0
	-4.00000	-4.00000	-3.00000	0.020712	-3.3442	-113.05E-6	-0.043513	0.0
	-3.00000	-4.00000	-3.00000	0.020317	-3.3442	-137.83E-6	-0.049648	0.0
	-2.00000	-4.00000	-3.00000	0.019391	-3.3442	-169.31E-6	-0.056962	0.0
	-1.00000	-4.00000	-3.00000	0.017754	-3.3442	-209.68E-6	-0.065741	0.0
	0.00000	-4.00000	-3.00000	0.015174	-3.3442	-261.94E-6	-0.076360	1.1188E-6
	1.00000	-4.00000	-3.00000	0.011355	-3.3442	-330.32E-6	-0.089305	1.3074E-6
	2.00000	-4.00000	-3.00000	0.0059217	-3.3442	-420.78E-6	-0.10522	1.5390E-6
	3.00000	-4.00000	-3.00000	-0.0015967	-3.3442	-541.90E-6	-0.12495	1.8257E-6
	4.00000	-4.00000	-3.00000	-0.011784	-3.3442	-706.19E-6	-0.14964	2.1839E-6
	5.00000	-4.00000	-3.00000	-0.025353	-3.3442	-932.15E-6	-0.18081	2.6354E-6
	6.00000	-4.00000	-3.00000	-0.043147	-3.3442	-0.0012476	-0.22052	3.2093E-6
	7.00000	-4.00000	-3.00000	-0.066128	-3.3442	-0.0016949	-0.27151	3.9442E-6
	8.00000	-4.00000	-3.00000	-0.095309	-3.3442	-0.0023397	-0.33734	4.8900E-6
	9.00000	-4.00000	-3.00000	-0.13160	-3.3442	-0.0032834	-0.42242	6.1078E-6
	10.00000	-4.00000	-3.00000	-0.17548	-3.3442	-0.0046810	-0.53157	7.6616E-6
	11.00000	-4.00000	-3.00000	-0.22645	-3.3442	-0.0067582	-0.66836	9.5943E-6
	12.00000	-4.00000	-3.00000	-0.28222	-3.3442	-0.0098124	-0.83166	11.876E-6
	13.00000	-4.00000	-3.00000	-0.33813	-3.3442	-0.014202	-1.0115	14.344E-6
	14.00000	-4.00000	-3.00000	-0.38764	-3.3442	-0.020403	-1.1893	16.701E-6
	15.00000	-4.00000	-3.00000	-0.42415	-3.3442	-0.029172	-1.3453	18.620E-6
	16.00000	-4.00000	-3.00000	-0.44289	-3.3442	-0.041543	-1.4651	19.845E-6
	17.00000	-4.00000	-3.00000	-0.44170	-3.3442	-0.058103	-1.5388	20.199E-6
	18.00000	-4.00000	-3.00000	-0.42102	-3.3442	-0.077200	-1.5547	19.587E-6
	19.00000	-4.00000	-3.00000	-0.38367	-3.3442	-0.093181	-1.5012	18.085E-6
	20.00000	-4.00000	-3.00000	-0.33453	-3.3442	-0.098463	-1.3769	16.011E-6
	21.00000	-4.00000	-3.00000	-0.27974	-3.3442	-0.090064	-1.2007	13.775E-6
	22.00000	-4.00000	-3.00000	-0.22518	-3.3442	-0.072538	-1.0046	11.651E-6
	23.00000	-4.00000	-3.00000	-0.17514	-3.3442	-0.053231	-0.81732	9.7355E-6
	24.00000	-4.00000	-3.00000	-0.13188	-3.3442	-0.036924	-0.65504	8.0574E-6
	25.00000	-4.00000	-3.00000	-0.095998	-3.3442	-0.024939	-0.52232	6.6249E-6
	26.00000	-4.00000	-3.00000	-0.067081	-3.3442	-0.016731	-0.41709	5.4316E-6
	27.00000	-4.00000	-3.00000	-0.044265	-3.3442	-0.011282	-0.33484	4.4559E-6
	28.00000	-4.00000	-3.00000	-0.026561	-3.3442	-0.0076955	-0.27080	3.6672E-6
	29.00000	-4.00000	-3.00000	-0.013027	-3.3442	-0.0053257	-0.22085	3.0329E-6
	30.00000	-4.00000	-3.00000	-0.0028310	-3.3442	-0.0037439	-0.18168	2.5234E-6
	31.00000	-4.00000	-3.00000	0.0047276	-3.3442	-0.0026739	-0.15076	2.1131E-6
	32.00000	-4.00000	-3.00000	0.010223	-3.3442	-0.0019394	-0.12615	1.7813E-6
	33.00000	-4.00000	-3.00000	0.014118	-3.3442	-0.0014276	-0.10639	1.5117E-6
	34.00000	-4.00000	-3.00000	0.016781	-3.3442	-0.0010656	-0.090415	1.2912E-6
	35.00000	-4.00000	-3.00000	0.018504	-3.3442	-805.94E-6	-0.077380	1.1097E-6
	36.00000	-4.00000	-3.00000	0.019514	-3.3442	-617.07E-6	-0.066664	0.0
	37.00000	-4.00000	-3.00000	0.019990	-3.3442	-477.92E-6	-0.057789	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 [-]	
	38.00000	-4.00000	-3.00000	0.020070	-3.3442	-374.13E-6	-0.050386	0.0	
	39.00000	-4.00000	-3.00000	0.019861	-3.3442	-295.81E-6	-0.044168	0.0	
	40.00000	-4.00000	-3.00000	0.019445	-3.3442	-236.09E-6	-0.038914	0.0	
	41.00000	-4.00000	-3.00000	0.018884	-3.3442	-190.06E-6	-0.034447	0.0	
	42.00000	-4.00000	-3.00000	0.018226	-3.3442	-154.26E-6	-0.030627	0.0	
	43.00000	-4.00000	-3.00000	0.017508	-3.3442	-126.16E-6	-0.027343	0.0	
	44.00000	-4.00000	-3.00000	0.016757	-3.3442	-103.92E-6	-0.024506	0.0	
	45.00000	-4.00000	-3.00000	0.015992	-3.3442	-86.168E-6	-0.022044	0.0	
	-10.00000	-3.00000	-3.00000	0.018055	-3.3442	-40.777E-6	-0.022285	0.0	
	-9.00000	-3.00000	-3.00000	0.018816	-3.3442	-48.061E-6	-0.024818	0.0	
	-8.00000	-3.00000	-3.00000	0.019513	-3.3442	-56.953E-6	-0.027747	0.0	
	-7.00000	-3.00000	-3.00000	0.020106	-3.3442	-67.878E-6	-0.031151	0.0	
	-6.00000	-3.00000	-3.00000	0.020541	-3.3442	-81.398E-6	-0.035130	0.0	
	-5.00000	-3.00000	-3.00000	0.020748	-3.3442	-98.255E-6	-0.039808	0.0	
	-4.00000	-3.00000	-3.00000	0.020631	-3.3442	-119.44E-6	-0.045344	0.0	
	-3.00000	-3.00000	-3.00000	0.020068	-3.3442	-146.30E-6	-0.051940	0.0	
	-2.00000	-3.00000	-3.00000	0.018895	-3.3442	-180.67E-6	-0.059861	0.0	
	-1.00000	-3.00000	-3.00000	0.016898	-3.3442	-225.10E-6	-0.069447	1.0181E-6	
	0.00000	-3.00000	-3.00000	0.013799	-3.3442	-283.14E-6	-0.081153	1.1888E-6	
	1.00000	-3.00000	-3.00000	0.0092347	-3.3442	-359.89E-6	-0.095582	1.3990E-6	
	2.00000	-3.00000	-3.00000	0.0027366	-3.3442	-462.68E-6	-0.11355	1.6605E-6	
	3.00000	-3.00000	-3.00000	-0.0063020	-3.3442	-602.30E-6	-0.13618	1.9893E-6	
	4.00000	-3.00000	-3.00000	-0.018659	-3.3442	-794.95E-6	-0.16503	2.4078E-6	
	5.00000	-3.00000	-3.00000	-0.035324	-3.3442	-0.0010654	-0.20229	2.9473E-6	
	6.00000	-3.00000	-3.00000	-0.057542	-3.3442	-0.0014527	-0.25107	3.6523E-6	
	7.00000	-3.00000	-3.00000	-0.086850	-3.3442	-0.0020195	-0.31588	4.5866E-6	
	8.00000	-3.00000	-3.00000	-0.12507	-3.3442	-0.0028704	-0.40324	5.8422E-6	
	9.00000	-3.00000	-3.00000	-0.17424	-3.3442	-0.0041840	-0.52253	7.5497E-6	
	10.00000	-3.00000	-3.00000	-0.23621	-3.3442	-0.0062714	-0.68652	9.8848E-6	
	11.00000	-3.00000	-3.00000	-0.31183	-3.3442	-0.0096573	-0.91002	13.043E-6	
	12.00000	-3.00000	-3.00000	-0.39901	-3.3442	-0.015101	-1.2016	17.118E-6	
	13.00000	-3.00000	-3.00000	-0.49033	-3.3442	-0.023348	-1.5445	21.828E-6	
	14.00000	-3.00000	-3.00000	-0.57297	-3.3442	-0.035020	-1.8879	26.394E-6	
	15.00000	-3.00000	-3.00000	-0.63378	-3.3442	-0.051837	-2.1797	29.966E-6	
	16.00000	-3.00000	-3.00000	-0.66450	-3.3442	-0.077865	-2.3979	32.041E-6	
	17.00000	-3.00000	-3.00000	-0.66213	-3.3442	-0.11837	-2.5357	32.282E-6	
	18.00000	-3.00000	-3.00000	-0.62758	-3.3442	-0.17329	-2.5717	30.376E-6	
	19.00000	-3.00000	-3.00000	-0.56536	-3.3442	-0.22440	-2.4653	26.530E-6	
	20.00000	-3.00000	-3.00000	-0.48412	-3.3442	-0.23925	-2.2014	21.964E-6	
	21.00000	-3.00000	-3.00000	-0.39553	-3.3442	-0.20737	-1.8346	17.950E-6	
	22.00000	-3.00000	-3.00000	-0.31059	-3.3442	-0.15210	-1.4534	14.761E-6	
	23.00000	-3.00000	-3.00000	-0.23623	-3.3442	-0.10036	-1.1198	12.120E-6	
	24.00000	-3.00000	-3.00000	-0.17487	-3.3442	-0.062979	-0.85482	9.8578E-6	
	25.00000	-3.00000	-3.00000	-0.12603	-3.3442	-0.039036	-0.65417	7.9507E-6	
	26.00000	-3.00000	-3.00000	-0.088001	-3.3442	-0.024408	-0.50499	6.3920E-6	
	27.00000	-3.00000	-3.00000	-0.058813	-3.3442	-0.015548	-0.39434	5.1473E-6	
	28.00000	-3.00000	-3.00000	-0.036659	-3.3442	-0.010128	-0.31178	4.1659E-6	
	29.00000	-3.00000	-3.00000	-0.020012	-3.3442	-0.0067517	-0.24958	3.3950E-6	
	30.00000	-3.00000	-3.00000	-0.0076347	-3.3442	-0.0046026	-0.20218	2.7887E-6	
	31.00000	-3.00000	-3.00000	0.0014541	-3.3442	-0.0032045	-0.16562	2.3096E-6	
	32.00000	-3.00000	-3.00000	0.0080237	-3.3442	-0.0022752	-0.13710	1.9286E-6	
	33.00000	-3.00000	-3.00000	0.012672	-3.3442	-0.0016450	-0.11458	1.6232E-6	
	34.00000	-3.00000	-3.00000	0.015863	-3.3442	-0.0012093	-0.096618	1.3766E-6	
	35.00000	-3.00000	-3.00000	0.017954	-3.3442	-902.78E-6	-0.082140	1.1759E-6	
	36.00000	-3.00000	-3.00000	0.019219	-3.3442	-683.51E-6	-0.070360	1.0113E-6	
	37.00000	-3.00000	-3.00000	0.019870	-3.3442	-524.26E-6	-0.060689	0.0	
	38.00000	-3.00000	-3.00000	0.020068	-3.3442	-406.96E-6	-0.052685	0.0	
	39.00000	-3.00000	-3.00000	0.019937	-3.3442	-319.41E-6	-0.046009	0.0	
	40.00000	-3.00000	-3.00000	0.019570	-3.3442	-253.27E-6	-0.040400	0.0	
	41.00000	-3.00000	-3.00000	0.019039	-3.3442	-202.73E-6	-0.035656	0.0	
	42.00000	-3.00000	-3.00000	0.018397	-3.3442	-163.71E-6	-0.031619	0.0	
	43.00000	-3.00000	-3.00000	0.017686	-3.3442	-133.28E-6	-0.028163	0.0	
	44.00000	-3.00000	-3.00000	0.016934	-3.3442	-109.34E-6	-0.025188	0.0	
	45.00000	-3.00000	-3.00000	0.016165	-3.3442	-90.339E-6	-0.022614	0.0	
	-10.00000	-2.00000	-3.00000	0.018217	-3.3442	-42.056E-6	-0.022783	0.0	
	-9.00000	-2.00000	-3.00000	0.018973	-3.3442	-49.674E-6	-0.025416	0.0	
	-8.00000	-2.00000	-3.00000	0.019657	-3.3442	-59.003E-6	-0.028469	0.0	
	-7.00000	-2.00000	-3.00000	0.020224	-3.3442	-70.507E-6	-0.032029	0.0	
	-6.00000	-2.00000	-3.00000	0.020615	-3.3442	-84.799E-6	-0.036206	0.0	
	-5.00000	-2.00000	-3.00000	0.020751	-3.3442	-102.70E-6	-0.041138	0.0	
	-4.00000	-2.00000	-3.00000	0.020527	-3.3442	-125.30E-6	-0.047003	0.0	
	-3.00000	-2.00000	-3.00000	0.019801	-3.3442	-154.12E-6	-0.054032	0.0	
	-2.00000	-2.00000	-3.00000	0.018387	-3.3442	-191.23E-6	-0.062525	0.0	
	-1.00000	-2.00000	-3.00000	0.016038	-3.3442	-239.55E-6	-0.072881	1.0683E-6	
	0.00000	-2.00000	-3.00000	0.012428	-3.3442	-303.22E-6	-0.085637	1.2543E-6	
	1.00000	-2.00000	-3.00000	0.0071240	-3.3442	-388.22E-6	-0.10152	1.4857E-6	
	2.00000	-2.00000	-3.00000	-445.02E-6	-3.3442	-503.36E-6	-0.12155	1.7771E-6	
	3.00000	-2.00000	-3.00000	-0.011035	-3.3442	-661.90E-6	-0.14714	2.1489E-6	
	4.00000	-2.00000	-3.00000	-0.025644	-3.3442	-884.25E-6	-0.18034	2.6305E-6	
	5.00000	-2.00000	-3.00000	-0.045596	-3.3442	-0.0012028	-0.22415	3.2650E-6	
	6.00000	-2.00000	-3.00000	-0.072640	-3.3442	-0.0016704	-0.28311	4.1170E-6	
	7.00000	-2.00000	-3.00000	-0.10909	-3.3442	-0.0023780	-0.36420	5.2860E-6	
	8.00000	-2.00000	-3.00000	-0.15798	-3.3442	-0.0034892	-0.47860	6.9303E-6	
	9.00000	-2.00000	-3.00000	-0.22323	-3.3442	-0.0053210	-0.64473	9.3084E-6	
	10.00000	-2.00000	-3.00000	-0.30964	-3.3442	-0.0085417	-0.89365	12.850E-6	
	11.00000	-2.00000	-3.00000	-0.42218	-3.3442	-0.014669	-1.2766	18.248E-6	
	12.00000	-2.00000	-3.00000	-0.56274	-3.3442	-0.026947	-1.8611	26.356E-6	
	13.00000	-2.00000	-3.00000	-0.72111	-3.3442	-0.048778	-2.6497	37.060E-6	
	14.00000	-2.00000	-3.00000	-0.86799	-3.3442	-0.076735	-3.4438	47.574E-6	
	15.00000	-2.00000	-3.00000	-0.97326	-3.3442	-0.11064	-4.0452	54.972E-6	
	16.00000	-2.00000	-3.00000	-1.0243	-3.3442	-0.16581	-4.4550	58.588E-6	
	17.00000	-2.00000	-3.00000	-1.0195	-3.3442	-0.27126	-4.7217	57.853E-6	
	18.00000	-2.00000	-3.00000	-0.96026	-3.3442	-0.45583	-4.8077	50.930E-6	
	19.00000	-2.00000	-3.00000	-0.85183	-3.3442	-0.65394	-4.5411	38.184E-6	
	20.00000	-2.00000	-3.00000	-0.70929	-3.3442	-0.68399	-3.8465	26.566E-6	
	21.00000	-2.00000	-3.00000	-0.55845	-3.3442	-0.52946	-2.9624	20.341E-6	
	22.00000	-2.00000	-3.00000	-0.42229	-3.3442	-0.33492	-2.1607	17.113E-6	
	23.00000	-2.00000	-3.00000	-0.31104	-3.3442	-0.19141	-1.5477	14.411E-6	
	24.00000	-2.00000	-3.00000	-0.22478	-3.3442	-0.10638	-1.1134	11.759E-6	
	25.00000	-2.00000	-3.00000	-0.15948	-3.3442	-0.059908	-0.81329	9.3793E-6	
	26.00000	-2.00000	-3.00000	-0.11057	-3.3442	-0.034779	-0.60536	7.4173E-6	
	27.00000	-2.00000	-3.00000	-0.074120	-3.3442	-0.020914	-0.45937	5.8717E-6	
	28.00000	-2.00000	-3.00000	-0.047081	-3.3442	-0.013021	-0.35502	4.6775E-6	
	29.00000	-2.00000	-3.00000	-0.027115	-3.3442	-0.0083719	-0.27904	3.7591E-6	
	30.00000	-2.00000	-3.00000	-0.012466	-3.3442	-0.0055427	-0.22270	3.0507E-6	
	31.00000	-2.00000	-3.00000	-0.0018125	-3.3442	-0.0037678	-0.18021	2.5006E-6	
	32.00000	-2.00000	-3.00000	0.0058386	-3.3442	-0.0026227	-0.14767	2.0696E-6	
	33.00000	-2.00000	-3.00000	0.011237	-3.3442	-0.0018651	-0.12237	1.7288E-6	
	34.00000	-2.00000	-3.00000	0.014947	-3.3442	-0.0013521	-0.10245	1.4566E-6	
	35.00000	-2.00000	-3.00000	0.017397	-3.3442	-997.46E-6	-0.086570	1.2373E-6	
	36.00000	-2.00000	-3.00000	0.018909	-3.3442	-747.58E-6	-0.073769	1.0589E-6	
	37.00000	-2.00000	-3.00000	0.019729	-3.3442	-568.42E-6	-0.063345	0.0	
	38.00000	-2.00000	-3.00000	0.020041	-3.3442	-437.91E-6	-0.054776	0.0	
	39.00000	-2.00000	-3.00000	0.019985	-3.3442	-341.44E-6	-0.047673	0.0	
	40.00000	-2.00000	-3.00000	0.019667	-3.3442	-269.18E-6	-0.041736	0.0	
	41.00000	-2.00000	-3.00000	0.019165	-3.3442	-214.38E-6	-0.036739	0.0	
	42.00000	-2.00000	-3.00000	0.018539	-3.3442	-172.35E-6	-0.032503	0.0	
	43.00000	-2.00000	-3.00000	0.017835	-3.3442	-139.76E-6	-0.028891	0.0	
	44.00000	-2.00000	-3.00000	0.017084	-3.3442	-114.25E-6	-0.025791	0.0	
	45.00000	-2.00000	-3.00000	0.016312	-3.3442	-94.093E-6	-0.023117	0.0	
	-10.00000	-1.00000	-3.00000	0.018349	-3.3442	-43.153E-6	-0.023207	0.0	
	-9.00000	-1.00000	-3.00000	0.019100	-3.3442	-51.063E-6	-0.025926	0.0	
	-8.00000	-1.00000	-3.00000	0.019771	-3.3442	-60.775E-6	-0.029087	0.0	
	-7.00000	-1.00000	-3.00000	0.020314	-3.3442	-72.787E-6	-0.032783	0.0	
	-6.00000	-1.00000	-3.00000	0.020665	-3.3442	-87.760E-6	-0.037133	0.0	
	-5.00000	-1.00000	-3.00000	0.020736	-3.3442	-106.58E-6	-0.042290	0.0	
	-4.00000	-1.00000	-3.00000	0.020412	-3.3442	-130.46E-6	-0.048447	0.0	
	-3.00000	-1.00000	-3.00000	0.019537	-3.3442	-161.04E-6	-0.055861	0.0	
	-2.00000	-1.00000	-3.00000	0.017903	-3.3442	-200.65E-6	-0.064870	0.0	
	-1.00000	-1.00000	-3.00000	0.015230	-3.3442	-252.54E-6	-0.075928	1.1128E-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 [-]
	0.00000	-1.00000	-3.00000	0.011144	-3.3442	-321.42E-6	-0.089651	1.3129E-6
	1.00000	-1.00000	-3.00000	0.0051464	-3.3442	-414.17E-6	-0.10689	1.5641E-6
	2.00000	-1.00000	-3.00000	-0.0034377	-3.3442	-541.11E-6	-0.12887	1.8837E-6
	3.00000	-1.00000	-3.00000	-0.015517	-3.3442	-718.05E-6	-0.15731	2.2970E-6
	4.00000	-1.00000	-3.00000	-0.032325	-3.3442	-969.95E-6	-0.19481	2.8409E-6
	5.00000	-1.00000	-3.00000	-0.055549	-3.3442	-0.0013376	-0.24529	3.5719E-6
	6.00000	-1.00000	-3.00000	-0.087518	-3.3442	-0.0018906	-0.31494	4.5784E-6
	7.00000	-1.00000	-3.00000	-0.13149	-3.3442	-0.0027547	-0.41393	6.0055E-6
	8.00000	-1.00000	-3.00000	-0.19209	-3.3442	-0.0041763	-0.55990	8.1033E-6
	9.00000	-1.00000	-3.00000	-0.27604	-3.3442	-0.0066978	-0.78557	11.332E-6
	10.00000	-1.00000	-3.00000	-0.39329	-3.3442	-0.011745	-1.1576	16.616E-6
	11.00000	-1.00000	-3.00000	-0.55878	-3.3442	-0.024220	-1.8295	26.009E-6
	12.00000	-1.00000	-3.00000	-0.79309	-3.3442	-0.067746	-3.1984	44.340E-6
	13.00000	-1.00000	-3.00000	-1.1016	-3.3442	-0.23459	-5.9391	77.504E-6
	14.00000	-1.00000	-3.00000	-1.3954	-3.3442	-0.41153	-8.6937	110.42E-6
	15.00000	-1.00000	-3.00000	-1.5840	-3.3442	-0.49302	-10.109	127.75E-6
	16.00000	-1.00000	-3.00000	-1.6678	-3.3442	-0.60509	-10.873	134.09E-6
	17.00000	-1.00000	-3.00000	-1.6581	-3.3442	-0.88452	-11.382	129.22E-6
	18.00000	-1.00000	-3.00000	-1.5555	-3.3442	-1.6504	-11.514	97.155E-6
	19.00000	-1.00000	-3.00000	-1.3500	-3.3442	-2.6126	-10.145	34.158E-6
	20.00000	-1.00000	-3.00000	-1.0650	-3.3442	-2.2923	-7.4402	8.3403E-6
	21.00000	-1.00000	-3.00000	-0.78657	-3.3442	-1.4032	-4.9633	11.158E-6
	22.00000	-1.00000	-3.00000	-0.56281	-3.3442	-0.72224	-3.2242	15.655E-6
	23.00000	-1.00000	-3.00000	-0.39772	-3.3442	-0.34967	-2.1155	15.788E-6
	24.00000	-1.00000	-3.00000	-0.27927	-3.3442	-0.17130	-1.4264	13.508E-6
	25.00000	-1.00000	-3.00000	-0.19446	-3.3442	-0.087842	-0.99300	10.799E-6
	26.00000	-1.00000	-3.00000	-0.13342	-3.3442	-0.047558	-0.71295	8.4425E-6
	27.00000	-1.00000	-3.00000	-0.089258	-3.3442	-0.027123	-0.52629	6.5866E-6
	28.00000	-1.00000	-3.00000	-0.057200	-3.3442	-0.016205	-0.39809	5.1736E-6
	29.00000	-1.00000	-3.00000	-0.033915	-3.3442	-0.010086	-0.30761	4.1060E-6
	30.00000	-1.00000	-3.00000	-0.017042	-3.3442	-0.0065054	-0.24218	3.2964E-6
	31.00000	-1.00000	-3.00000	-0.0048832	-3.3442	-0.0043291	-0.19382	2.6771E-6
	32.00000	-1.00000	-3.00000	0.0037942	-3.3442	-0.0029611	-0.15738	2.1984E-6
	33.00000	-1.00000	-3.00000	0.0098954	-3.3442	-0.0020753	-0.12944	1.8241E-6
	34.00000	-1.00000	-3.00000	0.014089	-3.3442	-0.0014863	-0.10769	1.5282E-6
	35.00000	-1.00000	-3.00000	0.016870	-3.3442	-0.0010852	-0.090511	1.2917E-6
	36.00000	-1.00000	-3.00000	0.018610	-3.3442	-806.23E-6	-0.076778	1.1008E-6
	37.00000	-1.00000	-3.00000	0.019584	-3.3442	-608.42E-6	-0.065673	0.0
	38.00000	-1.00000	-3.00000	0.020000	-3.3442	-465.70E-6	-0.056599	0.0
	39.00000	-1.00000	-3.00000	0.020013	-3.3442	-361.07E-6	-0.049115	0.0
	40.00000	-1.00000	-3.00000	0.019738	-3.3442	-283.26E-6	-0.042890	0.0
	41.00000	-1.00000	-3.00000	0.019263	-3.3442	-224.63E-6	-0.037670	0.0
	42.00000	-1.00000	-3.00000	0.018653	-3.3442	-179.90E-6	-0.033261	0.0
	43.00000	-1.00000	-3.00000	0.017956	-3.3442	-145.39E-6	-0.029513	0.0
	44.00000	-1.00000	-3.00000	0.017207	-3.3442	-118.50E-6	-0.026305	0.0
	45.00000	-1.00000	-3.00000	0.016433	-3.3442	-97.333E-6	-0.023545	0.0
	-10.00000	0.00000	-3.00000	0.018451	-3.3442	-44.047E-6	-0.023549	0.0
	-9.00000	0.00000	-3.00000	0.019198	-3.3442	-52.196E-6	-0.026338	0.0
	-8.00000	0.00000	-3.00000	0.019857	-3.3442	-62.225E-6	-0.029587	0.0
	-7.00000	0.00000	-3.00000	0.020379	-3.3442	-74.659E-6	-0.033395	0.0
	-6.00000	0.00000	-3.00000	0.020695	-3.3442	-90.201E-6	-0.037890	0.0
	-5.00000	0.00000	-3.00000	0.020712	-3.3442	-109.80E-6	-0.043232	0.0
	-4.00000	0.00000	-3.00000	0.020304	-3.3442	-134.74E-6	-0.049633	0.0
	-3.00000	0.00000	-3.00000	0.019302	-3.3442	-166.83E-6	-0.057371	0.0
	-2.00000	0.00000	-3.00000	0.017479	-3.3442	-208.57E-6	-0.066817	0.0
	-1.00000	0.00000	-3.00000	0.014528	-3.3442	-263.54E-6	-0.078471	1.1500E-6
	0.00000	0.00000	-3.00000	0.010033	-3.3442	-336.97E-6	-0.093026	1.3622E-6
	1.00000	0.00000	-3.00000	0.0034320	-3.3442	-436.57E-6	-0.11145	1.6306E-6
	2.00000	0.00000	-3.00000	-0.0060416	-3.3442	-574.07E-6	-0.13514	1.9752E-6
	3.00000	0.00000	-3.00000	-0.019441	-3.3442	-767.76E-6	-0.16615	2.4256E-6
	4.00000	0.00000	-3.00000	-0.038224	-3.3442	-0.0010471	-0.20757	3.0264E-6
	5.00000	0.00000	-3.00000	-0.064438	-3.3442	-0.0014615	-0.26428	3.8475E-6
	6.00000	0.00000	-3.00000	-0.10100	-3.3442	-0.0020983	-0.34421	5.0026E-6
	7.00000	0.00000	-3.00000	-0.15218	-3.3442	-0.0031226	-0.46106	6.6869E-6
	8.00000	0.00000	-3.00000	-0.22440	-3.3442	-0.0048798	-0.64002	9.2583E-6
	9.00000	0.00000	-3.00000	-0.32776	-3.3442	-0.0082118	-0.93213	13.435E-6
	10.00000	0.00000	-3.00000	-0.47926	-3.3442	-0.015749	-1.4563	20.859E-6
	11.00000	0.00000	-3.00000	-0.71063	-3.3442	-0.040164	-2.5620	36.144E-6
	12.00000	0.00000	-3.00000	-1.0942	-3.3442	-0.22726	-5.8736	76.860E-6
	13.00000	0.00000	-3.00000	-2.0373	-3.3442	-13.784	-31.847	-140.70E-6
	14.00000	0.00000	-3.00000	-2.9624	-3.3442	-27.356	-57.846	-358.56E-6
	15.00000	0.00000	-3.00000	-3.2894	-3.3442	-27.602	-61.245	-319.19E-6
	16.00000	0.00000	-3.00000	-3.4171	-3.3442	-27.801	-62.541	-308.86E-6
	17.00000	0.00000	-3.00000	-3.4001	-3.3442	-28.437	-63.408	-324.24E-6
	18.00000	0.00000	-3.00000	-3.2345	-3.3442	-31.347	-61.898	-475.86E-6
	19.00000	0.00000	-3.00000	-2.3498	-3.3442	-14.480	-28.313	-223.96E-6
	20.00000	0.00000	-3.00000	-1.6019	-3.3442	-6.9450	-14.373	-95.661E-6
	21.00000	0.00000	-3.00000	-1.0748	-3.3442	-3.1434	-7.9415	-22.039E-6
	22.00000	0.00000	-3.00000	-0.72120	-3.3442	-1.3417	-4.5843	8.2786E-6
	23.00000	0.00000	-3.00000	-0.48823	-3.3442	-0.56774	-2.7720	15.822E-6
	24.00000	0.00000	-3.00000	-0.33325	-3.3442	-0.25175	-1.7630	14.919E-6
	25.00000	0.00000	-3.00000	-0.22784	-3.3442	-0.11988	-1.1762	12.088E-6
	26.00000	0.00000	-3.00000	-0.15464	-3.3442	-0.061374	-0.81807	9.3851E-6
	27.00000	0.00000	-3.00000	-0.10302	-3.3442	-0.033526	-0.58950	7.2381E-6
	28.00000	0.00000	-3.00000	-0.066254	-3.3442	-0.019367	-0.43768	5.6194E-6
	29.00000	0.00000	-3.00000	-0.039925	-3.3442	-0.011734	-0.33331	4.4131E-6
	30.00000	0.00000	-3.00000	-0.021049	-3.3442	-0.0074068	-0.25938	3.5109E-6
	31.00000	0.00000	-3.00000	-0.0075539	-3.3442	-0.0048431	-0.20565	2.8294E-6
	32.00000	0.00000	-3.00000	0.0020240	-3.3442	-0.0032653	-0.16572	2.3083E-6
	33.00000	0.00000	-3.00000	0.0087362	-3.3442	-0.0022613	-0.13545	1.9047E-6
	34.00000	0.00000	-3.00000	0.013346	-3.3442	-0.0016034	-0.11210	1.5883E-6
	35.00000	0.00000	-3.00000	0.016411	-3.3442	-0.0011609	-0.093804	1.3371E-6
	36.00000	0.00000	-3.00000	0.018345	-3.3442	-856.31E-6	-0.079276	1.1356E-6
	37.00000	0.00000	-3.00000	0.019450	-3.3442	-642.28E-6	-0.067594	0.0
	38.00000	0.00000	-3.00000	0.019954	-3.3442	-489.04E-6	-0.058096	0.0
	39.00000	0.00000	-3.00000	0.020025	-3.3442	-377.45E-6	-0.050296	0.0
	40.00000	0.00000	-3.00000	0.019788	-3.3442	-294.94E-6	-0.043830	0.0
	41.00000	0.00000	-3.00000	0.019336	-3.3442	-233.08E-6	-0.038426	0.0
	42.00000	0.00000	-3.00000	0.018739	-3.3442	-186.10E-6	-0.033875	0.0
	43.00000	0.00000	-3.00000	0.018049	-3.3442	-150.00E-6	-0.030015	0.0
	44.00000	0.00000	-3.00000	0.017302	-3.3442	-121.96E-6	-0.026720	0.0
	45.00000	0.00000	-3.00000	0.016527	-3.3442	-99.967E-6	-0.023889	0.0
	-10.00000	1.00000	-3.00000	0.018524	-3.3442	-44.716E-6	-0.023803	0.0
	-9.00000	1.00000	-3.00000	0.019266	-3.3442	-53.047E-6	-0.026644	0.0
	-8.00000	1.00000	-3.00000	0.019917	-3.3442	-63.317E-6	-0.029959	0.0
	-7.00000	1.00000	-3.00000	0.020423	-3.3442	-76.073E-6	-0.033852	0.0
	-6.00000	1.00000	-3.00000	0.020712	-3.3442	-92.051E-6	-0.038454	0.0
	-5.00000	1.00000	-3.00000	0.020687	-3.3442	-112.24E-6	-0.043937	0.0
	-4.00000	1.00000	-3.00000	0.020215	-3.3442	-138.02E-6	-0.050524	0.0
	-3.00000	1.00000	-3.00000	0.019116	-3.3442	-171.27E-6	-0.058510	0.0
	-2.00000	1.00000	-3.00000	0.017149	-3.3442	-214.68E-6	-0.068290	1.0014E-6
	-1.00000	1.00000	-3.00000	0.013984	-3.3442	-272.09E-6	-0.080406	1.1783E-6
	0.00000	1.00000	-3.00000	0.0091730	-3.3442	-349.14E-6	-0.095609	1.3999E-6
	1.00000	1.00000	-3.00000	0.0021046	-3.3442	-454.26E-6	-0.11496	1.6818E-6
	2.00000	1.00000	-3.00000	-0.0080641	-3.3442	-600.37E-6	-0.14002	2.0462E-6
	3.00000	1.00000	-3.00000	-0.022504	-3.3442	-807.93E-6	-0.17308	2.5264E-6
	4.00000	1.00000	-3.00000	-0.042860	-3.3442	-0.0011104	-0.21770	3.1736E-6
	5.00000	1.00000	-3.00000	-0.071485	-3.3442	-0.0015651	-0.27957	4.0693E-6
	6.00000	1.00000	-3.00000	-0.11182	-3.3442	-0.0022758	-0.36823	5.3502E-6
	7.00000	1.00000	-3.00000	-0.16902	-3.3442	-0.0034456	-0.50058	7.2576E-6
	8.00000	1.00000	-3.00000	-0.25118	-3.3442	-0.0055178	-0.70903	10.252E-6
	9.00000	1.00000	-3.00000	-0.37163	-3.3442	-0.0096345	-1.0624	15.300E-6
	10.00000	1.00000	-3.00000	-0.55423	-3.3442	-0.019643	-1.7313	24.757E-6
	11.00000	1.00000	-3.00000	-0.84742	-3.3442	-0.056026	-3.2610	45.788E-6
	12.00000	1.00000	-3.00000	-1.3754	-3.3442	-0.38687	-8.5042	108.72E-6
	13.00000	1.00000	-3.00000	-2.9479	-3.3442	-27.334	-57.701	-359.76E-6
	14.00000	1.00000	-3.00000	-4.4993	-3.3442	-54.301	-106.94	-828.55E-6
	15.00000	1.00000	-3.00000	-4.9610	-3.3442	-54.714	-112.32	-767.23E-6
	16.00000	1.00000	-3.00000	-5.1307	-3.3442	-55.000	-114.14	-752.94E-6
	17.00000	1.00000	-3.00000	-5.1064	-3.3442	-55.990	-115.36	-778.86E-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 [-]
	18.00000	1.00000	-3.00000	-4.8799	-3.3442	-61.041	-112.20	-0.0010500
	19.00000	1.00000	-3.00000	-3.3200	-3.3442	-26.341	-46.391	-483.09E-6
	20.00000	1.00000	-3.00000	-2.1139	-3.3442	-11.588	-21.219	-200.54E-6
	21.00000	1.00000	-3.00000	-1.3432	-3.3442	-4.8739	-10.842	-55.951E-6
	22.00000	1.00000	-3.00000	-0.86456	-3.3442	-1.9531	-5.8823	0.0
	23.00000	1.00000	-3.00000	-0.56770	-3.3442	-0.78013	-3.3824	15.426E-6
	24.00000	1.00000	-3.00000	-0.37933	-3.3442	-0.32854	-2.0669	16.008E-6
	25.00000	1.00000	-3.00000	-0.25566	-3.3442	-0.14970	-1.3368	13.141E-6
	26.00000	1.00000	-3.00000	-0.17198	-3.3442	-0.073884	-0.90779	10.158E-6
	27.00000	1.00000	-3.00000	-0.11409	-3.3442	-0.039171	-0.64219	7.7675E-6
	28.00000	1.00000	-3.00000	-0.073443	-3.3442	-0.022084	-0.47003	5.9775E-6
	29.00000	1.00000	-3.00000	-0.044651	-3.3442	-0.013120	-0.35394	4.6571E-6
	30.00000	1.00000	-3.00000	-0.024176	-3.3442	-0.0081501	-0.27300	3.6796E-6
	31.00000	1.00000	-3.00000	-0.0096270	-3.3442	-0.0052599	-0.21492	2.9480E-6
	32.00000	1.00000	-3.00000	654.61E-6	-3.3442	-0.0035084	-0.17218	2.3932E-6
	33.00000	1.00000	-3.00000	0.0078409	-3.3442	-0.0024081	-0.14006	1.9666E-6
	34.00000	1.00000	-3.00000	0.012772	-3.3442	-0.0016948	-0.11546	1.6340E-6
	35.00000	1.00000	-3.00000	0.016055	-3.3442	-0.0012195	-0.096304	1.3715E-6
	36.00000	1.00000	-3.00000	0.018137	-3.3442	-894.81E-6	-0.081163	1.1618E-6
	37.00000	1.00000	-3.00000	0.019343	-3.3442	-668.14E-6	-0.069040	0.0
	38.00000	1.00000	-3.00000	0.019914	-3.3442	-506.76E-6	-0.059218	0.0
	39.00000	1.00000	-3.00000	0.020029	-3.3442	-389.83E-6	-0.051178	0.0
	40.00000	1.00000	-3.00000	0.019820	-3.3442	-303.73E-6	-0.044531	0.0
	41.00000	1.00000	-3.00000	0.019386	-3.3442	-239.42E-6	-0.038989	0.0
	42.00000	1.00000	-3.00000	0.018800	-3.3442	-190.73E-6	-0.034331	0.0
	43.00000	1.00000	-3.00000	0.018114	-3.3442	-153.43E-6	-0.030387	0.0
	44.00000	1.00000	-3.00000	0.017369	-3.3442	-124.54E-6	-0.027026	0.0
	45.00000	1.00000	-3.00000	0.016594	-3.3442	-101.92E-6	-0.024143	0.0
	-10.00000	2.00000	-3.00000	0.018566	-3.3442	-45.146E-6	-0.023962	0.0
	-9.00000	2.00000	-3.00000	0.019306	-3.3442	-53.595E-6	-0.026837	0.0
	-8.00000	2.00000	-3.00000	0.019951	-3.3442	-64.022E-6	-0.030195	0.0
	-7.00000	2.00000	-3.00000	0.020447	-3.3442	-76.989E-6	-0.034141	0.0
	-6.00000	2.00000	-3.00000	0.020720	-3.3442	-93.252E-6	-0.038812	0.0
	-5.00000	2.00000	-3.00000	0.020669	-3.3442	-113.84E-6	-0.044386	0.0
	-4.00000	2.00000	-3.00000	0.020156	-3.3442	-140.16E-6	-0.051091	0.0
	-3.00000	2.00000	-3.00000	0.018997	-3.3442	-174.20E-6	-0.059236	0.0
	-2.00000	2.00000	-3.00000	0.016939	-3.3442	-218.73E-6	-0.069233	1.0152E-6
	-1.00000	2.00000	-3.00000	0.013640	-3.3442	-277.79E-6	-0.081649	1.1964E-6
	0.00000	2.00000	-3.00000	0.0086301	-3.3442	-357.32E-6	-0.097274	1.4242E-6
	1.00000	2.00000	-3.00000	0.0012662	-3.3442	-466.24E-6	-0.11724	1.7149E-6
	2.00000	2.00000	-3.00000	-0.0093437	-3.3442	-618.38E-6	-0.14319	2.0923E-6
	3.00000	2.00000	-3.00000	-0.024447	-3.3442	-835.76E-6	-0.17762	2.5924E-6
	4.00000	2.00000	-3.00000	-0.045815	-3.3442	-0.0011549	-0.22439	3.2706E-6
	5.00000	2.00000	-3.00000	-0.076006	-3.3442	-0.0016391	-0.28977	4.2170E-6
	6.00000	2.00000	-3.00000	-0.11881	-3.3442	-0.0024052	-0.38442	5.5841E-6
	7.00000	2.00000	-3.00000	-0.18001	-3.3442	-0.0036860	-0.52757	7.6465E-6
	8.00000	2.00000	-3.00000	-0.26885	-3.3442	-0.0060016	-0.75679	10.937E-6
	9.00000	2.00000	-3.00000	-0.40090	-3.3442	-0.010719	-1.1534	16.598E-6
	10.00000	2.00000	-3.00000	-0.60457	-3.3442	-0.022472	-1.9212	27.444E-6
	11.00000	2.00000	-3.00000	-0.93784	-3.3442	-0.065270	-3.7066	51.973E-6
	12.00000	2.00000	-3.00000	-1.5438	-3.3442	-0.42806	-9.6934	124.49E-6
	13.00000	2.00000	-3.00000	-3.2491	-3.3442	-27.523	-60.803	-322.21E-6
	14.00000	2.00000	-3.00000	-4.9312	-3.3442	-54.645	-111.98	-769.20E-6
	15.00000	2.00000	-3.00000	-5.4635	-3.3442	-55.114	-118.17	-698.40E-6
	16.00000	2.00000	-3.00000	-5.6592	-3.3442	-55.462	-120.34	-681.62E-6
	17.00000	2.00000	-3.00000	-5.6303	-3.3442	-56.620	-121.79	-711.66E-6
	18.00000	2.00000	-3.00000	-5.3677	-3.3442	-62.235	-118.64	-0.0010077
	19.00000	2.00000	-3.00000	-3.7235	-3.3442	-28.276	-51.696	-490.49E-6
	20.00000	2.00000	-3.00000	-2.3911	-3.3442	-13.159	-24.515	-221.51E-6
	21.00000	2.00000	-3.00000	-1.5097	-3.3442	-5.7097	-12.584	-67.288E-6
	22.00000	2.00000	-3.00000	-0.95889	-3.3442	-2.3105	-6.7434	-2.7872E-6
	23.00000	2.00000	-3.00000	-0.62091	-3.3442	-0.91827	-3.8038	15.528E-6
	24.00000	2.00000	-3.00000	-0.41008	-3.3442	-0.38116	-2.2786	16.804E-6
	25.00000	2.00000	-3.00000	-0.27403	-3.3442	-0.17049	-1.4478	13.862E-6
	26.00000	2.00000	-3.00000	-0.18330	-3.3442	-0.082596	-0.96909	10.678E-6
	27.00000	2.00000	-3.00000	-0.12124	-3.3442	-0.043062	-0.67772	8.1206E-6
	28.00000	2.00000	-3.00000	-0.078054	-3.3442	-0.023934	-0.49157	6.2143E-6
	29.00000	2.00000	-3.00000	-0.047662	-3.3442	-0.014051	-0.36754	4.8171E-6
	30.00000	2.00000	-3.00000	-0.026159	-3.3442	-0.0086435	-0.28190	3.7894E-6
	31.00000	2.00000	-3.00000	-0.010937	-3.3442	-0.0055336	-0.22092	3.0247E-6
	32.00000	2.00000	-3.00000	-209.07E-6	-3.3442	-0.0036666	-0.17635	2.4478E-6
	33.00000	2.00000	-3.00000	0.0072766	-3.3442	-0.0025029	-0.14302	2.0062E-6
	34.00000	2.00000	-3.00000	0.012409	-3.3442	-0.0017535	-0.11761	1.6632E-6
	35.00000	2.00000	-3.00000	0.015830	-3.3442	-0.0012569	-0.097893	1.3934E-6
	36.00000	2.00000	-3.00000	0.018004	-3.3442	-919.23E-6	-0.082359	1.1784E-6
	37.00000	2.00000	-3.00000	0.019272	-3.3442	-684.47E-6	-0.069954	1.0052E-6
	38.00000	2.00000	-3.00000	0.019886	-3.3442	-517.92E-6	-0.059926	0.0
	39.00000	2.00000	-3.00000	0.020028	-3.3442	-397.59E-6	-0.051733	0.0
	40.00000	2.00000	-3.00000	0.019838	-3.3442	-309.23E-6	-0.044971	0.0
	41.00000	2.00000	-3.00000	0.019415	-3.3442	-243.37E-6	-0.039342	0.0
	42.00000	2.00000	-3.00000	0.018835	-3.3442	-193.62E-6	-0.034616	0.0
	43.00000	2.00000	-3.00000	0.018153	-3.3442	-155.57E-6	-0.030620	0.0
	44.00000	2.00000	-3.00000	0.017409	-3.3442	-126.14E-6	-0.027217	0.0
	45.00000	2.00000	-3.00000	0.016633	-3.3442	-103.13E-6	-0.024302	0.0
	-10.00000	3.00000	-3.00000	0.018579	-3.3442	-45.326E-6	-0.024025	0.0
	-9.00000	3.00000	-3.00000	0.019318	-3.3442	-53.826E-6	-0.026913	0.0
	-8.00000	3.00000	-3.00000	0.019961	-3.3442	-64.320E-6	-0.030287	0.0
	-7.00000	3.00000	-3.00000	0.020454	-3.3442	-77.379E-6	-0.034255	0.0
	-6.00000	3.00000	-3.00000	0.020721	-3.3442	-93.768E-6	-0.038954	0.0
	-5.00000	3.00000	-3.00000	0.020661	-3.3442	-114.53E-6	-0.044563	0.0
	-4.00000	3.00000	-3.00000	0.020135	-3.3442	-141.10E-6	-0.051316	0.0
	-3.00000	3.00000	-3.00000	0.018955	-3.3442	-175.48E-6	-0.059524	0.0
	-2.00000	3.00000	-3.00000	0.016867	-3.3442	-220.53E-6	-0.069607	1.0207E-6
	-1.00000	3.00000	-3.00000	0.013523	-3.3442	-280.36E-6	-0.082141	1.2036E-6
	0.00000	3.00000	-3.00000	0.0084466	-3.3442	-361.05E-6	-0.097935	1.4338E-6
	1.00000	3.00000	-3.00000	983.90E-6	-3.3442	-471.79E-6	-0.11814	1.7280E-6
	2.00000	3.00000	-3.00000	-0.0097737	-3.3442	-626.85E-6	-0.14445	2.1107E-6
	3.00000	3.00000	-3.00000	-0.025100	-3.3442	-849.11E-6	-0.17943	2.6186E-6
	4.00000	3.00000	-3.00000	-0.046809	-3.3442	-0.0011767	-0.22706	3.3092E-6
	5.00000	3.00000	-3.00000	-0.077527	-3.3442	-0.0016762	-0.29385	4.2757E-6
	6.00000	3.00000	-3.00000	-0.12117	-3.3442	-0.0024716	-0.39090	5.6772E-6
	7.00000	3.00000	-3.00000	-0.18373	-3.3442	-0.0038124	-0.53840	7.8012E-6
	8.00000	3.00000	-3.00000	-0.27486	-3.3442	-0.0062612	-0.77594	11.209E-6
	9.00000	3.00000	-3.00000	-0.41091	-3.3442	-0.011303	-1.1896	17.108E-6
	10.00000	3.00000	-3.00000	-0.62175	-3.3442	-0.023939	-1.9949	28.470E-6
	11.00000	3.00000	-3.00000	-0.96807	-3.3442	-0.069388	-3.8666	54.160E-6
	12.00000	3.00000	-3.00000	-1.5965	-3.3442	-0.44034	-10.046	129.16E-6
	13.00000	3.00000	-3.00000	-3.3332	-3.3442	-27.557	-61.496	-313.46E-6
	14.00000	3.00000	-3.00000	-5.0452	-3.3442	-54.725	-113.07	-756.58E-6
	15.00000	3.00000	-3.00000	-5.5956	-3.3442	-55.275	-119.61	-684.24E-6
	16.00000	3.00000	-3.00000	-5.7978	-3.3442	-55.706	-122.03	-667.52E-6
	17.00000	3.00000	-3.00000	-5.7671	-3.3442	-56.920	-123.57	-698.55E-6
	18.00000	3.00000	-3.00000	-5.4947	-3.3442	-62.585	-120.35	-997.83E-6
	19.00000	3.00000	-3.00000	-3.8311	-3.3442	-28.661	-53.130	-486.35E-6
	20.00000	3.00000	-3.00000	-2.4710	-3.3442	-13.495	-25.510	-221.70E-6
	21.00000	3.00000	-3.00000	-1.5619	-3.3442	-5.9255	-13.170	-68.202E-6
	22.00000	3.00000	-3.00000	-0.99002	-3.3442	-2.4181	-7.0538	-2.9681E-6
	23.00000	3.00000	-3.00000	-0.63888	-3.3442	-0.96423	-3.9614	15.821E-6
	24.00000	3.00000	-3.00000	-0.42052	-3.3442	-0.39966	-2.3589	17.172E-6
	25.00000	3.00000	-3.00000	-0.28025	-3.3442	-0.17799	-1.4902	14.156E-6
	26.00000	3.00000	-3.00000	-0.18712	-3.3442	-0.085761	-0.99246	10.884E-6
	27.00000	3.00000	-3.00000	-0.12365	-3.3442	-0.044476	-0.69124	8.2579E-6
	28.00000	3.00000	-3.00000	-0.079597	-3.3442	-0.024604	-0.49975	6.3056E-6
	29.00000	3.00000	-3.00000	-0.048668	-3.3442	-0.014387	-0.37270	4.8785E-6
	30.00000	3.00000	-3.00000	-0.026821	-3.3442	-0.0088209	-0.28526	3.8313E-6
	31.00000	3.00000	-3.00000	-0.011375	-3.3442	-0.0056318	-0.22319	3.0540E-6
	32.00000	3.00000	-3.00000	-498.19E-6	-3.3442	-0.0037231	-0.17792	2.4686E-6
	33.00000	3.00000	-3.00000	0.0070870	-3.3442	-0.0025367	-0.14414	2.0212E-6
	34.00000	3.00000	-3.00000	0.012287	-3.3442	-0.0017744	-0.11842	1.6743E-6
	35.00000	3.00000	-3.00000	0.015753	-3.3442	-0.0012702	-0.098494	1.4017E-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 [-]
	36.00000	3.00000	-3.00000	0.017958	-3.3442	-927.92E-6	-0.082811	1.1847E-6
	37.00000	3.00000	-3.00000	0.019247	-3.3442	-690.28E-6	-0.070300	1.0101E-6
	38.00000	3.00000	-3.00000	0.019874	-3.3442	-521.89E-6	-0.060194	0.0
	39.00000	3.00000	-3.00000	0.020027	-3.3442	-400.36E-6	-0.051943	0.0
	40.00000	3.00000	-3.00000	0.019842	-3.3442	-311.19E-6	-0.045138	0.0
	41.00000	3.00000	-3.00000	0.019423	-3.3442	-244.78E-6	-0.039475	0.0
	42.00000	3.00000	-3.00000	0.018845	-3.3442	-194.65E-6	-0.034724	0.0
	43.00000	3.00000	-3.00000	0.018164	-3.3442	-156.33E-6	-0.030708	0.0
	44.00000	3.00000	-3.00000	0.017421	-3.3442	-126.71E-6	-0.027290	0.0
	45.00000	3.00000	-3.00000	0.016645	-3.3442	-103.56E-6	-0.024362	0.0
	-10.00000	4.00000	-3.00000	0.018563	-3.3442	-45.252E-6	-0.023990	0.0
	-9.00000	4.00000	-3.00000	0.019302	-3.3442	-53.733E-6	-0.026871	0.0
	-8.00000	4.00000	-3.00000	0.019947	-3.3442	-64.204E-6	-0.030235	0.0
	-7.00000	4.00000	-3.00000	0.020443	-3.3442	-77.232E-6	-0.034191	0.0
	-6.00000	4.00000	-3.00000	0.020716	-3.3442	-93.581E-6	-0.038874	0.0
	-5.00000	4.00000	-3.00000	0.020665	-3.3442	-114.29E-6	-0.044463	0.0
	-4.00000	4.00000	-3.00000	0.020153	-3.3442	-140.79E-6	-0.051189	0.0
	-3.00000	4.00000	-3.00000	0.018995	-3.3442	-175.08E-6	-0.059361	0.0
	-2.00000	4.00000	-3.00000	0.016939	-3.3442	-220.00E-6	-0.069395	1.0176E-6
	-1.00000	4.00000	-3.00000	0.013642	-3.3442	-279.65E-6	-0.081861	1.1995E-6
	0.00000	4.00000	-3.00000	0.0086371	-3.3442	-360.11E-6	-0.097557	1.4282E-6
	1.00000	4.00000	-3.00000	0.0012807	-3.3442	-470.53E-6	-0.11762	1.7204E-6
	2.00000	4.00000	-3.00000	-0.0093175	-3.3442	-625.16E-6	-0.14372	2.0999E-6
	3.00000	4.00000	-3.00000	-0.024403	-3.3442	-846.82E-6	-0.17837	2.6030E-6
	4.00000	4.00000	-3.00000	-0.045742	-3.3442	-0.0011736	-0.22547	3.2858E-6
	5.00000	4.00000	-3.00000	-0.075887	-3.3442	-0.0016721	-0.29139	4.2395E-6
	6.00000	4.00000	-3.00000	-0.11862	-3.3442	-0.0024663	-0.38691	5.6183E-6
	7.00000	4.00000	-3.00000	-0.17970	-3.3442	-0.0038060	-0.53157	7.7003E-6
	8.00000	4.00000	-3.00000	-0.26835	-3.3442	-0.0062540	-0.76350	11.025E-6
	9.00000	4.00000	-3.00000	-0.40009	-3.3442	-0.011296	-1.1652	16.749E-6
	10.00000	4.00000	-3.00000	-0.60322	-3.3442	-0.023932	-1.9437	27.712E-6
	11.00000	4.00000	-3.00000	-0.93554	-3.3442	-0.069457	-3.7526	52.470E-6
	12.00000	4.00000	-3.00000	-1.5397	-3.3442	-0.44205	-9.7964	125.39E-6
	13.00000	4.00000	-3.00000	-3.2417	-3.3442	-27.579	-61.053	-320.98E-6
	14.00000	4.00000	-3.00000	-4.9180	-3.3442	-54.903	-112.59	-771.56E-6
	15.00000	4.00000	-3.00000	-5.4435	-3.3442	-56.074	-119.35	-723.53E-6
	16.00000	4.00000	-3.00000	-5.6336	-3.3442	-57.109	-122.04	-729.72E-6
	17.00000	4.00000	-3.00000	-5.6033	-3.3442	-58.378	-123.61	-762.73E-6
	18.00000	4.00000	-3.00000	-5.3447	-3.3442	-63.615	-120.09	-0.0010475
	19.00000	4.00000	-3.00000	-3.7068	-3.3442	-28.812	-52.592	-501.04E-6
	20.00000	4.00000	-3.00000	-2.3811	-3.3442	-13.278	-24.911	-220.93E-6
	21.00000	4.00000	-3.00000	-1.5043	-3.3442	-5.7370	-12.743	-66.146E-6
	22.00000	4.00000	-3.00000	-0.95584	-3.3442	-2.3180	-6.8115	-2.1118E-6
	23.00000	4.00000	-3.00000	-0.61916	-3.3442	-0.92070	-3.8356	15.892E-6
	24.00000	4.00000	-3.00000	-0.40904	-3.3442	-0.38207	-2.2948	17.003E-6
	25.00000	4.00000	-3.00000	-0.27340	-3.3442	-0.17087	-1.4567	13.976E-6
	26.00000	4.00000	-3.00000	-0.18291	-3.3442	-0.082768	-0.97423	10.747E-6
	27.00000	4.00000	-3.00000	-0.12100	-3.3442	-0.043147	-0.68086	8.1633E-6
	28.00000	4.00000	-3.00000	-0.077903	-3.3442	-0.023979	-0.49357	6.2418E-6
	29.00000	4.00000	-3.00000	-0.047568	-3.3442	-0.014076	-0.36886	4.8355E-6
	30.00000	4.00000	-3.00000	-0.026102	-3.3442	-0.0086578	-0.28279	3.8020E-6
	31.00000	4.00000	-3.00000	-0.010903	-3.3442	-0.0055423	-0.22155	3.0336E-6
	32.00000	4.00000	-3.00000	-189.37E-6	-3.3442	-0.0036720	-0.17680	2.4543E-6
	33.00000	4.00000	-3.00000	0.0072869	-3.3442	-0.0025064	-0.14335	2.0109E-6
	34.00000	4.00000	-3.00000	0.012414	-3.3442	-0.0017558	-0.11786	1.6668E-6
	35.00000	4.00000	-3.00000	0.015831	-3.3442	-0.0012584	-0.098078	1.3961E-6
	36.00000	4.00000	-3.00000	0.018003	-3.3442	-920.28E-6	-0.082501	1.1805E-6
	37.00000	4.00000	-3.00000	0.019270	-3.3442	-685.21E-6	-0.070064	1.0068E-6
	38.00000	4.00000	-3.00000	0.019882	-3.3442	-518.45E-6	-0.060013	0.0
	39.00000	4.00000	-3.00000	0.020025	-3.3442	-397.98E-6	-0.051802	0.0
	40.00000	4.00000	-3.00000	0.019834	-3.3442	-309.51E-6	-0.045027	0.0
	41.00000	4.00000	-3.00000	0.019411	-3.3442	-243.58E-6	-0.039387	0.0
	42.00000	4.00000	-3.00000	0.018831	-3.3442	-193.78E-6	-0.034653	0.0
	43.00000	4.00000	-3.00000	0.018149	-3.3442	-155.69E-6	-0.030650	0.0
	44.00000	4.00000	-3.00000	0.017406	-3.3442	-126.23E-6	-0.027243	0.0
	45.00000	4.00000	-3.00000	0.016630	-3.3442	-103.20E-6	-0.024323	0.0
	-10.00000	5.00000	-3.00000	0.018517	-3.3442	-44.925E-6	-0.023857	0.0
	-9.00000	5.00000	-3.00000	0.019259	-3.3442	-53.319E-6	-0.026710	0.0
	-8.00000	5.00000	-3.00000	0.019909	-3.3442	-63.675E-6	-0.030040	0.0
	-7.00000	5.00000	-3.00000	0.020415	-3.3442	-76.550E-6	-0.033951	0.0
	-6.00000	5.00000	-3.00000	0.020705	-3.3442	-92.694E-6	-0.038576	0.0
	-5.00000	5.00000	-3.00000	0.020680	-3.3442	-113.12E-6	-0.044090	0.0
	-4.00000	5.00000	-3.00000	0.020208	-3.3442	-139.24E-6	-0.050716	0.0
	-3.00000	5.00000	-3.00000	0.019112	-3.3442	-172.99E-6	-0.058755	0.0
	-2.00000	5.00000	-3.00000	0.017147	-3.3442	-217.15E-6	-0.068607	1.0060E-6
	-1.00000	5.00000	-3.00000	0.013988	-3.3442	-275.70E-6	-0.080821	1.1842E-6
	0.00000	5.00000	-3.00000	0.0091860	-3.3442	-354.53E-6	-0.096160	1.4078E-6
	1.00000	5.00000	-3.00000	0.0021319	-3.3442	-462.50E-6	-0.11571	1.6924E-6
	2.00000	5.00000	-3.00000	-0.0080143	-3.3442	-613.33E-6	-0.14104	2.0608E-6
	3.00000	5.00000	-3.00000	-0.022419	-3.3442	-828.94E-6	-0.17452	2.5468E-6
	4.00000	5.00000	-3.00000	-0.042720	-3.3442	-0.0011457	-0.21978	3.2027E-6
	5.00000	5.00000	-3.00000	-0.071261	-3.3442	-0.0016268	-0.28265	4.1121E-6
	6.00000	5.00000	-3.00000	-0.11146	-3.3442	-0.0023888	-0.37293	5.4148E-6
	7.00000	5.00000	-3.00000	-0.16845	-3.3442	-0.0036646	-0.50805	7.3584E-6
	8.00000	5.00000	-3.00000	-0.25026	-3.3442	-0.0059711	-0.72141	10.415E-6
	9.00000	5.00000	-3.00000	-0.37015	-3.3442	-0.010652	-1.0840	15.575E-6
	10.00000	5.00000	-3.00000	-0.55179	-3.3442	-0.022174	-1.7715	25.240E-6
	11.00000	5.00000	-3.00000	-0.84330	-3.3442	-0.063226	-3.3420	46.667E-6
	12.00000	5.00000	-3.00000	-1.3682	-3.3442	-0.41161	-8.6836	110.27E-6
	13.00000	5.00000	-3.00000	-2.9348	-3.3442	-27.448	-58.148	-358.20E-6
	14.00000	5.00000	-3.00000	-4.4770	-3.3442	-55.135	-108.04	-849.23E-6
	15.00000	5.00000	-3.00000	-4.7520	-3.3442	-50.898	-100.75	-768.96E-6
	16.00000	5.00000	-3.00000	-4.7373	-3.3442	-46.507	-89.809	-735.93E-6
	17.00000	5.00000	-3.00000	-4.7112	-3.3442	-47.979	-91.243	-780.07E-6
	18.00000	5.00000	-3.00000	-4.4863	-3.3442	-51.115	-88.653	-957.72E-6
	19.00000	5.00000	-3.00000	-3.2962	-3.3442	-28.630	-46.788	-578.88E-6
	20.00000	5.00000	-3.00000	-2.0964	-3.3442	-11.878	-21.949	-202.58E-6
	21.00000	5.00000	-3.00000	-1.3336	-3.3442	-4.9247	-11.121	-54.073E-6
	22.00000	5.00000	-3.00000	-0.85913	-3.3442	-1.9661	-6.0012	1.5226E-6
	23.00000	5.00000	-3.00000	-0.56454	-3.3442	-0.78432	-3.4388	16.075E-6
	24.00000	5.00000	-3.00000	-0.37743	-3.3442	-0.33012	-2.0962	16.371E-6
	25.00000	5.00000	-3.00000	-0.25449	-3.3442	-0.15037	-1.3530	13.352E-6
	26.00000	5.00000	-3.00000	-0.17125	-3.3442	-0.074196	-0.91735	10.285E-6
	27.00000	5.00000	-3.00000	-0.11364	-3.3442	-0.039327	-0.64809	7.8478E-6
	28.00000	5.00000	-3.00000	-0.073159	-3.3442	-0.022167	-0.47381	6.0299E-6
	29.00000	5.00000	-3.00000	-0.044473	-3.3442	-0.013167	-0.35646	4.6923E-6
	30.00000	5.00000	-3.00000	-0.024067	-3.3442	-0.0081772	-0.27473	3.7039E-6
	31.00000	5.00000	-3.00000	-0.0095617	-3.3442	-0.0052764	-0.21613	2.9652E-6
	32.00000	5.00000	-3.00000	691.87E-6	-3.3442	-0.0035187	-0.17306	2.4057E-6
	33.00000	5.00000	-3.00000	0.0078602	-3.3442	-0.0024148	-0.14070	1.9757E-6
	34.00000	5.00000	-3.00000	0.012780	-3.3442	-0.0016992	-0.11594	1.6409E-6
	35.00000	5.00000	-3.00000	0.016056	-3.3442	-0.0012225	-0.096665	1.3767E-6
	36.00000	5.00000	-3.00000	0.018133	-3.3442	-896.86E-6	-0.081441	1.1658E-6
	37.00000	5.00000	-3.00000	0.019337	-3.3442	-669.58E-6	-0.069256	0.0
	38.00000	5.00000	-3.00000	0.019907	-3.3442	-507.80E-6	-0.059389	0.0
	39.00000	5.00000	-3.00000	0.020021	-3.3442	-390.58E-6	-0.051314	0.0
	40.00000	5.00000	-3.00000	0.019813	-3.3442	-304.29E-6	-0.044640	0.0
	41.00000	5.00000	-3.00000	0.019379	-3.3442	-239.83E-6	-0.039078	0.0
	42.00000	5.00000	-3.00000	0.018793	-3.3442	-191.05E-6	-0.034403	0.0
	43.00000	5.00000	-3.00000	0.018108	-3.3442	-153.67E-6	-0.030447	0.0
	44.00000	5.00000	-3.00000	0.017363	-3.3442	-124.72E-6	-0.027076	0.0
	45.00000	5.00000	-3.00000	0.016588	-3.3442	-102.06E-6	-0.024185	0.0
	-10.00000	6.00000	-3.00000	0.018442	-3.3442	-44.352E-6	-0.023630	0.0
	-9.00000	6.00000	-3.00000	0.019187	-3.3442	-52.594E-6	-0.026435	0.0
	-8.00000	6.00000	-3.00000	0.019846	-3.3442	-62.747E-6	-0.029705	0.0
	-7.00000	6.00000	-3.00000	0.020368	-3.3442	-75.354E-6	-0.033540	0.0
	-6.00000	6.00000	-3.00000	0.020684	-3.3442	-91.136E-6	-0.038068	0.0
	-5.00000	6.00000	-3.00000	0.020701	-3.3442	-111.07E-6	-0.043455	0.0
	-4.00000	6.00000	-3.00000	0.020294	-3.3442	-136.50E-6	-0.049913	0.0
	-3.00000	6.00000	-3.00000	0.019295	-3.3442	-169.30E-6	-0.057728	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 [-]
	-2.00000	6.00000	-3.00000	0.017476	-3.3442	-212.09E-6	-0.067276	0.0
	-1.00000	6.00000	-3.00000	0.014532	-3.3442	-268.67E-6	-0.079070	1.1586E-6
	0.00000	6.00000	-3.00000	0.010050	-3.3442	-344.59E-6	-0.093818	1.3736E-6
	1.00000	6.00000	-3.00000	0.0034690	-3.3442	-448.15E-6	-0.11252	1.6458E-6
	2.00000	6.00000	-3.00000	-0.0059735	-3.3442	-592.12E-6	-0.13660	1.9960E-6
	3.00000	6.00000	-3.00000	-0.019324	-3.3442	-796.73E-6	-0.16818	2.4544E-6
	4.00000	6.00000	-3.00000	-0.038033	-3.3442	-0.0010952	-0.21048	3.0673E-6
	5.00000	6.00000	-3.00000	-0.064131	-3.3442	-0.0015443	-0.26854	3.9068E-6
	6.00000	6.00000	-3.00000	-0.10051	-3.3442	-0.0022473	-0.35064	5.0911E-6
	7.00000	6.00000	-3.00000	-0.15141	-3.3442	-0.0034051	-0.47110	6.8229E-6
	8.00000	6.00000	-3.00000	-0.22318	-3.3442	-0.0054492	-0.65633	9.4744E-6
	9.00000	6.00000	-3.00000	-0.32583	-3.3442	-0.0094492	-0.95990	13.791E-6
	10.00000	6.00000	-3.00000	-0.47613	-3.3442	-0.018709	-1.5063	21.468E-6
	11.00000	6.00000	-3.00000	-0.70547	-3.3442	-0.048216	-2.6588	37.219E-6
	12.00000	6.00000	-3.00000	-1.0855	-3.3442	-0.25370	-6.0787	78.722E-6
	13.00000	6.00000	-3.00000	-2.0221	-3.3442	-13.901	-32.336	-138.69E-6
	14.00000	6.00000	-3.00000	-2.9371	-3.3442	-28.195	-59.011	-378.60E-6
	15.00000	6.00000	-3.00000	-3.0767	-3.3442	-23.795	-49.765	-320.09E-6
	16.00000	6.00000	-3.00000	-3.0195	-3.3442	-19.319	-38.308	-290.87E-6
	17.00000	6.00000	-3.00000	-3.0006	-3.3442	-20.437	-39.394	-324.46E-6
	18.00000	6.00000	-3.00000	-2.8369	-3.3442	-21.431	-38.444	-382.69E-6
	19.00000	6.00000	-3.00000	-2.3227	-3.3442	-16.777	-28.781	-319.01E-6
	20.00000	6.00000	-3.00000	-1.5818	-3.3442	-7.2387	-15.153	-97.158E-6
	21.00000	6.00000	-3.00000	-1.0633	-3.3442	-3.1965	-8.2531	-19.784E-6
	22.00000	6.00000	-3.00000	-0.71452	-3.3442	-1.3559	-4.7234	9.7083E-6
	23.00000	6.00000	-3.00000	-0.48423	-3.3442	-0.57253	-2.8409	16.630E-6
	24.00000	6.00000	-3.00000	-0.33079	-3.3442	-0.25364	-1.8000	15.383E-6
	25.00000	6.00000	-3.00000	-0.22631	-3.3442	-0.12071	-1.1973	12.364E-6
	26.00000	6.00000	-3.00000	-0.15368	-3.3442	-0.061771	-0.83080	9.5558E-6
	27.00000	6.00000	-3.00000	-0.10241	-3.3442	-0.033730	-0.59750	7.3474E-6
	28.00000	6.00000	-3.00000	-0.065868	-3.3442	-0.019477	-0.44289	5.6916E-6
	29.00000	6.00000	-3.00000	-0.039682	-3.3442	-0.011797	-0.33681	4.4623E-6
	30.00000	6.00000	-3.00000	-0.020899	-3.3442	-0.0074440	-0.26181	3.5452E-6
	31.00000	6.00000	-3.00000	-0.0074642	-3.3442	-0.0048659	-0.20737	2.8539E-6
	32.00000	6.00000	-3.00000	0.0020748	-3.3442	-0.0032797	-0.16696	2.3261E-6
	33.00000	6.00000	-3.00000	0.0087621	-3.3442	-0.0022706	-0.13636	1.9179E-6
	34.00000	6.00000	-3.00000	0.013356	-3.3442	-0.0016096	-0.11278	1.5982E-6
	35.00000	6.00000	-3.00000	0.016412	-3.3442	-0.0011651	-0.094327	1.3447E-6
	36.00000	6.00000	-3.00000	0.018339	-3.3442	-859.26E-6	-0.079680	1.1414E-6
	37.00000	6.00000	-3.00000	0.019441	-3.3442	-644.36E-6	-0.067910	0.0
	38.00000	6.00000	-3.00000	0.019944	-3.3442	-490.53E-6	-0.058346	0.0
	39.00000	6.00000	-3.00000	0.020014	-3.3442	-378.54E-6	-0.050495	0.0
	40.00000	6.00000	-3.00000	0.019777	-3.3442	-295.75E-6	-0.043991	0.0
	41.00000	6.00000	-3.00000	0.019325	-3.3442	-233.68E-6	-0.038557	0.0
	42.00000	6.00000	-3.00000	0.018729	-3.3442	-186.55E-6	-0.033982	0.0
	43.00000	6.00000	-3.00000	0.018039	-3.3442	-150.35E-6	-0.030104	0.0
	44.00000	6.00000	-3.00000	0.017293	-3.3442	-122.23E-6	-0.026793	0.0
	45.00000	6.00000	-3.00000	0.016519	-3.3442	-100.18E-6	-0.023951	0.0
	-10.00000	7.00000	-3.00000	0.018337	-3.3442	-43.547E-6	-0.023312	0.0
	-9.00000	7.00000	-3.00000	0.019087	-3.3442	-51.574E-6	-0.026052	0.0
	-8.00000	7.00000	-3.00000	0.019757	-3.3442	-61.445E-6	-0.029240	0.0
	-7.00000	7.00000	-3.00000	0.020299	-3.3442	-73.675E-6	-0.032970	0.0
	-6.00000	7.00000	-3.00000	0.020649	-3.3442	-88.951E-6	-0.037364	0.0
	-5.00000	7.00000	-3.00000	0.020721	-3.3442	-108.20E-6	-0.042576	0.0
	-4.00000	7.00000	-3.00000	0.020399	-3.3442	-132.68E-6	-0.048807	0.0
	-3.00000	7.00000	-3.00000	0.019527	-3.3442	-164.15E-6	-0.056317	0.0
	-2.00000	7.00000	-3.00000	0.017897	-3.3442	-205.05E-6	-0.065455	0.0
	-1.00000	7.00000	-3.00000	0.015233	-3.3442	-258.90E-6	-0.076686	1.1238E-6
	0.00000	7.00000	-3.00000	0.011163	-3.3442	-330.79E-6	-0.090648	1.3273E-6
	1.00000	7.00000	-3.00000	0.0051890	-3.3442	-428.28E-6	-0.10823	1.5832E-6
	2.00000	7.00000	-3.00000	-0.0033579	-3.3442	-562.85E-6	-0.13068	1.9095E-6
	3.00000	7.00000	-3.00000	-0.015380	-3.3442	-752.48E-6	-0.15981	2.3325E-6
	4.00000	7.00000	-3.00000	-0.032100	-3.3442	-0.0010261	-0.19834	2.8907E-6
	5.00000	7.00000	-3.00000	-0.055189	-3.3442	-0.0014325	-0.25039	3.6431E-6
	6.00000	7.00000	-3.00000	-0.086952	-3.3442	-0.0020574	-0.32250	4.6829E-6
	7.00000	7.00000	-3.00000	-0.13061	-3.3442	-0.0030616	-0.42548	6.1628E-6
	8.00000	7.00000	-3.00000	-0.19072	-3.3442	-0.0047721	-0.57815	8.3471E-6
	9.00000	7.00000	-3.00000	-0.27389	-3.3442	-0.0079320	-0.81559	11.722E-6
	10.00000	7.00000	-3.00000	-0.38991	-3.3442	-0.014516	-1.2093	17.258E-6
	11.00000	7.00000	-3.00000	-0.55342	-3.3442	-0.031125	-1.9237	27.096E-6
	12.00000	7.00000	-3.00000	-0.78447	-3.3442	-0.087518	-3.3814	46.172E-6
	13.00000	7.00000	-3.00000	-1.0876	-3.3442	-0.30271	-6.3216	80.141E-6
	14.00000	7.00000	-3.00000	-1.3731	-3.3442	-0.69389	-9.5171	110.08E-6
	15.00000	7.00000	-3.00000	-1.5522	-3.3442	-1.4938	-11.588	105.20E-6
	16.00000	7.00000	-3.00000	-1.6286	-3.3442	-2.3068	-12.930	88.966E-6
	17.00000	7.00000	-3.00000	-1.6170	-3.3442	-2.7007	-13.589	81.224E-6
	18.00000	7.00000	-3.00000	-1.5197	-3.3442	-3.0798	-13.305	60.182E-6
	19.00000	7.00000	-3.00000	-1.3227	-3.3442	-3.1809	-11.294	25.927E-6
	20.00000	7.00000	-3.00000	-1.0472	-3.3442	-2.4288	-8.0038	10.622E-6
	21.00000	7.00000	-3.00000	-0.77558	-3.3442	-1.4389	-5.2256	13.454E-6
	22.00000	7.00000	-3.00000	-0.55602	-3.3442	-0.73369	-3.3543	17.072E-6
	23.00000	7.00000	-3.00000	-0.39347	-3.3442	-0.35398	-2.1847	16.622E-6
	24.00000	7.00000	-3.00000	-0.27658	-3.3442	-0.17312	-1.4655	14.007E-6
	25.00000	7.00000	-3.00000	-0.19274	-3.3442	-0.088692	-1.0163	11.106E-6
	26.00000	7.00000	-3.00000	-0.13232	-3.3442	-0.047983	-0.72741	8.6376E-6
	27.00000	7.00000	-3.00000	-0.088551	-3.3442	-0.027348	-0.53559	6.7144E-6
	28.00000	7.00000	-3.00000	-0.056748	-3.3442	-0.016331	-0.40427	5.2596E-6
	29.00000	7.00000	-3.00000	-0.033630	-3.3442	-0.010159	-0.31184	4.1653E-6
	30.00000	7.00000	-3.00000	-0.016865	-3.3442	-0.0065492	-0.24514	3.3383E-6
	31.00000	7.00000	-3.00000	-0.0047778	-3.3442	-0.0043563	-0.19594	2.7073E-6
	32.00000	7.00000	-3.00000	0.0038534	-3.3442	-0.0029786	-0.15893	2.2205E-6
	33.00000	7.00000	-3.00000	0.0099248	-3.3442	-0.0020868	-0.13059	1.8406E-6
	34.00000	7.00000	-3.00000	0.014099	-3.3442	-0.0014940	-0.10856	1.5407E-6
	35.00000	7.00000	-3.00000	0.016869	-3.3442	-0.0010905	-0.091175	1.3013E-6
	36.00000	7.00000	-3.00000	0.018601	-3.3442	-809.93E-6	-0.077293	1.1083E-6
	37.00000	7.00000	-3.00000	0.019571	-3.3442	-611.05E-6	-0.066077	0.0
	38.00000	7.00000	-3.00000	0.019985	-3.3442	-467.59E-6	-0.056920	0.0
	39.00000	7.00000	-3.00000	0.019997	-3.3442	-362.46E-6	-0.049372	0.0
	40.00000	7.00000	-3.00000	0.019723	-3.3442	-284.29E-6	-0.043098	0.0
	41.00000	7.00000	-3.00000	0.019248	-3.3442	-225.40E-6	-0.037839	0.0
	42.00000	7.00000	-3.00000	0.018639	-3.3442	-180.48E-6	-0.033400	0.0
	43.00000	7.00000	-3.00000	0.017943	-3.3442	-145.84E-6	-0.029628	0.0
	44.00000	7.00000	-3.00000	0.017195	-3.3442	-118.84E-6	-0.026401	0.0
	45.00000	7.00000	-3.00000	0.016422	-3.3442	-97.604E-6	-0.023626	0.0
	-10.00000	8.00000	-3.00000	0.018202	-3.3442	-42.528E-6	-0.022910	0.0
	-9.00000	8.00000	-3.00000	0.018957	-3.3442	-50.285E-6	-0.025569	0.0
	-8.00000	8.00000	-3.00000	0.019639	-3.3442	-59.801E-6	-0.028654	0.0
	-7.00000	8.00000	-3.00000	0.020205	-3.3442	-71.560E-6	-0.032255	0.0
	-6.00000	8.00000	-3.00000	0.020596	-3.3442	-86.204E-6	-0.036483	0.0
	-5.00000	8.00000	-3.00000	0.020732	-3.3442	-104.59E-6	-0.041481	0.0
	-4.00000	8.00000	-3.00000	0.020509	-3.3442	-127.90E-6	-0.047431	0.0
	-3.00000	8.00000	-3.00000	0.019786	-3.3442	-157.72E-6	-0.054572	0.0
	-2.00000	8.00000	-3.00000	0.018378	-3.3442	-196.31E-6	-0.063213	0.0
	-1.00000	8.00000	-3.00000	0.016039	-3.3442	-246.82E-6	-0.073769	1.0811E-6
	0.00000	8.00000	-3.00000	0.012446	-3.3442	-313.81E-6	-0.086797	1.2710E-6
	1.00000	8.00000	-3.00000	0.0071679	-3.3442	-403.96E-6	-0.10306	1.5077E-6
	2.00000	8.00000	-3.00000	-360.80E-6	-3.3442	-527.30E-6	-0.12361	1.8066E-6
	3.00000	8.00000	-3.00000	-0.010889	-3.3442	-699.19E-6	-0.14996	2.1850E-6
	4.00000	8.00000	-3.00000	-0.025405	-3.3442	-943.92E-6	-0.18426	2.6859E-6
	5.00000	8.00000	-3.00000	-0.045215	-3.3442	-0.0013012	-0.22973	3.3431E-6
	6.00000	8.00000	-3.00000	-0.072046	-3.3442	-0.0018384	-0.29120	4.2293E-6
	7.00000	8.00000	-3.00000	-0.10817	-3.3442	-0.0026760	-0.37625	5.4512E-6
	8.00000	8.00000	-3.00000	-0.15658	-3.3442	-0.0040418	-0.49705	7.1788E-6
	9.00000	8.00000	-3.00000	-0.22109	-3.3442	-0.0063997	-0.67384	9.6914E-6
	10.00000	8.00000	-3.00000	-0.30638	-3.3442	-0.010777	-0.94117	13.454E-6
	11.00000	8.00000	-3.00000	-0.41722	-3.3442	-0.019635	-1.3570	19.218E-6
	12.00000	8.00000	-3.00000	-0.55520	-3.3442	-0.038864	-2.0021	27.914E-6
	13.00000	8.00000	-3.00000	-0.70978	-3.3442	-0.079365	-2.9029	39.450E-6
	14.00000	8.00000	-3.00000	-0.85151	-3.3442	-0.15509	-3.8908	50.712E-6
	15.00000	8.00000	-3.00000	-0.95101	-3.3442	-0.27747	-4.7561	58.087E-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 [-]	
	16.00000	8.00000	-3.00000	-0.99769	-3.3442	-0.41379	-5.3864	61.364E-6	
	17.00000	8.00000	-3.00000	-0.99186	-3.3442	-0.53722	-5.7041	60.585E-6	
	18.00000	8.00000	-3.00000	-0.93550	-3.3442	-0.66902	-5.6439	53.840E-6	
	19.00000	8.00000	-3.00000	-0.83244	-3.3442	-0.77268	-5.1161	41.422E-6	
	20.00000	8.00000	-3.00000	-0.69554	-3.3442	-0.73338	-4.1851	29.385E-6	
	21.00000	8.00000	-3.00000	-0.54919	-3.3442	-0.54843	-3.1511	22.291E-6	
	22.00000	8.00000	-3.00000	-0.41617	-3.3442	-0.34254	-2.2668	18.344E-6	
	23.00000	8.00000	-3.00000	-0.30702	-3.3442	-0.19471	-1.6092	15.175E-6	
	24.00000	8.00000	-3.00000	-0.22214	-3.3442	-0.10792	-1.1505	12.239E-6	
	25.00000	8.00000	-3.00000	-0.15775	-3.3442	-0.060675	-0.83636	9.6869E-6	
	26.00000	8.00000	-3.00000	-0.10943	-3.3442	-0.035182	-0.62022	7.6193E-6	
	27.00000	8.00000	-3.00000	-0.073382	-3.3442	-0.021137	-0.46921	6.0076E-6	
	28.00000	8.00000	-3.00000	-0.046604	-3.3442	-0.013149	-0.36172	4.7709E-6	
	29.00000	8.00000	-3.00000	-0.026812	-3.3442	-0.0084482	-0.28370	3.8247E-6	
	30.00000	8.00000	-3.00000	-0.012278	-3.3442	-0.0055897	-0.22602	3.0978E-6	
	31.00000	8.00000	-3.00000	-0.0017006	-3.3442	-0.0037975	-0.18262	2.5349E-6	
	32.00000	8.00000	-3.00000	0.0059005	-3.3442	-0.0026421	-0.14944	2.0951E-6	
	33.00000	8.00000	-3.00000	0.011266	-3.3442	-0.0018779	-0.12370	1.7479E-6	
	34.00000	8.00000	-3.00000	0.014956	-3.3442	-0.0013608	-0.10346	1.4713E-6	
	35.00000	8.00000	-3.00000	0.017392	-3.3442	-0.0010035	-0.087351	1.2486E-6	
	36.00000	8.00000	-3.00000	0.018897	-3.3442	-751.84E-6	-0.074378	1.0677E-6	
	37.00000	8.00000	-3.00000	0.019713	-3.3442	-571.47E-6	-0.063825	0.0	
	38.00000	8.00000	-3.00000	0.020023	-3.3442	-440.12E-6	-0.055159	0.0	
	39.00000	8.00000	-3.00000	0.019966	-3.3442	-343.07E-6	-0.047980	0.0	
	40.00000	8.00000	-3.00000	0.019648	-3.3442	-270.40E-6	-0.041986	0.0	
	41.00000	8.00000	-3.00000	0.019146	-3.3442	-215.30E-6	-0.036943	0.0	
	42.00000	8.00000	-3.00000	0.018522	-3.3442	-173.04E-6	-0.032672	0.0	
	43.00000	8.00000	-3.00000	0.017819	-3.3442	-140.29E-6	-0.029030	0.0	
	44.00000	8.00000	-3.00000	0.017070	-3.3442	-114.66E-6	-0.025908	0.0	
	45.00000	8.00000	-3.00000	0.016299	-3.3442	-94.419E-6	-0.023215	0.0	
	-10.00000	9.00000	-3.00000	0.018037	-3.3442	-41.315E-6	-0.022432	0.0	
	-9.00000	9.00000	-3.00000	0.018797	-3.3442	-48.755E-6	-0.024995	0.0	
	-8.00000	9.00000	-3.00000	0.019492	-3.3442	-57.855E-6	-0.027960	0.0	
	-7.00000	9.00000	-3.00000	0.020083	-3.3442	-69.064E-6	-0.031410	0.0	
	-6.00000	9.00000	-3.00000	0.020518	-3.3442	-82.973E-6	-0.035446	0.0	
	-5.00000	9.00000	-3.00000	0.020725	-3.3442	-100.37E-6	-0.040198	0.0	
	-4.00000	9.00000	-3.00000	0.020609	-3.3442	-122.31E-6	-0.045828	0.0	
	-3.00000	9.00000	-3.00000	0.020049	-3.3442	-150.25E-6	-0.052548	0.0	
	-2.00000	9.00000	-3.00000	0.018882	-3.3442	-186.19E-6	-0.060631	0.0	
	-1.00000	9.00000	-3.00000	0.016895	-3.3442	-232.92E-6	-0.070433	1.0324E-6	
	0.00000	9.00000	-3.00000	0.013813	-3.3442	-294.41E-6	-0.082430	1.2072E-6	
	1.00000	9.00000	-3.00000	0.0092754	-3.3442	-376.42E-6	-0.097256	1.4231E-6	
	2.00000	9.00000	-3.00000	0.0028181	-3.3442	-487.41E-6	-0.11578	1.6923E-6	
	3.00000	9.00000	-3.00000	-0.0061585	-3.3442	-640.10E-6	-0.13918	2.0321E-6	
	4.00000	9.00000	-3.00000	-0.018422	-3.3442	-854.09E-6	-0.16914	2.4661E-6	
	5.00000	9.00000	-3.00000	-0.034949	-3.3442	-0.0011604	-0.20801	3.0279E-6	
	6.00000	9.00000	-3.00000	-0.056963	-3.3442	-0.0016095	-0.25919	3.7656E-6	
	7.00000	9.00000	-3.00000	-0.085970	-3.3442	-0.0022867	-0.32764	4.7488E-6	
	8.00000	9.00000	-3.00000	-0.12375	-3.3442	-0.0033413	-0.42062	6.0785E-6	
	9.00000	9.00000	-3.00000	-0.17227	-3.3442	-0.0050452	-0.54877	7.9000E-6	
	10.00000	9.00000	-3.00000	-0.23331	-3.3442	-0.0079086	-0.72700	10.411E-6	
	11.00000	9.00000	-3.00000	-0.30759	-3.3442	-0.012891	-0.97366	13.842E-6	
	12.00000	9.00000	-3.00000	-0.39290	-3.3442	-0.021676	-1.3028	18.324E-6	
	13.00000	9.00000	-3.00000	-0.48174	-3.3442	-0.036747	-1.7045	23.602E-6	
	14.00000	9.00000	-3.00000	-0.56139	-3.3442	-0.060806	-2.1311	28.849E-6	
	15.00000	9.00000	-3.00000	-0.61920	-3.3442	-0.094664	-2.5181	33.074E-6	
	16.00000	9.00000	-3.00000	-0.64777	-3.3442	-0.13502	-2.8097	35.598E-6	
	17.00000	9.00000	-3.00000	-0.64493	-3.3442	-0.17887	-2.9643	35.939E-6	
	18.00000	9.00000	-3.00000	-0.61176	-3.3442	-0.22424	-2.9521	33.744E-6	
	19.00000	9.00000	-3.00000	-0.55224	-3.3442	-0.25844	-2.7563	29.326E-6	
	20.00000	9.00000	-3.00000	-0.47408	-3.3442	-0.25807	-2.4002	24.071E-6	
	21.00000	9.00000	-3.00000	-0.38826	-3.3442	-0.21678	-1.9622	19.420E-6	
	22.00000	9.00000	-3.00000	-0.30549	-3.3442	-0.15670	-1.5336	15.744E-6	
	23.00000	9.00000	-3.00000	-0.23272	-3.3442	-0.10265	-1.1704	12.768E-6	
	24.00000	9.00000	-3.00000	-0.17248	-3.3442	-0.064161	-0.88733	10.287E-6	
	25.00000	9.00000	-3.00000	-0.12442	-3.3442	-0.039670	-0.67547	8.2379E-6	
	26.00000	9.00000	-3.00000	-0.086921	-3.3442	-0.024761	-0.51925	6.5873E-6	
	27.00000	9.00000	-3.00000	-0.058098	-3.3442	-0.015752	-0.40409	5.2826E-6	
	28.00000	9.00000	-3.00000	-0.036192	-3.3442	-0.010250	-0.31859	4.2612E-6	
	29.00000	9.00000	-3.00000	-0.019713	-3.3442	-0.0068263	-0.25442	3.4633E-6	
	30.00000	9.00000	-3.00000	-0.0074494	-3.3442	-0.0046497	-0.20569	2.8385E-6	
	31.00000	9.00000	-3.00000	0.0015635	-3.3442	-0.0032350	-0.16820	2.3464E-6	
	32.00000	9.00000	-3.00000	0.0080826	-3.3442	-0.0022954	-0.13902	1.9562E-6	
	33.00000	9.00000	-3.00000	0.012698	-3.3442	-0.0016586	-0.11604	1.6442E-6	
	34.00000	9.00000	-3.00000	0.015868	-3.3442	-0.0012187	-0.097738	1.3928E-6	
	35.00000	9.00000	-3.00000	0.017945	-3.3442	-909.34E-6	-0.083010	1.1885E-6	
	36.00000	9.00000	-3.00000	0.019203	-3.3442	-688.18E-6	-0.071043	1.0212E-6	
	37.00000	9.00000	-3.00000	0.019849	-3.3442	-527.63E-6	-0.061232	0.0	
	38.00000	9.00000	-3.00000	0.020046	-3.3442	-409.42E-6	-0.053119	0.0	
	39.00000	9.00000	-3.00000	0.019914	-3.3442	-321.23E-6	-0.046360	0.0	
	40.00000	9.00000	-3.00000	0.019548	-3.3442	-254.63E-6	-0.040686	0.0	
	41.00000	9.00000	-3.00000	0.019017	-3.3442	-203.76E-6	-0.035891	0.0	
	42.00000	9.00000	-3.00000	0.018377	-3.3442	-164.50E-6	-0.031813	0.0	
	43.00000	9.00000	-3.00000	0.017667	-3.3442	-133.89E-6	-0.028324	0.0	
	44.00000	9.00000	-3.00000	0.016917	-3.3442	-109.82E-6	-0.025323	0.0	
	45.00000	9.00000	-3.00000	0.016149	-3.3442	-90.712E-6	-0.022728	0.0	
	-10.00000	10.00000	-3.00000	0.017843	-3.3442	-39.935E-6	-0.021887	0.0	
	-9.00000	10.00000	-3.00000	0.018605	-3.3442	-47.018E-6	-0.024342	0.0	
	-8.00000	10.00000	-3.00000	0.019313	-3.3442	-55.653E-6	-0.027173	0.0	
	-7.00000	10.00000	-3.00000	0.019931	-3.3442	-66.249E-6	-0.030455	0.0	
	-6.00000	10.00000	-3.00000	0.020410	-3.3442	-79.342E-6	-0.034279	0.0	
	-5.00000	10.00000	-3.00000	0.020689	-3.3442	-95.642E-6	-0.038760	0.0	
	-4.00000	10.00000	-3.00000	0.020686	-3.3442	-116.10E-6	-0.044042	0.0	
	-3.00000	10.00000	-3.00000	0.020293	-3.3442	-141.99E-6	-0.050307	0.0	
	-2.00000	10.00000	-3.00000	0.019373	-3.3442	-175.06E-6	-0.057791	0.0	
	-1.00000	10.00000	-3.00000	0.017746	-3.3442	-217.73E-6	-0.066794	0.0	
	0.00000	10.00000	-3.00000	0.015182	-3.3442	-273.40E-6	-0.077711	1.1383E-6	
	1.00000	10.00000	-3.00000	0.011389	-3.3442	-346.88E-6	-0.091057	1.3326E-6	
	2.00000	10.00000	-3.00000	0.0059945	-3.3442	-445.12E-6	-0.10752	1.5719E-6	
	3.00000	10.00000	-3.00000	-0.0014652	-3.3442	-578.35E-6	-0.12801	1.8693E-6	
	4.00000	10.00000	-3.00000	-0.011566	-3.3442	-761.85E-6	-0.15375	2.2423E-6	
	5.00000	10.00000	-3.00000	-0.025007	-3.3442	-0.0010190	-0.18643	2.7147E-6	
	6.00000	10.00000	-3.00000	-0.042616	-3.3442	-0.0013860	-0.22830	3.3183E-6	
	7.00000	10.00000	-3.00000	-0.065331	-3.3442	-0.0019210	-0.28244	4.0960E-6	
	8.00000	10.00000	-3.00000	-0.094134	-3.3442	-0.0027179	-0.35293	5.1041E-6	
	9.00000	10.00000	-3.00000	-0.12989	-3.3442	-0.0039312	-0.44497	6.4127E-6	
	10.00000	10.00000	-3.00000	-0.17304	-3.3442	-0.0058147	-0.56452	8.0989E-6	
	11.00000	10.00000	-3.00000	-0.22301	-3.3442	-0.0087711	-0.71679	10.222E-6	
	12.00000	10.00000	-3.00000	-0.27748	-3.3442	-0.013388	-0.90261	12.768E-6	
	13.00000	10.00000	-3.00000	-0.33180	-3.3442	-0.020393	-1.1134	15.577E-6	
	14.00000	10.00000	-3.00000	-0.37958	-3.3442	-0.030427	-1.3293	18.328E-6	
	15.00000	10.00000	-3.00000	-0.41447	-3.3442	-0.043637	-1.5240	20.623E-6	
	16.00000	10.00000	-3.00000	-0.43210	-3.3442	-0.059445	-1.6716	22.107E-6	
	17.00000	10.00000	-3.00000	-0.43068	-3.3442	-0.076795	-1.7514	22.518E-6	
	18.00000	10.00000	-3.00000	-0.41069	-3.3442	-0.093629	-1.7494	21.740E-6	
	19.00000	10.00000	-3.00000	-0.37475	-3.3442	-0.10543	-1.6611	19.908E-6	
	20.00000	10.00000	-3.00000	-0.32734	-3.3442	-0.10643	-1.4972	17.437E-6	
	21.00000	10.00000	-3.00000	-0.27424	-3.3442	-0.094795	-1.2861	14.829E-6	
	22.00000	10.00000	-3.00000	-0.22113	-3.3442	-0.075224	-1.0633	12.400E-6	
	23.00000	10.00000	-3.00000	-0.17223	-3.3442	-0.054739	-0.85725	10.260E-6	
	24.00000	10.00000	-3.00000	-0.12983	-3.3442	-0.037779	-0.68226	8.4224E-6	
	25.00000	10.00000	-3.00000	-0.094578	-3.3442	-0.025432	-0.54104	6.8801E-6	
	26.00000	10.00000	-3.00000	-0.066111	-3.3442	-0.017023	-0.43013	5.6116E-6	
	27.00000	10.00000	-3.00000	-0.043613	-3.3442	-0.011459	-0.34404	4.5844E-6	
	28.00000	10.00000	-3.00000	-0.026131	-3.3442	-0.0078048	-0.27740	3.7600E-6	
	29.00000	10.00000	-3.00000	-0.012751	-3.3442	-0.0053950	-0.22565	3.1009E-6	
	30.00000	10.00000	-3.00000	-0.0026601	-3.3442	-0.0037888	-0.18522	2.5738E-6	
	31.00000	10.00000	-3.00000	0.0048269	-3.3442	-0.0027036	-0.15340	2.1509E-6	
	32.00000	10.00000	-3.00000	0.010274	-3.3442	-0.0019594	-0.12815	1.8101E-6	
	33.00000	10.00000	-3.00000	0.014137	-3.3442	-0.0014413	-0.10793	1.5338E-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 [-]
	34.00000	10.00000	-3.00000	0.016780	-3.3442	-0.0010752	-0.091606	1.3084E-6
	35.00000	10.00000	-3.00000	0.018490	-3.3442	-812.73E-6	-0.078313	1.1233E-6
	36.00000	10.00000	-3.00000	0.019493	-3.3442	-621.95E-6	-0.067402	0.0
	37.00000	10.00000	-3.00000	0.019965	-3.3442	-481.47E-6	-0.058378	0.0
	38.00000	10.00000	-3.00000	0.020044	-3.3442	-376.75E-6	-0.050860	0.0
	39.00000	10.00000	-3.00000	0.019834	-3.3442	-297.77E-6	-0.044554	0.0
	40.00000	10.00000	-3.00000	0.019419	-3.3442	-237.56E-6	-0.039230	0.0
	41.00000	10.00000	-3.00000	0.018859	-3.3442	-191.19E-6	-0.034707	0.0
	42.00000	10.00000	-3.00000	0.018203	-3.3442	-155.13E-6	-0.030842	0.0
	43.00000	10.00000	-3.00000	0.017487	-3.3442	-126.83E-6	-0.027523	0.0
	44.00000	10.00000	-3.00000	0.016737	-3.3442	-104.44E-6	-0.024657	0.0
	45.00000	10.00000	-3.00000	0.015974	-3.3442	-86.581E-6	-0.022171	0.0
	-10.00000	11.00000	-3.00000	0.017619	-3.3442	-38.415E-6	-0.021282	0.0
	-9.00000	11.00000	-3.00000	0.018383	-3.3442	-45.111E-6	-0.023621	0.0
	-8.00000	11.00000	-3.00000	0.019102	-3.3442	-53.244E-6	-0.026308	0.0
	-7.00000	11.00000	-3.00000	0.019744	-3.3442	-63.181E-6	-0.029410	0.0
	-6.00000	11.00000	-3.00000	0.020267	-3.3442	-75.403E-6	-0.033008	0.0
	-5.00000	11.00000	-3.00000	0.020617	-3.3442	-90.539E-6	-0.037202	0.0
	-4.00000	11.00000	-3.00000	0.020724	-3.3442	-109.42E-6	-0.042116	0.0
	-3.00000	11.00000	-3.00000	0.020497	-3.3442	-133.16E-6	-0.047908	0.0
	-2.00000	11.00000	-3.00000	0.019819	-3.3442	-163.27E-6	-0.054774	0.0
	-1.00000	11.00000	-3.00000	0.018543	-3.3442	-201.79E-6	-0.062964	0.0
	0.00000	11.00000	-3.00000	0.016482	-3.3442	-251.55E-6	-0.072796	1.0665E-6
	1.00000	11.00000	-3.00000	0.013402	-3.3442	-316.49E-6	-0.084679	1.2395E-6
	2.00000	11.00000	-3.00000	0.0090142	-3.3442	-402.19E-6	-0.099139	1.4498E-6
	3.00000	11.00000	-3.00000	0.0029688	-3.3442	-516.64E-6	-0.11686	1.7070E-6
	4.00000	11.00000	-3.00000	-0.0051526	-3.3442	-671.42E-6	-0.13871	2.0237E-6
	5.00000	11.00000	-3.00000	-0.015834	-3.3442	-883.58E-6	-0.16584	2.4159E-6
	6.00000	11.00000	-3.00000	-0.029612	-3.3442	-0.0011785	-0.19969	2.9039E-6
	7.00000	11.00000	-3.00000	-0.047038	-3.3442	-0.0015943	-0.24209	3.5130E-6
	8.00000	11.00000	-3.00000	-0.068605	-3.3442	-0.0021886	-0.29519	4.2728E-6
	9.00000	11.00000	-3.00000	-0.094614	-3.3442	-0.0030483	-0.36139	5.2147E-6
	10.00000	11.00000	-3.00000	-0.12496	-3.3442	-0.0043009	-0.44285	6.3650E-6
	11.00000	11.00000	-3.00000	-0.15882	-3.3442	-0.0061251	-0.54056	7.7305E-6
	12.00000	11.00000	-3.00000	-0.19442	-3.3442	-0.0087476	-0.65289	9.2769E-6
	13.00000	11.00000	-3.00000	-0.22891	-3.3442	-0.012410	-0.77416	10.910E-6
	14.00000	11.00000	-3.00000	-0.25873	-3.3442	-0.017291	-0.89446	12.474E-6
	15.00000	11.00000	-3.00000	-0.28045	-3.3442	-0.023396	-1.0012	13.783E-6
	16.00000	11.00000	-3.00000	-0.29154	-3.3442	-0.030477	-1.0817	14.661E-6
	17.00000	11.00000	-3.00000	-0.29080	-3.3442	-0.037961	-1.1255	14.976E-6
	18.00000	11.00000	-3.00000	-0.27847	-3.3442	-0.044789	-1.1256	14.675E-6
	19.00000	11.00000	-3.00000	-0.25611	-3.3442	-0.049310	-1.0807	13.808E-6
	20.00000	11.00000	-3.00000	-0.22632	-3.3442	-0.049843	-0.99597	12.531E-6
	21.00000	11.00000	-3.00000	-0.19238	-3.3442	-0.045878	-0.88376	11.046E-6
	22.00000	11.00000	-3.00000	-0.15751	-3.3442	-0.038647	-0.75967	9.5298E-6
	23.00000	11.00000	-3.00000	-0.12435	-3.3442	-0.030287	-0.63784	8.0975E-6
	24.00000	11.00000	-3.00000	-0.094581	-3.3442	-0.022560	-0.52759	6.8086E-6
	25.00000	11.00000	-3.00000	-0.069003	-3.3442	-0.016298	-0.43307	5.6874E-6
	26.00000	11.00000	-3.00000	-0.047741	-3.3442	-0.011602	-0.35471	4.7359E-6
	27.00000	11.00000	-3.00000	-0.030519	-3.3442	-0.0082280	-0.29100	3.9426E-6
	28.00000	11.00000	-3.00000	-0.016864	-3.3442	-0.0058548	-0.23970	3.2885E-6
	29.00000	11.00000	-3.00000	-0.0062428	-3.3442	-0.0041977	-0.19852	2.7525E-6
	30.00000	11.00000	-3.00000	0.0018658	-3.3442	-0.0030397	-0.16545	2.3144E-6
	31.00000	11.00000	-3.00000	0.0079333	-3.3442	-0.0022257	-0.13881	1.9561E-6
	32.00000	11.00000	-3.00000	0.012367	-3.3442	-0.0016487	-0.11723	1.6623E-6
	33.00000	11.00000	-3.00000	0.015509	-3.3442	-0.0012356	-0.099667	1.4206E-6
	34.00000	11.00000	-3.00000	0.017642	-3.3442	-936.55E-6	-0.085276	1.2208E-6
	35.00000	11.00000	-3.00000	0.018993	-3.3442	-717.72E-6	-0.073411	1.0549E-6
	36.00000	11.00000	-3.00000	0.019745	-3.3442	-555.83E-6	-0.063566	0.0
	37.00000	11.00000	-3.00000	0.020046	-3.3442	-434.77E-6	-0.055346	0.0
	38.00000	11.00000	-3.00000	0.020008	-3.3442	-343.30E-6	-0.048442	0.0
	39.00000	11.00000	-3.00000	0.019722	-3.3442	-273.51E-6	-0.042608	0.0
	40.00000	11.00000	-3.00000	0.019258	-3.3442	-219.74E-6	-0.037651	0.0
	41.00000	11.00000	-3.00000	0.018670	-3.3442	-177.95E-6	-0.033417	0.0
	42.00000	11.00000	-3.00000	0.018000	-3.3442	-145.19E-6	-0.029781	0.0
	43.00000	11.00000	-3.00000	0.017279	-3.3442	-119.30E-6	-0.026643	0.0
	44.00000	11.00000	-3.00000	0.016531	-3.3442	-98.673E-6	-0.023924	0.0
	45.00000	11.00000	-3.00000	0.015774	-3.3442	-82.127E-6	-0.021556	0.0
	-10.00000	12.00000	-3.00000	0.017366	-3.3442	-36.782E-6	-0.020629	0.0
	-9.00000	12.00000	-3.00000	0.018130	-3.3442	-43.071E-6	-0.022844	0.0
	-8.00000	12.00000	-3.00000	0.018858	-3.3442	-50.677E-6	-0.025380	0.0
	-7.00000	12.00000	-3.00000	0.019521	-3.3442	-59.927E-6	-0.028294	0.0
	-6.00000	12.00000	-3.00000	0.020084	-3.3442	-71.245E-6	-0.031657	0.0
	-5.00000	12.00000	-3.00000	0.020501	-3.3442	-85.182E-6	-0.035556	0.0
	-4.00000	12.00000	-3.00000	0.020712	-3.3442	-102.46E-6	-0.040096	0.0
	-3.00000	12.00000	-3.00000	0.020642	-3.3442	-124.03E-6	-0.045409	0.0
	-2.00000	12.00000	-3.00000	0.020194	-3.3442	-151.16E-6	-0.051658	0.0
	-1.00000	12.00000	-3.00000	0.019248	-3.3442	-185.55E-6	-0.059045	0.0
	0.00000	12.00000	-3.00000	0.017654	-3.3442	-229.53E-6	-0.067822	0.0
	1.00000	12.00000	-3.00000	0.015232	-3.3442	-286.25E-6	-0.078305	1.1465E-6
	2.00000	12.00000	-3.00000	0.011761	-3.3442	-360.07E-6	-0.090887	1.3295E-6
	3.00000	12.00000	-3.00000	0.0069839	-3.3442	-457.10E-6	-0.10606	1.5499E-6
	4.00000	12.00000	-3.00000	603.88E-6	-3.3442	-585.91E-6	-0.12444	1.8162E-6
	5.00000	12.00000	-3.00000	-0.0077035	-3.3442	-758.61E-6	-0.14677	2.1391E-6
	6.00000	12.00000	-3.00000	-0.018273	-3.3442	-992.47E-6	-0.17394	2.5310E-6
	7.00000	12.00000	-3.00000	-0.031411	-3.3442	-0.0013121	-0.20698	3.0059E-6
	8.00000	12.00000	-3.00000	-0.047335	-3.3442	-0.0017522	-0.24699	3.5786E-6
	9.00000	12.00000	-3.00000	-0.066079	-3.3442	-0.0023612	-0.29495	4.2617E-6
	10.00000	12.00000	-3.00000	-0.087366	-3.3442	-0.0032040	-0.35148	5.0610E-6
	11.00000	12.00000	-3.00000	-0.11047	-3.3442	-0.0043622	-0.41628	5.9689E-6
	12.00000	12.00000	-3.00000	-0.13412	-3.3442	-0.0059276	-0.48760	6.9552E-6
	13.00000	12.00000	-3.00000	-0.15655	-3.3442	-0.0079843	-0.56180	7.9623E-6
	14.00000	12.00000	-3.00000	-0.17568	-3.3442	-0.010577	-0.63341	8.9073E-6
	15.00000	12.00000	-3.00000	-0.18953	-3.3442	-0.013671	-0.69583	9.6940E-6
	16.00000	12.00000	-3.00000	-0.19664	-3.3442	-0.017111	-0.74245	10.231E-6
	17.00000	12.00000	-3.00000	-0.19625	-3.3442	-0.020587	-0.76774	10.451E-6
	18.00000	12.00000	-3.00000	-0.18849	-3.3442	-0.023601	-0.76824	10.325E-6
	19.00000	12.00000	-3.00000	-0.17426	-3.3442	-0.025514	-0.74339	9.8720E-6
	20.00000	12.00000	-3.00000	-0.15511	-3.3442	-0.025768	-0.69595	9.1585E-6
	21.00000	12.00000	-3.00000	-0.13295	-3.3442	-0.024207	-0.63178	8.2779E-6
	22.00000	12.00000	-3.00000	-0.10971	-3.3442	-0.021216	-0.55848	7.3255E-6
	23.00000	12.00000	-3.00000	-0.087059	-3.3442	-0.017521	-0.48339	6.3780E-6
	24.00000	12.00000	-3.00000	-0.066179	-3.3442	-0.013822	-0.41214	5.4874E-6
	25.00000	12.00000	-3.00000	-0.047765	-3.3442	-0.010566	-0.34806	4.6835E-6
	26.00000	12.00000	-3.00000	-0.032087	-3.3442	-0.0079230	-0.29251	3.9784E-6
	27.00000	12.00000	-3.00000	-0.019119	-3.3442	-0.0058944	-0.24547	3.3726E-6
	28.00000	12.00000	-3.00000	-0.0086553	-3.3442	-0.0043584	-0.20622	2.8593E-6
	29.00000	12.00000	-3.00000	-400.09E-6	-3.3442	-0.0032345	-0.17373	2.4283E-6
	30.00000	12.00000	-3.00000	0.0059688	-3.3442	-0.0024125	-0.14693	2.0681E-6
	31.00000	12.00000	-3.00000	0.010766	-3.3442	-0.0018119	-0.12484	1.7677E-6
	32.00000	12.00000	-3.00000	0.014277	-3.3442	-0.0013718	-0.10660	1.5172E-6
	33.00000	12.00000	-3.00000	0.016755	-3.3442	-0.0010476	-0.091491	1.3079E-6
	34.00000	12.00000	-3.00000	0.018411	-3.3442	-807.14E-6	-0.078929	1.1326E-6
	35.00000	12.00000	-3.00000	0.019425	-3.3442	-627.39E-6	-0.068437	0.0
	36.00000	12.00000	-3.00000	0.019941	-3.3442	-491.93E-6	-0.059634	0.0
	37.00000	12.00000	-3.00000	0.020078	-3.3442	-388.99E-6	-0.052211	0.0
	38.00000	12.00000	-3.00000	0.019930	-3.3442	-310.11E-6	-0.045921	0.0
	39.00000	12.00000	-3.00000	0.019572	-3.3442	-249.16E-6	-0.040566	0.0
	40.00000	12.00000	-3.00000	0.019063	-3.3442	-201.69E-6	-0.035985	0.0
	41.00000	12.00000	-3.00000	0.018449	-3.3442	-164.43E-6	-0.032047	0.0
	42.00000	12.00000	-3.00000	0.017767	-3.3442	-134.96E-6	-0.028648	0.0
	43.00000	12.00000	-3.00000	0.017043	-3.3442	-111.48E-6	-0.025700	0.0
	44.00000	12.00000	-3.00000	0.016298	-3.3442	-92.652E-6	-0.023134	0.0
	45.00000	12.00000	-3.00000	0.015549	-3.3442	-77.450E-6	-0.020891	0.0
	-10.00000	13.00000	-3.00000	0.017086	-3.3442	-35.065E-6	-0.019937	0.0
	-9.00000	13.00000	-3.00000	0.017847	-3.3442	-40.934E-6	-0.022025	0.0
	-8.00000	13.00000	-3.00000	0.018580	-3.3442	-48.000E-6	-0.024405	0.0
	-7.00000	13.00000	-3.00000	0.019260	-3.3442	-56.550E-6	-0.027127	0.0
	-6.00000	13.00000	-3.00000	0.019859	-3.3442	-66.955E-6	-0.030252	0.0
	-5.00000	13.00000	-3.00000	0.020336	-3.3442	-79.689E-6	-0.033854	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 [-]
	-4.00000	13.00000	-3.00000	0.020642	-3.3442	-95.367E-6	-0.038021	0.0
	-3.00000	13.00000	-3.00000	0.020715	-3.3442	-114.79E-6	-0.042863	0.0
	-2.00000	13.00000	-3.00000	0.020476	-3.3442	-139.02E-6	-0.048510	0.0
	-1.00000	13.00000	-3.00000	0.019829	-3.3442	-169.44E-6	-0.055124	0.0
	0.00000	13.00000	-3.00000	0.018658	-3.3442	-207.92E-6	-0.062901	0.0
	1.00000	13.00000	-3.00000	0.016823	-3.3442	-256.94E-6	-0.072079	1.0556E-6
	2.00000	13.00000	-3.00000	0.014160	-3.3442	-319.86E-6	-0.082946	1.2137E-6
	3.00000	13.00000	-3.00000	0.010482	-3.3442	-401.23E-6	-0.095851	1.4012E-6
	4.00000	13.00000	-3.00000	0.0055860	-3.3442	-507.25E-6	-0.11120	1.6237E-6
	5.00000	13.00000	-3.00000	-741.75E-6	-3.3442	-646.39E-6	-0.12948	1.8881E-6
	6.00000	13.00000	-3.00000	-0.0087022	-3.3442	-830.15E-6	-0.15121	2.2017E-6
	7.00000	13.00000	-3.00000	-0.018455	-3.3442	-0.0010741	-0.17695	2.5718E-6
	8.00000	13.00000	-3.00000	-0.030072	-3.3442	-0.0013989	-0.20719	3.0051E-6
	9.00000	13.00000	-3.00000	-0.043479	-3.3442	-0.0018315	-0.24229	3.5055E-6
	10.00000	13.00000	-3.00000	-0.058385	-3.3442	-0.0024048	-0.28223	4.0713E-6
	11.00000	13.00000	-3.00000	-0.074220	-3.3442	-0.0031564	-0.32641	4.6921E-6
	12.00000	13.00000	-3.00000	-0.090112	-3.3442	-0.0041238	-0.37344	5.3453E-6
	13.00000	13.00000	-3.00000	-0.10493	-3.3442	-0.0053342	-0.42095	5.9948E-6
	14.00000	13.00000	-3.00000	-0.11743	-3.3442	-0.0067908	-0.46574	6.5932E-6
	15.00000	13.00000	-3.00000	-0.12644	-3.3442	-0.0084554	-0.50412	7.0876E-6
	16.00000	13.00000	-3.00000	-0.13107	-3.3442	-0.010232	-0.53248	7.4284E-6
	17.00000	13.00000	-3.00000	-0.13087	-3.3442	-0.011954	-0.54780	7.5788E-6
	18.00000	13.00000	-3.00000	-0.12591	-3.3442	-0.013387	-0.54827	7.5221E-6
	19.00000	13.00000	-3.00000	-0.11671	-3.3442	-0.014270	-0.53364	7.2664E-6
	20.00000	13.00000	-3.00000	-0.10420	-3.3442	-0.014395	-0.50540	6.8427E-6
	21.00000	13.00000	-3.00000	-0.089526	-3.3442	-0.013709	-0.46658	6.2985E-6
	22.00000	13.00000	-3.00000	-0.073888	-3.3442	-0.012349	-0.42112	5.6859E-6
	23.00000	13.00000	-3.00000	-0.058345	-3.3442	-0.010590	-0.37307	5.0526E-6
	24.00000	13.00000	-3.00000	-0.043720	-3.3442	-0.0087243	-0.32579	4.4355E-6
	25.00000	13.00000	-3.00000	-0.030553	-3.3442	-0.0069733	-0.28163	3.8595E-6
	26.00000	13.00000	-3.00000	-0.019122	-3.3442	-0.0054589	-0.24190	3.3386E-6
	27.00000	13.00000	-3.00000	-0.0095019	-3.3442	-0.0042185	-0.20708	2.8782E-6
	28.00000	13.00000	-3.00000	-0.0016244	-3.3442	-0.0032381	-0.17709	2.4778E-6
	29.00000	13.00000	-3.00000	0.0046624	-3.3442	-0.0024803	-0.15156	2.1336E-6
	30.00000	13.00000	-3.00000	0.0095513	-3.3442	-0.0019021	-0.12998	1.8397E-6
	31.00000	13.00000	-3.00000	0.013247	-3.3442	-0.0014637	-0.11179	1.5900E-6
	32.00000	13.00000	-3.00000	0.015947	-3.3442	-0.0011320	-0.09684	1.3781E-6
	33.00000	13.00000	-3.00000	0.017831	-3.3442	-880.69E-6	-0.083590	1.1984E-6
	34.00000	13.00000	-3.00000	0.019059	-3.3442	-689.68E-6	-0.072710	1.0458E-6
	35.00000	13.00000	-3.00000	0.019766	-3.3442	-543.82E-6	-0.063506	0.0
	36.00000	13.00000	-3.00000	0.020066	-3.3442	-431.82E-6	-0.055693	0.0
	37.00000	13.00000	-3.00000	0.020053	-3.3442	-345.29E-6	-0.049039	0.0
	38.00000	13.00000	-3.00000	0.019804	-3.3442	-278.00E-6	-0.043350	0.0
	39.00000	13.00000	-3.00000	0.019380	-3.3442	-225.33E-6	-0.038468	0.0
	40.00000	13.00000	-3.00000	0.018831	-3.3442	-183.83E-6	-0.034261	0.0
	41.00000	13.00000	-3.00000	0.018196	-3.3442	-150.92E-6	-0.030622	0.0
	42.00000	13.00000	-3.00000	0.017504	-3.3442	-124.65E-6	-0.027463	0.0
	43.00000	13.00000	-3.00000	0.016780	-3.3442	-103.55E-6	-0.024709	0.0
	44.00000	13.00000	-3.00000	0.016041	-3.3442	-86.504E-6	-0.022301	0.0
	45.00000	13.00000	-3.00000	0.015302	-3.3442	-72.645E-6	-0.020187	0.0
	-10.00000	14.00000	-3.00000	0.016779	-3.3442	-33.291E-6	-0.019215	0.0
	-9.00000	14.00000	-3.00000	0.017534	-3.3442	-38.736E-6	-0.021174	0.0
	-8.00000	14.00000	-3.00000	0.018269	-3.3442	-45.259E-6	-0.023397	0.0
	-7.00000	14.00000	-3.00000	0.018963	-3.3442	-53.112E-6	-0.025927	0.0
	-6.00000	14.00000	-3.00000	0.019591	-3.3442	-62.612E-6	-0.028815	0.0
	-5.00000	14.00000	-3.00000	0.020120	-3.3442	-74.163E-6	-0.032124	0.0
	-4.00000	14.00000	-3.00000	0.020509	-3.3442	-88.285E-6	-0.035928	0.0
	-3.00000	14.00000	-3.00000	0.020708	-3.3442	-105.64E-6	-0.040314	0.0
	-2.00000	14.00000	-3.00000	0.020653	-3.3442	-127.10E-6	-0.045387	0.0
	-1.00000	14.00000	-3.00000	0.020270	-3.3442	-153.79E-6	-0.051273	0.0
	0.00000	14.00000	-3.00000	0.019468	-3.3442	-187.16E-6	-0.058121	0.0
	1.00000	14.00000	-3.00000	0.018141	-3.3442	-229.15E-6	-0.066108	0.0
	2.00000	14.00000	-3.00000	0.016169	-3.3442	-282.30E-6	-0.075441	1.1043E-6
	3.00000	14.00000	-3.00000	0.013420	-3.3442	-349.93E-6	-0.086359	1.2629E-6
	4.00000	14.00000	-3.00000	0.0097544	-3.3442	-436.48E-6	-0.099129	1.4481E-6
	5.00000	14.00000	-3.00000	0.0050362	-3.3442	-547.72E-6	-0.11405	1.6640E-6
	6.00000	14.00000	-3.00000	-851.42E-6	-3.3442	-691.21E-6	-0.13141	1.9147E-6
	7.00000	14.00000	-3.00000	-0.0079834	-3.3442	-876.66E-6	-0.15149	2.2037E-6
	8.00000	14.00000	-3.00000	-0.016362	-3.3442	-0.0011163	-0.17449	2.5336E-6
	9.00000	14.00000	-3.00000	-0.025882	-3.3442	-0.0014247	-0.20045	2.9042E-6
	10.00000	14.00000	-3.00000	-0.036291	-3.3442	-0.0018187	-0.22915	3.3116E-6
	11.00000	14.00000	-3.00000	-0.047167	-3.3442	-0.0023154	-0.26001	3.7464E-6
	12.00000	14.00000	-3.00000	-0.057918	-3.3442	-0.0029291	-0.29198	4.1924E-6
	13.00000	14.00000	-3.00000	-0.067818	-3.3442	-0.0036662	-0.32350	4.6264E-6
	14.00000	14.00000	-3.00000	-0.076093	-3.3442	-0.0045187	-0.35264	5.0199E-6
	15.00000	14.00000	-3.00000	-0.082029	-3.3442	-0.0054563	-0.37724	5.3424E-6
	16.00000	14.00000	-3.00000	-0.085089	-3.3442	-0.0064207	-0.39522	5.5657E-6
	17.00000	14.00000	-3.00000	-0.084997	-3.3442	-0.0073231	-0.40489	5.6689E-6
	18.00000	14.00000	-3.00000	-0.081781	-3.3442	-0.0080512	-0.40527	5.6420E-6
	19.00000	14.00000	-3.00000	-0.075763	-3.3442	-0.0084898	-0.39622	5.4886E-6
	20.00000	14.00000	-3.00000	-0.067503	-3.3442	-0.0085546	-0.37857	5.2245E-6
	21.00000	14.00000	-3.00000	-0.057708	-3.3442	-0.0082253	-0.35399	4.8752E-6
	22.00000	14.00000	-3.00000	-0.047125	-3.3442	-0.0075576	-0.32465	4.4705E-6
	23.00000	14.00000	-3.00000	-0.036444	-3.3442	-0.0066638	-0.29286	4.0396E-6
	24.00000	14.00000	-3.00000	-0.026230	-3.3442	-0.0056736	-0.26068	3.6072E-6
	25.00000	14.00000	-3.00000	-0.016882	-3.3442	-0.0046976	-0.22971	3.1920E-6
	26.00000	14.00000	-3.00000	-0.0086396	-3.3442	-0.0038094	-0.20098	2.8061E-6
	27.00000	14.00000	-3.00000	-0.0016064	-3.3442	-0.0030447	-0.17505	2.4562E-6
	28.00000	14.00000	-3.00000	0.0042190	-3.3442	-0.0024113	-0.15209	2.1445E-6
	29.00000	14.00000	-3.00000	0.0089073	-3.3442	-0.0019002	-0.13205	1.8705E-6
	30.00000	14.00000	-3.00000	0.012570	-3.3442	-0.0014949	-0.11472	1.6319E-6
	31.00000	14.00000	-3.00000	0.015337	-3.3442	-0.0011769	-0.099811	1.4253E-6
	32.00000	14.00000	-3.00000	0.017342	-3.3442	-928.83E-6	-0.087032	1.2472E-6
	33.00000	14.00000	-3.00000	0.018712	-3.3442	-735.74E-6	-0.076094	1.0938E-6
	34.00000	14.00000	-3.00000	0.019564	-3.3442	-585.43E-6	-0.066730	0.0
	35.00000	14.00000	-3.00000	0.020001	-3.3442	-468.21E-6	-0.058705	0.0
	36.00000	14.00000	-3.00000	0.020109	-3.3442	-376.49E-6	-0.051816	0.0
	37.00000	14.00000	-3.00000	0.019964	-3.3442	-304.45E-6	-0.045889	0.0
	38.00000	14.00000	-3.00000	0.019626	-3.3442	-247.59E-6	-0.040775	0.0
	39.00000	14.00000	-3.00000	0.019145	-3.3442	-202.49E-6	-0.036349	0.0
	40.00000	14.00000	-3.00000	0.018562	-3.3442	-166.53E-6	-0.032509	0.0
	41.00000	14.00000	-3.00000	0.017909	-3.3442	-137.71E-6	-0.029165	0.0
	42.00000	14.00000	-3.00000	0.017212	-3.3442	-114.49E-6	-0.026244	0.0
	43.00000	14.00000	-3.00000	0.016491	-3.3442	-95.670E-6	-0.023685	0.0
	44.00000	14.00000	-3.00000	0.015761	-3.3442	-80.345E-6	-0.021436	0.0
	45.00000	14.00000	-3.00000	0.015033	-3.3442	-67.799E-6	-0.019453	0.0
	-10.00000	15.00000	-3.00000	0.016447	-3.3442	-31.485E-6	-0.018473	0.0
	-9.00000	15.00000	-3.00000	0.017194	-3.3442	-36.509E-6	-0.020303	0.0
	-8.00000	15.00000	-3.00000	0.017927	-3.3442	-42.497E-6	-0.022369	0.0
	-7.00000	15.00000	-3.00000	0.018629	-3.3442	-49.665E-6	-0.024710	0.0
	-6.00000	15.00000	-3.00000	0.019279	-3.3442	-58.285E-6	-0.027367	0.0
	-5.00000	15.00000	-3.00000	0.019850	-3.3442	-68.697E-6	-0.030393	0.0
	-4.00000	15.00000	-3.00000	0.020309	-3.3442	-81.331E-6	-0.033847	0.0
	-3.00000	15.00000	-3.00000	0.020616	-3.3442	-96.736E-6	-0.037799	0.0
	-2.00000	15.00000	-3.00000	0.020719	-3.3442	-115.61E-6	-0.042334	0.0
	-1.00000	15.00000	-3.00000	0.020561	-3.3442	-138.84E-6	-0.047545	0.0
	0.00000	15.00000	-3.00000	0.020073	-3.3442	-167.58E-6	-0.053547	0.0
	1.00000	15.00000	-3.00000	0.019175	-3.3442	-203.28E-6	-0.060466	0.0
	2.00000	15.00000	-3.00000	0.017780	-3.3442	-247.84E-6	-0.068448	1.0023E-6
	3.00000	15.00000	-3.00000	0.015795	-3.3442	-303.67E-6	-0.077652	1.1361E-6
	4.00000	15.00000	-3.00000	0.013127	-3.3442	-373.86E-6	-0.088250	1.2899E-6
	5.00000	15.00000	-3.00000	0.0096904	-3.3442	-462.32E-6	-0.10041	1.4660E-6
	6.00000	15.00000	-3.00000	0.0054198	-3.3442	-573.92E-6	-0.11430	1.6666E-6
	7.00000	15.00000	-3.00000	286.15E-6	-3.3442	-714.66E-6	-0.13003	1.8932E-6
	8.00000	15.00000	-3.00000	-0.0056840	-3.3442	-891.59E-6	-0.14764	2.1460E-6
	9.00000	15.00000	-3.00000	-0.012387	-3.3442	-0.0011127	-0.16705	2.4237E-6
	10.00000	15.00000	-3.00000	-0.019624	-3.3442	-0.0013862	-0.18801	2.7218E-6
	11.00000	15.00000	-3.00000	-0.027091	-3.3442	-0.0017196	-0.21002	3.0327E-6
	12.00000	15.00000	-3.00000	-0.034386	-3.3442	-0.0021174	-0.23231	3.3451E-6
	13.00000	15.00000	-3.00000	-0.041040	-3.3442	-0.0025789	-0.25386	3.6436E-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 [-]
	14.00000	15.00000	-3.00000	-0.046563	-3.3442	-0.0030946	-0.27344	3.9107E-6
	15.00000	15.00000	-3.00000	-0.050512	-3.3442	-0.0036432	-0.28976	4.1278E-6
	16.00000	15.00000	-3.00000	-0.052555	-3.3442	-0.0041900	-0.30157	4.2784E-6
	17.00000	15.00000	-3.00000	-0.052521	-3.3442	-0.0046870	-0.30790	4.3501E-6
	18.00000	15.00000	-3.00000	-0.050424	-3.3442	-0.0050781	-0.30818	4.3368E-6
	19.00000	15.00000	-3.00000	-0.046460	-3.3442	-0.0053100	-0.30235	4.2401E-6
	20.00000	15.00000	-3.00000	-0.040973	-3.3442	-0.0053455	-0.29088	4.0688E-6
	21.00000	15.00000	-3.00000	-0.034404	-3.3442	-0.0051761	-0.27472	3.8370E-6
	22.00000	15.00000	-3.00000	-0.027229	-3.3442	-0.0048261	-0.25513	3.5626E-6
	23.00000	15.00000	-3.00000	-0.019900	-3.3442	-0.0043457	-0.23348	3.2635E-6
	24.00000	15.00000	-3.00000	-0.012801	-3.3442	-0.0037955	-0.21107	2.9562E-6
	25.00000	15.00000	-3.00000	-0.0062203	-3.3442	-0.0032320	-0.18896	2.6539E-6
	26.00000	15.00000	-3.00000	-349.28E-6	-3.3442	-0.0026976	-0.16793	2.3662E-6
	27.00000	15.00000	-3.00000	0.0047123	-3.3442	-0.0022182	-0.14846	2.0993E-6
	28.00000	15.00000	-3.00000	0.0089378	-3.3442	-0.0018049	-0.13082	1.8565E-6
	29.00000	15.00000	-3.00000	0.012354	-3.3442	-0.0014587	-0.11506	1.6386E-6
	30.00000	15.00000	-3.00000	0.015022	-3.3442	-0.0011744	-0.10115	1.4453E-6
	31.00000	15.00000	-3.00000	0.017024	-3.3442	-944.27E-6	-0.088959	1.2750E-6
	32.00000	15.00000	-3.00000	0.018449	-3.3442	-759.53E-6	-0.078327	1.1258E-6
	33.00000	15.00000	-3.00000	0.019385	-3.3442	-612.02E-6	-0.069085	0.0
	34.00000	15.00000	-3.00000	0.019918	-3.3442	-494.54E-6	-0.061063	0.0
	35.00000	15.00000	-3.00000	0.020123	-3.3442	-401.01E-6	-0.054102	0.0
	36.00000	15.00000	-3.00000	0.020067	-3.3442	-326.48E-6	-0.048059	0.0
	37.00000	15.00000	-3.00000	0.019808	-3.3442	-266.96E-6	-0.042806	0.0
	38.00000	15.00000	-3.00000	0.019394	-3.3442	-219.29E-6	-0.038232	0.0
	39.00000	15.00000	-3.00000	0.018866	-3.3442	-180.97E-6	-0.034243	0.0
	40.00000	15.00000	-3.00000	0.018257	-3.3442	-150.06E-6	-0.030754	0.0
	41.00000	15.00000	-3.00000	0.017592	-3.3442	-125.00E-6	-0.027696	0.0
	42.00000	15.00000	-3.00000	0.016893	-3.3442	-104.62E-6	-0.025009	0.0
	43.00000	15.00000	-3.00000	0.016178	-3.3442	-87.953E-6	-0.022642	0.0
	44.00000	15.00000	-3.00000	0.015458	-3.3442	-74.272E-6	-0.020550	0.0
	45.00000	15.00000	-3.00000	0.014744	-3.3442	-62.990E-6	-0.018698	0.0
	-10.00000	16.00000	-3.00000	0.016093	-3.3442	-29.671E-6	-0.017718	0.0
	-9.00000	16.00000	-3.00000	0.016828	-3.3442	-34.282E-6	-0.019421	0.0
	-8.00000	16.00000	-3.00000	0.017555	-3.3442	-39.750E-6	-0.021335	0.0
	-7.00000	16.00000	-3.00000	0.018260	-3.3442	-46.259E-6	-0.023491	0.0
	-6.00000	16.00000	-3.00000	0.018925	-3.3442	-54.035E-6	-0.025926	0.0
	-5.00000	16.00000	-3.00000	0.019529	-3.3442	-63.365E-6	-0.028681	0.0
	-4.00000	16.00000	-3.00000	0.020044	-3.3442	-74.601E-6	-0.031804	0.0
	-3.00000	16.00000	-3.00000	0.020439	-3.3442	-88.188E-6	-0.035351	0.0
	-2.00000	16.00000	-3.00000	0.020673	-3.3442	-104.68E-6	-0.039386	0.0
	-1.00000	16.00000	-3.00000	0.020702	-3.3442	-124.78E-6	-0.043983	0.0
	0.00000	16.00000	-3.00000	0.020473	-3.3442	-149.37E-6	-0.049222	0.0
	1.00000	16.00000	-3.00000	0.019928	-3.3442	-179.54E-6	-0.055196	0.0
	2.00000	16.00000	-3.00000	0.019003	-3.3442	-216.69E-6	-0.062003	0.0
	3.00000	16.00000	-3.00000	0.017635	-3.3442	-262.53E-6	-0.069748	1.0209E-6
	4.00000	16.00000	-3.00000	0.015760	-3.3442	-319.20E-6	-0.078533	1.1484E-6
	5.00000	16.00000	-3.00000	0.013326	-3.3442	-389.29E-6	-0.088456	1.2922E-6
	6.00000	16.00000	-3.00000	0.010297	-3.3442	-475.92E-6	-0.099588	1.4532E-6
	7.00000	16.00000	-3.00000	0.0066688	-3.3442	-582.71E-6	-0.11196	1.6316E-6
	8.00000	16.00000	-3.00000	0.0024753	-3.3442	-713.71E-6	-0.12555	1.8270E-6
	9.00000	16.00000	-3.00000	-0.0021949	-3.3442	-873.14E-6	-0.14024	2.0373E-6
	10.00000	16.00000	-3.00000	-0.0071914	-3.3442	-0.0010649	-0.15576	2.2586E-6
	11.00000	16.00000	-3.00000	-0.012299	-3.3442	-0.0012919	-0.17175	2.4852E-6
	12.00000	16.00000	-3.00000	-0.017248	-3.3442	-0.0015547	-0.18764	2.7087E-6
	13.00000	16.00000	-3.00000	-0.021729	-3.3442	-0.0018505	-0.20274	2.9193E-6
	14.00000	16.00000	-3.00000	-0.025429	-3.3442	-0.0021715	-0.21628	3.1054E-6
	15.00000	16.00000	-3.00000	-0.028071	-3.3442	-0.0025034	-0.22743	3.2556E-6
	16.00000	16.00000	-3.00000	-0.029444	-3.3442	-0.0028255	-0.23543	3.3598E-6
	17.00000	16.00000	-3.00000	-0.029442	-3.3442	-0.0031113	-0.23970	3.4104E-6
	18.00000	16.00000	-3.00000	-0.028071	-3.3442	-0.0033320	-0.23991	3.4037E-6
	19.00000	16.00000	-3.00000	-0.025453	-3.3442	-0.0034613	-0.23602	3.3403E-6
	20.00000	16.00000	-3.00000	-0.021801	-3.3442	-0.0034816	-0.22831	3.2252E-6
	21.00000	16.00000	-3.00000	-0.017395	-3.3442	-0.0033893	-0.21734	3.0670E-6
	22.00000	16.00000	-3.00000	-0.012540	-3.3442	-0.0031957	-0.20388	2.8763E-6
	23.00000	16.00000	-3.00000	-0.0075341	-3.3442	-0.0029246	-0.18877	2.6646E-6
	24.00000	16.00000	-3.00000	-0.0026375	-3.3442	-0.0026060	-0.17283	2.4428E-6
	25.00000	16.00000	-3.00000	0.0019437	-3.3442	-0.0022696	-0.15678	2.2201E-6
	26.00000	16.00000	-3.00000	0.0060651	-3.3442	-0.0019398	-0.14118	2.0039E-6
	27.00000	16.00000	-3.00000	0.0096413	-3.3442	-0.0016337	-0.12644	1.7993E-6
	28.00000	16.00000	-3.00000	0.012637	-3.3442	-0.0013606	-0.11279	1.6094E-6
	29.00000	16.00000	-3.00000	0.015058	-3.3442	-0.0011243	-0.10037	1.4360E-6
	30.00000	16.00000	-3.00000	0.016936	-3.3442	-924.19E-6	-0.089192	1.2794E-6
	31.00000	16.00000	-3.00000	0.018321	-3.3442	-757.49E-6	-0.079226	1.1392E-6
	32.00000	16.00000	-3.00000	0.019272	-3.3442	-620.13E-6	-0.070397	1.0146E-6
	33.00000	16.00000	-3.00000	0.019851	-3.3442	-507.80E-6	-0.062609	0.0
	34.00000	16.00000	-3.00000	0.020119	-3.3442	-416.38E-6	-0.055759	0.0
	35.00000	16.00000	-3.00000	0.020131	-3.3442	-342.15E-6	-0.049743	0.0
	36.00000	16.00000	-3.00000	0.019938	-3.3442	-281.94E-6	-0.044462	0.0
	37.00000	16.00000	-3.00000	0.019586	-3.3442	-233.07E-6	-0.039827	0.0
	38.00000	16.00000	-3.00000	0.019110	-3.3442	-193.35E-6	-0.035755	0.0
	39.00000	16.00000	-3.00000	0.018545	-3.3442	-161.01E-6	-0.032173	0.0
	40.00000	16.00000	-3.00000	0.017916	-3.3442	-134.59E-6	-0.029018	0.0
	41.00000	16.00000	-3.00000	0.017244	-3.3442	-112.96E-6	-0.026234	0.0
	42.00000	16.00000	-3.00000	0.016548	-3.3442	-95.174E-6	-0.023772	0.0
	43.00000	16.00000	-3.00000	0.015842	-3.3442	-80.508E-6	-0.021591	0.0
	44.00000	16.00000	-3.00000	0.015135	-3.3442	-68.368E-6	-0.019655	0.0
	45.00000	16.00000	-3.00000	0.014437	-3.3442	-58.282E-6	-0.017931	0.0
	-10.00000	17.00000	-3.00000	0.015719	-3.3442	-27.870E-6	-0.016959	0.0
	-9.00000	17.00000	-3.00000	0.016439	-3.3442	-32.083E-6	-0.018538	0.0
	-8.00000	17.00000	-3.00000	0.017156	-3.3442	-37.051E-6	-0.020305	0.0
	-7.00000	17.00000	-3.00000	0.017858	-3.3442	-42.931E-6	-0.022284	0.0
	-6.00000	17.00000	-3.00000	0.018532	-3.3442	-49.912E-6	-0.024506	0.0
	-5.00000	17.00000	-3.00000	0.019158	-3.3442	-58.228E-6	-0.027005	0.0
	-4.00000	17.00000	-3.00000	0.019717	-3.3442	-68.168E-6	-0.029819	0.0
	-3.00000	17.00000	-3.00000	0.020181	-3.3442	-80.088E-6	-0.032991	0.0
	-2.00000	17.00000	-3.00000	0.020520	-3.3442	-94.427E-6	-0.036570	0.0
	-1.00000	17.00000	-3.00000	0.020700	-3.3442	-111.73E-6	-0.040611	0.0
	0.00000	17.00000	-3.00000	0.020680	-3.3442	-132.66E-6	-0.045173	0.0
	1.00000	17.00000	-3.00000	0.020418	-3.3442	-158.03E-6	-0.050318	0.0
	2.00000	17.00000	-3.00000	0.019868	-3.3442	-188.86E-6	-0.056114	0.0
	3.00000	17.00000	-3.00000	0.018986	-3.3442	-226.35E-6	-0.062625	0.0
	4.00000	17.00000	-3.00000	0.017730	-3.3442	-271.95E-6	-0.069910	1.0229E-6
	5.00000	17.00000	-3.00000	0.016068	-3.3442	-327.38E-6	-0.078018	1.1404E-6
	6.00000	17.00000	-3.00000	0.013981	-3.3442	-394.59E-6	-0.086973	1.2700E-6
	7.00000	17.00000	-3.00000	0.011475	-3.3442	-475.74E-6	-0.096765	1.4114E-6
	8.00000	17.00000	-3.00000	0.0085823	-3.3442	-573.10E-6	-0.10733	1.5635E-6
	9.00000	17.00000	-3.00000	0.0053741	-3.3442	-688.80E-6	-0.11855	1.7245E-6
	10.00000	17.00000	-3.00000	0.0019605	-3.3442	-824.56E-6	-0.13022	1.8911E-6
	11.00000	17.00000	-3.00000	-0.0015086	-3.3442	-981.16E-6	-0.14202	2.0589E-6
	12.00000	17.00000	-3.00000	-0.0048499	-3.3442	-0.0011578	-0.15357	2.2220E-6
	13.00000	17.00000	-3.00000	-0.0078611	-3.3442	-0.0013516	-0.16439	2.3737E-6
	14.00000	17.00000	-3.00000	-0.010340	-3.3442	-0.0015565	-0.17398	2.5064E-6
	15.00000	17.00000	-3.00000	-0.012109	-3.3442	-0.0017634	-0.18179	2.6129E-6
	16.00000	17.00000	-3.00000	-0.013035	-3.3442	-0.0019597	-0.18736	2.6866E-6
	17.00000	17.00000	-3.00000	-0.013049	-3.3442	-0.0021305	-0.19032	2.7230E-6
	18.00000	17.00000	-3.00000	-0.012156	-3.3442	-0.0022603	-0.19048	2.7195E-6
	19.00000	17.00000	-3.00000	-0.010430	-3.3442	-0.0023357	-0.18780	2.6765E-6
	20.00000	17.00000	-3.00000	-0.0080061	-3.3442	-0.0023479	-0.18247	2.5970E-6
	21.00000	17.00000	-3.00000	-0.0050628	-3.3442	-0.0022950	-0.17482	2.4861E-6
	22.00000	17.00000	-3.00000	-0.0017978	-3.3442	-0.0021829	-0.16534	2.3507E-6
	23.00000	17.00000	-3.00000	0.0015923	-3.3442	-0.0020233	-0.15455	2.1981E-6
	24.00000	17.00000	-3.00000	0.0049307	-3.3442	-0.0018320	-0.14299	2.0355E-6
	25.00000	17.00000	-3.00000	0.0080726	-3.3442	-0.0016249	-0.13115	1.8694E-6
	26.00000	17.00000	-3.00000	0.010912	-3.3442	-0.0014163	-0.11945	1.7054E-6
	27.00000	17.00000	-3.00000	0.013380	-3.3442	-0.0012171	-0.10818	1.5474E-6
	28.00000	17.00000	-3.00000	0.015444	-3.3442	-0.0010341	-0.097558	1.3983E-6
	29.00000	17.00000	-3.00000	0.017098	-3.3442	-871.28E-6	-0.087717	1.2599E-6
	30.00000	17.00000	-3.00000	0.018358	-3.3442	-729.61E-6	-0.078714	1.1329E-6
	31.00000	17.00000	-3.00000	0.019256	-3.3442	-608.50E-6	-0.070561	1.0176E-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 [-]
	32.00000	17.00000	-3.00000	0.019829	-3.3442	-506.30E-6	-0.063231	0.0
	33.00000	17.00000	-3.00000	0.020120	-3.3442	-420.86E-6	-0.056677	0.0
	34.00000	17.00000	-3.00000	0.020173	-3.3442	-349.88E-6	-0.050840	0.0
	35.00000	17.00000	-3.00000	0.020029	-3.3442	-291.17E-6	-0.045655	0.0
	36.00000	17.00000	-3.00000	0.019726	-3.3442	-242.72E-6	-0.041055	0.0
	37.00000	17.00000	-3.00000	0.019299	-3.3442	-202.79E-6	-0.036979	0.0
	38.00000	17.00000	-3.00000	0.018776	-3.3442	-169.87E-6	-0.033366	0.0
	39.00000	17.00000	-3.00000	0.018183	-3.3442	-142.70E-6	-0.030162	0.0
	40.00000	17.00000	-3.00000	0.017542	-3.3442	-120.26E-6	-0.027319	0.0
	41.00000	17.00000	-3.00000	0.016869	-3.3442	-101.67E-6	-0.024793	0.0
	42.00000	17.00000	-3.00000	0.016180	-3.3442	-86.250E-6	-0.022546	0.0
	43.00000	17.00000	-3.00000	0.015485	-3.3442	-73.412E-6	-0.020544	0.0
	44.00000	17.00000	-3.00000	0.014794	-3.3442	-62.697E-6	-0.018757	0.0
	45.00000	17.00000	-3.00000	0.014113	-3.3442	-53.726E-6	-0.017160	0.0
	-10.00000	18.00000	-3.00000	0.015327	-3.3442	-26.099E-6	-0.016203	0.0
	-9.00000	18.00000	-3.00000	0.016029	-3.3442	-29.931E-6	-0.017662	0.0
	-8.00000	18.00000	-3.00000	0.016733	-3.3442	-34.427E-6	-0.019287	0.0
	-7.00000	18.00000	-3.00000	0.017428	-3.3442	-39.715E-6	-0.021098	0.0
	-6.00000	18.00000	-3.00000	0.018103	-3.3442	-45.952E-6	-0.023120	0.0
	-5.00000	18.00000	-3.00000	0.018743	-3.3442	-53.332E-6	-0.025380	0.0
	-4.00000	18.00000	-3.00000	0.019331	-3.3442	-62.084E-6	-0.027907	0.0
	-3.00000	18.00000	-3.00000	0.019847	-3.3442	-72.494E-6	-0.030736	0.0
	-2.00000	18.00000	-3.00000	0.020267	-3.3442	-84.903E-6	-0.033903	0.0
	-1.00000	18.00000	-3.00000	0.020564	-3.3442	-99.727E-6	-0.037447	0.0
	0.00000	18.00000	-3.00000	0.020709	-3.3442	-117.47E-6	-0.041410	0.0
	1.00000	18.00000	-3.00000	0.020669	-3.3442	-138.73E-6	-0.045836	0.0
	2.00000	18.00000	-3.00000	0.020412	-3.3442	-164.23E-6	-0.050767	0.0
	3.00000	18.00000	-3.00000	0.019906	-3.3442	-194.80E-6	-0.056241	0.0
	4.00000	18.00000	-3.00000	0.019125	-3.3442	-231.44E-6	-0.062289	0.0
	5.00000	18.00000	-3.00000	0.018048	-3.3442	-275.24E-6	-0.068931	1.0082E-6
	6.00000	18.00000	-3.00000	0.016666	-3.3442	-327.42E-6	-0.076163	1.1130E-6
	7.00000	18.00000	-3.00000	0.014988	-3.3442	-389.24E-6	-0.083956	1.2256E-6
	8.00000	18.00000	-3.00000	0.013043	-3.3442	-461.92E-6	-0.092241	1.3450E-6
	9.00000	18.00000	-3.00000	0.010882	-3.3442	-546.48E-6	-0.10090	1.4695E-6
	10.00000	18.00000	-3.00000	0.0085865	-3.3442	-643.54E-6	-0.10977	1.5965E-6
	11.00000	18.00000	-3.00000	0.0062593	-3.3442	-752.98E-6	-0.11862	1.7226E-6
	12.00000	18.00000	-3.00000	0.0040243	-3.3442	-873.68E-6	-0.12716	1.8437E-6
	13.00000	18.00000	-3.00000	0.0020150	-3.3442	-0.0010031	-0.13507	1.9550E-6
	14.00000	18.00000	-3.00000	362.77E-6	-3.3442	-0.0011370	-0.14200	2.0516E-6
	15.00000	18.00000	-3.00000	-817.45E-6	-3.3442	-0.0012694	-0.14760	2.1287E-6
	16.00000	18.00000	-3.00000	-0.0014409	-3.3442	-0.0013927	-0.15157	2.1820E-6
	17.00000	18.00000	-3.00000	-0.0014634	-3.3442	-0.0014983	-0.15368	2.2085E-6
	18.00000	18.00000	-3.00000	-886.54E-6	-3.3442	-0.0015775	-0.15379	2.2067E-6
	19.00000	18.00000	-3.00000	242.64E-6	-3.3442	-0.0016232	-0.15190	2.1767E-6
	20.00000	18.00000	-3.00000	0.0018381	-3.3442	-0.0016308	-0.14812	2.1203E-6
	21.00000	18.00000	-3.00000	0.0037857	-3.3442	-0.0015993	-0.14266	2.0409E-6
	22.00000	18.00000	-3.00000	0.0059564	-3.3442	-0.0015317	-0.13583	1.9428E-6
	23.00000	18.00000	-3.00000	0.0082200	-3.3442	-0.0014343	-0.12797	1.8308E-6
	24.00000	18.00000	-3.00000	0.010457	-3.3442	-0.0013155	-0.11945	1.7099E-6
	25.00000	18.00000	-3.00000	0.012567	-3.3442	-0.0011845	-0.11059	1.5846E-6
	26.00000	18.00000	-3.00000	0.014472	-3.3442	-0.0010494	-0.10170	1.4589E-6
	27.00000	18.00000	-3.00000	0.016122	-3.3442	-917.27E-6	-0.093001	1.3361E-6
	28.00000	18.00000	-3.00000	0.017487	-3.3442	-792.96E-6	-0.084676	1.2183E-6
	29.00000	18.00000	-3.00000	0.018559	-3.3442	-679.53E-6	-0.076842	1.1074E-6
	30.00000	18.00000	-3.00000	0.019345	-3.3442	-578.47E-6	-0.069568	1.0042E-6
	31.00000	18.00000	-3.00000	0.019864	-3.3442	-490.08E-6	-0.062885	0.0
	32.00000	18.00000	-3.00000	0.020141	-3.3442	-413.86E-6	-0.056796	0.0
	33.00000	18.00000	-3.00000	0.020206	-3.3442	-348.82E-6	-0.051282	0.0
	34.00000	18.00000	-3.00000	0.020091	-3.3442	-293.75E-6	-0.046314	0.0
	35.00000	18.00000	-3.00000	0.019824	-3.3442	-247.40E-6	-0.041852	0.0
	36.00000	18.00000	-3.00000	0.019436	-3.3442	-208.53E-6	-0.037855	0.0
	37.00000	18.00000	-3.00000	0.018952	-3.3442	-176.00E-6	-0.034278	0.0
	38.00000	18.00000	-3.00000	0.018394	-3.3442	-148.82E-6	-0.031081	0.0
	39.00000	18.00000	-3.00000	0.017784	-3.3442	-126.10E-6	-0.028225	0.0
	40.00000	18.00000	-3.00000	0.017138	-3.3442	-107.11E-6	-0.025671	0.0
	41.00000	18.00000	-3.00000	0.016469	-3.3442	-91.224E-6	-0.023387	0.0
	42.00000	18.00000	-3.00000	0.015790	-3.3442	-77.904E-6	-0.021343	0.0
	43.00000	18.00000	-3.00000	0.015110	-3.3442	-66.719E-6	-0.019511	0.0
	44.00000	18.00000	-3.00000	0.014437	-3.3442	-57.306E-6	-0.017867	0.0
	45.00000	18.00000	-3.00000	0.013776	-3.3442	-49.365E-6	-0.016391	0.0
	-10.00000	19.00000	-3.00000	0.014920	-3.3442	-24.373E-6	-0.015454	0.0
	-9.00000	19.00000	-3.00000	0.015602	-3.3442	-27.846E-6	-0.016799	0.0
	-8.00000	19.00000	-3.00000	0.016289	-3.3442	-31.898E-6	-0.018290	0.0
	-7.00000	19.00000	-3.00000	0.016972	-3.3442	-36.634E-6	-0.019943	0.0
	-6.00000	19.00000	-3.00000	0.017642	-3.3442	-42.186E-6	-0.021778	0.0
	-5.00000	19.00000	-3.00000	0.018287	-3.3442	-48.707E-6	-0.023816	0.0
	-4.00000	19.00000	-3.00000	0.018894	-3.3442	-56.384E-6	-0.026081	0.0
	-3.00000	19.00000	-3.00000	0.019446	-3.3442	-65.439E-6	-0.028597	0.0
	-2.00000	19.00000	-3.00000	0.019925	-3.3442	-76.138E-6	-0.031393	0.0
	-1.00000	19.00000	-3.00000	0.020310	-3.3442	-88.795E-6	-0.034496	0.0
	0.00000	19.00000	-3.00000	0.020579	-3.3442	-103.79E-6	-0.037936	0.0
	1.00000	19.00000	-3.00000	0.020709	-3.3442	-121.55E-6	-0.041740	0.0
	2.00000	19.00000	-3.00000	0.020675	-3.3442	-142.59E-6	-0.045935	0.0
	3.00000	19.00000	-3.00000	0.020456	-3.3442	-167.49E-6	-0.050541	0.0
	4.00000	19.00000	-3.00000	0.020033	-3.3442	-196.90E-6	-0.055572	0.0
	5.00000	19.00000	-3.00000	0.019393	-3.3442	-231.52E-6	-0.061030	0.0
	6.00000	19.00000	-3.00000	0.018533	-3.3442	-272.10E-6	-0.066897	0.0
	7.00000	19.00000	-3.00000	0.017461	-3.3442	-319.35E-6	-0.073136	1.0685E-6
	8.00000	19.00000	-3.00000	0.016199	-3.3442	-373.88E-6	-0.079682	1.1630E-6
	9.00000	19.00000	-3.00000	0.014786	-3.3442	-436.14E-6	-0.086435	1.2602E-6
	10.00000	19.00000	-3.00000	0.013278	-3.3442	-506.20E-6	-0.093258	1.3581E-6
	11.00000	19.00000	-3.00000	0.011748	-3.3442	-583.65E-6	-0.099981	1.4542E-6
	12.00000	19.00000	-3.00000	0.010277	-3.3442	-667.37E-6	-0.10640	1.5455E-6
	13.00000	19.00000	-3.00000	0.0089536	-3.3442	-755.38E-6	-0.11228	1.6286E-6
	14.00000	19.00000	-3.00000	0.0078646	-3.3442	-844.75E-6	-0.11738	1.7002E-6
	15.00000	19.00000	-3.00000	0.0070841	-3.3442	-931.57E-6	-0.12147	1.7570E-6
	16.00000	19.00000	-3.00000	0.0066668	-3.3442	-0.0010111	-0.12436	1.7962E-6
	17.00000	19.00000	-3.00000	0.0066414	-3.3442	-0.0010784	-0.12589	1.8158E-6
	18.00000	19.00000	-3.00000	0.0070073	-3.3442	-0.0011283	-0.12598	1.8149E-6
	19.00000	19.00000	-3.00000	0.0077349	-3.3442	-0.0011570	-0.12462	1.7935E-6
	20.00000	19.00000	-3.00000	0.0087691	-3.3442	-0.0011618	-0.12188	1.7527E-6
	21.00000	19.00000	-3.00000	0.010036	-3.3442	-0.0011424	-0.11790	1.6947E-6
	22.00000	19.00000	-3.00000	0.011452	-3.3442	-0.0011002	-0.11288	1.6223E-6
	23.00000	19.00000	-3.00000	0.012930	-3.3442	-0.0010389	-0.10706	1.5388E-6
	24.00000	19.00000	-3.00000	0.014391	-3.3442	-962.99E-6	-0.10067	1.4476E-6
	25.00000	19.00000	-3.00000	0.015763	-3.3442	-877.85E-6	-0.093953	1.3519E-6
	26.00000	19.00000	-3.00000	0.016994	-3.3442	-788.49E-6	-0.087119	1.2547E-6
	27.00000	19.00000	-3.00000	0.018044	-3.3442	-699.27E-6	-0.080345	1.1584E-6
	28.00000	19.00000	-3.00000	0.018892	-3.3442	-613.55E-6	-0.073772	1.0649E-6
	29.00000	19.00000	-3.00000	0.019529	-3.3442	-533.66E-6	-0.067500	0.0
	30.00000	19.00000	-3.00000	0.019957	-3.3442	-460.97E-6	-0.061599	0.0
	31.00000	19.00000	-3.00000	0.020188	-3.3442	-396.08E-6	-0.056107	0.0
	32.00000	19.00000	-3.00000	0.020239	-3.3442	-339.01E-6	-0.051042	0.0
	33.00000	19.00000	-3.00000	0.020131	-3.3442	-289.39E-6	-0.046401	0.0
	34.00000	19.00000	-3.00000	0.019886	-3.3442	-246.65E-6	-0.042174	0.0
	35.00000	19.00000	-3.00000	0.019527	-3.3442	-210.08E-6	-0.038338	0.0
	36.00000	19.00000	-3.00000	0.019076	-3.3442	-178.93E-6	-0.034868	0.0
	37.00000	19.00000	-3.00000	0.018551	-3.3442	-152.49E-6	-0.031737	0.0
	38.00000	19.00000	-3.00000	0.017971	-3.3442	-130.11E-6	-0.028914	0.0
	39.00000	19.00000	-3.00000	0.017352	-3.3442	-111.17E-6	-0.026373	0.0
	40.00000	19.00000	-3.00000	0.016707	-3.3442	-95.165E-6	-0.024084	0.0
	41.00000	19.00000	-3.00000	0.016047	-3.3442	-81.628E-6	-0.022025	0.0
	42.00000	19.00000	-3.00000	0.015382	-3.3442	-70.172E-6	-0.020170	0.0
	43.00000	19.00000	-3.00000	0.014720	-3.3442	-60.466E-6	-0.018498	0.0
	44.00000	19.00000	-3.00000	0.014066	-3.3442	-52.229E-6	-0.016991	0.0
	45.00000	19.00000	-3.00000	0.013426	-3.3442	-45.228E-6	-0.015630	0.0
	-10.00000	20.00000	-3.00000	0.014501	-3.3442	-22.706E-6	-0.014718	0.0
	-9.00000	20.00000	-3.00000	0.015161	-3.3442	-25.842E-6	-0.015955	0.0
	-8.00000	20.00000	-3.00000	0.015828	-3.3442	-29.480E-6	-0.017320	0.0
	-7.00000	20.00000	-3.00000	0.016495	-3.3442	-33.708E-6	-0.018825	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 [-]
	-6.00000	20.00000	-3.00000	0.017155	-3.3442	-38.632E-6	-0.020486	0.0
	-5.00000	20.00000	-3.00000	0.017797	-3.3442	-44.375E-6	-0.022321	0.0
	-4.00000	20.00000	-3.00000	0.018412	-3.3442	-51.086E-6	-0.024346	0.0
	-3.00000	20.00000	-3.00000	0.018987	-3.3442	-58.937E-6	-0.026581	0.0
	-2.00000	20.00000	-3.00000	0.019506	-3.3442	-68.133E-6	-0.029046	0.0
	-1.00000	20.00000	-3.00000	0.019954	-3.3442	-78.910E-6	-0.031761	0.0
	0.00000	20.00000	-3.00000	0.020314	-3.3442	-91.546E-6	-0.034744	0.0
	1.00000	20.00000	-3.00000	0.020569	-3.3442	-106.35E-6	-0.038014	0.0
	2.00000	20.00000	-3.00000	0.020701	-3.3442	-123.69E-6	-0.041584	0.0
	3.00000	20.00000	-3.00000	0.020695	-3.3442	-143.95E-6	-0.045466	0.0
	4.00000	20.00000	-3.00000	0.020537	-3.3442	-167.57E-6	-0.049661	0.0
	5.00000	20.00000	-3.00000	0.020219	-3.3442	-194.97E-6	-0.054160	0.0
	6.00000	20.00000	-3.00000	0.019739	-3.3442	-226.60E-6	-0.058943	0.0
	7.00000	20.00000	-3.00000	0.019105	-3.3442	-262.85E-6	-0.063969	0.0
	8.00000	20.00000	-3.00000	0.018333	-3.3442	-304.01E-6	-0.069180	1.0106E-6
	9.00000	20.00000	-3.00000	0.017451	-3.3442	-350.19E-6	-0.074493	1.0873E-6
	10.00000	20.00000	-3.00000	0.016498	-3.3442	-401.26E-6	-0.079801	1.1636E-6
	11.00000	20.00000	-3.00000	0.015522	-3.3442	-456.72E-6	-0.084974	1.2377E-6
	12.00000	20.00000	-3.00000	0.014579	-3.3442	-515.62E-6	-0.089861	1.3074E-6
	13.00000	20.00000	-3.00000	0.013727	-3.3442	-576.50E-6	-0.094299	1.3704E-6
	14.00000	20.00000	-3.00000	0.013024	-3.3442	-637.32E-6	-0.098122	1.4243E-6
	15.00000	20.00000	-3.00000	0.012516	-3.3442	-695.51E-6	-0.10117	1.4669E-6
	16.00000	20.00000	-3.00000	0.012240	-3.3442	-748.14E-6	-0.10331	1.4962E-6
	17.00000	20.00000	-3.00000	0.012215	-3.3442	-792.10E-6	-0.10444	1.5110E-6
	18.00000	20.00000	-3.00000	0.012439	-3.3442	-824.51E-6	-0.10451	1.5106E-6
	19.00000	20.00000	-3.00000	0.012896	-3.3442	-843.03E-6	-0.10351	1.4949E-6
	20.00000	20.00000	-3.00000	0.013549	-3.3442	-846.22E-6	-0.10148	1.4648E-6
	21.00000	20.00000	-3.00000	0.014350	-3.3442	-833.82E-6	-0.098531	1.4216E-6
	22.00000	20.00000	-3.00000	0.015246	-3.3442	-806.73E-6	-0.094783	1.3673E-6
	23.00000	20.00000	-3.00000	0.016177	-3.3442	-766.95E-6	-0.090397	1.3042E-6
	24.00000	20.00000	-3.00000	0.017092	-3.3442	-717.20E-6	-0.085541	1.2345E-6
	25.00000	20.00000	-3.00000	0.017941	-3.3442	-660.61E-6	-0.080382	1.1606E-6
	26.00000	20.00000	-3.00000	0.018688	-3.3442	-600.28E-6	-0.075073	1.0847E-6
	27.00000	20.00000	-3.00000	0.019305	-3.3442	-538.99E-6	-0.069749	1.0086E-6
	28.00000	20.00000	-3.00000	0.019775	-3.3442	-479.04E-6	-0.064520	0.0
	29.00000	20.00000	-3.00000	0.020090	-3.3442	-422.12E-6	-0.059471	0.0
	30.00000	20.00000	-3.00000	0.020253	-3.3442	-369.37E-6	-0.054662	0.0
	31.00000	20.00000	-3.00000	0.020269	-3.3442	-321.41E-6	-0.050135	0.0
	32.00000	20.00000	-3.00000	0.020152	-3.3442	-278.47E-6	-0.045912	0.0
	33.00000	20.00000	-3.00000	0.019915	-3.3442	-240.52E-6	-0.042002	0.0
	34.00000	20.00000	-3.00000	0.019576	-3.3442	-207.28E-6	-0.038404	0.0
	35.00000	20.00000	-3.00000	0.019150	-3.3442	-178.40E-6	-0.035107	0.0
	36.00000	20.00000	-3.00000	0.018654	-3.3442	-153.45E-6	-0.032098	0.0
	37.00000	20.00000	-3.00000	0.018103	-3.3442	-131.99E-6	-0.029359	0.0
	38.00000	20.00000	-3.00000	0.017512	-3.3442	-113.59E-6	-0.026871	0.0
	39.00000	20.00000	-3.00000	0.016892	-3.3442	-97.843E-6	-0.024613	0.0
	40.00000	20.00000	-3.00000	0.016254	-3.3442	-84.383E-6	-0.022568	0.0
	41.00000	20.00000	-3.00000	0.015607	-3.3442	-72.886E-6	-0.020714	0.0
	42.00000	20.00000	-3.00000	0.014959	-3.3442	-63.063E-6	-0.019035	0.0
	43.00000	20.00000	-3.00000	0.014317	-3.3442	-54.667E-6	-0.017513	0.0
	44.00000	20.00000	-3.00000	0.013684	-3.3442	-47.485E-6	-0.016134	0.0
	45.00000	20.00000	-3.00000	0.013066	-3.3442	-41.334E-6	-0.014882	0.0
	-10.00000	21.00000	-3.00000	0.014072	-3.3442	-21.105E-6	-0.014000	0.0
	-9.00000	21.00000	-3.00000	0.014708	-3.3442	-23.928E-6	-0.015135	0.0
	-8.00000	21.00000	-3.00000	0.015353	-3.3442	-27.185E-6	-0.016381	0.0
	-7.00000	21.00000	-3.00000	0.016001	-3.3442	-30.948E-6	-0.017749	0.0
	-6.00000	21.00000	-3.00000	0.016646	-3.3442	-35.301E-6	-0.019250	0.0
	-5.00000	21.00000	-3.00000	0.017280	-3.3442	-40.345E-6	-0.020899	0.0
	-4.00000	21.00000	-3.00000	0.017894	-3.3442	-46.194E-6	-0.022708	0.0
	-3.00000	21.00000	-3.00000	0.018478	-3.3442	-52.984E-6	-0.024691	0.0
	-2.00000	21.00000	-3.00000	0.019022	-3.3442	-60.869E-6	-0.026862	0.0
	-1.00000	21.00000	-3.00000	0.019512	-3.3442	-70.026E-6	-0.029235	0.0
	0.00000	21.00000	-3.00000	0.019936	-3.3442	-80.658E-6	-0.031822	0.0
	1.00000	21.00000	-3.00000	0.020280	-3.3442	-92.989E-6	-0.034633	0.0
	2.00000	21.00000	-3.00000	0.020532	-3.3442	-107.27E-6	-0.037677	0.0
	3.00000	21.00000	-3.00000	0.020679	-3.3442	-123.75E-6	-0.040954	0.0
	4.00000	21.00000	-3.00000	0.020713	-3.3442	-142.73E-6	-0.044461	0.0
	5.00000	21.00000	-3.00000	0.020628	-3.3442	-164.46E-6	-0.048185	0.0
	6.00000	21.00000	-3.00000	0.020422	-3.3442	-189.19E-6	-0.052102	0.0
	7.00000	21.00000	-3.00000	0.020101	-3.3442	-217.13E-6	-0.056176	0.0
	8.00000	21.00000	-3.00000	0.019677	-3.3442	-248.37E-6	-0.060355	0.0
	9.00000	21.00000	-3.00000	0.019169	-3.3442	-282.89E-6	-0.064572	0.0
	10.00000	21.00000	-3.00000	0.018603	-3.3442	-320.47E-6	-0.068744	1.0035E-6
	11.00000	21.00000	-3.00000	0.018012	-3.3442	-360.64E-6	-0.072770	1.0613E-6
	12.00000	21.00000	-3.00000	0.017434	-3.3442	-402.66E-6	-0.076541	1.1152E-6
	13.00000	21.00000	-3.00000	0.016906	-3.3442	-445.43E-6	-0.079939	1.1636E-6
	14.00000	21.00000	-3.00000	0.016466	-3.3442	-487.57E-6	-0.082846	1.2048E-6
	15.00000	21.00000	-3.00000	0.016145	-3.3442	-527.36E-6	-0.085153	1.2372E-6
	16.00000	21.00000	-3.00000	0.015967	-3.3442	-562.94E-6	-0.086766	1.2595E-6
	17.00000	21.00000	-3.00000	0.015943	-3.3442	-592.39E-6	-0.087617	1.2708E-6
	18.00000	21.00000	-3.00000	0.016073	-3.3442	-613.94E-6	-0.087669	1.2706E-6
	19.00000	21.00000	-3.00000	0.016347	-3.3442	-626.22E-6	-0.086918	1.2589E-6
	20.00000	21.00000	-3.00000	0.016741	-3.3442	-628.38E-6	-0.085396	1.2363E-6
	21.00000	21.00000	-3.00000	0.017224	-3.3442	-620.25E-6	-0.083168	1.2037E-6
	22.00000	21.00000	-3.00000	0.017761	-3.3442	-602.38E-6	-0.080325	1.1624E-6
	23.00000	21.00000	-3.00000	0.018314	-3.3442	-575.94E-6	-0.076974	1.1140E-6
	24.00000	21.00000	-3.00000	0.018847	-3.3442	-542.56E-6	-0.073234	1.0601E-6
	25.00000	21.00000	-3.00000	0.019328	-3.3442	-504.14E-6	-0.069225	1.0024E-6
	26.00000	21.00000	-3.00000	0.019732	-3.3442	-462.63E-6	-0.065060	0.0
	27.00000	21.00000	-3.00000	0.020038	-3.3442	-419.85E-6	-0.060839	0.0
	28.00000	21.00000	-3.00000	0.020236	-3.3442	-377.34E-6	-0.056649	0.0
	29.00000	21.00000	-3.00000	0.020320	-3.3442	-336.33E-6	-0.052560	0.0
	30.00000	21.00000	-3.00000	0.020289	-3.3442	-297.69E-6	-0.048623	0.0
	31.00000	21.00000	-3.00000	0.020150	-3.3442	-261.98E-6	-0.044878	0.0
	32.00000	21.00000	-3.00000	0.019911	-3.3442	-229.51E-6	-0.041349	0.0
	33.00000	21.00000	-3.00000	0.019582	-3.3442	-200.36E-6	-0.038049	0.0
	34.00000	21.00000	-3.00000	0.019176	-3.3442	-174.45E-6	-0.034982	0.0
	35.00000	21.00000	-3.00000	0.018704	-3.3442	-151.61E-6	-0.032148	0.0
	36.00000	21.00000	-3.00000	0.018181	-3.3442	-131.62E-6	-0.029539	0.0
	37.00000	21.00000	-3.00000	0.017616	-3.3442	-114.20E-6	-0.027145	0.0
	38.00000	21.00000	-3.00000	0.017022	-3.3442	-99.090E-6	-0.024954	0.0
	39.00000	21.00000	-3.00000	0.016408	-3.3442	-86.012E-6	-0.022952	0.0
	40.00000	21.00000	-3.00000	0.015782	-3.3442	-74.716E-6	-0.021125	0.0
	41.00000	21.00000	-3.00000	0.015152	-3.3442	-64.971E-6	-0.019460	0.0
	42.00000	21.00000	-3.00000	0.014524	-3.3442	-56.570E-6	-0.017942	0.0
	43.00000	21.00000	-3.00000	0.013903	-3.3442	-49.328E-6	-0.016560	0.0
	44.00000	21.00000	-3.00000	0.013294	-3.3442	-43.084E-6	-0.015300	0.0
	45.00000	21.00000	-3.00000	0.012699	-3.3442	-37.695E-6	-0.014153	0.0
	-10.00000	22.00000	-3.00000	0.013636	-3.3442	-19.579E-6	-0.013302	0.0
	-9.00000	22.00000	-3.00000	0.014248	-3.3442	-22.113E-6	-0.014342	0.0
	-8.00000	22.00000	-3.00000	0.014868	-3.3442	-25.021E-6	-0.015478	0.0
	-7.00000	22.00000	-3.00000	0.015494	-3.3442	-28.360E-6	-0.016719	0.0
	-6.00000	22.00000	-3.00000	0.016120	-3.3442	-32.199E-6	-0.018074	0.0
	-5.00000	22.00000	-3.00000	0.016740	-3.3442	-36.617E-6	-0.019553	0.0
	-4.00000	22.00000	-3.00000	0.017346	-3.3442	-41.704E-6	-0.021167	0.0
	-3.00000	22.00000	-3.00000	0.017931	-3.3442	-47.564E-6	-0.022924	0.0
	-2.00000	22.00000	-3.00000	0.018486	-3.3442	-54.312E-6	-0.024836	0.0
	-1.00000	22.00000	-3.00000	0.019000	-3.3442	-62.082E-6	-0.026910	0.0
	0.00000	22.00000	-3.00000	0.019465	-3.3442	-71.018E-6	-0.029155	0.0
	1.00000	22.00000	-3.00000	0.019870	-3.3442	-81.279E-6	-0.031575	0.0
	2.00000	22.00000	-3.00000	0.020204	-3.3442	-93.035E-6	-0.034172	0.0
	3.00000	22.00000	-3.00000	0.020459	-3.3442	-106.46E-6	-0.036945	0.0
	4.00000	22.00000	-3.00000	0.020629	-3.3442	-121.73E-6	-0.039886	0.0
	5.00000	22.00000	-3.00000	0.020708	-3.3442	-139.00E-6	-0.042980	0.0
	6.00000	22.00000	-3.00000	0.020695	-3.3442	-158.41E-6	-0.046205	0.0
	7.00000	22.00000	-3.00000	0.020595	-3.3442	-180.05E-6	-0.049527	0.0
	8.00000	22.00000	-3.00000	0.020415	-3.3442	-203.91E-6	-0.052903	0.0
	9.00000	22.00000	-3.00000	0.020167	-3.3442	-229.91E-6	-0.056278	0.0
	10.00000	22.00000	-3.00000	0.019871	-3.3442	-257.82E-6	-0.059587	0.0
	11.00000	22.00000	-3.00000	0.019546	-3.3442	-287.24E-6	-0.062754	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 [-]
	12.00000	22.00000	-3.00000	0.019218	-3.3442	-317.59E-6	-0.065698	0.0
	13.00000	22.00000	-3.00000	0.018913	-3.3442	-348.10E-6	-0.068333	0.0
	14.00000	22.00000	-3.00000	0.018653	-3.3442	-377.77E-6	-0.070574	1.0280E-6
	15.00000	22.00000	-3.00000	0.018460	-3.3442	-405.49E-6	-0.072344	1.0530E-6
	16.00000	22.00000	-3.00000	0.018348	-3.3442	-430.03E-6	-0.073578	1.0702E-6
	17.00000	22.00000	-3.00000	0.018326	-3.3442	-450.18E-6	-0.074228	1.0789E-6
	18.00000	22.00000	-3.00000	0.018394	-3.3442	-464.84E-6	-0.074269	1.0788E-6
	19.00000	22.00000	-3.00000	0.018545	-3.3442	-473.17E-6	-0.073697	1.0700E-6
	20.00000	22.00000	-3.00000	0.018763	-3.3442	-474.66E-6	-0.072537	1.0528E-6
	21.00000	22.00000	-3.00000	0.019030	-3.3442	-469.21E-6	-0.070831	1.0277E-6
	22.00000	22.00000	-3.00000	0.019322	-3.3442	-457.14E-6	-0.068643	0.0
	23.00000	22.00000	-3.00000	0.019614	-3.3442	-439.16E-6	-0.066049	0.0
	24.00000	22.00000	-3.00000	0.019883	-3.3442	-416.29E-6	-0.063135	0.0
	25.00000	22.00000	-3.00000	0.020107	-3.3442	-389.70E-6	-0.059986	0.0
	26.00000	22.00000	-3.00000	0.020270	-3.3442	-360.65E-6	-0.056686	0.0
	27.00000	22.00000	-3.00000	0.020359	-3.3442	-330.33E-6	-0.053312	0.0
	28.00000	22.00000	-3.00000	0.020364	-3.3442	-299.79E-6	-0.049931	0.0
	29.00000	22.00000	-3.00000	0.020283	-3.3442	-269.90E-6	-0.046599	0.0
	30.00000	22.00000	-3.00000	0.020117	-3.3442	-241.34E-6	-0.043361	0.0
	31.00000	22.00000	-3.00000	0.019868	-3.3442	-214.56E-6	-0.040251	0.0
	32.00000	22.00000	-3.00000	0.019544	-3.3442	-189.86E-6	-0.037293	0.0
	33.00000	22.00000	-3.00000	0.019152	-3.3442	-167.36E-6	-0.034502	0.0
	34.00000	22.00000	-3.00000	0.018702	-3.3442	-147.10E-6	-0.031885	0.0
	35.00000	22.00000	-3.00000	0.018203	-3.3442	-129.00E-6	-0.029447	0.0
	36.00000	22.00000	-3.00000	0.017665	-3.3442	-112.96E-6	-0.027184	0.0
	37.00000	22.00000	-3.00000	0.017097	-3.3442	-98.823E-6	-0.025092	0.0
	38.00000	22.00000	-3.00000	0.016508	-3.3442	-86.413E-6	-0.023163	0.0
	39.00000	22.00000	-3.00000	0.015905	-3.3442	-75.560E-6	-0.021389	0.0
	40.00000	22.00000	-3.00000	0.015295	-3.3442	-66.091E-6	-0.019760	0.0
	41.00000	22.00000	-3.00000	0.014685	-3.3442	-57.846E-6	-0.018266	0.0
	42.00000	22.00000	-3.00000	0.014079	-3.3442	-50.674E-6	-0.016897	0.0
	43.00000	22.00000	-3.00000	0.013482	-3.3442	-44.441E-6	-0.015643	0.0
	44.00000	22.00000	-3.00000	0.012897	-3.3442	-39.023E-6	-0.014495	0.0
	45.00000	22.00000	-3.00000	0.012326	-3.3442	-34.315E-6	-0.013444	0.0
	-10.00000	23.00000	-3.00000	0.013197	-3.3442	-18.131E-6	-0.012626	0.0
	-9.00000	23.00000	-3.00000	0.013782	-3.3442	-20.401E-6	-0.013578	0.0
	-8.00000	23.00000	-3.00000	0.014377	-3.3442	-22.991E-6	-0.014612	0.0
	-7.00000	23.00000	-3.00000	0.014979	-3.3442	-25.948E-6	-0.015737	0.0
	-6.00000	23.00000	-3.00000	0.015582	-3.3442	-29.326E-6	-0.016958	0.0
	-5.00000	23.00000	-3.00000	0.016183	-3.3442	-33.188E-6	-0.018285	0.0
	-4.00000	23.00000	-3.00000	0.016776	-3.3442	-37.604E-6	-0.019723	0.0
	-3.00000	23.00000	-3.00000	0.017354	-3.3442	-42.653E-6	-0.021281	0.0
	-2.00000	23.00000	-3.00000	0.017909	-3.3442	-48.421E-6	-0.022963	0.0
	-1.00000	23.00000	-3.00000	0.018434	-3.3442	-55.006E-6	-0.024777	0.0
	0.00000	23.00000	-3.00000	0.018922	-3.3442	-62.513E-6	-0.026726	0.0
	1.00000	23.00000	-3.00000	0.019364	-3.3442	-71.051E-6	-0.028811	0.0
	2.00000	23.00000	-3.00000	0.019752	-3.3442	-80.736E-6	-0.031032	0.0
	3.00000	23.00000	-3.00000	0.020079	-3.3442	-91.682E-6	-0.033385	0.0
	4.00000	23.00000	-3.00000	0.020341	-3.3442	-103.99E-6	-0.035859	0.0
	5.00000	23.00000	-3.00000	0.020533	-3.3442	-117.76E-6	-0.038440	0.0
	6.00000	23.00000	-3.00000	0.020654	-3.3442	-133.05E-6	-0.041107	0.0
	7.00000	23.00000	-3.00000	0.020706	-3.3442	-149.89E-6	-0.043832	0.0
	8.00000	23.00000	-3.00000	0.020694	-3.3442	-168.23E-6	-0.046578	0.0
	9.00000	23.00000	-3.00000	0.020626	-3.3442	-187.96E-6	-0.049300	0.0
	10.00000	23.00000	-3.00000	0.020514	-3.3442	-208.88E-6	-0.051949	0.0
	11.00000	23.00000	-3.00000	0.020371	-3.3442	-230.66E-6	-0.054466	0.0
	12.00000	23.00000	-3.00000	0.020215	-3.3442	-252.86E-6	-0.056789	0.0
	13.00000	23.00000	-3.00000	0.020060	-3.3442	-274.91E-6	-0.058856	0.0
	14.00000	23.00000	-3.00000	0.019923	-3.3442	-296.13E-6	-0.060605	0.0
	15.00000	23.00000	-3.00000	0.019817	-3.3442	-315.76E-6	-0.061981	0.0
	16.00000	23.00000	-3.00000	0.019752	-3.3442	-332.99E-6	-0.062937	0.0
	17.00000	23.00000	-3.00000	0.019732	-3.3442	-347.05E-6	-0.063441	0.0
	18.00000	23.00000	-3.00000	0.019759	-3.3442	-357.23E-6	-0.063473	0.0
	19.00000	23.00000	-3.00000	0.019827	-3.3442	-363.00E-6	-0.063032	0.0
	20.00000	23.00000	-3.00000	0.019928	-3.3442	-364.04E-6	-0.062134	0.0
	21.00000	23.00000	-3.00000	0.020048	-3.3442	-360.30E-6	-0.060810	0.0
	22.00000	23.00000	-3.00000	0.020174	-3.3442	-351.98E-6	-0.059105	0.0
	23.00000	23.00000	-3.00000	0.020288	-3.3442	-339.52E-6	-0.057074	0.0
	24.00000	23.00000	-3.00000	0.020377	-3.3442	-323.54E-6	-0.054778	0.0
	25.00000	23.00000	-3.00000	0.020425	-3.3442	-304.82E-6	-0.052279	0.0
	26.00000	23.00000	-3.00000	0.020422	-3.3442	-284.16E-6	-0.049641	0.0
	27.00000	23.00000	-3.00000	0.020360	-3.3442	-262.36E-6	-0.046923	0.0
	28.00000	23.00000	-3.00000	0.020233	-3.3442	-240.14E-6	-0.044176	0.0
	29.00000	23.00000	-3.00000	0.020039	-3.3442	-218.13E-6	-0.041446	0.0
	30.00000	23.00000	-3.00000	0.019779	-3.3442	-196.82E-6	-0.038770	0.0
	31.00000	23.00000	-3.00000	0.019457	-3.3442	-176.58E-6	-0.036177	0.0
	32.00000	23.00000	-3.00000	0.019077	-3.3442	-157.67E-6	-0.033689	0.0
	33.00000	23.00000	-3.00000	0.018646	-3.3442	-140.23E-6	-0.031323	0.0
	34.00000	23.00000	-3.00000	0.018170	-3.3442	-124.32E-6	-0.029087	0.0
	35.00000	23.00000	-3.00000	0.017658	-3.3442	-109.95E-6	-0.026986	0.0
	36.00000	23.00000	-3.00000	0.017116	-3.3442	-97.052E-6	-0.025022	0.0
	37.00000	23.00000	-3.00000	0.016553	-3.3442	-85.559E-6	-0.023194	0.0
	38.00000	23.00000	-3.00000	0.015975	-3.3442	-75.366E-6	-0.021496	0.0
	39.00000	23.00000	-3.00000	0.015389	-3.3442	-66.360E-6	-0.019925	0.0
	40.00000	23.00000	-3.00000	0.014799	-3.3442	-58.428E-6	-0.018473	0.0
	41.00000	23.00000	-3.00000	0.014211	-3.3442	-51.459E-6	-0.017134	0.0
	42.00000	23.00000	-3.00000	0.013629	-3.3442	-45.345E-6	-0.015900	0.0
	43.00000	23.00000	-3.00000	0.013056	-3.3442	-39.988E-6	-0.014764	0.0
	44.00000	23.00000	-3.00000	0.012495	-3.3442	-35.298E-6	-0.013719	0.0
	45.00000	23.00000	-3.00000	0.011949	-3.3442	-31.191E-6	-0.012758	0.0
	-10.00000	24.00000	-3.00000	0.012756	-3.3442	-16.765E-6	-0.011976	0.0
	-9.00000	24.00000	-3.00000	0.013314	-3.3442	-18.794E-6	-0.012845	0.0
	-8.00000	24.00000	-3.00000	0.013882	-3.3442	-21.096E-6	-0.013786	0.0
	-7.00000	24.00000	-3.00000	0.014458	-3.3442	-23.709E-6	-0.014804	0.0
	-6.00000	24.00000	-3.00000	0.015038	-3.3442	-26.677E-6	-0.015904	0.0
	-5.00000	24.00000	-3.00000	0.015617	-3.3442	-30.048E-6	-0.017093	0.0
	-4.00000	24.00000	-3.00000	0.016191	-3.3442	-33.876E-6	-0.018375	0.0
	-3.00000	24.00000	-3.00000	0.016755	-3.3442	-38.220E-6	-0.019755	0.0
	-2.00000	24.00000	-3.00000	0.017302	-3.3442	-43.147E-6	-0.021236	0.0
	-1.00000	24.00000	-3.00000	0.017828	-3.3442	-48.726E-6	-0.022823	0.0
	0.00000	24.00000	-3.00000	0.018324	-3.3442	-55.031E-6	-0.024517	0.0
	1.00000	24.00000	-3.00000	0.018785	-3.3442	-62.138E-6	-0.026316	0.0
	2.00000	24.00000	-3.00000	0.019205	-3.3442	-70.125E-6	-0.028220	0.0
	3.00000	24.00000	-3.00000	0.019578	-3.3442	-79.063E-6	-0.030220	0.0
	4.00000	24.00000	-3.00000	0.019899	-3.3442	-89.014E-6	-0.032309	0.0
	5.00000	24.00000	-3.00000	0.020166	-3.3442	-100.03E-6	-0.034471	0.0
	6.00000	24.00000	-3.00000	0.020376	-3.3442	-112.12E-6	-0.036688	0.0
	7.00000	24.00000	-3.00000	0.020530	-3.3442	-125.29E-6	-0.038936	0.0
	8.00000	24.00000	-3.00000	0.020631	-3.3442	-139.48E-6	-0.041184	0.0
	9.00000	24.00000	-3.00000	0.020684	-3.3442	-154.56E-6	-0.043397	0.0
	10.00000	24.00000	-3.00000	0.020697	-3.3442	-170.38E-6	-0.045534	0.0
	11.00000	24.00000	-3.00000	0.020677	-3.3442	-186.66E-6	-0.047552	0.0
	12.00000	24.00000	-3.00000	0.020636	-3.3442	-203.08E-6	-0.049404	0.0
	13.00000	24.00000	-3.00000	0.020583	-3.3442	-219.23E-6	-0.051043	0.0
	14.00000	24.00000	-3.00000	0.020529	-3.3442	-234.62E-6	-0.052423	0.0
	15.00000	24.00000	-3.00000	0.020482	-3.3442	-248.74E-6	-0.053506	0.0
	16.00000	24.00000	-3.00000	0.020448	-3.3442	-261.05E-6	-0.054256	0.0
	17.00000	24.00000	-3.00000	0.020431	-3.3442	-271.02E-6	-0.054651	0.0
	18.00000	24.00000	-3.00000	0.020431	-3.3442	-278.22E-6	-0.054676	0.0
	19.00000	24.00000	-3.00000	0.020445	-3.3442	-282.29E-6	-0.054332	0.0
	20.00000	24.00000	-3.00000	0.020467	-3.3442	-283.04E-6	-0.053629	0.0
	21.00000	24.00000	-3.00000	0.020491	-3.3442	-280.43E-6	-0.052589	0.0
	22.00000	24.00000	-3.00000	0.020505	-3.3442	-274.58E-6	-0.051245	0.0
	23.00000	24.00000	-3.00000	0.020500	-3.3442	-265.77E-6	-0.049637	0.0
	24.00000	24.00000	-3.00000	0.020467	-3.3442	-254.43E-6	-0.047809	0.0
	25.00000	24.00000	-3.00000	0.020397	-3.3442	-241.03E-6	-0.045808	0.0
	26.00000	24.00000	-3.00000	0.020283	-3.3442	-226.12E-6	-0.043682	0.0
	27.00000	24.00000	-3.00000	0.020120	-3.3442	-210.23E-6	-0.041475	0.0
	28.00000	24.00000	-3.00000	0.019904	-3.3442	-193.88E-6	-0.039228	0.0
	29.00000	24.00000	-3.00000	0.019636	-3.3442	-177.50E-6	-0.036978	0.0

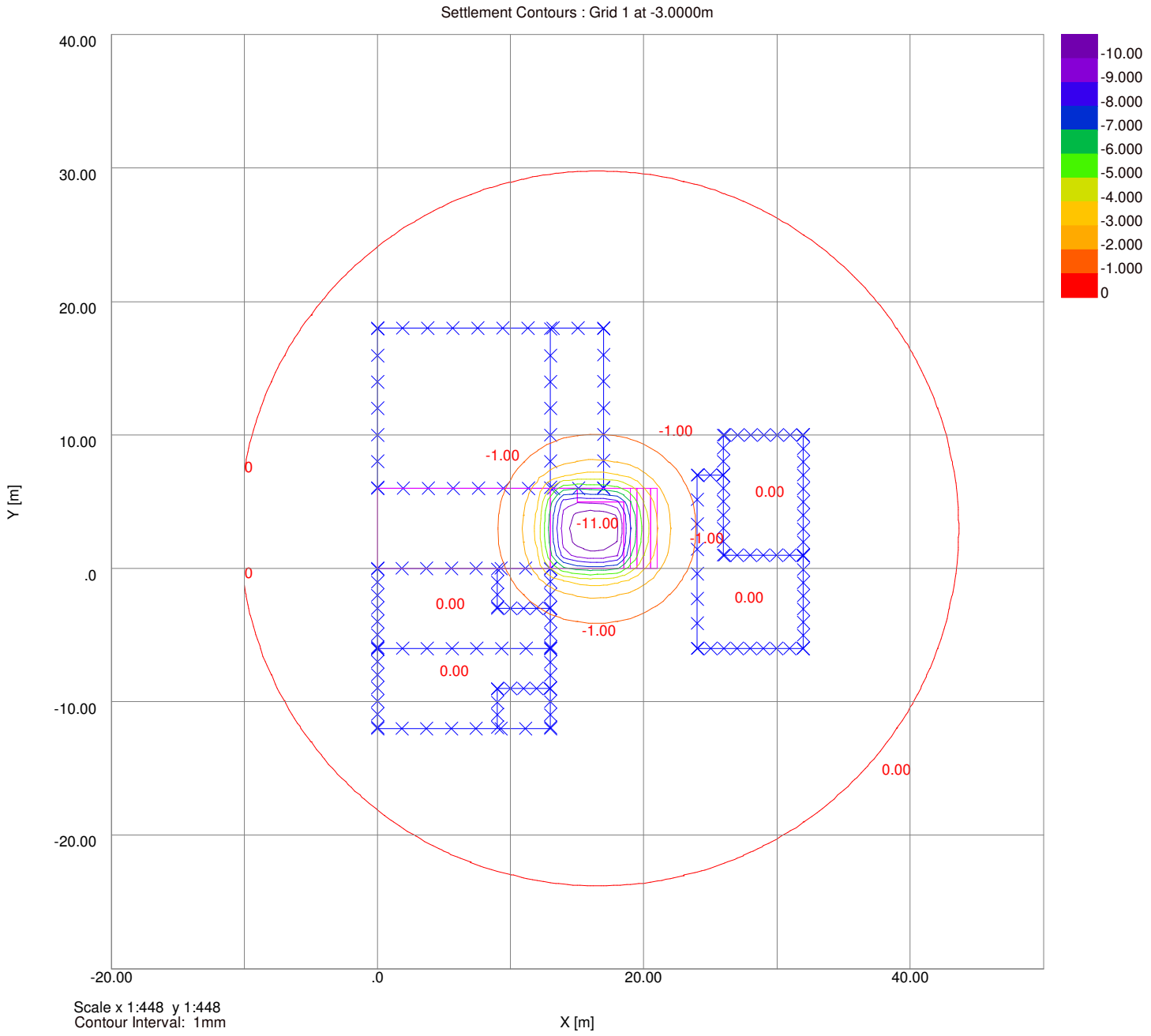
Name	Location			Displacement	Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	30.00000	24.00000	-3.00000	0.019316	-3.3442	-161.46E-6	-0.034756	0.0
	31.00000	24.00000	-3.00000	0.018947	-3.3442	-146.05E-6	-0.032585	0.0
	32.00000	24.00000	-3.00000	0.018534	-3.3442	-131.48E-6	-0.030487	0.0
	33.00000	24.00000	-3.00000	0.018081	-3.3442	-117.88E-6	-0.028475	0.0
	34.00000	24.00000	-3.00000	0.017594	-3.3442	-105.34E-6	-0.026560	0.0
	35.00000	24.00000	-3.00000	0.017080	-3.3442	-93.886E-6	-0.024748	0.0
	36.00000	24.00000	-3.00000	0.016544	-3.3442	-83.498E-6	-0.023042	0.0
	37.00000	24.00000	-3.00000	0.015992	-3.3442	-74.142E-6	-0.021443	0.0
	38.00000	24.00000	-3.00000	0.015430	-3.3442	-65.761E-6	-0.019949	0.0
	39.00000	24.00000	-3.00000	0.014863	-3.3442	-58.286E-6	-0.018558	0.0
	40.00000	24.00000	-3.00000	0.014296	-3.3442	-51.643E-6	-0.017264	0.0
	41.00000	24.00000	-3.00000	0.013732	-3.3442	-45.755E-6	-0.016065	0.0
	42.00000	24.00000	-3.00000	0.013175	-3.3442	-40.548E-6	-0.014954	0.0
	43.00000	24.00000	-3.00000	0.012627	-3.3442	-35.949E-6	-0.013926	0.0
	44.00000	24.00000	-3.00000	0.012092	-3.3442	-31.894E-6	-0.012976	0.0
	45.00000	24.00000	-3.00000	0.011571	-3.3442	-28.319E-6	-0.012098	0.0
	-10.00000	25.00000	-3.00000	0.012315	-3.3442	-15.481E-6	-0.011352	0.0
	-9.00000	25.00000	-3.00000	0.012846	-3.3442	-17.291E-6	-0.012145	0.0
	-8.00000	25.00000	-3.00000	0.013387	-3.3442	-19.334E-6	-0.013000	0.0
	-7.00000	25.00000	-3.00000	0.013936	-3.3442	-21.640E-6	-0.013921	0.0
	-6.00000	25.00000	-3.00000	0.014490	-3.3442	-24.244E-6	-0.014912	0.0
	-5.00000	25.00000	-3.00000	0.015045	-3.3442	-27.182E-6	-0.015976	0.0
	-4.00000	25.00000	-3.00000	0.015597	-3.3442	-30.497E-6	-0.017119	0.0
	-3.00000	25.00000	-3.00000	0.016143	-3.3442	-34.233E-6	-0.018341	0.0
	-2.00000	25.00000	-3.00000	0.016676	-3.3442	-38.439E-6	-0.019646	0.0
	-1.00000	25.00000	-3.00000	0.017193	-3.3442	-43.164E-6	-0.021036	0.0
	0.00000	25.00000	-3.00000	0.017688	-3.3442	-48.462E-6	-0.022510	0.0
	1.00000	25.00000	-3.00000	0.018155	-3.3442	-54.384E-6	-0.024066	0.0
	2.00000	25.00000	-3.00000	0.018590	-3.3442	-60.979E-6	-0.025700	0.0
	3.00000	25.00000	-3.00000	0.018987	-3.3442	-68.292E-6	-0.027407	0.0
	4.00000	25.00000	-3.00000	0.019344	-3.3442	-76.357E-6	-0.029176	0.0
	5.00000	25.00000	-3.00000	0.019656	-3.3442	-85.194E-6	-0.030995	0.0
	6.00000	25.00000	-3.00000	0.019922	-3.3442	-94.803E-6	-0.032846	0.0
	7.00000	25.00000	-3.00000	0.020142	-3.3442	-105.16E-6	-0.034711	0.0
	8.00000	25.00000	-3.00000	0.020317	-3.3442	-116.20E-6	-0.036562	0.0
	9.00000	25.00000	-3.00000	0.020450	-3.3442	-127.82E-6	-0.038374	0.0
	10.00000	25.00000	-3.00000	0.020545	-3.3442	-139.88E-6	-0.040112	0.0
	11.00000	25.00000	-3.00000	0.020606	-3.3442	-152.17E-6	-0.041744	0.0
	12.00000	25.00000	-3.00000	0.020641	-3.3442	-164.45E-6	-0.043234	0.0
	13.00000	25.00000	-3.00000	0.020656	-3.3442	-176.42E-6	-0.044546	0.0
	14.00000	25.00000	-3.00000	0.020657	-3.3442	-187.73E-6	-0.045647	0.0
	15.00000	25.00000	-3.00000	0.020649	-3.3442	-198.03E-6	-0.046508	0.0
	16.00000	25.00000	-3.00000	0.020637	-3.3442	-206.95E-6	-0.047103	0.0
	17.00000	25.00000	-3.00000	0.020622	-3.3442	-214.14E-6	-0.047416	0.0
	18.00000	25.00000	-3.00000	0.020605	-3.3442	-219.31E-6	-0.047436	0.0
	19.00000	25.00000	-3.00000	0.020584	-3.3442	-222.24E-6	-0.047164	0.0
	20.00000	25.00000	-3.00000	0.020556	-3.3442	-222.78E-6	-0.046607	0.0
	21.00000	25.00000	-3.00000	0.020515	-3.3442	-220.92E-6	-0.045782	0.0
	22.00000	25.00000	-3.00000	0.020457	-3.3442	-216.74E-6	-0.044711	0.0
	23.00000	25.00000	-3.00000	0.020374	-3.3442	-210.42E-6	-0.043425	0.0
	24.00000	25.00000	-3.00000	0.020262	-3.3442	-202.23E-6	-0.041956	0.0
	25.00000	25.00000	-3.00000	0.020115	-3.3442	-192.50E-6	-0.040340	0.0
	26.00000	25.00000	-3.00000	0.019928	-3.3442	-181.59E-6	-0.038613	0.0
	27.00000	25.00000	-3.00000	0.019700	-3.3442	-169.88E-6	-0.036809	0.0
	28.00000	25.00000	-3.00000	0.019429	-3.3442	-157.70E-6	-0.034960	0.0
	29.00000	25.00000	-3.00000	0.019114	-3.3442	-145.39E-6	-0.033095	0.0
	30.00000	25.00000	-3.00000	0.018758	-3.3442	-133.21E-6	-0.031240	0.0
	31.00000	25.00000	-3.00000	0.018364	-3.3442	-121.38E-6	-0.029416	0.0
	32.00000	25.00000	-3.00000	0.017934	-3.3442	-110.09E-6	-0.027640	0.0
	33.00000	25.00000	-3.00000	0.017473	-3.3442	-99.438E-6	-0.025925	0.0
	34.00000	25.00000	-3.00000	0.016987	-3.3442	-89.511E-6	-0.024281	0.0
	35.00000	25.00000	-3.00000	0.016479	-3.3442	-80.347E-6	-0.022716	0.0
	36.00000	25.00000	-3.00000	0.015955	-3.3442	-71.956E-6	-0.021232	0.0
	37.00000	25.00000	-3.00000	0.015420	-3.3442	-64.325E-6	-0.019832	0.0
	38.00000	25.00000	-3.00000	0.014878	-3.3442	-57.425E-6	-0.018516	0.0
	39.00000	25.00000	-3.00000	0.014333	-3.3442	-51.216E-6	-0.017284	0.0
	40.00000	25.00000	-3.00000	0.013790	-3.3442	-45.650E-6	-0.016132	0.0
	41.00000	25.00000	-3.00000	0.013251	-3.3442	-40.676E-6	-0.015058	0.0
	42.00000	25.00000	-3.00000	0.012720	-3.3442	-36.242E-6	-0.014058	0.0
	43.00000	25.00000	-3.00000	0.012198	-3.3442	-32.298E-6	-0.013129	0.0
	44.00000	25.00000	-3.00000	0.011688	-3.3442	-28.795E-6	-0.012266	0.0
	45.00000	25.00000	-3.00000	0.011192	-3.3442	-25.686E-6	-0.011465	0.0
	-10.00000	26.00000	-3.00000	0.011877	-3.3442	-14.280E-6	-0.010755	0.0
	-9.00000	26.00000	-3.00000	0.012381	-3.3442	-15.892E-6	-0.011478	0.0
	-8.00000	26.00000	-3.00000	0.012895	-3.3442	-17.703E-6	-0.012255	0.0
	-7.00000	26.00000	-3.00000	0.013416	-3.3442	-19.735E-6	-0.013087	0.0
	-6.00000	26.00000	-3.00000	0.013943	-3.3442	-22.016E-6	-0.013979	0.0
	-5.00000	26.00000	-3.00000	0.014472	-3.3442	-24.576E-6	-0.014933	0.0
	-4.00000	26.00000	-3.00000	0.015000	-3.3442	-27.444E-6	-0.015950	0.0
	-3.00000	26.00000	-3.00000	0.015524	-3.3442	-30.656E-6	-0.017034	0.0
	-2.00000	26.00000	-3.00000	0.016039	-3.3442	-34.246E-6	-0.018185	0.0
	-1.00000	26.00000	-3.00000	0.016541	-3.3442	-38.250E-6	-0.019403	0.0
	0.00000	26.00000	-3.00000	0.017026	-3.3442	-42.704E-6	-0.020687	0.0
	1.00000	26.00000	-3.00000	0.017489	-3.3442	-47.643E-6	-0.022035	0.0
	2.00000	26.00000	-3.00000	0.017926	-3.3442	-53.098E-6	-0.023442	0.0
	3.00000	26.00000	-3.00000	0.018333	-3.3442	-59.095E-6	-0.024902	0.0
	4.00000	26.00000	-3.00000	0.018707	-3.3442	-65.650E-6	-0.026406	0.0
	5.00000	26.00000	-3.00000	0.019045	-3.3442	-72.768E-6	-0.027942	0.0
	6.00000	26.00000	-3.00000	0.019344	-3.3442	-80.437E-6	-0.029496	0.0
	7.00000	26.00000	-3.00000	0.019603	-3.3442	-88.623E-6	-0.031050	0.0
	8.00000	26.00000	-3.00000	0.019824	-3.3442	-97.269E-6	-0.032585	0.0
	9.00000	26.00000	-3.00000	0.020006	-3.3442	-106.29E-6	-0.034077	0.0
	10.00000	26.00000	-3.00000	0.020153	-3.3442	-115.56E-6	-0.035502	0.0
	11.00000	26.00000	-3.00000	0.020266	-3.3442	-124.92E-6	-0.036832	0.0
	12.00000	26.00000	-3.00000	0.020351	-3.3442	-134.20E-6	-0.038041	0.0
	13.00000	26.00000	-3.00000	0.020409	-3.3442	-143.16E-6	-0.039101	0.0
	14.00000	26.00000	-3.00000	0.020446	-3.3442	-151.58E-6	-0.039987	0.0
	15.00000	26.00000	-3.00000	0.020464	-3.3442	-159.19E-6	-0.040678	0.0
	16.00000	26.00000	-3.00000	0.020466	-3.3442	-165.75E-6	-0.041156	0.0
	17.00000	26.00000	-3.00000	0.020453	-3.3442	-171.01E-6	-0.041406	0.0
	18.00000	26.00000	-3.00000	0.020426	-3.3442	-174.78E-6	-0.041423	0.0
	19.00000	26.00000	-3.00000	0.020383	-3.3442	-176.91E-6	-0.041205	0.0
	20.00000	26.00000	-3.00000	0.020322	-3.3442	-177.31E-6	-0.040760	0.0
	21.00000	26.00000	-3.00000	0.020242	-3.3442	-175.97E-6	-0.040098	0.0
	22.00000	26.00000	-3.00000	0.020138	-3.3442	-172.93E-6	-0.039237	0.0
	23.00000	26.00000	-3.00000	0.020006	-3.3442	-168.33E-6	-0.038199	0.0
	24.00000	26.00000	-3.00000	0.019844	-3.3442	-162.33E-6	-0.037008	0.0
	25.00000	26.00000	-3.00000	0.019649	-3.3442	-155.17E-6	-0.035693	0.0
	26.00000	26.00000	-3.00000	0.019419	-3.3442	-147.09E-6	-0.034279	0.0
	27.00000	26.00000	-3.00000	0.019151	-3.3442	-138.35E-6	-0.032793	0.0
	28.00000	26.00000	-3.00000	0.018848	-3.3442	-129.19E-6	-0.031262	0.0
	29.00000	26.00000	-3.00000	0.018508	-3.3442	-119.84E-6	-0.029709	0.0
	30.00000	26.00000	-3.00000	0.018134	-3.3442	-110.52E-6	-0.028154	0.0
	31.00000	26.00000	-3.00000	0.017729	-3.3442	-101.38E-6	-0.026614	0.0
	32.00000	26.00000	-3.00000	0.017295	-3.3442	-92.564E-6	-0.025106	0.0
	33.00000	26.00000	-3.00000	0.016837	-3.3442	-84.175E-6	-0.023640	0.0
	34.00000	26.00000	-3.00000	0.016359	-3.3442	-76.281E-6	-0.022226	0.0
	35.00000	26.00000	-3.00000	0.015864	-3.3442	-68.925E-6	-0.020870	0.0
	36.00000	26.00000	-3.00000	0.015357	-3.3442	-62.126E-6	-0.019578	0.0
	37.00000	26.00000	-3.00000	0.014842	-3.3442	-55.888E-6	-0.018351	0.0
	38.00000	26.00000	-3.00000	0.014323	-3.3442	-50.198E-6	-0.017192	0.0
	39.00000	26.00000	-3.00000	0.013803	-3.3442	-45.033E-6	-0.016100	0.0
	40.00000	26.00000	-3.00000	0.013285	-3.3442	-40.367E-6	-0.015074	0.0
	41.00000	26.00000	-3.00000	0.012772	-3.3442	-36.164E-6	-0.014112	0.0
	42.00000	26.00000	-3.00000	0.012267	-3.3442	-32.390E-6	-0.013213	0.0
	43.00000	26.00000	-3.00000	0.011771	-3.3442	-29.008E-6	-0.012373	0.0
	44.00000	26.00000	-3.00000	0.011287	-3.3442	-25.984E-6	-0.011589	0.0
	45.00000	26.00000	-3.00000	0.010816	-3.3442	-23.283E-6	-0.010859	0.0
	-10.00000	27.00000	-3.00000	0.011444	-3.3442	-13.160E-6	-0.010186	0.0
	-9.00000	27.00000	-3.00000	0.011921	-3.3442	-14.594E-6	-0.010845	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 [-]
	-8.00000	27.00000	-3.00000	0.012407	-3.3442	-16.197E-6	-0.011550	0.0
	-7.00000	27.00000	-3.00000	0.012901	-3.3442	-17.986E-6	-0.012302	0.0
	-6.00000	27.00000	-3.00000	0.013400	-3.3442	-19.984E-6	-0.013105	0.0
	-5.00000	27.00000	-3.00000	0.013902	-3.3442	-22.211E-6	-0.013959	0.0
	-4.00000	27.00000	-3.00000	0.014405	-3.3442	-24.693E-6	-0.014866	0.0
	-3.00000	27.00000	-3.00000	0.014904	-3.3442	-27.454E-6	-0.015827	0.0
	-2.00000	27.00000	-3.00000	0.015397	-3.3442	-30.518E-6	-0.016843	0.0
	-1.00000	27.00000	-3.00000	0.015880	-3.3442	-33.913E-6	-0.017912	0.0
	0.00000	27.00000	-3.00000	0.016350	-3.3442	-37.662E-6	-0.019033	0.0
	1.00000	27.00000	-3.00000	0.016801	-3.3442	-41.787E-6	-0.020203	0.0
	2.00000	27.00000	-3.00000	0.017232	-3.3442	-46.308E-6	-0.021417	0.0
	3.00000	27.00000	-3.00000	0.017638	-3.3442	-51.238E-6	-0.022670	0.0
	4.00000	27.00000	-3.00000	0.018016	-3.3442	-56.583E-6	-0.023952	0.0
	5.00000	27.00000	-3.00000	0.018364	-3.3442	-62.337E-6	-0.025255	0.0
	6.00000	27.00000	-3.00000	0.018679	-3.3442	-68.484E-6	-0.026565	0.0
	7.00000	27.00000	-3.00000	0.018960	-3.3442	-74.990E-6	-0.027867	0.0
	8.00000	27.00000	-3.00000	0.019206	-3.3442	-81.802E-6	-0.029147	0.0
	9.00000	27.00000	-3.00000	0.019417	-3.3442	-88.847E-6	-0.030384	0.0
	10.00000	27.00000	-3.00000	0.019595	-3.3442	-96.029E-6	-0.031559	0.0
	11.00000	27.00000	-3.00000	0.019739	-3.3442	-103.23E-6	-0.032652	0.0
	12.00000	27.00000	-3.00000	0.019854	-3.3442	-110.30E-6	-0.033640	0.0
	13.00000	27.00000	-3.00000	0.019939	-3.3442	-117.09E-6	-0.034504	0.0
	14.00000	27.00000	-3.00000	0.019998	-3.3442	-123.42E-6	-0.035224	0.0
	15.00000	27.00000	-3.00000	0.020033	-3.3442	-129.12E-6	-0.035784	0.0
	16.00000	27.00000	-3.00000	0.020044	-3.3442	-134.00E-6	-0.036170	0.0
	17.00000	27.00000	-3.00000	0.020033	-3.3442	-137.90E-6	-0.036372	0.0
	18.00000	27.00000	-3.00000	0.020000	-3.3442	-140.69E-6	-0.036386	0.0
	19.00000	27.00000	-3.00000	0.019944	-3.3442	-142.26E-6	-0.036211	0.0
	20.00000	27.00000	-3.00000	0.019865	-3.3442	-142.56E-6	-0.035850	0.0
	21.00000	27.00000	-3.00000	0.019760	-3.3442	-141.58E-6	-0.035315	0.0
	22.00000	27.00000	-3.00000	0.019629	-3.3442	-139.34E-6	-0.034616	0.0
	23.00000	27.00000	-3.00000	0.019468	-3.3442	-135.94E-6	-0.033771	0.0
	24.00000	27.00000	-3.00000	0.019278	-3.3442	-131.49E-6	-0.032799	0.0
	25.00000	27.00000	-3.00000	0.019055	-3.3442	-126.16E-6	-0.031719	0.0
	26.00000	27.00000	-3.00000	0.018800	-3.3442	-120.10E-6	-0.030554	0.0
	27.00000	27.00000	-3.00000	0.018513	-3.3442	-113.50E-6	-0.029324	0.0
	28.00000	27.00000	-3.00000	0.018193	-3.3442	-106.54E-6	-0.028049	0.0
	29.00000	27.00000	-3.00000	0.017844	-3.3442	-99.385E-6	-0.026748	0.0
	30.00000	27.00000	-3.00000	0.017465	-3.3442	-92.187E-6	-0.025437	0.0
	31.00000	27.00000	-3.00000	0.017060	-3.3442	-85.074E-6	-0.024133	0.0
	32.00000	27.00000	-3.00000	0.016632	-3.3442	-78.153E-6	-0.022847	0.0
	33.00000	27.00000	-3.00000	0.016184	-3.3442	-71.509E-6	-0.021590	0.0
	34.00000	27.00000	-3.00000	0.015720	-3.3442	-65.202E-6	-0.020371	0.0
	35.00000	27.00000	-3.00000	0.015243	-3.3442	-59.274E-6	-0.019195	0.0
	36.00000	27.00000	-3.00000	0.014757	-3.3442	-53.749E-6	-0.018068	0.0
	37.00000	27.00000	-3.00000	0.014264	-3.3442	-48.636E-6	-0.016992	0.0
	38.00000	27.00000	-3.00000	0.013769	-3.3442	-43.934E-6	-0.015969	0.0
	39.00000	27.00000	-3.00000	0.013275	-3.3442	-39.633E-6	-0.015001	0.0
	40.00000	27.00000	-3.00000	0.012783	-3.3442	-35.716E-6	-0.014087	0.0
	41.00000	27.00000	-3.00000	0.012296	-3.3442	-32.162E-6	-0.013226	0.0
	42.00000	27.00000	-3.00000	0.011818	-3.3442	-28.948E-6	-0.012417	0.0
	43.00000	27.00000	-3.00000	0.011348	-3.3442	-26.049E-6	-0.011658	0.0
	44.00000	27.00000	-3.00000	0.010889	-3.3442	-23.440E-6	-0.010947	0.0
	45.00000	27.00000	-3.00000	0.010442	-3.3442	-21.095E-6	-0.010281	0.0
	-10.00000	28.00000	-3.00000	0.011017	-3.3442	-12.119E-6	-0.0096434	0.0
	-9.00000	28.00000	-3.00000	0.011468	-3.3442	-13.393E-6	-0.010244	0.0
	-8.00000	28.00000	-3.00000	0.011927	-3.3442	-14.810E-6	-0.010884	0.0
	-7.00000	28.00000	-3.00000	0.012393	-3.3442	-16.385E-6	-0.011564	0.0
	-6.00000	28.00000	-3.00000	0.012864	-3.3442	-18.133E-6	-0.012286	0.0
	-5.00000	28.00000	-3.00000	0.013339	-3.3442	-20.071E-6	-0.013051	0.0
	-4.00000	28.00000	-3.00000	0.013815	-3.3442	-22.218E-6	-0.013861	0.0
	-3.00000	28.00000	-3.00000	0.014289	-3.3442	-24.591E-6	-0.014714	0.0
	-2.00000	28.00000	-3.00000	0.014758	-3.3442	-27.209E-6	-0.015611	0.0
	-1.00000	28.00000	-3.00000	0.015219	-3.3442	-30.089E-6	-0.016551	0.0
	0.00000	28.00000	-3.00000	0.015669	-3.3442	-33.248E-6	-0.017531	0.0
	1.00000	28.00000	-3.00000	0.016105	-3.3442	-36.700E-6	-0.018549	0.0
	2.00000	28.00000	-3.00000	0.016522	-3.3442	-40.455E-6	-0.019599	0.0
	3.00000	28.00000	-3.00000	0.016920	-3.3442	-44.518E-6	-0.020677	0.0
	4.00000	28.00000	-3.00000	0.017293	-3.3442	-48.890E-6	-0.021775	0.0
	5.00000	28.00000	-3.00000	0.017640	-3.3442	-53.560E-6	-0.022883	0.0
	6.00000	28.00000	-3.00000	0.017959	-3.3442	-58.510E-6	-0.023992	0.0
	7.00000	28.00000	-3.00000	0.018248	-3.3442	-63.707E-6	-0.025090	0.0
	8.00000	28.00000	-3.00000	0.018505	-3.3442	-69.107E-6	-0.026162	0.0
	9.00000	28.00000	-3.00000	0.018731	-3.3442	-74.648E-6	-0.027194	0.0
	10.00000	28.00000	-3.00000	0.018924	-3.3442	-80.254E-6	-0.028170	0.0
	11.00000	28.00000	-3.00000	0.019086	-3.3442	-85.833E-6	-0.029073	0.0
	12.00000	28.00000	-3.00000	0.019218	-3.3442	-91.278E-6	-0.029887	0.0
	13.00000	28.00000	-3.00000	0.019319	-3.3442	-96.471E-6	-0.030597	0.0
	14.00000	28.00000	-3.00000	0.019391	-3.3442	-101.28E-6	-0.031186	0.0
	15.00000	28.00000	-3.00000	0.019435	-3.3442	-105.59E-6	-0.031644	0.0
	16.00000	28.00000	-3.00000	0.019453	-3.3442	-109.27E-6	-0.031959	0.0
	17.00000	28.00000	-3.00000	0.019443	-3.3442	-112.20E-6	-0.032124	0.0
	18.00000	28.00000	-3.00000	0.019407	-3.3442	-114.28E-6	-0.032135	0.0
	19.00000	28.00000	-3.00000	0.019345	-3.3442	-115.46E-6	-0.031992	0.0
	20.00000	28.00000	-3.00000	0.019255	-3.3442	-115.69E-6	-0.031699	0.0
	21.00000	28.00000	-3.00000	0.019137	-3.3442	-114.96E-6	-0.031262	0.0
	22.00000	28.00000	-3.00000	0.018991	-3.3442	-113.29E-6	-0.030690	0.0
	23.00000	28.00000	-3.00000	0.018816	-3.3442	-110.74E-6	-0.029997	0.0
	24.00000	28.00000	-3.00000	0.018611	-3.3442	-107.41E-6	-0.029197	0.0
	25.00000	28.00000	-3.00000	0.018375	-3.3442	-103.38E-6	-0.028305	0.0
	26.00000	28.00000	-3.00000	0.018110	-3.3442	-98.793E-6	-0.027338	0.0
	27.00000	28.00000	-3.00000	0.017815	-3.3442	-93.764E-6	-0.026313	0.0
	28.00000	28.00000	-3.00000	0.017493	-3.3442	-88.425E-6	-0.025245	0.0
	29.00000	28.00000	-3.00000	0.017143	-3.3442	-82.899E-6	-0.024150	0.0
	30.00000	28.00000	-3.00000	0.016769	-3.3442	-77.299E-6	-0.023041	0.0
	31.00000	28.00000	-3.00000	0.016372	-3.3442	-71.723E-6	-0.021932	0.0
	32.00000	28.00000	-3.00000	0.015957	-3.3442	-66.257E-6	-0.020832	0.0
	33.00000	28.00000	-3.00000	0.015524	-3.3442	-60.966E-6	-0.019751	0.0
	34.00000	28.00000	-3.00000	0.015078	-3.3442	-55.904E-6	-0.018697	0.0
	35.00000	28.00000	-3.00000	0.014622	-3.3442	-51.107E-6	-0.017675	0.0
	36.00000	28.00000	-3.00000	0.014158	-3.3442	-46.601E-6	-0.016689	0.0
	37.00000	28.00000	-3.00000	0.013691	-3.3442	-42.399E-6	-0.015744	0.0
	38.00000	28.00000	-3.00000	0.013221	-3.3442	-38.506E-6	-0.014842	0.0
	39.00000	28.00000	-3.00000	0.012752	-3.3442	-34.917E-6	-0.013982	0.0
	40.00000	28.00000	-3.00000	0.012287	-3.3442	-31.626E-6	-0.013167	0.0
	41.00000	28.00000	-3.00000	0.011827	-3.3442	-28.618E-6	-0.012396	0.0
	42.00000	28.00000	-3.00000	0.011374	-3.3442	-25.880E-6	-0.011668	0.0
	43.00000	28.00000	-3.00000	0.010930	-3.3442	-23.394E-6	-0.010982	0.0
	44.00000	28.00000	-3.00000	0.010496	-3.3442	-21.142E-6	-0.010337	0.0
	45.00000	28.00000	-3.00000	0.010073	-3.3442	-19.107E-6	-0.0097317	0.0
	-10.00000	29.00000	-3.00000	0.010598	-3.3442	-11.153E-6	-0.0091284	0.0
	-9.00000	29.00000	-3.00000	0.011023	-3.3442	-12.285E-6	-0.0096755	0.0
	-8.00000	29.00000	-3.00000	0.011455	-3.3442	-13.537E-6	-0.010256	0.0
	-7.00000	29.00000	-3.00000	0.011894	-3.3442	-14.922E-6	-0.010871	0.0
	-6.00000	29.00000	-3.00000	0.012339	-3.3442	-16.451E-6	-0.011521	0.0
	-5.00000	29.00000	-3.00000	0.012786	-3.3442	-18.138E-6	-0.012207	0.0
	-4.00000	29.00000	-3.00000	0.013235	-3.3442	-19.995E-6	-0.012929	0.0
	-3.00000	29.00000	-3.00000	0.013682	-3.3442	-22.036E-6	-0.013688	0.0
	-2.00000	29.00000	-3.00000	0.014126	-3.3442	-24.274E-6	-0.014481	0.0
	-1.00000	29.00000	-3.00000	0.014564	-3.3442	-26.720E-6	-0.015308	0.0
	0.00000	29.00000	-3.00000	0.014992	-3.3442	-29.386E-6	-0.016167	0.0
	1.00000	29.00000	-3.00000	0.015407	-3.3442	-32.279E-6	-0.017054	0.0
	2.00000	29.00000	-3.00000	0.015808	-3.3442	-35.405E-6	-0.017965	0.0
	3.00000	29.00000	-3.00000	0.016191	-3.3442	-38.764E-6	-0.018895	0.0
	4.00000	29.00000	-3.00000	0.016554	-3.3442	-42.352E-6	-0.019838	0.0
	5.00000	29.00000	-3.00000	0.016893	-3.3442	-46.157E-6	-0.020785	0.0
	6.00000	29.00000	-3.00000	0.017208	-3.3442	-50.160E-6	-0.021729	0.0
	7.00000	29.00000	-3.00000	0.017495	-3.3442	-54.334E-6	-0.022657	0.0
	8.00000	29.00000	-3.00000	0.017754	-3.3442	-58.639E-6	-0.023561	0.0
	9.00000	29.00000	-3.00000	0.017984	-3.3442	-63.025E-6	-0.024426	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 [-]
	10.00000	29.00000	-3.00000	0.018184	-3.3442	-67.433E-6	-0.025242	0.0
	11.00000	29.00000	-3.00000	0.018353	-3.3442	-71.791E-6	-0.025993	0.0
	12.00000	29.00000	-3.00000	0.018492	-3.3442	-76.018E-6	-0.026669	0.0
	13.00000	29.00000	-3.00000	0.018601	-3.3442	-80.025E-6	-0.027255	0.0
	14.00000	29.00000	-3.00000	0.018680	-3.3442	-83.722E-6	-0.027742	0.0
	15.00000	29.00000	-3.00000	0.018730	-3.3442	-87.014E-6	-0.028119	0.0
	16.00000	29.00000	-3.00000	0.018750	-3.3442	-89.811E-6	-0.028378	0.0
	17.00000	29.00000	-3.00000	0.018742	-3.3442	-92.035E-6	-0.028513	0.0
	18.00000	29.00000	-3.00000	0.018706	-3.3442	-93.618E-6	-0.028523	0.0
	19.00000	29.00000	-3.00000	0.018640	-3.3442	-94.510E-6	-0.028406	0.0
	20.00000	29.00000	-3.00000	0.018546	-3.3442	-94.683E-6	-0.028165	0.0
	21.00000	29.00000	-3.00000	0.018423	-3.3442	-94.132E-6	-0.027805	0.0
	22.00000	29.00000	-3.00000	0.018271	-3.3442	-92.873E-6	-0.027334	0.0
	23.00000	29.00000	-3.00000	0.018091	-3.3442	-90.948E-6	-0.026761	0.0
	24.00000	29.00000	-3.00000	0.017881	-3.3442	-88.414E-6	-0.026097	0.0
	25.00000	29.00000	-3.00000	0.017642	-3.3442	-85.348E-6	-0.025356	0.0
	26.00000	29.00000	-3.00000	0.017376	-3.3442	-81.834E-6	-0.024549	0.0
	27.00000	29.00000	-3.00000	0.017084	-3.3442	-77.964E-6	-0.023689	0.0
	28.00000	29.00000	-3.00000	0.016765	-3.3442	-73.833E-6	-0.022790	0.0
	29.00000	29.00000	-3.00000	0.016423	-3.3442	-69.530E-6	-0.021864	0.0
	30.00000	29.00000	-3.00000	0.016060	-3.3442	-65.141E-6	-0.020922	0.0
	31.00000	29.00000	-3.00000	0.015677	-3.3442	-60.741E-6	-0.019975	0.0
	32.00000	29.00000	-3.00000	0.015278	-3.3442	-56.397E-6	-0.019031	0.0
	33.00000	29.00000	-3.00000	0.014865	-3.3442	-52.161E-6	-0.018099	0.0
	34.00000	29.00000	-3.00000	0.014440	-3.3442	-48.079E-6	-0.017185	0.0
	35.00000	29.00000	-3.00000	0.014006	-3.3442	-44.183E-6	-0.016294	0.0
	36.00000	29.00000	-3.00000	0.013567	-3.3442	-40.496E-6	-0.015432	0.0
	37.00000	29.00000	-3.00000	0.013124	-3.3442	-37.032E-6	-0.014600	0.0
	38.00000	29.00000	-3.00000	0.012681	-3.3442	-33.800E-6	-0.013802	0.0
	39.00000	29.00000	-3.00000	0.012238	-3.3442	-30.801E-6	-0.013039	0.0
	40.00000	29.00000	-3.00000	0.011799	-3.3442	-28.030E-6	-0.012312	0.0
	41.00000	29.00000	-3.00000	0.011365	-3.3442	-25.483E-6	-0.011621	0.0
	42.00000	29.00000	-3.00000	0.010938	-3.3442	-23.148E-6	-0.010966	0.0
	43.00000	29.00000	-3.00000	0.010519	-3.3442	-21.015E-6	-0.010346	0.0
	44.00000	29.00000	-3.00000	0.010110	-3.3442	-19.072E-6	-0.0097613	0.0
	45.00000	29.00000	-3.00000	0.0097103	-3.3442	-17.304E-6	-0.0092097	0.0
	-10.00000	30.00000	-3.00000	0.010588	-3.3442	-10.259E-6	-0.0086401	0.0
	-9.00000	30.00000	-3.00000	0.010587	-3.3442	-11.264E-6	-0.0091384	0.0
	-8.00000	30.00000	-3.00000	0.010994	-3.3442	-12.371E-6	-0.0096651	0.0
	-7.00000	30.00000	-3.00000	0.011407	-3.3442	-13.588E-6	-0.010221	0.0
	-6.00000	30.00000	-3.00000	0.011824	-3.3442	-14.926E-6	-0.010807	0.0
	-5.00000	30.00000	-3.00000	0.012245	-3.3442	-16.393E-6	-0.011422	0.0
	-4.00000	30.00000	-3.00000	0.012667	-3.3442	-18.001E-6	-0.012067	0.0
	-3.00000	30.00000	-3.00000	0.013088	-3.3442	-19.757E-6	-0.012742	0.0
	-2.00000	30.00000	-3.00000	0.013506	-3.3442	-21.672E-6	-0.013444	0.0
	-1.00000	30.00000	-3.00000	0.013919	-3.3442	-23.753E-6	-0.014174	0.0
	0.00000	30.00000	-3.00000	0.014323	-3.3442	-26.006E-6	-0.014927	0.0
	1.00000	30.00000	-3.00000	0.014717	-3.3442	-28.436E-6	-0.015702	0.0
	2.00000	30.00000	-3.00000	0.015098	-3.3442	-31.044E-6	-0.016495	0.0
	3.00000	30.00000	-3.00000	0.015464	-3.3442	-33.828E-6	-0.017300	0.0
	4.00000	30.00000	-3.00000	0.015811	-3.3442	-36.783E-6	-0.018112	0.0
	5.00000	30.00000	-3.00000	0.016138	-3.3442	-39.895E-6	-0.018925	0.0
	6.00000	30.00000	-3.00000	0.016443	-3.3442	-43.148E-6	-0.019730	0.0
	7.00000	30.00000	-3.00000	0.016723	-3.3442	-46.516E-6	-0.020520	0.0
	8.00000	30.00000	-3.00000	0.016977	-3.3442	-49.968E-6	-0.021285	0.0
	9.00000	30.00000	-3.00000	0.017204	-3.3442	-53.462E-6	-0.022015	0.0
	10.00000	30.00000	-3.00000	0.017403	-3.3442	-56.952E-6	-0.022700	0.0
	11.00000	30.00000	-3.00000	0.017573	-3.3442	-60.381E-6	-0.023329	0.0
	12.00000	30.00000	-3.00000	0.017714	-3.3442	-63.689E-6	-0.023893	0.0
	13.00000	30.00000	-3.00000	0.017825	-3.3442	-66.809E-6	-0.024381	0.0
	14.00000	30.00000	-3.00000	0.017907	-3.3442	-69.674E-6	-0.024786	0.0
	15.00000	30.00000	-3.00000	0.017959	-3.3442	-72.214E-6	-0.025098	0.0
	16.00000	30.00000	-3.00000	0.017981	-3.3442	-74.366E-6	-0.025312	0.0
	17.00000	30.00000	-3.00000	0.017974	-3.3442	-76.072E-6	-0.025425	0.0
	18.00000	30.00000	-3.00000	0.017938	-3.3442	-77.283E-6	-0.025433	0.0
	19.00000	30.00000	-3.00000	0.017873	-3.3442	-77.966E-6	-0.025336	0.0
	20.00000	30.00000	-3.00000	0.017778	-3.3442	-78.100E-6	-0.025136	0.0
	21.00000	30.00000	-3.00000	0.017655	-3.3442	-77.680E-6	-0.024838	0.0
	22.00000	30.00000	-3.00000	0.017503	-3.3442	-76.720E-6	-0.024447	0.0
	23.00000	30.00000	-3.00000	0.017323	-3.3442	-75.247E-6	-0.023971	0.0
	24.00000	30.00000	-3.00000	0.017116	-3.3442	-73.304E-6	-0.023417	0.0
	25.00000	30.00000	-3.00000	0.016881	-3.3442	-70.944E-6	-0.022797	0.0
	26.00000	30.00000	-3.00000	0.016621	-3.3442	-68.228E-6	-0.022119	0.0
	27.00000	30.00000	-3.00000	0.016336	-3.3442	-65.224E-6	-0.021395	0.0
	28.00000	30.00000	-3.00000	0.016028	-3.3442	-62.001E-6	-0.020634	0.0
	29.00000	30.00000	-3.00000	0.015698	-3.3442	-58.624E-6	-0.019848	0.0
	30.00000	30.00000	-3.00000	0.015350	-3.3442	-55.160E-6	-0.019044	0.0
	31.00000	30.00000	-3.00000	0.014984	-3.3442	-51.666E-6	-0.018232	0.0
	32.00000	30.00000	-3.00000	0.014604	-3.3442	-48.192E-6	-0.017419	0.0
	33.00000	30.00000	-3.00000	0.014212	-3.3442	-44.784E-6	-0.016613	0.0
	34.00000	30.00000	-3.00000	0.013810	-3.3442	-41.478E-6	-0.015818	0.0
	35.00000	30.00000	-3.00000	0.013401	-3.3442	-38.300E-6	-0.015041	0.0
	36.00000	30.00000	-3.00000	0.012986	-3.3442	-35.272E-6	-0.014284	0.0
	37.00000	30.00000	-3.00000	0.012569	-3.3442	-32.409E-6	-0.013551	0.0
	38.00000	30.00000	-3.00000	0.012151	-3.3442	-29.719E-6	-0.012845	0.0
	39.00000	30.00000	-3.00000	0.011735	-3.3442	-27.206E-6	-0.012166	0.0
	40.00000	30.00000	-3.00000	0.011322	-3.3442	-24.871E-6	-0.011517	0.0
	41.00000	30.00000	-3.00000	0.010914	-3.3442	-22.709E-6	-0.010897	0.0
	42.00000	30.00000	-3.00000	0.010511	-3.3442	-20.717E-6	-0.010308	0.0
	43.00000	30.00000	-3.00000	0.010117	-3.3442	-18.885E-6	-0.0097478	0.0
	44.00000	30.00000	-3.00000	0.0097308	-3.3442	-17.207E-6	-0.0092171	0.0
	45.00000	30.00000	-3.00000	0.0093541	-3.3442	-15.673E-6	-0.0087149	0.0
1) No 155 Frontage	0.00000	6.05000	-3.00000	0.010100	-3.3442	-343.98E-6	-0.093678	1.3715E-6
	0.00000	8.03333	-3.00000	0.012490	-3.3442	-313.20E-6	-0.086659	1.2690E-6
	0.00000	10.01667	-3.00000	0.015204	-3.3442	-273.04E-6	-0.077630	1.1371E-6
	0.00000	12.00000	-3.00000	0.017654	-3.3442	-229.53E-6	-0.067822	0.0
	0.00000	13.98333	-3.00000	0.019456	-3.3442	-187.50E-6	-0.058199	0.0
	0.00000	15.96667	-3.00000	0.020463	-3.3442	-149.95E-6	-0.049362	0.0
	0.00000	17.95000	-3.00000	0.020711	-3.3442	-118.19E-6	-0.041591	0.0
2) No 155 Far Elevation	0.05000	18.00000	-3.00000	0.020711	-3.3442	-118.44E-6	-0.041620	0.0
	1.89286	18.00000	-3.00000	0.020451	-3.3442	-161.27E-6	-0.050213	0.0
	3.73571	18.00000	-3.00000	0.019360	-3.3442	-221.11E-6	-0.060634	0.0
	5.57857	18.00000	-3.00000	0.017286	-3.3442	-304.33E-6	-0.073044	1.0678E-6
	7.42143	18.00000	-3.00000	0.014199	-3.3442	-418.48E-6	-0.087393	1.2752E-6
	9.26429	18.00000	-3.00000	0.010285	-3.3442	-570.91E-6	-0.10324	1.5029E-6
	11.10714	18.00000	-3.00000	0.0060131	-3.3442	-765.41E-6	-0.11955	1.7359E-6
	12.95000	18.00000	-3.00000	0.0021080	-3.3442	-996.48E-6	-0.13469	1.9498E-6
3) No 155 Far Elevation (Garden)	13.00000	18.00000	-3.00000	0.0020150	-3.3442	-0.0010031	-0.13507	1.9550E-6
	13.98750	18.00000	-3.00000	380.73E-6	-3.3442	-0.0011353	-0.14192	2.0505E-6
	14.97500	18.00000	-3.00000	-794.45E-6	-3.3442	-0.0012662	-0.14748	2.1270E-6
	15.96250	18.00000	-3.00000	-0.0014283	-3.3442	-0.0013883	-0.15145	2.1804E-6
	16.95000	18.00000	-3.00000	-0.0014767	-3.3442	-0.0014935	-0.15362	2.2078E-6
4) No 155 Rear Elevation (Garden)	17.00000	17.95000	-3.00000	-0.0019508	-3.3442	-0.0015240	-0.15527	2.2310E-6
	17.00000	15.96667	-3.00000	-0.030091	-3.3442	-0.0031525	-0.24163	3.4371E-6
	17.00000	13.98333	-3.00000	-0.085638	-3.3442	-0.0073804	-0.40684	5.6951E-6
	17.00000	12.00000	-3.00000	-0.19625	-3.3442	-0.020587	-0.76774	10.451E-6
	17.00000	10.01667	-3.00000	-0.42784	-3.3442	-0.075825	-1.7375	22.355E-6
	17.00000	8.03333	-3.00000	-0.97707	-3.3442	-0.51461	-5.5653	59.534E-6
	17.00000	6.05000	-3.00000	-2.9083	-3.3442	-18.952	-37.584	-285.30E-6
5) No 155 / 157 Party Wall (Garden)	16.95000	6.00000	-3.00000	-3.0046	-3.3442	-20.395	-39.370	-322.97E-6
	15.97500	6.00000	-3.00000	-3.0182	-3.3442	-19.266	-38.275	-289.01E-6
	15.00000	6.00000	-3.00000	-3.0767	-3.3442	-23.795	-49.765	-320.09E-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 [-]
	14.02500	6.00000	-3.00000	-2.9486	-3.3442	-28.257	-59.183	-378.81E-6
	13.05000	6.00000	-3.00000	-2.1163	-3.3442	-16.421	-35.386	-205.42E-6
6) No 155 / 157 Party Wall	12.95000	6.00000	-3.00000	-1.9278	-3.3442	-11.383	-29.286	-71.998E-6
	11.10714	6.00000	-3.00000	-0.73701	-3.3442	-0.054871	-2.8568	39.856E-6
	9.26429	6.00000	-3.00000	-0.35999	-3.3442	-0.011138	-1.0726	15.384E-6
	7.42143	6.00000	-3.00000	-0.17864	-3.3442	-0.0041191	-0.53905	7.7973E-6
	5.57857	6.00000	-3.00000	-0.083694	-3.3442	-0.0019104	-0.31238	4.5396E-6
	3.73571	6.00000	-3.00000	-0.032466	-3.3442	-0.0010045	-0.19802	2.8869E-6
	1.89286	6.00000	-3.00000	-0.0047962	-3.3442	-574.23E-6	-0.13371	1.9539E-6
	0.05000	6.00000	-3.00000	0.0097761	-3.3442	-349.02E-6	-0.094650	1.3857E-6
7) No 155 Rear Elevation	13.00000	6.05000	-3.00000	-1.9279	-3.3442	-11.391	-29.310	-72.009E-6
	13.00000	8.03333	-3.00000	-0.70037	-3.3442	-0.076967	-2.8443	38.689E-6
	13.00000	10.01667	-3.00000	-0.32976	-3.3442	-0.020212	-1.1062	15.479E-6
	13.00000	12.00000	-3.00000	-0.15655	-3.3442	-0.0079843	-0.56180	7.9623E-6
	13.00000	13.98333	-3.00000	-0.068342	-3.3442	-0.0036885	-0.32487	4.6456E-6
	13.00000	15.96667	-3.00000	-0.022275	-3.3442	-0.0018706	-0.20422	2.9402E-6
	13.00000	17.95000	-3.00000	0.0015984	-3.3442	-0.0010178	-0.13636	1.9735E-6
8) No 157 / 159 Party Wall	0.00000	0.00000	-3.00000	0.010033	-3.3442	-336.97E-6	-0.093026	1.3622E-6
	1.85000	0.00000	-3.00000	-0.0044000	-3.3442	-550.41E-6	-0.13118	1.9176E-6
	3.70000	0.00000	-3.00000	-0.031916	-3.3442	-951.88E-6	-0.19380	2.8268E-6
	5.55000	0.00000	-3.00000	-0.083033	-3.3442	-0.0017762	-0.30467	4.4315E-6
	7.40000	0.00000	-3.00000	-0.17808	-3.3442	-0.0037075	-0.52316	7.5802E-6
	9.25000	0.00000	-3.00000	-0.36023	-3.3442	-0.0095127	-1.0340	14.885E-6
	11.10000	0.00000	-3.00000	-0.74029	-3.3442	-0.045407	-2.7390	38.532E-6
	12.95000	0.00000	-3.00000	-1.9426	-3.3442	-11.275	-28.820	-74.106E-6
9) No 159 Lighwell / Rear Elevation	13.00000	-0.05000	-3.00000	-1.9431	-3.3442	-11.276	-28.824	-74.062E-6
	13.00000	-1.03333	-3.00000	-1.0850	-3.3442	-0.21641	-5.7334	75.266E-6
	13.00000	-2.01667	-3.00000	-0.71633	-3.3442	-0.047988	-2.6221	36.686E-6
	13.00000	-3.00000	-3.00000	-0.49033	-3.3442	-0.023348	-1.5445	21.828E-6
	13.00000	-3.98333	-3.00000	-0.34021	-3.3442	-0.014308	-1.0180	14.436E-6
	13.00000	-4.96667	-3.00000	-0.23640	-3.3442	-0.0094789	-0.71557	10.172E-6
	13.00000	-5.95000	-3.00000	-0.16295	-3.3442	-0.0064982	-0.52484	7.4812E-6
10) No 159 Rear Extension	12.95000	-3.00000	-3.00000	-0.48585	-3.3442	-0.022860	-1.5269	21.588E-6
	11.96250	-3.00000	-3.00000	-0.39560	-3.3442	-0.014850	-1.1895	16.950E-6
	10.97500	-3.00000	-3.00000	-0.30978	-3.3442	-0.0095511	-0.90361	12.953E-6
	9.98750	-3.00000	-3.00000	-0.23536	-3.3442	-0.0062386	-0.68413	9.8509E-6
	9.00000	-3.00000	-3.00000	-0.17424	-3.3442	-0.0041840	-0.52253	7.5497E-6
11) No 159 Rear Extension	9.00000	-2.95000	-3.00000	-0.17655	-3.3442	-0.0042350	-0.52811	7.6302E-6
	9.00000	-1.98333	-3.00000	-0.22409	-3.3442	-0.0053421	-0.64695	9.3402E-6
	9.00000	-1.01667	-3.00000	-0.27515	-3.3442	-0.0066732	-0.78312	11.297E-6
	9.00000	-0.05000	-3.00000	-0.32530	-3.3442	-0.0081360	-0.92498	13.332E-6
12) No 159 / 161 Party Wall	13.00000	-6.00000	-3.00000	-0.15983	-3.3442	-0.0063786	-0.51710	7.3719E-6
	11.14286	-6.00000	-3.00000	-0.11598	-3.3442	-0.0037459	-0.39797	5.7252E-6
	9.28571	-6.00000	-3.00000	-0.073161	-3.3442	-0.0021973	-0.29354	4.2480E-6
	7.42857	-6.00000	-3.00000	-0.038547	-3.3442	-0.0013104	-0.21347	3.1021E-6
	5.57143	-6.00000	-3.00000	-0.013766	-3.3442	-802.14E-6	-0.15589	2.2721E-6
	3.71429	-6.00000	-3.00000	0.0024748	-3.3442	-505.62E-6	-0.11534	1.6851E-6
	1.85714	-6.00000	-3.00000	0.012293	-3.3442	-328.10E-6	-0.086780	1.2701E-6
	0.00000	-6.00000	-3.00000	0.017663	-3.3442	-218.81E-6	-0.066438	0.0
13) No 159 Frontage	0.00000	-5.95000	-3.00000	0.017608	-3.3442	-219.88E-6	-0.066685	0.0
	0.00000	-4.96667	-3.00000	0.016440	-3.3442	-241.03E-6	-0.071578	1.0489E-6
	0.00000	-3.98333	-3.00000	0.015151	-3.3442	-262.30E-6	-0.076442	1.1200E-6
	0.00000	-3.00000	-3.00000	0.013799	-3.3442	-283.14E-6	-0.081153	1.1888E-6
	0.00000	-2.01667	-3.00000	0.012450	-3.3442	-302.90E-6	-0.085566	1.2533E-6
	0.00000	-1.03333	-3.00000	0.011185	-3.3442	-320.85E-6	-0.089526	1.3111E-6
	0.00000	-0.05000	-3.00000	0.010083	-3.3442	-336.26E-6	-0.092875	1.3600E-6
14) No 161 Frontage	0.00000	-6.05000	-3.00000	0.017718	-3.3442	-217.75E-6	-0.066190	0.0
	0.00000	-7.03333	-3.00000	0.018707	-3.3442	-197.26E-6	-0.061384	0.0
	0.00000	-8.01667	-3.00000	0.019507	-3.3442	-177.73E-6	-0.056737	0.0
	0.00000	-9.00000	-3.00000	0.020109	-3.3442	-159.38E-6	-0.052305	0.0
	0.00000	-9.98333	-3.00000	0.020512	-3.3442	-142.38E-6	-0.048123	0.0
	0.00000	-10.96667	-3.00000	0.020727	-3.3442	-126.77E-6	-0.044212	0.0
	0.00000	-11.95000	-3.00000	0.020767	-3.3442	-112.58E-6	-0.040580	0.0
15) No 161 / 163 Party Wall	0.00000	-12.00000	-3.00000	0.020765	-3.3442	-111.90E-6	-0.040403	0.0
	1.85714	-12.00000	-3.00000	0.020513	-3.3442	-151.63E-6	-0.048653	0.0
	3.71429	-12.00000	-3.00000	0.019410	-3.3442	-206.78E-6	-0.058617	0.0
	5.57143	-12.00000	-3.00000	0.017295	-3.3442	-283.00E-6	-0.070427	1.0300E-6
	7.42857	-12.00000	-3.00000	0.014130	-3.3442	-387.05E-6	-0.084003	1.2264E-6
	9.28571	-12.00000	-3.00000	0.010106	-3.3442	-525.79E-6	-0.098895	1.4407E-6
	11.14286	-12.00000	-3.00000	0.0057095	-3.3442	-703.53E-6	-0.11413	1.6583E-6
	13.00000	-12.00000	-3.00000	0.0017006	-3.3442	-917.10E-6	-0.12818	1.8568E-6
16) No 161 Lightwell / Rear Elevation	13.00000	-11.95000	-3.00000	0.0012761	-3.3442	-930.10E-6	-0.12938	1.8741E-6
	13.00000	-10.96667	-3.00000	-0.0087616	-3.3442	-0.0012349	-0.15647	2.2616E-6
	13.00000	-9.98333	-3.00000	-0.022771	-3.3442	-0.0016608	-0.19158	2.7624E-6
	13.00000	-9.00000	-3.00000	-0.042169	-3.3442	-0.0022638	-0.23791	3.4215E-6
	13.00000	-8.01667	-3.00000	-0.068920	-3.3442	-0.0031295	-0.30033	4.3071E-6
	13.00000	-7.03333	-3.00000	-0.10579	-3.3442	-0.0043908	-0.38656	5.5277E-6
	13.00000	-6.05000	-3.00000	-0.15676	-3.3442	-0.0062615	-0.50951	7.2648E-6
17) No 161 Rear Extension	9.00000	-11.95000	-3.00000	0.010527	-3.3442	-507.54E-6	-0.097307	1.4180E-6
	9.00000	-10.98333	-3.00000	0.0050601	-3.3442	-630.08E-6	-0.11353	1.6528E-6
	9.00000	-10.01667	-3.00000	-0.0023654	-3.3442	-785.45E-6	-0.13330	1.9385E-6
	9.00000	-9.05000	-3.00000	-0.012262	-3.3442	-982.69E-6	-0.15756	2.2888E-6
18) No 161 Rear Extension	9.00000	-9.00000	-3.00000	-0.012852	-3.3442	-994.23E-6	-0.15895	2.3090E-6
	9.98750	-9.00000	-3.00000	-0.020141	-3.3442	-0.0012264	-0.17793	2.5797E-6
	10.97500	-9.00000	-3.00000	-0.027677	-3.3442	-0.0015086	-0.19773	2.8603E-6
	11.96250	-9.00000	-3.00000	-0.035068	-3.3442	-0.0018463	-0.21770	3.1408E-6
	12.95000	-9.00000	-3.00000	-0.041850	-3.3442	-0.0022422	-0.23697	3.4086E-6
19) No 1 CR Garden Near Elevation	24.00000	7.00000	-3.00000	-0.27658	-3.3442	-0.17312	-1.4655	14.007E-6
	24.00000	5.14286	-3.00000	-0.37153	-3.3442	-0.32031	-2.0586	16.250E-6
	24.00000	3.28571	-3.00000	-0.41946	-3.3442	-0.39832	-2.3554	17.179E-6
	24.00000	1.42857	-3.00000	-0.39475	-3.3442	-0.35490	-2.1718	16.390E-6
	24.00000	-0.42857	-3.00000	-0.31062	-3.3442	-0.21637	-1.6190	14.359E-6
	24.00000	-2.28571	-3.00000	-0.20991	-3.3442	-0.091858	-1.0334	11.219E-6
	24.00000	-4.14286	-3.00000	-0.12634	-3.3442	-0.034239	-0.63087	7.8188E-6
	24.00000	-6.00000	-3.00000	-0.067502	-3.3442	-0.013409	-0.39440	5.2431E-6
20) No 1 CR Garden Rear Elevation	24.05000	-6.00000	-3.00000	-0.066498	-3.3442	-0.013242	-0.39126	5.2041E-6
	25.03750	-6.00000	-3.00000	-0.048073	-3.3442	-0.010188	-0.33268	4.4726E-6
	26.02500	-6.00000	-3.00000	-0.032402	-3.3442	-0.0076885	-0.28136	3.8238E-6
	27.01250	-6.00000	-3.00000	-0.019438	-3.3442	-0.0057449	-0.23749	3.2607E-6
	28.00000	-6.00000	-3.00000	-0.0089662	-3.3442	-0.0042794	-0.20058	2.7793E-6
	28.98750	-6.00000	-3.00000	-690.98E-6	-3.3442	-0.0031928	-0.16979	2.3718E-6
	29.97500	-6.00000	-3.00000	0.0057090	-3.3442	-0.0023932	-0.14423	2.0289E-6
	30.96250	-6.00000	-3.00000	0.010545	-3.3442	-0.0018055	-0.12303	1.7412E-6
	31.95000	-6.00000	-3.00000	0.014101	-3.3442	-0.0013726	-0.10543	1.4998E-6
21) No 1 CR Garden Far Elevation	32.00000	-6.00000	-3.00000	0.014252	-3.3442	-0.0013540	-0.10462	1.4887E-6
	32.00000	-5.00714	-3.00000	0.012342	-3.3442	-0.0016275	-0.11514	1.6322E-6
	32.00000	-4.01429	-3.00000	0.010254	-3.3442	-0.0019348	-0.12599	1.7792E-6
	32.00000	-3.02143	-3.00000	0.0080711	-3.3442	-0.0022679	-0.13687	1.9254E-6
	32.00000	-2.02857	-3.00000	0.0058997	-3.3442	-0.0026128	-0.14738	2.0657E-6

Name	Location X [m]	Location Y [m]	Z[Level] [mOD]	Displacement Z [mm]	Stresses Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	32.00000	-1.03571	-3.00000	0.0038633	-3.3442	-0.0029495	-0.15705	2.1941E-6
	32.00000	-0.04286	-3.00000	0.0020924	-3.3442	-0.0032533	-0.16540	2.3041E-6
	32.00000	0.95000	-3.00000	711.81E-6	-3.3442	-0.0034981	-0.17191	2.3897E-6
22) No 1 CR Garden Side Elevation	24.05000	7.00000	-3.00000	-0.27169	-3.3442	-0.16722	-1.4378	13.859E-6
	25.00000	7.00000	-3.00000	-0.19274	-3.3442	-0.088692	-1.0163	11.106E-6
	25.95000	7.00000	-3.00000	-0.13490	-3.3442	-0.049416	-0.73915	8.7478E-6
23) No 1 CR Near Elevation	26.00000	10.00000	-3.00000	-0.066111	-3.3442	-0.017023	-0.43013	5.6116E-6
	26.00000	9.00000	-3.00000	-0.086921	-3.3442	-0.024761	-0.51925	6.5873E-6
	26.00000	8.00000	-3.00000	-0.10943	-3.3442	-0.035182	-0.62022	7.6193E-6
	26.00000	7.00000	-3.00000	-0.13232	-3.3442	-0.047983	-0.72741	8.6376E-6
	26.00000	6.00000	-3.00000	-0.15368	-3.3442	-0.061771	-0.83080	9.5558E-6
	26.00000	5.00000	-3.00000	-0.17125	-3.3442	-0.074196	-0.91735	10.285E-6
	26.00000	4.00000	-3.00000	-0.18291	-3.3442	-0.082768	-0.97423	10.747E-6
	26.00000	3.00000	-3.00000	-0.18712	-3.3442	-0.085761	-0.99246	10.884E-6
	26.00000	2.00000	-3.00000	-0.18330	-3.3442	-0.082596	-0.96909	10.678E-6
	26.00000	1.00000	-3.00000	-0.17198	-3.3442	-0.073884	-0.90779	10.158E-6
24) No 1 CR Rear Elevation	26.05000	1.00000	-3.00000	-0.16856	-3.3442	-0.071461	-0.89141	10.023E-6
	27.03333	1.00000	-3.00000	-0.11249	-3.3442	-0.038394	-0.63522	7.6987E-6
	28.01667	1.00000	-3.00000	-0.072878	-3.3442	-0.021885	-0.46771	5.9520E-6
	29.00000	1.00000	-3.00000	-0.044651	-3.3442	-0.013120	-0.35394	4.6571E-6
	29.98333	1.00000	-3.00000	-0.024463	-3.3442	-0.0082124	-0.27414	3.6936E-6
	30.96667	1.00000	-3.00000	-0.010036	-3.3442	-0.0053343	-0.21657	2.9692E-6
	31.95000	1.00000	-3.00000	222.24E-6	-3.3442	-0.0035776	-0.17404	2.4176E-6
25) No 1 CR Far Elevation	32.00000	1.00000	-3.00000	654.61E-6	-3.3442	-0.0035084	-0.17218	2.3932E-6
	32.00000	2.00000	-3.00000	-209.07E-6	-3.3442	-0.0036666	-0.17635	2.4478E-6
	32.00000	3.00000	-3.00000	-498.19E-6	-3.3442	-0.0037231	-0.17792	2.4686E-6
	32.00000	4.00000	-3.00000	-189.37E-6	-3.3442	-0.0036720	-0.17680	2.4543E-6
	32.00000	5.00000	-3.00000	691.87E-6	-3.3442	-0.0035187	-0.17306	2.4057E-6
	32.00000	6.00000	-3.00000	0.0020748	-3.3442	-0.0032797	-0.16696	2.3261E-6
	32.00000	7.00000	-3.00000	0.0038534	-3.3442	-0.0029786	-0.15893	2.2205E-6
	32.00000	8.00000	-3.00000	0.0059005	-3.3442	-0.0026421	-0.14944	2.0951E-6
	32.00000	9.00000	-3.00000	0.0080826	-3.3442	-0.0022954	-0.13902	1.9562E-6
	32.00000	10.00000	-3.00000	0.010274	-3.3442	-0.0019594	-0.12815	1.8101E-6
26) No 1 CR Frontage	31.95000	10.00000	-3.00000	0.010043	-3.3442	-0.0019905	-0.12928	1.8255E-6
	30.96667	10.00000	-3.00000	0.0046130	-3.3442	-0.0027335	-0.15435	2.1636E-6
	29.98333	10.00000	-3.00000	-0.0028053	-3.3442	-0.0038107	-0.18582	2.5816E-6
	29.00000	10.00000	-3.00000	-0.012751	-3.3442	-0.0053950	-0.22565	3.1009E-6
	28.01667	10.00000	-3.00000	-0.025877	-3.3442	-0.0077560	-0.27642	3.7478E-6
	27.03333	10.00000	-3.00000	-0.042954	-3.3442	-0.011311	-0.34154	4.5538E-6
	26.05000	10.00000	-3.00000	-0.064852	-3.3442	-0.016686	-0.42528	5.5549E-6


Settlement Contours : Grid 1 at -3.0000m
40.00
30.00
20.00
10.00
.0
-10.00
-20.00
Y [m]
-20.00
.0
20.00
40.00
X [m]
-10.00
-9.000
-8.000
-7.000
-6.000
-5.000
-4.000
-3.000
-2.000
-1.000
0
-11.00
-1.00
0.00
Scale x 1:448 y 1:448
Contour Interval: 1mm

Analysis Options

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: -20.00 [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	Number of intermediate displacement levels	Youngs Modulus Top	Youngs Modulus Btm	Poissons ratio	Non-linear curve
	[mOD]		[kN/m²]	[kN/m²]		
1	0.0	1	7500.0	7500.0	0.20000	None
2	-1.0000	19	15000.	57750.	0.20000	None

Soil Zones

Zone	Name	X coordinates min	X coordinates max	Y coordinates min	Y coordinates max	Profile
		[m]	[m]	[m]	[m]	
1	Soil Zone 1	-10.00000	45.00000	-25.00000	30.00000	Soil Profile 1

Load Data

Load ref.	Name	Shape	Orientation of Plane	Centre of load (Global) X	Y	Z (level)	Load position: Angle of local x from	Width x or Radius	Length y	Polygon Coordinates	Rectangle tolerance	Number of rectangles	Load value: Normal (local z)	Tangential (local x)	Tangential (local y)
				[m]	[m]	[m]	[Degrees]	[m]	[m]	[m]	[%]		[kN/m²]	[kN/m²]	[kN/m²]
1	Basement Extension	Polygonal	Horizontal	N/A	N/A	-3.00000	N/A	N/A	N/A	(13,0) (18.5,0) (18.5,5) (15,5) (15,6) (13,6)	10.000	2	-55.000	N/A	N/A
2	Open-cut to -2.5	Polygonal	Horizontal	N/A	N/A	-2.50000	N/A	N/A	N/A	(18.5,0) (19,0) (19,6) (15,6) (15,5) (18.5,5)	10.000	2	-45.000	N/A	N/A
3	Open-cut to -2.0	Polygonal	Horizontal	N/A	N/A	-2.00000	N/A	N/A	N/A	(19,0) (19.5,0) (19.5,6) (19,6)	10.000	1	-35.000	N/A	N/A
4	Open-cut to -1.5	Polygonal	Horizontal	N/A	N/A	-1.50000	N/A	N/A	N/A	(19.5,0) (20,0) (20,6) (19.5,6)	10.000	1	-25.000	N/A	N/A
5	Open-cut to -1.0	Polygonal	Horizontal	N/A	N/A	-1.00000	N/A	N/A	N/A	(20,0) (20.5,0) (20.5,6) (20,6)	10.000	1	-17.000	N/A	N/A
6	Open-cut to -0.5	Polygonal	Horizontal	N/A	N/A	-0.50000	N/A	N/A	N/A	(20.5,0) (21,0) (21,6) (20.5,6)	10.000	1	-8.5000	N/A	N/A
7	Existing Basement	Polygonal	Horizontal	N/A	N/A	-3.00000	N/A	N/A	N/A	(0,0) (13,0) (13,6) (0,6)	10.000	1	0.0	N/A	N/A

Polygonal Loads' Rectangles

No.	Centre of load X	Centre of load Y	Angle of local x from global X	Width x	Depth y
	[m]	[m]	[Degrees]	[m]	[m]
Load 1 : Basement Extension					
(Edge 1 optimal)					
1	14.00000	3.00000	0.0	2.0000	6.0000
2	16.75000	2.50000	0.0	3.5000	5.0000
Load 2 : Open-cut to -2.5					
(Edge 1 optimal)					
1	18.75000	3.00000	0.0	0.50000	6.0000
2	16.75000	5.50000	0.0	3.5000	1.0000
Load 3 : Open-cut to -2.0					
(Edge 1 optimal)					
1	19.25000	3.00000	0.0	0.50000	6.0000
Load 4 : Open-cut to -1.5					
(Edge 1 optimal)					
1	19.75000	3.00000	0.0	0.50000	6.0000
Load 5 : Open-cut to -1.0					
(Edge 1 optimal)					
1	20.25000	3.00000	0.0	0.50000	6.0000
Load 6 : Open-cut to -0.5					
(Edge 1 optimal)					
1	20.75000	3.00000	0.0	0.50000	6.0000
Load 7 : Existing Basement					
(Edge 1 optimal)					
1	6.50000	3.00000	0.0	13.000	6.0000

Displacement Data

Ref.	Type	Name	Direction of Extrusion	Line/Line for extrusion: First point X	First point Y	First point Z(level)	Second point X	Second point Y	Second point Z(level)	No. of intrvls across extrusion/line	No. of intrvls along Extrusion Depth	No. of intrvls along extrusion	Calculate	Show Detailed results
				[m]	[m]	[m]	[m]	[m]	[m]		[m]			
1	Grid	Grid 1	Global X	-10.00000	-25.00000	-3.00000	N/A	30.00000	-3.00000	55	55.00000	55	Yes	No
2	Line	1) No 155 Frontage	N/A	0.00000	6.05000	-3.00000	0.00000	17.95000	-3.00000	6	N/A	N/A	Yes	No
3	Line	2) No 155 Far Elevation	N/A	0.05000	18.00000	-3.00000	12.95000	18.00000	-3.00000	7	N/A	N/A	Yes	No
4	Line	3) No 155 Far Elevation (Garden)	N/A	13.00000	18.00000	-3.00000	16.95000	18.00000	-3.00000	4	N/A	N/A	Yes	No
5	Line	4) No 155 Rear Elevation (Garden)	N/A	17.00000	17.95000	-3.00000	17.00000	6.05000	-3.00000	6	N/A	N/A	Yes	No
6	Line	5) No 155 / 157 Party Wall (Garden)	N/A	16.95000	6.00000	-3.00000	13.05000	6.00000	-3.00000	4	N/A	N/A	Yes	No
7	Line	6) No 155 / 157 Party Wall	N/A	12.95000	6.00000	-3.00000	0.05000	6.00000	-3.00000	7	N/A	N/A	Yes	No
8	Line	7) No 155 Rear Elevation	N/A	13.00000	6.05000	-3.00000	13.00000	17.95000	-3.00000	6	N/A	N/A	Yes	No
9	Line	8) No 157 / 159 Party Wall	N/A	0.00000	0.00000	-3.00000	12.95000	0.00000	-3.00000	7	N/A	N/A	Yes	No
10	Line	9) No 159 Lighwell / Rear Elevation	N/A	13.00000	-0.05000	-3.00000	13.00000	-5.95000	-3.00000	6	N/A	N/A	Yes	No
11	Line	10) No 159 Rear Extension	N/A	12.95000	-3.00000	-3.00000	9.00000	-3.00000	-3.00000	4	N/A	N/A	Yes	No
12	Line	11) No 159 Rear Extension	N/A	9.00000	-2.95000	-3.00000	9.00000	-0.05000	-3.00000	3	N/A	N/A	Yes	No
13	Line	12) No 159 / 161	N/A	13.00000	-6.00000	-3.00000	0.00000	-6.00000	-3.00000	7	N/A	N/A	Yes	No

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
14	Line	Party Wall 13) No 159 Frontage	N/A	0.00000	-5.95000	-3.00000	0.00000	-0.05000	-3.00000	6	N/A	N/A	Yes	No
15	Line	14) No 161 Frontage	N/A	0.00000	-6.05000	-3.00000	0.00000	-11.95000	-3.00000	6	N/A	N/A	Yes	No
16	Line	15) No 161 / 163 Party Wall	N/A	0.00000	-12.00000	-3.00000	13.00000	-12.00000	-3.00000	7	N/A	N/A	Yes	No
17	Line	16) No 161 Lightwell / Rear Elevation	N/A	13.00000	-11.95000	-3.00000	13.00000	-6.05000	-3.00000	6	N/A	N/A	Yes	No
18	Line	17) No 161 Rear Extension	N/A	9.00000	-11.95000	-3.00000	9.00000	-9.05000	-3.00000	3	N/A	N/A	Yes	No
19	Line	18) No 161 Rear Extension	N/A	9.00000	-9.00000	-3.00000	12.95000	-9.00000	-3.00000	4	N/A	N/A	Yes	No
20	Line	19) No 1 CR Garden Near Elevation	N/A	24.00000	7.00000	-3.00000	24.00000	-6.00000	-3.00000	7	N/A	N/A	Yes	No
21	Line	20) No 1 CR Garden Rear Elevation	N/A	24.05000	-6.00000	-3.00000	31.95000	-6.00000	-3.00000	8	N/A	N/A	Yes	No
22	Line	21) No 1 CR Garden Far Elevation	N/A	32.00000	-6.00000	-3.00000	32.00000	0.95000	-3.00000	7	N/A	N/A	Yes	No
23	Line	22) No 1 CR Garden Side Elevation	N/A	24.05000	7.00000	-3.00000	25.95000	7.00000	-3.00000	2	N/A	N/A	Yes	No
24	Line	23) No 1 CR Near Elevation	N/A	26.00000	10.00000	-3.00000	26.00000	1.00000	-3.00000	9	N/A	N/A	Yes	No
25	Line	24) No 1 CR Rear Elevation	N/A	26.05000	1.00000	-3.00000	31.95000	1.00000	-3.00000	6	N/A	N/A	Yes	No
26	Line	25) No 1 CR Far Elevation	N/A	32.00000	1.00000	-3.00000	32.00000	10.00000	-3.00000	9	N/A	N/A	Yes	No
27	Line	26) No 1 CR Frontage	N/A	31.95000	10.00000	-3.00000	26.05000	10.00000	-3.00000	6	N/A	N/A	Yes	No

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Horizontal rigid boundary level: -20.00 [m OD]

The maximum displacement difference between the Boussinesq method (-9.2980mm) and the Mindlin method (-9.0930mm) occurs at point X = 17.67308m, Y = 4.34615m, level = -2.5000mOD, and is 0.20493mm.

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 [-]
Basement Extension	15.63136	2.70339	-3.00000	-10.843	-3.3442	-55.428	-121.02	-0.0020878
Open-cut to -2.5	17.67308	4.34615	-2.50000	-9.2980	-2.8857	-3.2615	-18.271	-13.499E-6
Open-cut to -2.0	19.25000	3.00000	-2.00000	-7.8533	-2.4037	-29.718	-40.478	-0.0015193
Open-cut to -1.5	19.75000	3.00000	-1.50000	-6.5969	-1.9503	-19.167	-25.459	-0.0010462
Open-cut to -1.0	20.25000	3.00000	-1.00000	-5.4344	-1.3546	-13.526	-18.511	-793.77E-6
Open-cut to -0.5	20.75000	3.00000	-0.50000	-4.3744	-0.75000	-6.9554	-10.155	-842.06E-6
Existing Basement	6.50000	3.00000	-3.00000	-0.44416	-3.3442	-0.0030497	-0.45652	4.3250E-6
Grid 1	-10.00000	-25.00000	-3.00000	0.0040127	-3.3442	-9.2086E-6	-0.0080544	0.0
	-9.00000	-25.00000	-3.00000	0.0040531	-3.3442	-10.070E-6	-0.0084967	0.0
	-8.00000	-25.00000	-3.00000	0.0040824	-3.3442	-11.013E-6	-0.0089622	0.0
	-7.00000	-25.00000	-3.00000	0.0040992	-3.3442	-12.044E-6	-0.0094513	0.0
	-6.00000	-25.00000	-3.00000	0.0041021	-3.3442	-13.171E-6	-0.0099640	0.0
	-5.00000	-25.00000	-3.00000	0.0040898	-3.3442	-14.400E-6	-0.010500	0.0
	-4.00000	-25.00000	-3.00000	0.0040613	-3.3442	-15.737E-6	-0.011060	0.0
	-3.00000	-25.00000	-3.00000	0.0040155	-3.3442	-17.190E-6	-0.011642	0.0
	-2.00000	-25.00000	-3.00000	0.0039516	-3.3442	-18.762E-6	-0.012245	0.0
	-1.00000	-25.00000	-3.00000	0.0038690	-3.3442	-20.460E-6	-0.012868	0.0
	0.00000	-25.00000	-3.00000	0.0037678	-3.3442	-22.287E-6	-0.013508	0.0
	1.00000	-25.00000	-3.00000	0.0036481	-3.3442	-24.244E-6	-0.014163	0.0
	2.00000	-25.00000	-3.00000	0.0035108	-3.3442	-26.330E-6	-0.014829	0.0
	3.00000	-25.00000	-3.00000	0.0033572	-3.3442	-28.543E-6	-0.015502	0.0
	4.00000	-25.00000	-3.00000	0.0031891	-3.3442	-30.876E-6	-0.016178	0.0
	5.00000	-25.00000	-3.00000	0.0030092	-3.3442	-33.319E-6	-0.016850	0.0
	6.00000	-25.00000	-3.00000	0.0028207	-3.3442	-35.857E-6	-0.017513	0.0
	7.00000	-25.00000	-3.00000	0.0026272	-3.3442	-38.470E-6	-0.018161	0.0
	8.00000	-25.00000	-3.00000	0.0024329	-3.3442	-41.134E-6	-0.018785	0.0
	9.00000	-25.00000	-3.00000	0.0022426	-3.3442	-43.818E-6	-0.019379	0.0
	10.00000	-25.00000	-3.00000	0.0020610	-3.3442	-46.487E-6	-0.019934	0.0
	11.00000	-25.00000	-3.00000	0.0018930	-3.3442	-49.102E-6	-0.020442	0.0
	12.00000	-25.00000	-3.00000	0.0017435	-3.3442	-51.618E-6	-0.020897	0.0
	13.00000	-25.00000	-3.00000	0.0016168	-3.3442	-53.988E-6	-0.021290	0.0
	14.00000	-25.00000	-3.00000	0.0015168	-3.3442	-56.163E-6	-0.021615	0.0
	15.00000	-25.00000	-3.00000	0.0014467	-3.3442	-58.096E-6	-0.021867	0.0
	16.00000	-25.00000	-3.00000	0.0014085	-3.3442	-59.741E-6	-0.022041	0.0
	17.00000	-25.00000	-3.00000	0.0014036	-3.3442	-61.057E-6	-0.022133	0.0
	18.00000	-25.00000	-3.00000	0.0014318	-3.3442	-62.010E-6	-0.022143	0.0
	19.00000	-25.00000	-3.00000	0.0014923	-3.3442	-62.573E-6	-0.022069	0.0
	20.00000	-25.00000	-3.00000	0.0015829	-3.3442	-62.732E-6	-0.021914	0.0
	21.00000	-25.00000	-3.00000	0.0017007	-3.3442	-62.481E-6	-0.021680	0.0
	22.00000	-25.00000	-3.00000	0.0018419	-3.3442	-61.827E-6	-0.021371	0.0
	23.00000	-25.00000	-3.00000	0.0020021	-3.3442	-60.788E-6	-0.020992	0.0
	24.00000	-25.00000	-3.00000	0.0021768	-3.3442	-59.391E-6	-0.020550	0.0
	25.00000	-25.00000	-3.00000	0.0023611	-3.3442	-57.671E-6	-0.020053	0.0
	26.00000	-25.00000	-3.00000	0.0025501	-3.3442	-55.672E-6	-0.019506	0.0
	27.00000	-25.00000	-3.00000	0.0027393	-3.3442	-53.439E-6	-0.018920	0.0
	28.00000	-25.00000	-3.00000	0.0029245	-3.3442	-51.022E-6	-0.018300	0.0
	29.00000	-25.00000	-3.00000	0.0031018	-3.3442	-48.468E-6	-0.017656	0.0
	30.00000	-25.00000	-3.00000	0.0032682	-3.3442	-45.826E-6	-0.016994	0.0
	31.00000	-25.00000	-3.00000	0.0034211	-3.3442	-43.138E-6	-0.016322	0.0
	32.00000	-25.00000	-3.00000	0.0035583	-3.3442	-40.445E-6	-0.015645	0.0
	33.00000	-25.00000	-3.00000	0.0036786	-3.3442	-37.781E-6	-0.014970	0.0
	34.00000	-25.00000	-3.00000	0.0037811	-3.3442	-35.174E-6	-0.014300	0.0
	35.00000	-25.00000	-3.00000	0.0038654	-3.3442	-32.650E-6	-0.013642	0.0
	36.00000	-25.00000	-3.00000	0.0039316	-3.3442	-30.225E-6	-0.012997	0.0
	37.00000	-25.00000	-3.00000	0.0039800	-3.3442	-27.915E-6	-0.012370	0.0
	38.00000	-25.00000	-3.00000	0.0040115	-3.3442	-25.728E-6	-0.011762	0.0
	39.00000	-25.00000	-3.00000	0.0040269	-3.3442	-23.670E-6	-0.011175	0.0
	40.00000	-25.00000	-3.00000	0.0040273	-3.3442	-21.743E-6	-0.010610	0.0
	41.00000	-25.00000	-3.00000	0.0040139	-3.3442	-19.948E-6	-0.010068	0.0
	42.00000	-25.00000	-3.00000	0.0039881	-3.3442	-18.282E-6	-0.0095504	0.0
	43.00000	-25.00000	-3.00000	0.0039511	-3.3442	-16.740E-6	-0.0090563	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 [-]
	44.00000	-25.00000	-3.00000	0.0039042	-3.3442	-15.319E-6	-0.0085858	0.0
	45.00000	-25.00000	-3.00000	0.0038486	-3.3442	-14.011E-6	-0.0081387	0.0
	-10.00000	-24.00000	-3.00000	0.0040556	-3.3442	-10.011E-6	-0.0085095	0.0
	-9.00000	-24.00000	-3.00000	0.0040852	-3.3442	-10.981E-6	-0.0089950	0.0
	-8.00000	-24.00000	-3.00000	0.0041009	-3.3442	-12.048E-6	-0.0095078	0.0
	-7.00000	-24.00000	-3.00000	0.0041013	-3.3442	-13.221E-6	-0.010048	0.0
	-6.00000	-24.00000	-3.00000	0.0040845	-3.3442	-14.508E-6	-0.010617	0.0
	-5.00000	-24.00000	-3.00000	0.0040489	-3.3442	-15.918E-6	-0.011215	0.0
	-4.00000	-24.00000	-3.00000	0.0039931	-3.3442	-17.461E-6	-0.011840	0.0
	-3.00000	-24.00000	-3.00000	0.0039157	-3.3442	-19.145E-6	-0.012493	0.0
	-2.00000	-24.00000	-3.00000	0.0038156	-3.3442	-20.979E-6	-0.013173	0.0
	-1.00000	-24.00000	-3.00000	0.0036922	-3.3442	-22.970E-6	-0.013878	0.0
	0.00000	-24.00000	-3.00000	0.0035451	-3.3442	-25.124E-6	-0.014605	0.0
	1.00000	-24.00000	-3.00000	0.0033747	-3.3442	-27.445E-6	-0.015353	0.0
	2.00000	-24.00000	-3.00000	0.0031818	-3.3442	-29.934E-6	-0.016116	0.0
	3.00000	-24.00000	-3.00000	0.0029681	-3.3442	-32.591E-6	-0.016891	0.0
	4.00000	-24.00000	-3.00000	0.0027361	-3.3442	-35.409E-6	-0.017671	0.0
	5.00000	-24.00000	-3.00000	0.0024890	-3.3442	-38.378E-6	-0.018452	0.0
	6.00000	-24.00000	-3.00000	0.0022309	-3.3442	-41.482E-6	-0.019225	0.0
	7.00000	-24.00000	-3.00000	0.0019666	-3.3442	-44.697E-6	-0.019982	0.0
	8.00000	-24.00000	-3.00000	0.0017018	-3.3442	-47.994E-6	-0.020715	0.0
	9.00000	-24.00000	-3.00000	0.0014426	-3.3442	-51.336E-6	-0.021414	0.0
	10.00000	-24.00000	-3.00000	0.0011956	-3.3442	-54.679E-6	-0.022070	0.0
	11.00000	-24.00000	-3.00000	967.24E-6	-3.3442	-57.972E-6	-0.022673	0.0
	12.00000	-24.00000	-3.00000	764.10E-6	-3.3442	-61.157E-6	-0.023213	0.0
	13.00000	-24.00000	-3.00000	592.19E-6	-3.3442	-64.171E-6	-0.023681	0.0
	14.00000	-24.00000	-3.00000	456.76E-6	-3.3442	-66.951E-6	-0.024070	0.0
	15.00000	-24.00000	-3.00000	362.05E-6	-3.3442	-69.431E-6	-0.024371	0.0
	16.00000	-24.00000	-3.00000	311.06E-6	-3.3442	-71.548E-6	-0.024579	0.0
	17.00000	-24.00000	-3.00000	305.37E-6	-3.3442	-73.247E-6	-0.024690	0.0
	18.00000	-24.00000	-3.00000	345.04E-6	-3.3442	-74.480E-6	-0.024702	0.0
	19.00000	-24.00000	-3.00000	428.66E-6	-3.3442	-75.210E-6	-0.024614	0.0
	20.00000	-24.00000	-3.00000	553.38E-6	-3.3442	-75.417E-6	-0.024428	0.0
	21.00000	-24.00000	-3.00000	715.10E-6	-3.3442	-75.093E-6	-0.024148	0.0
	22.00000	-24.00000	-3.00000	908.68E-6	-3.3442	-74.248E-6	-0.023779	0.0
	23.00000	-24.00000	-3.00000	0.0011282	-3.3442	-72.905E-6	-0.023327	0.0
	24.00000	-24.00000	-3.00000	0.0013674	-3.3442	-71.104E-6	-0.022802	0.0
	25.00000	-24.00000	-3.00000	0.0016196	-3.3442	-68.894E-6	-0.022211	0.0
	26.00000	-24.00000	-3.00000	0.0018785	-3.3442	-66.332E-6	-0.021565	0.0
	27.00000	-24.00000	-3.00000	0.0021378	-3.3442	-63.482E-6	-0.020873	0.0
	28.00000	-24.00000	-3.00000	0.0023922	-3.3442	-60.409E-6	-0.020145	0.0
	29.00000	-24.00000	-3.00000	0.0026365	-3.3442	-57.180E-6	-0.019391	0.0
	30.00000	-24.00000	-3.00000	0.0028668	-3.3442	-53.856E-6	-0.018619	0.0
	31.00000	-24.00000	-3.00000	0.0030797	-3.3442	-50.493E-6	-0.017838	0.0
	32.00000	-24.00000	-3.00000	0.0032727	-3.3442	-47.143E-6	-0.017055	0.0
	33.00000	-24.00000	-3.00000	0.0034440	-3.3442	-43.849E-6	-0.016277	0.0
	34.00000	-24.00000	-3.00000	0.0035927	-3.3442	-40.646E-6	-0.015510	0.0
	35.00000	-24.00000	-3.00000	0.0037184	-3.3442	-37.563E-6	-0.014757	0.0
	36.00000	-24.00000	-3.00000	0.0038212	-3.3442	-34.621E-6	-0.014024	0.0
	37.00000	-24.00000	-3.00000	0.0039018	-3.3442	-31.834E-6	-0.013314	0.0
	38.00000	-24.00000	-3.00000	0.0039611	-3.3442	-29.212E-6	-0.012628	0.0
	39.00000	-24.00000	-3.00000	0.0040004	-3.3442	-26.760E-6	-0.011968	0.0
	40.00000	-24.00000	-3.00000	0.0040211	-3.3442	-24.479E-6	-0.011336	0.0
	41.00000	-24.00000	-3.00000	0.0040248	-3.3442	-22.365E-6	-0.010733	0.0
	42.00000	-24.00000	-3.00000	0.0040131	-3.3442	-20.415E-6	-0.010158	0.0
	43.00000	-24.00000	-3.00000	0.0039875	-3.3442	-18.621E-6	-0.0096110	0.0
	44.00000	-24.00000	-3.00000	0.0039498	-3.3442	-16.975E-6	-0.0090924	0.0
	45.00000	-24.00000	-3.00000	0.0039015	-3.3442	-15.469E-6	-0.0086012	0.0
	-10.00000	-23.00000	-3.00000	0.0040860	-3.3442	-10.881E-6	-0.0089903	0.0
	-9.00000	-23.00000	-3.00000	0.0041017	-3.3442	-11.973E-6	-0.0095234	0.0
	-8.00000	-23.00000	-3.00000	0.0041006	-3.3442	-13.180E-6	-0.010088	0.0
	-7.00000	-23.00000	-3.00000	0.0040804	-3.3442	-14.513E-6	-0.010686	0.0
	-6.00000	-23.00000	-3.00000	0.0040391	-3.3442	-15.983E-6	-0.011318	0.0
	-5.00000	-23.00000	-3.00000	0.0039744	-3.3442	-17.602E-6	-0.011984	0.0
	-4.00000	-23.00000	-3.00000	0.0038845	-3.3442	-19.383E-6	-0.012684	0.0
	-3.00000	-23.00000	-3.00000	0.0037676	-3.3442	-21.337E-6	-0.013418	0.0
	-2.00000	-23.00000	-3.00000	0.0036222	-3.3442	-23.478E-6	-0.014185	0.0
	-1.00000	-23.00000	-3.00000	0.0034473	-3.3442	-25.815E-6	-0.014984	0.0
	0.00000	-23.00000	-3.00000	0.0032424	-3.3442	-28.359E-6	-0.015812	0.0
	1.00000	-23.00000	-3.00000	0.0030077	-3.3442	-31.118E-6	-0.016667	0.0
	2.00000	-23.00000	-3.00000	0.0027442	-3.3442	-34.096E-6	-0.017544	0.0
	3.00000	-23.00000	-3.00000	0.0024539	-3.3442	-37.295E-6	-0.018438	0.0
	4.00000	-23.00000	-3.00000	0.0021399	-3.3442	-40.710E-6	-0.019343	0.0
	5.00000	-23.00000	-3.00000	0.0018062	-3.3442	-44.331E-6	-0.020252	0.0
	6.00000	-23.00000	-3.00000	0.0014581	-3.3442	-48.142E-6	-0.021156	0.0
	7.00000	-23.00000	-3.00000	0.0011020	-3.3442	-52.117E-6	-0.022045	0.0
	8.00000	-23.00000	-3.00000	745.29E-6	-3.3442	-56.220E-6	-0.022909	0.0
	9.00000	-23.00000	-3.00000	396.09E-6	-3.3442	-60.406E-6	-0.023737	0.0
	10.00000	-23.00000	-3.00000	63.132E-6	-3.3442	-64.620E-6	-0.024517	0.0
	11.00000	-23.00000	-3.00000	-244.65E-6	-3.3442	-68.795E-6	-0.025235	0.0
	12.00000	-23.00000	-3.00000	-518.48E-6	-3.3442	-72.856E-6	-0.025881	0.0
	13.00000	-23.00000	-3.00000	-750.16E-6	-3.3442	-76.722E-6	-0.026443	0.0
	14.00000	-23.00000	-3.00000	-932.49E-6	-3.3442	-80.303E-6	-0.026910	0.0
	15.00000	-23.00000	-3.00000	-0.0010597	-3.3442	-83.513E-6	-0.027272	0.0
	16.00000	-23.00000	-3.00000	-0.0011276	-3.3442	-86.264E-6	-0.027523	0.0
	17.00000	-23.00000	-3.00000	-0.0011340	-3.3442	-88.478E-6	-0.027657	0.0
	18.00000	-23.00000	-3.00000	-0.0010790	-3.3442	-90.089E-6	-0.027672	0.0
	19.00000	-23.00000	-3.00000	-964.49E-6	-3.3442	-91.046E-6	-0.027566	0.0
	20.00000	-23.00000	-3.00000	-794.38E-6	-3.3442	-91.318E-6	-0.027342	0.0
	21.00000	-23.00000	-3.00000	-574.35E-6	-3.3442	-90.896E-6	-0.027004	0.0
	22.00000	-23.00000	-3.00000	-311.44E-6	-3.3442	-89.792E-6	-0.026561	0.0
	23.00000	-23.00000	-3.00000	-13.707E-6	-3.3442	-88.041E-6	-0.026019	0.0
	24.00000	-23.00000	-3.00000	310.20E-6	-3.3442	-85.697E-6	-0.025390	0.0
	25.00000	-23.00000	-3.00000	651.46E-6	-3.3442	-82.828E-6	-0.024685	0.0
	26.00000	-23.00000	-3.00000	0.0010014	-3.3442	-79.516E-6	-0.023917	0.0
	27.00000	-23.00000	-3.00000	0.0013520	-3.3442	-75.847E-6	-0.023097	0.0
	28.00000	-23.00000	-3.00000	0.0016957	-3.3442	-71.912E-6	-0.022237	0.0
	29.00000	-23.00000	-3.00000	0.0020264	-3.3442	-67.798E-6	-0.021350	0.0
	30.00000	-23.00000	-3.00000	0.0023386	-3.3442	-63.587E-6	-0.020446	0.0
	31.00000	-23.00000	-3.00000	0.0026282	-3.3442	-59.354E-6	-0.019536	0.0
	32.00000	-23.00000	-3.00000	0.0028920	-3.3442	-55.163E-6	-0.018627	0.0
	33.00000	-23.00000	-3.00000	0.0031279	-3.3442	-51.069E-6	-0.017728	0.0
	34.00000	-23.00000	-3.00000	0.0033349	-3.3442	-47.115E-6	-0.016846	0.0
	35.00000	-23.00000	-3.00000	0.0035126	-3.3442	-43.334E-6	-0.015984	0.0
	36.00000	-23.00000	-3.00000	0.0036614	-3.3442	-39.750E-6	-0.015149	0.0
	37.00000	-23.00000	-3.00000	0.0037821	-3.3442	-36.378E-6	-0.014343	0.0
	38.00000	-23.00000	-3.00000	0.0038762	-3.3442	-33.227E-6	-0.013568	0.0
	39.00000	-23.00000	-3.00000	0.0039452	-3.3442	-30.299E-6	-0.012826	0.0
	40.00000	-23.00000	-3.00000	0.0039912	-3.3442	-27.592E-6	-0.012118	0.0
	41.00000	-23.00000	-3.00000	0.0040161	-3.3442	-25.100E-6	-0.011445	0.0
	42.00000	-23.00000	-3.00000	0.0040219	-3.3442	-22.814E-6	-0.010806	0.0
	43.00000	-23.00000	-3.00000	0.0040108	-3.3442	-20.724E-6	-0.010201	0.0
	44.00000	-23.00000	-3.00000	0.0039847	-3.3442	-18.817E-6	-0.0096297	0.0
	45.00000	-23.00000	-3.00000	0.0039455	-3.3442	-17.082E-6	-0.0090902	0.0
	-10.00000	-22.00000	-3.00000	0.0041019	-3.3442	-11.820E-6	-0.0094976	0.0
	-9.00000	-22.00000	-3.00000	0.0041006	-3.3442	-13.050E-6	-0.010083	0.0
	-8.00000	-22.00000	-3.00000	0.0040786	-3.3442	-14.415E-6	-0.010705	0.0
	-7.00000	-22.00000	-3.00000	0.0040331	-3.3442	-15.929E-6	-0.011367	0.0
	-6.00000	-22.00000	-3.00000	0.0039614	-3.3442	-17.608E-6	-0.012068	0.0
	-5.00000	-22.00000	-3.00000	0.0038609	-3.3442	-19.467E-6	-0.012811	0.0
	-4.00000	-22.00000	-3.00000	0.0037288	-3.3442	-21.523E-6	-0.013595	0.0
	-3.00000	-22.00000	-3.00000	0.0035629	-3.3442	-23.793E-6	-0.014421	0.0
	-2.00000	-22.00000	-3.00000	0.0033610	-3.3442	-26.293E-6	-0.015288	0.0
	-1.00000	-22.00000	-3.00000	0.0031218	-3.3442	-29.041E-6	-0.016195	0.0
	0.00000	-22.00000	-3.00000	0.0028442	-3.3442	-32.051E-6	-0.017140	0.0
	1.00000	-22.00000	-3.00000	0.0025285	-3.3442	-35.336E-6	-0.018119	0.0
	2.00000	-22.00000	-3.00000	0.0021755	-3.3442	-38.906E-6	-0.019130	0.0
	3.00000	-22.00000	-3.00000	0.0017877	-3.3442	-42.768E-6	-0.020165	0.0
	4.00000	-22.00000	-3.00000	0.0013687	-3.3442	-46.920E-6	-0.021217	0.0
	5.00000	-22.00000	-3.00000	923.69E-6	-3.3442	-51.354E-6	-0.022280	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 [-]
	6.00000	-22.00000	-3.00000	459.44E-6	-3.3442	-56.054E-6	-0.023341	0.0
	7.00000	-22.00000	-3.00000	-15.791E-6	-3.3442	-60.991E-6	-0.024391	0.0
	8.00000	-22.00000	-3.00000	-492.33E-6	-3.3442	-66.124E-6	-0.025415	0.0
	9.00000	-22.00000	-3.00000	-959.31E-6	-3.3442	-71.399E-6	-0.026400	0.0
	10.00000	-22.00000	-3.00000	-0.0014051	-3.3442	-76.745E-6	-0.027332	0.0
	11.00000	-22.00000	-3.00000	-0.0018175	-3.3442	-82.078E-6	-0.028194	0.0
	12.00000	-22.00000	-3.00000	-0.0021847	-3.3442	-87.298E-6	-0.028971	0.0
	13.00000	-22.00000	-3.00000	-0.0024955	-3.3442	-92.297E-6	-0.029649	0.0
	14.00000	-22.00000	-3.00000	-0.0027400	-3.3442	-96.954E-6	-0.030213	0.0
	15.00000	-22.00000	-3.00000	-0.0029102	-3.3442	-101.15E-6	-0.030653	0.0
	16.00000	-22.00000	-3.00000	-0.0030005	-3.3442	-104.76E-6	-0.030958	0.0
	17.00000	-22.00000	-3.00000	-0.0030078	-3.3442	-107.67E-6	-0.031121	0.0
	18.00000	-22.00000	-3.00000	-0.0029321	-3.3442	-109.80E-6	-0.031138	0.0
	19.00000	-22.00000	-3.00000	-0.0027762	-3.3442	-111.07E-6	-0.031010	0.0
	20.00000	-22.00000	-3.00000	-0.0025456	-3.3442	-111.43E-6	-0.030738	0.0
	21.00000	-22.00000	-3.00000	-0.0022481	-3.3442	-110.88E-6	-0.030329	0.0
	22.00000	-22.00000	-3.00000	-0.0018933	-3.3442	-109.42E-6	-0.029792	0.0
	23.00000	-22.00000	-3.00000	-0.0014923	-3.3442	-107.11E-6	-0.029138	0.0
	24.00000	-22.00000	-3.00000	-0.0010569	-3.3442	-104.03E-6	-0.028380	0.0
	25.00000	-22.00000	-3.00000	-599.06E-6	-3.3442	-100.27E-6	-0.027534	0.0
	26.00000	-22.00000	-3.00000	-130.27E-6	-3.3442	-95.944E-6	-0.026615	0.0
	27.00000	-22.00000	-3.00000	338.64E-6	-3.3442	-91.179E-6	-0.025637	0.0
	28.00000	-22.00000	-3.00000	798.04E-6	-3.3442	-86.096E-6	-0.024618	0.0
	29.00000	-22.00000	-3.00000	0.0012396	-3.3442	-80.813E-6	-0.023570	0.0
	30.00000	-22.00000	-3.00000	0.0016566	-3.3442	-75.441E-6	-0.022507	0.0
	31.00000	-22.00000	-3.00000	0.0020438	-3.3442	-70.076E-6	-0.021441	0.0
	32.00000	-22.00000	-3.00000	0.0023973	-3.3442	-64.803E-6	-0.020383	0.0
	33.00000	-22.00000	-3.00000	0.0027147	-3.3442	-59.688E-6	-0.019341	0.0
	34.00000	-22.00000	-3.00000	0.0029948	-3.3442	-54.783E-6	-0.018324	0.0
	35.00000	-22.00000	-3.00000	0.0032375	-3.3442	-50.127E-6	-0.017335	0.0
	36.00000	-22.00000	-3.00000	0.0034434	-3.3442	-45.746E-6	-0.016381	0.0
	37.00000	-22.00000	-3.00000	0.0036139	-3.3442	-41.654E-6	-0.015465	0.0
	38.00000	-22.00000	-3.00000	0.0037509	-3.3442	-37.858E-6	-0.014589	0.0
	39.00000	-22.00000	-3.00000	0.0038567	-3.3442	-34.354E-6	-0.013753	0.0
	40.00000	-22.00000	-3.00000	0.0039338	-3.3442	-31.136E-6	-0.012960	0.0
	41.00000	-22.00000	-3.00000	0.0039848	-3.3442	-28.194E-6	-0.012209	0.0
	42.00000	-22.00000	-3.00000	0.0040122	-3.3442	-25.512E-6	-0.011499	0.0
	43.00000	-22.00000	-3.00000	0.0040189	-3.3442	-23.074E-6	-0.010829	0.0
	44.00000	-22.00000	-3.00000	0.0040072	-3.3442	-20.864E-6	-0.010199	0.0
	45.00000	-22.00000	-3.00000	0.0039795	-3.3442	-18.865E-6	-0.0096062	0.0
	-10.00000	-21.00000	-3.00000	0.0041014	-3.3442	-12.834E-6	-0.010032	0.0
	-9.00000	-21.00000	-3.00000	0.0040794	-3.3442	-14.217E-6	-0.010674	0.0
	-8.00000	-21.00000	-3.00000	0.0040319	-3.3442	-15.759E-6	-0.011360	0.0
	-7.00000	-21.00000	-3.00000	0.0039555	-3.3442	-17.479E-6	-0.012092	0.0
	-6.00000	-21.00000	-3.00000	0.0038468	-3.3442	-19.396E-6	-0.012871	0.0
	-5.00000	-21.00000	-3.00000	0.0037022	-3.3442	-21.531E-6	-0.013700	0.0
	-4.00000	-21.00000	-3.00000	0.0035183	-3.3442	-23.905E-6	-0.014579	0.0
	-3.00000	-21.00000	-3.00000	0.0032919	-3.3442	-26.542E-6	-0.015509	0.0
	-2.00000	-21.00000	-3.00000	0.0030202	-3.3442	-29.465E-6	-0.016490	0.0
	-1.00000	-21.00000	-3.00000	0.0027009	-3.3442	-32.698E-6	-0.017521	0.0
	0.00000	-21.00000	-3.00000	0.0023326	-3.3442	-36.264E-6	-0.018601	0.0
	1.00000	-21.00000	-3.00000	0.0019150	-3.3442	-40.182E-6	-0.019727	0.0
	2.00000	-21.00000	-3.00000	0.0014491	-3.3442	-44.472E-6	-0.020893	0.0
	3.00000	-21.00000	-3.00000	937.40E-6	-3.3442	-49.146E-6	-0.022095	0.0
	4.00000	-21.00000	-3.00000	384.41E-6	-3.3442	-54.209E-6	-0.023324	0.0
	5.00000	-21.00000	-3.00000	-203.46E-6	-3.3442	-59.659E-6	-0.024570	0.0
	6.00000	-21.00000	-3.00000	-817.64E-6	-3.3442	-65.480E-6	-0.025822	0.0
	7.00000	-21.00000	-3.00000	-0.0014474	-3.3442	-71.643E-6	-0.027066	0.0
	8.00000	-21.00000	-3.00000	-0.0020802	-3.3442	-78.101E-6	-0.028286	0.0
	9.00000	-21.00000	-3.00000	-0.0027014	-3.3442	-84.788E-6	-0.029465	0.0
	10.00000	-21.00000	-3.00000	-0.0032955	-3.3442	-91.618E-6	-0.030585	0.0
	11.00000	-21.00000	-3.00000	-0.0038461	-3.3442	-98.481E-6	-0.031625	0.0
	12.00000	-21.00000	-3.00000	-0.0043370	-3.3442	-105.25E-6	-0.032567	0.0
	13.00000	-21.00000	-3.00000	-0.0047528	-3.3442	-111.77E-6	-0.033391	0.0
	14.00000	-21.00000	-3.00000	-0.0050799	-3.3442	-117.88E-6	-0.034079	0.0
	15.00000	-21.00000	-3.00000	-0.0053073	-3.3442	-123.42E-6	-0.034616	0.0
	16.00000	-21.00000	-3.00000	-0.0054271	-3.3442	-128.21E-6	-0.034989	0.0
	17.00000	-21.00000	-3.00000	-0.0054353	-3.3442	-132.09E-6	-0.035189	0.0
	18.00000	-21.00000	-3.00000	-0.0053318	-3.3442	-134.94E-6	-0.035210	0.0
	19.00000	-21.00000	-3.00000	-0.0051204	-3.3442	-136.63E-6	-0.035053	0.0
	20.00000	-21.00000	-3.00000	-0.0048089	-3.3442	-137.12E-6	-0.034720	0.0
	21.00000	-21.00000	-3.00000	-0.0044081	-3.3442	-136.38E-6	-0.034221	0.0
	22.00000	-21.00000	-3.00000	-0.0039314	-3.3442	-134.44E-6	-0.033566	0.0
	23.00000	-21.00000	-3.00000	-0.0033939	-3.3442	-131.36E-6	-0.032770	0.0
	24.00000	-21.00000	-3.00000	-0.0028117	-3.3442	-127.26E-6	-0.031852	0.0
	25.00000	-21.00000	-3.00000	-0.0022009	-3.3442	-122.28E-6	-0.030829	0.0
	26.00000	-21.00000	-3.00000	-0.0015771	-3.3442	-116.58E-6	-0.029723	0.0
	27.00000	-21.00000	-3.00000	-954.62E-6	-3.3442	-110.33E-6	-0.028552	0.0
	28.00000	-21.00000	-3.00000	-346.00E-6	-3.3442	-103.70E-6	-0.027335	0.0
	29.00000	-21.00000	-3.00000	238.00E-6	-3.3442	-96.863E-6	-0.026091	0.0
	30.00000	-21.00000	-3.00000	788.79E-6	-3.3442	-89.957E-6	-0.024836	0.0
	31.00000	-21.00000	-3.00000	0.0012998	-3.3442	-83.113E-6	-0.023584	0.0
	32.00000	-21.00000	-3.00000	0.0017666	-3.3442	-76.436E-6	-0.022348	0.0
	33.00000	-21.00000	-3.00000	0.0021862	-3.3442	-70.011E-6	-0.021137	0.0
	34.00000	-21.00000	-3.00000	0.0025577	-3.3442	-63.899E-6	-0.019960	0.0
	35.00000	-21.00000	-3.00000	0.0028811	-3.3442	-58.143E-6	-0.018823	0.0
	36.00000	-21.00000	-3.00000	0.0031577	-3.3442	-52.768E-6	-0.017732	0.0
	37.00000	-21.00000	-3.00000	0.0033896	-3.3442	-47.788E-6	-0.016689	0.0
	38.00000	-21.00000	-3.00000	0.0035793	-3.3442	-43.201E-6	-0.015696	0.0
	39.00000	-21.00000	-3.00000	0.0037301	-3.3442	-39.000E-6	-0.014755	0.0
	40.00000	-21.00000	-3.00000	0.0038451	-3.3442	-35.170E-6	-0.013865	0.0
	41.00000	-21.00000	-3.00000	0.0039278	-3.3442	-31.691E-6	-0.013026	0.0
	42.00000	-21.00000	-3.00000	0.0039817	-3.3442	-28.542E-6	-0.012237	0.0
	43.00000	-21.00000	-3.00000	0.0040099	-3.3442	-25.698E-6	-0.011496	0.0
	44.00000	-21.00000	-3.00000	0.0040158	-3.3442	-23.136E-6	-0.010801	0.0
	45.00000	-21.00000	-3.00000	0.0040022	-3.3442	-20.832E-6	-0.010150	0.0
	-10.00000	-20.00000	-3.00000	0.0040826	-3.3442	-13.924E-6	-0.010594	0.0
	-9.00000	-20.00000	-3.00000	0.0040355	-3.3442	-15.478E-6	-0.011299	0.0
	-8.00000	-20.00000	-3.00000	0.0039572	-3.3442	-17.219E-6	-0.012054	0.0
	-7.00000	-20.00000	-3.00000	0.0038435	-3.3442	-19.172E-6	-0.012864	0.0
	-6.00000	-20.00000	-3.00000	0.0036900	-3.3442	-21.359E-6	-0.013730	0.0
	-5.00000	-20.00000	-3.00000	0.0034919	-3.3442	-23.810E-6	-0.014654	0.0
	-4.00000	-20.00000	-3.00000	0.0032448	-3.3442	-26.551E-6	-0.015640	0.0
	-3.00000	-20.00000	-3.00000	0.0029444	-3.3442	-29.615E-6	-0.016688	0.0
	-2.00000	-20.00000	-3.00000	0.0025866	-3.3442	-33.034E-6	-0.017800	0.0
	-1.00000	-20.00000	-3.00000	0.0021683	-3.3442	-36.841E-6	-0.018974	0.0
	0.00000	-20.00000	-3.00000	0.0016870	-3.3442	-41.070E-6	-0.020211	0.0
	1.00000	-20.00000	-3.00000	0.0011420	-3.3442	-45.752E-6	-0.021507	0.0
	2.00000	-20.00000	-3.00000	533.77E-6	-3.3442	-50.917E-6	-0.022857	0.0
	3.00000	-20.00000	-3.00000	-134.80E-6	-3.3442	-56.588E-6	-0.024256	0.0
	4.00000	-20.00000	-3.00000	-858.57E-6	-3.3442	-62.781E-6	-0.025696	0.0
	5.00000	-20.00000	-3.00000	-0.0016297	-3.3442	-69.503E-6	-0.027163	0.0
	6.00000	-20.00000	-3.00000	-0.0024373	-3.3442	-76.743E-6	-0.028646	0.0
	7.00000	-20.00000	-3.00000	-0.0032676	-3.3442	-84.473E-6	-0.030128	0.0
	8.00000	-20.00000	-3.00000	-0.0041041	-3.3442	-92.644E-6	-0.031589	0.0
	9.00000	-20.00000	-3.00000	-0.0049277	-3.3442	-101.18E-6	-0.033009	0.0
	10.00000	-20.00000	-3.00000	-0.0057172	-3.3442	-109.96E-6	-0.034363	0.0
	11.00000	-20.00000	-3.00000	-0.0064506	-3.3442	-118.87E-6	-0.035627	0.0
	12.00000	-20.00000	-3.00000	-0.0071057	-3.3442	-127.71E-6	-0.036776	0.0
	13.00000	-20.00000	-3.00000	-0.0076613	-3.3442	-136.31E-6	-0.037785	0.0
	14.00000	-20.00000	-3.00000	-0.0080986	-3.3442	-144.41E-6	-0.038631	0.0
	15.00000	-20.00000	-3.00000	-0.0084022	-3.3442	-151.80E-6	-0.039292	0.0
	16.00000	-20.00000	-3.00000	-0.0085614	-3.3442	-158.23E-6	-0.039752	0.0
	17.00000	-20.00000	-3.00000	-0.0085704	-3.3442	-163.47E-6	-0.039999	0.0
	18.00000	-20.00000	-3.00000	-0.0084292	-3.3442	-167.32E-6	-0.040026	0.0
	19.00000	-20.00000	-3.00000	-0.0081433	-3.3442	-169.62E-6	-0.039832	0.0
	20.00000	-20.00000	-3.00000	-0.0077234	-3.3442	-170.29E-6	-0.039422	0.0
	21.00000	-20.00000	-3.00000	-0.0071846	-3.3442	-169.29E-6	-0.038807	0.0
	22.00000	-20.00000	-3.00000	-0.0065456	-3.3442	-166.66E-6	-0.038001	0.0
	23.00000	-20.00000	-3.00000	-0.0058271	-3.3442	-162.50E-6	-0.037026	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 [-]
	24.00000	-20.00000	-3.00000	-0.0050512	-3.3442	-156.98E-6	-0.035904	0.0
	25.00000	-20.00000	-3.00000	-0.0042398	-3.3442	-150.31E-6	-0.034660	0.0
	26.00000	-20.00000	-3.00000	-0.0034137	-3.3442	-142.71E-6	-0.033320	0.0
	27.00000	-20.00000	-3.00000	-0.0025918	-3.3442	-134.43E-6	-0.031908	0.0
	28.00000	-20.00000	-3.00000	-0.0017907	-3.3442	-125.71E-6	-0.030449	0.0
	29.00000	-20.00000	-3.00000	-0.0010241	-3.3442	-116.78E-6	-0.028965	0.0
	30.00000	-20.00000	-3.00000	-302.86E-6	-3.3442	-107.83E-6	-0.027476	0.0
	31.00000	-20.00000	-3.00000	365.05E-6	-3.3442	-99.038E-6	-0.025999	0.0
	32.00000	-20.00000	-3.00000	974.28E-6	-3.3442	-90.532E-6	-0.024549	0.0
	33.00000	-20.00000	-3.00000	0.0015219	-3.3442	-82.417E-6	-0.023138	0.0
	34.00000	-20.00000	-3.00000	0.0020070	-3.3442	-74.763E-6	-0.021773	0.0
	35.00000	-20.00000	-3.00000	0.0024303	-3.3442	-67.618E-6	-0.020463	0.0
	36.00000	-20.00000	-3.00000	0.0027938	-3.3442	-61.003E-6	-0.019212	0.0
	37.00000	-20.00000	-3.00000	0.0031008	-3.3442	-54.923E-6	-0.018024	0.0
	38.00000	-20.00000	-3.00000	0.0033548	-3.3442	-49.370E-6	-0.016898	0.0
	39.00000	-20.00000	-3.00000	0.0035600	-3.3442	-44.324E-6	-0.015836	0.0
	40.00000	-20.00000	-3.00000	0.0037210	-3.3442	-39.758E-6	-0.014838	0.0
	41.00000	-20.00000	-3.00000	0.0038420	-3.3442	-35.642E-6	-0.013901	0.0
	42.00000	-20.00000	-3.00000	0.0039276	-3.3442	-31.942E-6	-0.013023	0.0
	43.00000	-20.00000	-3.00000	0.0039819	-3.3442	-28.624E-6	-0.012202	0.0
	44.00000	-20.00000	-3.00000	0.0040089	-3.3442	-25.654E-6	-0.011436	0.0
	45.00000	-20.00000	-3.00000	0.0040123	-3.3442	-22.999E-6	-0.010722	0.0
	-10.00000	-19.00000	-3.00000	0.0040436	-3.3442	-15.094E-6	-0.011183	0.0
	-9.00000	-19.00000	-3.00000	0.0039665	-3.3442	-16.837E-6	-0.011956	0.0
	-8.00000	-19.00000	-3.00000	0.0038515	-3.3442	-18.802E-6	-0.012788	0.0
	-7.00000	-19.00000	-3.00000	0.0036931	-3.3442	-21.016E-6	-0.013683	0.0
	-6.00000	-19.00000	-3.00000	0.0034856	-3.3442	-23.511E-6	-0.014645	0.0
	-5.00000	-19.00000	-3.00000	0.0032231	-3.3442	-26.321E-6	-0.015678	0.0
	-4.00000	-19.00000	-3.00000	0.0028994	-3.3442	-29.486E-6	-0.016784	0.0
	-3.00000	-19.00000	-3.00000	0.0025088	-3.3442	-33.046E-6	-0.017966	0.0
	-2.00000	-19.00000	-3.00000	0.0020456	-3.3442	-37.045E-6	-0.019226	0.0
	-1.00000	-19.00000	-3.00000	0.0015053	-3.3442	-41.531E-6	-0.020566	0.0
	0.00000	-19.00000	-3.00000	884.14E-6	-3.3442	-46.551E-6	-0.021984	0.0
	1.00000	-19.00000	-3.00000	180.12E-6	-3.3442	-52.152E-6	-0.023479	0.0
	2.00000	-19.00000	-3.00000	-606.68E-6	-3.3442	-58.381E-6	-0.025046	0.0
	3.00000	-19.00000	-3.00000	-0.0014735	-3.3442	-65.278E-6	-0.026680	0.0
	4.00000	-19.00000	-3.00000	-0.0024146	-3.3442	-72.876E-6	-0.028372	0.0
	5.00000	-19.00000	-3.00000	-0.0034204	-3.3442	-81.195E-6	-0.030107	0.0
	6.00000	-19.00000	-3.00000	-0.0044775	-3.3442	-90.238E-6	-0.031872	0.0
	7.00000	-19.00000	-3.00000	-0.0055682	-3.3442	-99.983E-6	-0.033646	0.0
	8.00000	-19.00000	-3.00000	-0.0066709	-3.3442	-110.38E-6	-0.035406	0.0
	9.00000	-19.00000	-3.00000	-0.0077602	-3.3442	-121.34E-6	-0.037125	0.0
	10.00000	-19.00000	-3.00000	-0.0088078	-3.3442	-132.73E-6	-0.038774	0.0
	11.00000	-19.00000	-3.00000	-0.0097837	-3.3442	-144.38E-6	-0.040322	0.0
	12.00000	-19.00000	-3.00000	-0.010657	-3.3442	-156.05E-6	-0.041735	0.0
	13.00000	-19.00000	-3.00000	-0.011400	-3.3442	-167.48E-6	-0.042980	0.0
	14.00000	-19.00000	-3.00000	-0.011985	-3.3442	-178.36E-6	-0.044028	0.0
	15.00000	-19.00000	-3.00000	-0.012391	-3.3442	-188.34E-6	-0.044849	0.0
	16.00000	-19.00000	-3.00000	-0.012602	-3.3442	-197.07E-6	-0.045423	0.0
	17.00000	-19.00000	-3.00000	-0.012612	-3.3442	-204.23E-6	-0.045731	0.0
	18.00000	-19.00000	-3.00000	-0.012420	-3.3442	-209.51E-6	-0.045765	0.0
	19.00000	-19.00000	-3.00000	-0.012033	-3.3442	-212.69E-6	-0.045523	0.0
	20.00000	-19.00000	-3.00000	-0.011467	-3.3442	-213.61E-6	-0.045013	0.0
	21.00000	-19.00000	-3.00000	-0.010743	-3.3442	-212.24E-6	-0.044248	0.0
	22.00000	-19.00000	-3.00000	-0.0098877	-3.3442	-208.63E-6	-0.043249	0.0
	23.00000	-19.00000	-3.00000	-0.0089289	-3.3442	-202.94E-6	-0.042044	0.0
	24.00000	-19.00000	-3.00000	-0.0078970	-3.3442	-195.41E-6	-0.040663	0.0
	25.00000	-19.00000	-3.00000	-0.0068219	-3.3442	-186.35E-6	-0.039138	0.0
	26.00000	-19.00000	-3.00000	-0.0057314	-3.3442	-176.10E-6	-0.037502	0.0
	27.00000	-19.00000	-3.00000	-0.0046508	-3.3442	-165.01E-6	-0.035789	0.0
	28.00000	-19.00000	-3.00000	-0.0036014	-3.3442	-153.42E-6	-0.034029	0.0
	29.00000	-19.00000	-3.00000	-0.0026010	-3.3442	-141.65E-6	-0.032250	0.0
	30.00000	-19.00000	-3.00000	-0.0016629	-3.3442	-129.97E-6	-0.030475	0.0
	31.00000	-19.00000	-3.00000	-796.83E-6	-3.3442	-118.58E-6	-0.028726	0.0
	32.00000	-19.00000	-3.00000	-8.7954E-6	-3.3442	-107.68E-6	-0.027020	0.0
	33.00000	-19.00000	-3.00000	698.26E-6	-3.3442	-97.372E-6	-0.025369	0.0
	34.00000	-19.00000	-3.00000	0.0013240	-3.3442	-87.744E-6	-0.023784	0.0
	35.00000	-19.00000	-3.00000	0.0018702	-3.3442	-78.838E-6	-0.022271	0.0
	36.00000	-19.00000	-3.00000	0.0023402	-3.3442	-70.670E-6	-0.020835	0.0
	37.00000	-19.00000	-3.00000	0.0027384	-3.3442	-63.229E-6	-0.019478	0.0
	38.00000	-19.00000	-3.00000	0.0030702	-3.3442	-56.492E-6	-0.018200	0.0
	39.00000	-19.00000	-3.00000	0.0033412	-3.3442	-50.422E-6	-0.017002	0.0
	40.00000	-19.00000	-3.00000	0.0035572	-3.3442	-44.973E-6	-0.015881	0.0
	41.00000	-19.00000	-3.00000	0.0037241	-3.3442	-40.100E-6	-0.014834	0.0
	42.00000	-19.00000	-3.00000	0.0038476	-3.3442	-35.751E-6	-0.013858	0.0
	43.00000	-19.00000	-3.00000	0.0039328	-3.3442	-31.879E-6	-0.012950	0.0
	44.00000	-19.00000	-3.00000	0.0039850	-3.3442	-28.437E-6	-0.012106	0.0
	45.00000	-19.00000	-3.00000	0.0040086	-3.3442	-25.380E-6	-0.011322	0.0
	-10.00000	-18.00000	-3.00000	0.0039824	-3.3442	-16.345E-6	-0.011799	0.0
	-9.00000	-18.00000	-3.00000	0.0038699	-3.3442	-18.298E-6	-0.012646	0.0
	-8.00000	-18.00000	-3.00000	0.0037114	-3.3442	-20.511E-6	-0.013562	0.0
	-7.00000	-18.00000	-3.00000	0.0035000	-3.3442	-23.019E-6	-0.014552	0.0
	-6.00000	-18.00000	-3.00000	0.0032283	-3.3442	-25.861E-6	-0.015621	0.0
	-5.00000	-18.00000	-3.00000	0.0028885	-3.3442	-29.083E-6	-0.016773	0.0
	-4.00000	-18.00000	-3.00000	0.0024726	-3.3442	-32.733E-6	-0.018014	0.0
	-3.00000	-18.00000	-3.00000	0.0019728	-3.3442	-36.868E-6	-0.019348	0.0
	-2.00000	-18.00000	-3.00000	0.0013814	-3.3442	-41.546E-6	-0.020778	0.0
	-1.00000	-18.00000	-3.00000	691.61E-6	-3.3442	-46.832E-6	-0.022307	0.0
	0.00000	-18.00000	-3.00000	-102.22E-6	-3.3442	-52.794E-6	-0.023936	0.0
	1.00000	-18.00000	-3.00000	-0.0010038	-3.3442	-59.502E-6	-0.025664	0.0
	2.00000	-18.00000	-3.00000	-0.0020141	-3.3442	-67.026E-6	-0.027488	0.0
	3.00000	-18.00000	-3.00000	-0.0031310	-3.3442	-75.431E-6	-0.029402	0.0
	4.00000	-18.00000	-3.00000	-0.0043482	-3.3442	-84.777E-6	-0.031397	0.0
	5.00000	-18.00000	-3.00000	-0.0056545	-3.3442	-95.108E-6	-0.033458	0.0
	6.00000	-18.00000	-3.00000	-0.0070332	-3.3442	-106.45E-6	-0.035567	0.0
	7.00000	-18.00000	-3.00000	-0.0084621	-3.3442	-118.79E-6	-0.037702	0.0
	8.00000	-18.00000	-3.00000	-0.0099128	-3.3442	-132.10E-6	-0.039834	0.0
	9.00000	-18.00000	-3.00000	-0.011352	-3.3442	-146.27E-6	-0.041930	0.0
	10.00000	-18.00000	-3.00000	-0.012741	-3.3442	-161.15E-6	-0.043953	0.0
	11.00000	-18.00000	-3.00000	-0.014040	-3.3442	-176.51E-6	-0.045861	0.0
	12.00000	-18.00000	-3.00000	-0.015206	-3.3442	-192.07E-6	-0.047613	0.0
	13.00000	-18.00000	-3.00000	-0.016199	-3.3442	-207.45E-6	-0.049164	0.0
	14.00000	-18.00000	-3.00000	-0.016982	-3.3442	-222.21E-6	-0.050474	0.0
	15.00000	-18.00000	-3.00000	-0.017526	-3.3442	-235.86E-6	-0.051505	0.0
	16.00000	-18.00000	-3.00000	-0.017808	-3.3442	-247.89E-6	-0.052226	0.0
	17.00000	-18.00000	-3.00000	-0.017818	-3.3442	-257.81E-6	-0.052615	0.0
	18.00000	-18.00000	-3.00000	-0.017556	-3.3442	-265.17E-6	-0.052658	0.0
	19.00000	-18.00000	-3.00000	-0.017033	-3.3442	-269.62E-6	-0.052354	0.0
	20.00000	-18.00000	-3.00000	-0.016270	-3.3442	-270.92E-6	-0.051713	0.0
	21.00000	-18.00000	-3.00000	-0.015297	-3.3442	-269.01E-6	-0.050753	0.0
	22.00000	-18.00000	-3.00000	-0.014151	-3.3442	-263.99E-6	-0.049503	0.0
	23.00000	-18.00000	-3.00000	-0.012872	-3.3442	-256.08E-6	-0.048000	0.0
	24.00000	-18.00000	-3.00000	-0.011501	-3.3442	-245.66E-6	-0.046284	0.0
	25.00000	-18.00000	-3.00000	-0.010079	-3.3442	-233.19E-6	-0.044400	0.0
	26.00000	-18.00000	-3.00000	-0.0086425	-3.3442	-219.19E-6	-0.042390	0.0
	27.00000	-18.00000	-3.00000	-0.0072258	-3.3442	-204.16E-6	-0.040298	0.0
	28.00000	-18.00000	-3.00000	-0.0058565	-3.3442	-188.59E-6	-0.038161	0.0
	29.00000	-18.00000	-3.00000	-0.0045568	-3.3442	-172.93E-6	-0.036016	0.0
	30.00000	-18.00000	-3.00000	-0.0033434	-3.3442	-157.53E-6	-0.033891	0.0
	31.00000	-18.00000	-3.00000	-0.0022276	-3.3442	-142.69E-6	-0.031812	0.0
	32.00000	-18.00000	-3.00000	-0.0012159	-3.3442	-128.62E-6	-0.029796	0.0
	33.00000	-18.00000	-3.00000	-310.89E-6	-3.3442	-115.45E-6	-0.027860	0.0
	34.00000	-18.00000	-3.00000	488.29E-6	-3.3442	-103.29E-6	-0.026013	0.0
	35.00000	-18.00000	-3.00000	0.0011850	-3.3442	-92.144E-6	-0.024262	0.0
	36.00000	-18.00000	-3.00000	0.0017844	-3.3442	-82.026E-6	-0.022611	0.0
	37.00000	-18.00000	-3.00000	0.0022931	-3.3442	-72.899E-6	-0.021061	0.0
	38.00000	-18.00000	-3.00000	0.0027184	-3.3442	-64.711E-6	-0.019610	0.0
	39.00000	-18.00000	-3.00000	0.0030679	-3.3442	-57.399E-6	-0.018257	0.0
	40.00000	-18.00000	-3.00000	0.0033496	-3.3442	-50.893E-6	-0.016997	0.0
	41.00000	-18.00000	-3.00000	0.0035709	-3.3442	-45.120E-6	-0.015828	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 [-]
	42.00000	-18.00000	-3.00000	0.0037390	-3.3442	-40.010E-6	-0.014743	0.0
	43.00000	-18.00000	-3.00000	0.0038609	-3.3442	-35.493E-6	-0.013739	0.0
	44.00000	-18.00000	-3.00000	0.0039426	-3.3442	-31.506E-6	-0.012809	0.0
	45.00000	-18.00000	-3.00000	0.0039900	-3.3442	-27.989E-6	-0.011949	0.0
	-10.00000	-17.00000	-3.00000	0.0038973	-3.3442	-17.677E-6	-0.012442	0.0
	-9.00000	-17.00000	-3.00000	0.0037435	-3.3442	-19.863E-6	-0.013370	0.0
	-8.00000	-17.00000	-3.00000	0.0035340	-3.3442	-22.352E-6	-0.014377	0.0
	-7.00000	-17.00000	-3.00000	0.0032601	-3.3442	-25.187E-6	-0.015471	0.0
	-6.00000	-17.00000	-3.00000	0.0029124	-3.3442	-28.421E-6	-0.016657	0.0
	-5.00000	-17.00000	-3.00000	0.0024808	-3.3442	-32.109E-6	-0.017943	0.0
	-4.00000	-17.00000	-3.00000	0.0019548	-3.3442	-36.316E-6	-0.019336	0.0
	-3.00000	-17.00000	-3.00000	0.0013237	-3.3442	-41.114E-6	-0.020842	0.0
	-2.00000	-17.00000	-3.00000	577.01E-6	-3.3442	-46.584E-6	-0.022465	0.0
	-1.00000	-17.00000	-3.00000	-295.08E-6	-3.3442	-52.813E-6	-0.024213	0.0
	0.00000	-17.00000	-3.00000	-0.0013010	-3.3442	-59.896E-6	-0.026086	0.0
	1.00000	-17.00000	-3.00000	-0.0024470	-3.3442	-67.935E-6	-0.028087	0.0
	2.00000	-17.00000	-3.00000	-0.0037363	-3.3442	-77.034E-6	-0.030214	0.0
	3.00000	-17.00000	-3.00000	-0.0051678	-3.3442	-87.296E-6	-0.032462	0.0
	4.00000	-17.00000	-3.00000	-0.0067352	-3.3442	-98.819E-6	-0.034822	0.0
	5.00000	-17.00000	-3.00000	-0.0084257	-3.3442	-111.69E-6	-0.037279	0.0
	6.00000	-17.00000	-3.00000	-0.010219	-3.3442	-125.97E-6	-0.039813	0.0
	7.00000	-17.00000	-3.00000	-0.012087	-3.3442	-141.68E-6	-0.042396	0.0
	8.00000	-17.00000	-3.00000	-0.013994	-3.3442	-158.81E-6	-0.044994	0.0
	9.00000	-17.00000	-3.00000	-0.015894	-3.3442	-177.25E-6	-0.047568	0.0
	10.00000	-17.00000	-3.00000	-0.017738	-3.3442	-196.84E-6	-0.050068	0.0
	11.00000	-17.00000	-3.00000	-0.019468	-3.3442	-217.30E-6	-0.052441	0.0
	12.00000	-17.00000	-3.00000	-0.021026	-3.3442	-238.25E-6	-0.054633	0.0
	13.00000	-17.00000	-3.00000	-0.022357	-3.3442	-259.17E-6	-0.056584	0.0
	14.00000	-17.00000	-3.00000	-0.023409	-3.3442	-279.45E-6	-0.058238	0.0
	15.00000	-17.00000	-3.00000	-0.024138	-3.3442	-298.38E-6	-0.059545	0.0
	16.00000	-17.00000	-3.00000	-0.024516	-3.3442	-315.22E-6	-0.060462	0.0
	17.00000	-17.00000	-3.00000	-0.024526	-3.3442	-329.19E-6	-0.060957	0.0
	18.00000	-17.00000	-3.00000	-0.024168	-3.3442	-339.61E-6	-0.061013	0.0
	19.00000	-17.00000	-3.00000	-0.023458	-3.3442	-345.93E-6	-0.060627	0.0
	20.00000	-17.00000	-3.00000	-0.022428	-3.3442	-347.81E-6	-0.059811	0.0
	21.00000	-17.00000	-3.00000	-0.021119	-3.3442	-345.11E-6	-0.058594	0.0
	22.00000	-17.00000	-3.00000	-0.019582	-3.3442	-337.99E-6	-0.057014	0.0
	23.00000	-17.00000	-3.00000	-0.017875	-3.3442	-326.82E-6	-0.055120	0.0
	24.00000	-17.00000	-3.00000	-0.016053	-3.3442	-312.17E-6	-0.052970	0.0
	25.00000	-17.00000	-3.00000	-0.014173	-3.3442	-294.76E-6	-0.050621	0.0
	26.00000	-17.00000	-3.00000	-0.012284	-3.3442	-275.36E-6	-0.048132	0.0
	27.00000	-17.00000	-3.00000	-0.010431	-3.3442	-254.72E-6	-0.045558	0.0
	28.00000	-17.00000	-3.00000	-0.0086490	-3.3442	-233.57E-6	-0.042949	0.0
	29.00000	-17.00000	-3.00000	-0.0069670	-3.3442	-212.52E-6	-0.040348	0.0
	30.00000	-17.00000	-3.00000	-0.0054047	-3.3442	-192.05E-6	-0.037791	0.0
	31.00000	-17.00000	-3.00000	-0.0039749	-3.3442	-172.55E-6	-0.035308	0.0
	32.00000	-17.00000	-3.00000	-0.0026844	-3.3442	-154.27E-6	-0.032920	0.0
	33.00000	-17.00000	-3.00000	-0.0015345	-3.3442	-137.37E-6	-0.030642	0.0
	34.00000	-17.00000	-3.00000	-522.47E-6	-3.3442	-121.93E-6	-0.028486	0.0
	35.00000	-17.00000	-3.00000	357.55E-6	-3.3442	-107.94E-6	-0.026456	0.0
	36.00000	-17.00000	-3.00000	0.0011136	-3.3442	-95.371E-6	-0.024555	0.0
	37.00000	-17.00000	-3.00000	0.0017550	-3.3442	-84.151E-6	-0.022781	0.0
	38.00000	-17.00000	-3.00000	0.0022919	-3.3442	-74.186E-6	-0.021133	0.0
	39.00000	-17.00000	-3.00000	0.0027348	-3.3442	-65.372E-6	-0.019604	0.0
	40.00000	-17.00000	-3.00000	0.0030939	-3.3442	-57.599E-6	-0.018190	0.0
	41.00000	-17.00000	-3.00000	0.0033791	-3.3442	-50.762E-6	-0.016884	0.0
	42.00000	-17.00000	-3.00000	0.0035997	-3.3442	-44.759E-6	-0.015679	0.0
	43.00000	-17.00000	-3.00000	0.0037642	-3.3442	-39.494E-6	-0.014569	0.0
	44.00000	-17.00000	-3.00000	0.0038804	-3.3442	-34.880E-6	-0.013546	0.0
	45.00000	-17.00000	-3.00000	0.0039554	-3.3442	-30.838E-6	-0.012604	0.0
	-10.00000	-16.00000	-3.00000	0.0037868	-3.3442	-19.090E-6	-0.013110	0.0
	-9.00000	-16.00000	-3.00000	0.0035851	-3.3442	-21.531E-6	-0.014125	0.0
	-8.00000	-16.00000	-3.00000	0.0033163	-3.3442	-24.324E-6	-0.015231	0.0
	-7.00000	-16.00000	-3.00000	0.0029695	-3.3442	-27.526E-6	-0.016439	0.0
	-6.00000	-16.00000	-3.00000	0.0025327	-3.3442	-31.198E-6	-0.017755	0.0
	-5.00000	-16.00000	-3.00000	0.0019928	-3.3442	-35.414E-6	-0.019190	0.0
	-4.00000	-16.00000	-3.00000	0.0013361	-3.3442	-40.256E-6	-0.020752	0.0
	-3.00000	-16.00000	-3.00000	548.18E-6	-3.3442	-45.818E-6	-0.022451	0.0
	-2.00000	-16.00000	-3.00000	-385.40E-6	-3.3442	-52.208E-6	-0.024296	0.0
	-1.00000	-16.00000	-3.00000	-0.0014785	-3.3442	-59.545E-6	-0.026293	0.0
	0.00000	-16.00000	-3.00000	-0.0027437	-3.3442	-67.959E-6	-0.028451	0.0
	1.00000	-16.00000	-3.00000	-0.0041911	-3.3442	-77.596E-6	-0.030771	0.0
	2.00000	-16.00000	-3.00000	-0.0058272	-3.3442	-88.609E-6	-0.033257	0.0
	3.00000	-16.00000	-3.00000	-0.0076533	-3.3442	-101.15E-6	-0.035905	0.0
	4.00000	-16.00000	-3.00000	-0.0096639	-3.3442	-115.39E-6	-0.038707	0.0
	5.00000	-16.00000	-3.00000	-0.011845	-3.3442	-131.47E-6	-0.041648	0.0
	6.00000	-16.00000	-3.00000	-0.014173	-3.3442	-149.51E-6	-0.044706	0.0
	7.00000	-16.00000	-3.00000	-0.016613	-3.3442	-169.61E-6	-0.047849	0.0
	8.00000	-16.00000	-3.00000	-0.019118	-3.3442	-191.77E-6	-0.051038	0.0
	9.00000	-16.00000	-3.00000	-0.021628	-3.3442	-215.95E-6	-0.054219	0.0
	10.00000	-16.00000	-3.00000	-0.024076	-3.3442	-241.95E-6	-0.057334	0.0
	11.00000	-16.00000	-3.00000	-0.026384	-3.3442	-269.45E-6	-0.060313	0.0
	12.00000	-16.00000	-3.00000	-0.028472	-3.3442	-297.95E-6	-0.063081	0.0
	13.00000	-16.00000	-3.00000	-0.030261	-3.3442	-326.76E-6	-0.065559	0.0
	14.00000	-16.00000	-3.00000	-0.031677	-3.3442	-355.02E-6	-0.067672	0.0
	15.00000	-16.00000	-3.00000	-0.032660	-3.3442	-381.68E-6	-0.069348	0.0
	16.00000	-16.00000	-3.00000	-0.033168	-3.3442	-405.60E-6	-0.070527	0.0
	17.00000	-16.00000	-3.00000	-0.033176	-3.3442	-425.63E-6	-0.071167	0.0
	18.00000	-16.00000	-3.00000	-0.032686	-3.3442	-440.66E-6	-0.071240	0.0
	19.00000	-16.00000	-3.00000	-0.031721	-3.3442	-449.84E-6	-0.070743	0.0
	20.00000	-16.00000	-3.00000	-0.030325	-3.3442	-452.58E-6	-0.069694	0.0
	21.00000	-16.00000	-3.00000	-0.028559	-3.3442	-448.69E-6	-0.068132	0.0
	22.00000	-16.00000	-3.00000	-0.026496	-3.3442	-438.41E-6	-0.066111	0.0
	23.00000	-16.00000	-3.00000	-0.024213	-3.3442	-422.33E-6	-0.063701	0.0
	24.00000	-16.00000	-3.00000	-0.021791	-3.3442	-401.38E-6	-0.060979	0.0
	25.00000	-16.00000	-3.00000	-0.019305	-3.3442	-376.67E-6	-0.058024	0.0
	26.00000	-16.00000	-3.00000	-0.016823	-3.3442	-349.39E-6	-0.054916	0.0
	27.00000	-16.00000	-3.00000	-0.014402	-3.3442	-320.68E-6	-0.051725	0.0
	28.00000	-16.00000	-3.00000	-0.012089	-3.3442	-291.59E-6	-0.048517	0.0
	29.00000	-16.00000	-3.00000	-0.0099193	-3.3442	-262.99E-6	-0.045345	0.0
	30.00000	-16.00000	-3.00000	-0.0079156	-3.3442	-235.54E-6	-0.042253	0.0
	31.00000	-16.00000	-3.00000	-0.0060924	-3.3442	-209.71E-6	-0.039275	0.0
	32.00000	-16.00000	-3.00000	-0.0044555	-3.3442	-185.82E-6	-0.036435	0.0
	33.00000	-16.00000	-3.00000	-0.0030040	-3.3442	-164.00E-6	-0.033749	0.0
	34.00000	-16.00000	-3.00000	-0.0017320	-3.3442	-144.31E-6	-0.031226	0.0
	35.00000	-16.00000	-3.00000	-629.84E-6	-3.3442	-126.69E-6	-0.028869	0.0
	36.00000	-16.00000	-3.00000	314.44E-6	-3.3442	-111.05E-6	-0.026678	0.0
	37.00000	-16.00000	-3.00000	0.0011143	-3.3442	-97.233E-6	-0.024649	0.0
	38.00000	-16.00000	-3.00000	0.0017836	-3.3442	-85.093E-6	-0.022775	0.0
	39.00000	-16.00000	-3.00000	0.0023365	-3.3442	-74.462E-6	-0.021049	0.0
	40.00000	-16.00000	-3.00000	0.0027864	-3.3442	-65.177E-6	-0.019461	0.0
	41.00000	-16.00000	-3.00000	0.0031461	-3.3442	-57.084E-6	-0.018003	0.0
	42.00000	-16.00000	-3.00000	0.0034275	-3.3442	-50.037E-6	-0.016666	0.0
	43.00000	-16.00000	-3.00000	0.0036413	-3.3442	-43.907E-6	-0.015439	0.0
	44.00000	-16.00000	-3.00000	0.0037973	-3.3442	-38.576E-6	-0.014315	0.0
	45.00000	-16.00000	-3.00000	0.0039041	-3.3442	-33.938E-6	-0.013285	0.0
	-10.00000	-15.00000	-3.00000	0.0036498	-3.3442	-20.582E-6	-0.013802	0.0
	-9.00000	-15.00000	-3.00000	0.0033932	-3.3442	-23.301E-6	-0.014910	0.0
	-8.00000	-15.00000	-3.00000	0.0030561	-3.3442	-26.430E-6	-0.016124	0.0
	-7.00000	-15.00000	-3.00000	0.0026250	-3.3442	-30.036E-6	-0.017455	0.0
	-6.00000	-15.00000	-3.00000	0.0020845	-3.3442	-34.199E-6	-0.018914	0.0
	-5.00000	-15.00000	-3.00000	0.0014180	-3.3442	-39.008E-6	-0.020513	0.0
	-4.00000	-15.00000	-3.00000	607.25E-6	-3.3442	-44.571E-6	-0.022265	0.0
	-3.00000	-15.00000	-3.00000	-366.78E-6	-3.3442	-51.010E-6	-0.024182	0.0
	-2.00000	-15.00000	-3.00000	-0.0015238	-3.3442	-58.466E-6	-0.026277	0.0
	-1.00000	-15.00000	-3.00000	-0.0028833	-3.3442	-67.098E-6	-0.028562	0.0
	0.00000	-15.00000	-3.00000	-0.0044637	-3.3442	-77.089E-6	-0.031048	0.0
	1.00000	-15.00000	-3.00000	-0.0062809	-3.3442	-88.640E-6	-0.033743	0.0
	2.00000	-15.00000	-3.00000	-0.0083465	-3.3442	-101.97E-6	-0.036654	0.0
	3.00000	-15.00000	-3.00000	-0.010666	-3.3442	-117.33E-6	-0.039781	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 [-]	
	4.00000	-15.00000	-3.00000	-0.013237	-3.3442	-134.95E-6	-0.043118	0.0	
	5.00000	-15.00000	-3.00000	-0.016044	-3.3442	-155.09E-6	-0.046653	0.0	
	6.00000	-15.00000	-3.00000	-0.019061	-3.3442	-177.96E-6	-0.050362	0.0	
	7.00000	-15.00000	-3.00000	-0.022245	-3.3442	-203.77E-6	-0.054210	0.0	
	8.00000	-15.00000	-3.00000	-0.025534	-3.3442	-232.62E-6	-0.058148	0.0	
	9.00000	-15.00000	-3.00000	-0.028854	-3.3442	-264.52E-6	-0.062113	0.0	
	10.00000	-15.00000	-3.00000	-0.032109	-3.3442	-299.31E-6	-0.066027	0.0	
	11.00000	-15.00000	-3.00000	-0.035196	-3.3442	-336.63E-6	-0.069801	0.0	
	12.00000	-15.00000	-3.00000	-0.038002	-3.3442	-375.85E-6	-0.073333	0.0	
	13.00000	-15.00000	-3.00000	-0.040415	-3.3442	-416.05E-6	-0.076517	0.0	
	14.00000	-15.00000	-3.00000	-0.042331	-3.3442	-455.99E-6	-0.079247	0.0	
	15.00000	-15.00000	-3.00000	-0.043662	-3.3442	-494.15E-6	-0.081424	0.0	
	16.00000	-15.00000	-3.00000	-0.044346	-3.3442	-528.77E-6	-0.082962	0.0	
	17.00000	-15.00000	-3.00000	-0.044351	-3.3442	-558.02E-6	-0.083798	0.0	
	18.00000	-15.00000	-3.00000	-0.043677	-3.3442	-580.16E-6	-0.083895	0.0	
	19.00000	-15.00000	-3.00000	-0.042360	-3.3442	-593.75E-6	-0.083248	0.0	
	20.00000	-15.00000	-3.00000	-0.040462	-3.3442	-597.84E-6	-0.081881	0.0	
	21.00000	-15.00000	-3.00000	-0.038072	-3.3442	-592.12E-6	-0.079850	0.0	
	22.00000	-15.00000	-3.00000	-0.035293	-3.3442	-576.96E-6	-0.077234	0.0	
	23.00000	-15.00000	-3.00000	-0.032236	-3.3442	-553.36E-6	-0.074130	0.0	
	24.00000	-15.00000	-3.00000	-0.029011	-3.3442	-522.81E-6	-0.070646	0.0	
	25.00000	-15.00000	-3.00000	-0.025723	-3.3442	-487.11E-6	-0.066893	0.0	
	26.00000	-15.00000	-3.00000	-0.022462	-3.3442	-448.11E-6	-0.062975	0.0	
	27.00000	-15.00000	-3.00000	-0.019304	-3.3442	-407.59E-6	-0.058988	0.0	
	28.00000	-15.00000	-3.00000	-0.016307	-3.3442	-367.07E-6	-0.055016	0.0	
	29.00000	-15.00000	-3.00000	-0.013515	-3.3442	-327.78E-6	-0.051125	0.0	
	30.00000	-15.00000	-3.00000	-0.010954	-3.3442	-290.62E-6	-0.047368	0.0	
	31.00000	-15.00000	-3.00000	-0.0086394	-3.3442	-256.15E-6	-0.043783	0.0	
	32.00000	-15.00000	-3.00000	-0.0065738	-3.3442	-224.71E-6	-0.040395	0.0	
	33.00000	-15.00000	-3.00000	-0.0047527	-3.3442	-196.42E-6	-0.037219	0.0	
	34.00000	-15.00000	-3.00000	-0.0031648	-3.3442	-171.21E-6	-0.034261	0.0	
	35.00000	-15.00000	-3.00000	-0.0017952	-3.3442	-148.96E-6	-0.031521	0.0	
	36.00000	-15.00000	-3.00000	-625.98E-6	-3.3442	-129.44E-6	-0.028994	0.0	
	37.00000	-15.00000	-3.00000	361.63E-6	-3.3442	-112.41E-6	-0.026671	0.0	
	38.00000	-15.00000	-3.00000	0.0011868	-3.3442	-97.618E-6	-0.024541	0.0	
	39.00000	-15.00000	-3.00000	0.0018683	-3.3442	-84.798E-6	-0.022592	0.0	
	40.00000	-15.00000	-3.00000	0.0024237	-3.3442	-73.714E-6	-0.020811	0.0	
	41.00000	-15.00000	-3.00000	0.0028695	-3.3442	-64.142E-6	-0.019185	0.0	
	42.00000	-15.00000	-3.00000	0.0032208	-3.3442	-55.882E-6	-0.017702	0.0	
	43.00000	-15.00000	-3.00000	0.0034911	-3.3442	-48.756E-6	-0.016349	0.0	
	44.00000	-15.00000	-3.00000	0.0036924	-3.3442	-42.606E-6	-0.015115	0.0	
	45.00000	-15.00000	-3.00000	0.0038354	-3.3442	-37.296E-6	-0.013989	0.0	
	-10.00000	-14.00000	-3.00000	0.0034854	-3.3442	-22.149E-6	-0.014515	0.0	
	-9.00000	-14.00000	-3.00000	0.0031665	-3.3442	-25.170E-6	-0.015723	0.0	
	-8.00000	-14.00000	-3.00000	0.0027517	-3.3442	-28.665E-6	-0.017053	0.0	
	-7.00000	-14.00000	-3.00000	0.0022239	-3.3442	-32.717E-6	-0.018518	0.0	
	-6.00000	-14.00000	-3.00000	0.0015639	-3.3442	-37.424E-6	-0.020133	0.0	
	-5.00000	-14.00000	-3.00000	750.39E-6	-3.3442	-42.899E-6	-0.021914	0.0	
	-4.00000	-14.00000	-3.00000	-240.29E-6	-3.3442	-49.277E-6	-0.023876	0.0	
	-3.00000	-14.00000	-3.00000	-0.0014334	-3.3442	-56.715E-6	-0.026037	0.0	
	-2.00000	-14.00000	-3.00000	-0.0028557	-3.3442	-65.398E-6	-0.028416	0.0	
	-1.00000	-14.00000	-3.00000	-0.0045342	-3.3442	-75.541E-6	-0.031030	0.0	
	0.00000	-14.00000	-3.00000	-0.0064956	-3.3442	-87.390E-6	-0.033896	0.0	
	1.00000	-14.00000	-3.00000	-0.0087640	-3.3442	-101.23E-6	-0.037030	0.0	
	2.00000	-14.00000	-3.00000	-0.011359	-3.3442	-117.37E-6	-0.040443	0.0	
	3.00000	-14.00000	-3.00000	-0.014294	-3.3442	-136.17E-6	-0.044144	0.0	
	4.00000	-14.00000	-3.00000	-0.017569	-3.3442	-158.00E-6	-0.048132	0.0	
	5.00000	-14.00000	-3.00000	-0.021174	-3.3442	-183.27E-6	-0.052398	0.0	
	6.00000	-14.00000	-3.00000	-0.025078	-3.3442	-212.37E-6	-0.056919	0.0	
	7.00000	-14.00000	-3.00000	-0.029229	-3.3442	-245.65E-6	-0.061657	0.0	
	8.00000	-14.00000	-3.00000	-0.033552	-3.3442	-283.40E-6	-0.066555	0.0	
	9.00000	-14.00000	-3.00000	-0.037946	-3.3442	-325.77E-6	-0.071536	0.0	
	10.00000	-14.00000	-3.00000	-0.042286	-3.3442	-372.71E-6	-0.076501	0.0	
	11.00000	-14.00000	-3.00000	-0.046427	-3.3442	-423.86E-6	-0.081331	0.0	
	12.00000	-14.00000	-3.00000	-0.050212	-3.3442	-478.47E-6	-0.085891	0.0	
	13.00000	-14.00000	-3.00000	-0.053481	-3.3442	-535.32E-6	-0.090033	0.0	
	14.00000	-14.00000	-3.00000	-0.056085	-3.3442	-592.67E-6	-0.093607	0.0	
	15.00000	-14.00000	-3.00000	-0.057896	-3.3442	-648.24E-6	-0.096473	0.0	
	16.00000	-14.00000	-3.00000	-0.058825	-3.3442	-699.32E-6	-0.098507	0.0	
	17.00000	-14.00000	-3.00000	-0.058823	-3.3442	-742.97E-6	-0.099616	0.0	
	18.00000	-14.00000	-3.00000	-0.057893	-3.3442	-776.32E-6	-0.099748	0.0	
	19.00000	-14.00000	-3.00000	-0.056086	-3.3442	-796.95E-6	-0.098892	0.0	
	20.00000	-14.00000	-3.00000	-0.053494	-3.3442	-803.22E-6	-0.097085	0.0	
	21.00000	-14.00000	-3.00000	-0.050246	-3.3442	-794.60E-6	-0.094407	0.0	
	22.00000	-14.00000	-3.00000	-0.046490	-3.3442	-771.71E-6	-0.090974	0.0	
	23.00000	-14.00000	-3.00000	-0.042385	-3.3442	-736.26E-6	-0.086925	0.0	
	24.00000	-14.00000	-3.00000	-0.038084	-3.3442	-690.75E-6	-0.082413	0.0	
	25.00000	-14.00000	-3.00000	-0.033730	-3.3442	-638.14E-6	-0.077592	0.0	
	26.00000	-14.00000	-3.00000	-0.029445	-3.3442	-581.42E-6	-0.072607	0.0	
	27.00000	-14.00000	-3.00000	-0.025327	-3.3442	-523.32E-6	-0.067584	0.0	
	28.00000	-14.00000	-3.00000	-0.021451	-3.3442	-466.12E-6	-0.062631	0.0	
	29.00000	-14.00000	-3.00000	-0.017868	-3.3442	-411.54E-6	-0.057829	0.0	
	30.00000	-14.00000	-3.00000	-0.014607	-3.3442	-360.74E-6	-0.053240	0.0	
	31.00000	-14.00000	-3.00000	-0.011680	-3.3442	-314.39E-6	-0.048907	0.0	
	32.00000	-14.00000	-3.00000	-0.0090867	-3.3442	-272.78E-6	-0.044853	0.0	
	33.00000	-14.00000	-3.00000	-0.0068148	-3.3442	-235.90E-6	-0.041089	0.0	
	34.00000	-14.00000	-3.00000	-0.0048456	-3.3442	-203.54E-6	-0.037616	0.0	
	35.00000	-14.00000	-3.00000	-0.0031558	-3.3442	-175.37E-6	-0.034428	0.0	
	36.00000	-14.00000	-3.00000	-0.0017199	-3.3442	-150.99E-6	-0.031512	0.0	
	37.00000	-14.00000	-3.00000	-511.38E-6	-3.3442	-129.99E-6	-0.028853	0.0	
	38.00000	-14.00000	-3.00000	495.74E-6	-3.3442	-111.96E-6	-0.026433	0.0	
	39.00000	-14.00000	-3.00000	0.0013262	-3.3442	-96.508E-6	-0.024235	0.0	
	40.00000	-14.00000	-3.00000	0.0020031	-3.3442	-83.290E-6	-0.022239	0.0	
	41.00000	-14.00000	-3.00000	0.0025476	-3.3442	-71.987E-6	-0.020428	0.0	
	42.00000	-14.00000	-3.00000	0.0029785	-3.3442	-62.323E-6	-0.018785	0.0	
	43.00000	-14.00000	-3.00000	0.0033128	-3.3442	-54.056E-6	-0.017295	0.0	
	44.00000	-14.00000	-3.00000	0.0035653	-3.3442	-46.979E-6	-0.015943	0.0	
	45.00000	-14.00000	-3.00000	0.0037490	-3.3442	-40.913E-6	-0.014716	0.0	
	-10.00000	-13.00000	-3.00000	0.0032935	-3.3442	-23.785E-6	-0.015246	0.0	
	-9.00000	-13.00000	-3.00000	0.0029047	-3.3442	-27.131E-6	-0.016560	0.0	
	-8.00000	-13.00000	-3.00000	0.0024020	-3.3442	-31.024E-6	-0.018014	0.0	
	-7.00000	-13.00000	-3.00000	0.0017646	-3.3442	-35.564E-6	-0.019625	0.0	
	-6.00000	-13.00000	-3.00000	968.22E-6	-3.3442	-40.871E-6	-0.021409	0.0	
	-5.00000	-13.00000	-3.00000	-14.339E-6	-3.3442	-47.086E-6	-0.023388	0.0	
	-4.00000	-13.00000	-3.00000	-0.0012134	-3.3442	-54.378E-6	-0.025583	0.0	
	-3.00000	-13.00000	-3.00000	-0.0026624	-3.3442	-62.950E-6	-0.028018	0.0	
	-2.00000	-13.00000	-3.00000	-0.0043971	-3.3442	-73.041E-6	-0.030716	0.0	
	-1.00000	-13.00000	-3.00000	-0.0064548	-3.3442	-84.935E-6	-0.033705	0.0	
	0.00000	-13.00000	-3.00000	-0.0088736	-3.3442	-98.964E-6	-0.037010	0.0	
	1.00000	-13.00000	-3.00000	-0.011689	-3.3442	-115.52E-6	-0.040655	0.0	
	2.00000	-13.00000	-3.00000	-0.014934	-3.3442	-135.05E-6	-0.044664	0.0	
	3.00000	-13.00000	-3.00000	-0.018631	-3.3442	-158.06E-6	-0.049053	0.0	
	4.00000	-13.00000	-3.00000	-0.022791	-3.3442	-185.13E-6	-0.053833	0.0	
	5.00000	-13.00000	-3.00000	-0.027409	-3.3442	-216.89E-6	-0.059000	0.0	
	6.00000	-13.00000	-3.00000	-0.032453	-3.3442	-253.98E-6	-0.064538	0.0	
	7.00000	-13.00000	-3.00000	-0.037864	-3.3442	-297.05E-6	-0.070408	0.0	
	8.00000	-13.00000	-3.00000	-0.043549	-3.3442	-346.69E-6	-0.076545	0.0	
	9.00000	-13.00000	-3.00000	-0.049375	-3.3442	-403.34E-6	-0.082857	0.0	
	10.00000	-13.00000	-3.00000	-0.055175	-3.3442	-467.18E-6	-0.089218	0.0	
	11.00000	-13.00000	-3.00000	-0.060750	-3.3442	-537.99E-6	-0.095470	0.0	
	12.00000	-13.00000	-3.00000	-0.065878	-3.3442	-614.95E-6	-0.10143	0.0	
	13.00000	-13.00000	-3.00000	-0.070331	-3.3442	-696.52E-6	-0.10689	1.0137E-6	
	14.00000	-13.00000	-3.00000	-0.073890	-3.3442	-780.26E-6	-0.11164	1.0556E-6	
	15.00000	-13.00000	-3.00000	-0.076371	-3.3442	-862.76E-6	-0.11547	1.0885E-6	
	16.00000	-13.00000	-3.00000	-0.077639	-3.3442	-939.77E-6	-0.11820	1.1109E-6	
	17.00000	-13.00000	-3.00000	-0.077626	-3.3442	-0.0010065	-0.11970	1.1218E-6	
	18.00000	-13.00000	-3.00000	-0.076334	-3.3442	-0.0010580	-0.11988	1.1205E-6	
	19.00000	-13.00000	-3.00000	-0.073840	-3.3442	-0.0010901	-0.11873	1.1072E-6	
	20.00000	-13.00000	-3.00000	-0.070281	-3.3442	-0.0011000	-0.11630	1.0827E-6	
	21.00000	-13.00000	-3.00000	-0.065846	-3.3442	-0.0010867	-0.11272	1.0481E-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 [-]
	22.00000	-13.00000	-3.00000	-0.060749	-3.3442	-0.0010512	-0.10814	1.0050E-6
	23.00000	-13.00000	-3.00000	-0.055218	-3.3442	-996.56E-6	-0.10278	0.0
	24.00000	-13.00000	-3.00000	-0.049468	-3.3442	-927.15E-6	-0.096863	0.0
	25.00000	-13.00000	-3.00000	-0.043696	-3.3442	-847.94E-6	-0.090600	0.0
	26.00000	-13.00000	-3.00000	-0.038063	-3.3442	-763.84E-6	-0.084191	0.0
	27.00000	-13.00000	-3.00000	-0.032699	-3.3442	-679.15E-6	-0.077807	0.0
	28.00000	-13.00000	-3.00000	-0.027694	-3.3442	-597.25E-6	-0.071583	0.0
	29.00000	-13.00000	-3.00000	-0.023106	-3.3442	-520.53E-6	-0.065621	0.0
	30.00000	-13.00000	-3.00000	-0.018967	-3.3442	-450.44E-6	-0.059990	0.0
	31.00000	-13.00000	-3.00000	-0.015282	-3.3442	-387.64E-6	-0.054732	0.0
	32.00000	-13.00000	-3.00000	-0.012042	-3.3442	-332.26E-6	-0.049867	0.0
	33.00000	-13.00000	-3.00000	-0.0092241	-3.3442	-284.00E-6	-0.045399	0.0
	34.00000	-13.00000	-3.00000	-0.0067975	-3.3442	-242.34E-6	-0.041318	0.0
	35.00000	-13.00000	-3.00000	-0.0047277	-3.3442	-206.62E-6	-0.037606	0.0
	36.00000	-13.00000	-3.00000	-0.0029779	-3.3442	-176.15E-6	-0.034242	0.0
	37.00000	-13.00000	-3.00000	-0.0015116	-3.3442	-150.26E-6	-0.031200	0.0
	38.00000	-13.00000	-3.00000	-293.94E-6	-3.3442	-128.30E-6	-0.028453	0.0
	39.00000	-13.00000	-3.00000	707.74E-6	-3.3442	-109.71E-6	-0.025976	0.0
	40.00000	-13.00000	-3.00000	0.0015233	-3.3442	-93.979E-6	-0.023742	0.0
	41.00000	-13.00000	-3.00000	0.0021795	-3.3442	-80.662E-6	-0.021729	0.0
	42.00000	-13.00000	-3.00000	0.0027002	-3.3442	-69.382E-6	-0.019913	0.0
	43.00000	-13.00000	-3.00000	0.0031063	-3.3442	-59.817E-6	-0.018275	0.0
	44.00000	-13.00000	-3.00000	0.0034160	-3.3442	-51.695E-6	-0.016797	0.0
	45.00000	-13.00000	-3.00000	0.0036451	-3.3442	-44.786E-6	-0.015460	0.0
	-10.00000	-12.00000	-3.00000	0.0030747	-3.3442	-25.481E-6	-0.015991	0.0
	-9.00000	-12.00000	-3.00000	0.0026081	-3.3442	-29.175E-6	-0.017418	0.0
	-8.00000	-12.00000	-3.00000	0.0020075	-3.3442	-33.497E-6	-0.019004	0.0
	-7.00000	-12.00000	-3.00000	0.0012469	-3.3442	-38.567E-6	-0.020770	0.0
	-6.00000	-12.00000	-3.00000	296.31E-6	-3.3442	-44.531E-6	-0.022738	0.0
	-5.00000	-12.00000	-3.00000	-878.61E-6	-3.3442	-51.563E-6	-0.024933	0.0
	-4.00000	-12.00000	-3.00000	-0.0023168	-3.3442	-59.875E-6	-0.027384	0.0
	-3.00000	-12.00000	-3.00000	-0.0040617	-3.3442	-69.723E-6	-0.030122	0.0
	-2.00000	-12.00000	-3.00000	-0.0061610	-3.3442	-81.417E-6	-0.033180	0.0
	-1.00000	-12.00000	-3.00000	-0.0086658	-3.3442	-95.328E-6	-0.036594	0.0
	0.00000	-12.00000	-3.00000	-0.011629	-3.3442	-111.90E-6	-0.040403	0.0
	1.00000	-12.00000	-3.00000	-0.015104	-3.3442	-131.67E-6	-0.044645	0.0
	2.00000	-12.00000	-3.00000	-0.019140	-3.3442	-155.26E-6	-0.049356	0.0
	3.00000	-12.00000	-3.00000	-0.023778	-3.3442	-183.41E-6	-0.054570	0.0
	4.00000	-12.00000	-3.00000	-0.029044	-3.3442	-216.97E-6	-0.060313	0.0
	5.00000	-12.00000	-3.00000	-0.034944	-3.3442	-256.91E-6	-0.066595	0.0
	6.00000	-12.00000	-3.00000	-0.041451	-3.3442	-304.28E-6	-0.073412	0.0
	7.00000	-12.00000	-3.00000	-0.048501	-3.3442	-360.19E-6	-0.080729	0.0
	8.00000	-12.00000	-3.00000	-0.055980	-3.3442	-425.76E-6	-0.088478	0.0
	9.00000	-12.00000	-3.00000	-0.063720	-3.3442	-501.96E-6	-0.096550	0.0
	10.00000	-12.00000	-3.00000	-0.071496	-3.3442	-589.48E-6	-0.10479	0.0
	11.00000	-12.00000	-3.00000	-0.079033	-3.3442	-688.48E-6	-0.11298	1.0742E-6
	12.00000	-12.00000	-3.00000	-0.086017	-3.3442	-798.29E-6	-0.12087	1.1456E-6
	13.00000	-12.00000	-3.00000	-0.092118	-3.3442	-917.10E-6	-0.12818	1.2107E-6
	14.00000	-12.00000	-3.00000	-0.097018	-3.3442	-0.0010416	-0.13458	1.2666E-6
	15.00000	-12.00000	-3.00000	-0.10044	-3.3442	-0.0011666	-0.13979	1.3106E-6
	16.00000	-12.00000	-3.00000	-0.10219	-3.3442	-0.0012855	-0.14353	1.3404E-6
	17.00000	-12.00000	-3.00000	-0.10215	-3.3442	-0.0013902	-0.14559	1.3546E-6
	18.00000	-12.00000	-3.00000	-0.10035	-3.3442	-0.0014721	-0.14585	1.3522E-6
	19.00000	-12.00000	-3.00000	-0.096880	-3.3442	-0.0015238	-0.14427	1.3337E-6
	20.00000	-12.00000	-3.00000	-0.091962	-3.3442	-0.0015399	-0.14095	1.2999E-6
	21.00000	-12.00000	-3.00000	-0.085871	-3.3442	-0.0015185	-0.13606	1.2529E-6
	22.00000	-12.00000	-3.00000	-0.078922	-3.3442	-0.0014618	-0.12986	1.1951E-6
	23.00000	-12.00000	-3.00000	-0.071441	-3.3442	-0.0013751	-0.12266	1.1291E-6
	24.00000	-12.00000	-3.00000	-0.063734	-3.3442	-0.0012664	-0.11478	1.0578E-6
	25.00000	-12.00000	-3.00000	-0.056068	-3.3442	-0.0011443	-0.10654	0.0
	26.00000	-12.00000	-3.00000	-0.048662	-3.3442	-0.0010170	-0.098210	0.0
	27.00000	-12.00000	-3.00000	-0.041677	-3.3442	-891.32E-6	-0.090019	0.0
	28.00000	-12.00000	-3.00000	-0.035225	-3.3442	-772.35E-6	-0.082140	0.0
	29.00000	-12.00000	-3.00000	-0.029368	-3.3442	-663.24E-6	-0.074693	0.0
	30.00000	-12.00000	-3.00000	-0.024133	-3.3442	-565.63E-6	-0.067750	0.0
	31.00000	-12.00000	-3.00000	-0.019514	-3.3442	-479.98E-6	-0.061350	0.0
	32.00000	-12.00000	-3.00000	-0.015487	-3.3442	-405.90E-6	-0.055499	0.0
	33.00000	-12.00000	-3.00000	-0.012012	-3.3442	-342.55E-6	-0.050187	0.0
	34.00000	-12.00000	-3.00000	-0.0090411	-3.3442	-288.81E-6	-0.045388	0.0
	35.00000	-12.00000	-3.00000	-0.0065236	-3.3442	-243.49E-6	-0.041068	0.0
	36.00000	-12.00000	-3.00000	-0.0044076	-3.3442	-205.42E-6	-0.037189	0.0
	37.00000	-12.00000	-3.00000	0.0026435	-3.3442	-173.53E-6	-0.033712	0.0
	38.00000	-12.00000	-3.00000	-0.0011845	-3.3442	-146.84E-6	-0.030598	0.0
	39.00000	-12.00000	-3.00000	11.881E-6	-3.3442	-124.52E-6	-0.027811	0.0
	40.00000	-12.00000	-3.00000	983.96E-6	-3.3442	-105.84E-6	-0.025317	0.0
	41.00000	-12.00000	-3.00000	0.0017656	-3.3442	-90.192E-6	-0.023082	0.0
	42.00000	-12.00000	-3.00000	0.0023864	-3.3442	-77.067E-6	-0.021080	0.0
	43.00000	-12.00000	-3.00000	0.0028722	-3.3442	-66.037E-6	-0.019284	0.0
	44.00000	-12.00000	-3.00000	0.0032452	-3.3442	-56.747E-6	-0.017670	0.0
	45.00000	-12.00000	-3.00000	0.0035242	-3.3442	-48.906E-6	-0.016219	0.0
	-10.00000	-11.00000	-3.00000	0.0028302	-3.3442	-27.227E-6	-0.016746	0.0
	-9.00000	-11.00000	-3.00000	0.0022783	-3.3442	-31.290E-6	-0.018291	0.0
	-8.00000	-11.00000	-3.00000	0.0015695	-3.3442	-36.071E-6	-0.020017	0.0
	-7.00000	-11.00000	-3.00000	672.20E-6	-3.3442	-41.711E-6	-0.021948	0.0
	-6.00000	-11.00000	-3.00000	-450.70E-6	-3.3442	-48.387E-6	-0.024112	0.0
	-5.00000	-11.00000	-3.00000	-0.0018422	-3.3442	-56.314E-6	-0.026542	0.0
	-4.00000	-11.00000	-3.00000	-0.0035517	-3.3442	-65.754E-6	-0.029272	0.0
	-3.00000	-11.00000	-3.00000	-0.0056354	-3.3442	-77.028E-6	-0.032345	0.0
	-2.00000	-11.00000	-3.00000	-0.0081561	-3.3442	-90.532E-6	-0.035804	0.0
	-1.00000	-11.00000	-3.00000	-0.011183	-3.3442	-106.75E-6	-0.039699	0.0
	0.00000	-11.00000	-3.00000	-0.014789	-3.3442	-126.27E-6	-0.044084	0.0
	1.00000	-11.00000	-3.00000	-0.019051	-3.3442	-149.81E-6	-0.049017	0.0
	2.00000	-11.00000	-3.00000	-0.024044	-3.3442	-178.24E-6	-0.054555	0.0
	3.00000	-11.00000	-3.00000	-0.029834	-3.3442	-212.62E-6	-0.060756	0.0
	4.00000	-11.00000	-3.00000	-0.036474	-3.3442	-254.19E-6	-0.067670	0.0
	5.00000	-11.00000	-3.00000	-0.043990	-3.3442	-304.42E-6	-0.075334	0.0
	6.00000	-11.00000	-3.00000	-0.052370	-3.3442	-364.97E-6	-0.083763	0.0
	7.00000	-11.00000	-3.00000	-0.061550	-3.3442	-437.73E-6	-0.092941	0.0
	8.00000	-11.00000	-3.00000	-0.071397	-3.3442	-524.65E-6	-0.10280	0.0
	9.00000	-11.00000	-3.00000	-0.081700	-3.3442	-627.72E-6	-0.11323	1.0803E-6
	10.00000	-11.00000	-3.00000	-0.092160	-3.3442	-748.61E-6	-0.12401	1.1796E-6
	11.00000	-11.00000	-3.00000	-0.10240	-3.3442	-888.41E-6	-0.13489	1.2787E-6
	12.00000	-11.00000	-3.00000	-0.11197	-3.3442	-0.0010471	-0.14550	1.3740E-6
	13.00000	-11.00000	-3.00000	-0.12039	-3.3442	-0.0012228	-0.15544	1.4616E-6
	14.00000	-11.00000	-3.00000	-0.12718	-3.3442	-0.0014113	-0.16424	1.5374E-6
	15.00000	-11.00000	-3.00000	-0.13195	-3.3442	-0.0016052	-0.17145	1.5971E-6
	16.00000	-11.00000	-3.00000	-0.13437	-3.3442	-0.0017936	-0.17667	1.6374E-6
	17.00000	-11.00000	-3.00000	-0.13431	-3.3442	-0.0019628	-0.17956	1.6560E-6
	18.00000	-11.00000	-3.00000	-0.13176	-3.3442	-0.0020975	-0.17993	1.6516E-6
	19.00000	-11.00000	-3.00000	-0.12690	-3.3442	-0.0021835	-0.17774	1.6249E-6
	20.00000	-11.00000	-3.00000	-0.12005	-3.3442	-0.0022106	-0.17310	1.5775E-6
	21.00000	-11.00000	-3.00000	-0.11163	-3.3442	-0.0021752	-0.16630	1.5125E-6
	22.00000	-11.00000	-3.00000	-0.10211	-3.3442	-0.0020812	-0.15774	1.4335E-6
	23.00000	-11.00000	-3.00000	-0.091944	-3.3442	-0.0019392	-0.14788	1.3447E-6
	24.00000	-11.00000	-3.00000	-0.081581	-3.3442	-0.0017637	-0.13723	1.2500E-6
	25.00000	-11.00000	-3.00000	-0.071384	-3.3442	-0.0015704	-0.12623	1.1529E-6
	26.00000	-11.00000	-3.00000	-0.061641	-3.3442	-0.0013734	-0.11528	1.0564E-6
	27.00000	-11.00000	-3.00000	-0.052555	-3.3442	-0.0011835	-0.10467	0.0
	28.00000	-11.00000	-3.00000	-0.044253	-3.3442	-0.0010080	-0.094622	0.0
	29.00000	-11.00000	-3.00000	-0.036798	-3.3442	-851.08E-6	-0.085264	0.0
	30.00000	-11.00000	-3.00000	-0.030203	-3.3442	-713.99E-6	-0.076669	0.0
	31.00000	-11.00000	-3.00000	-0.024441	-3.3442	-596.43E-6	-0.068855	0.0
	32.00000	-11.00000	-3.00000	-0.019463	-3.3442	-496.96E-6	-0.061807	0.0
	33.00000	-11.00000	-3.00000	-0.015204	-3.3442	-413.61E-6	-0.055487	0.0
	34.00000	-11.00000	-3.00000	-0.011591	-3.3442	-344.24E-6	-0.049844	0.0
	35.00000	-11.00000	-3.00000	-0.0085517	-3.3442	-286.77E-6	-0.044818	0.0
	36.00000	-11.00000	-3.00000	-0.0060131	-3.3442	-239.27E-6	-0.040352	0.0
	37.00000	-11.00000	-3.00000	-0.0039082	-3.3442	-200.07E-6	-0.036385	0.0
	38.00000	-11.00000	-3.00000	-0.0021756	-3.3442	-167.72E-6	-0.032863	0.0
	39.00000	-11.00000	-3.00000	-760.12E-6	-3.3442	-141.00E-6	-0.029735	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 [-]	
	40.00000	-11.00000	-3.00000	386.79E-6	-3.3442	-118.90E-6	-0.026955	0.0	
	41.00000	-11.00000	-3.00000	0.0013076	-3.3442	-100.58E-6	-0.024482	0.0	
	42.00000	-11.00000	-3.00000	0.0020388	-3.3442	-85.369E-6	-0.022280	0.0	
	43.00000	-11.00000	-3.00000	0.0026121	-3.3442	-72.699E-6	-0.020315	0.0	
	44.00000	-11.00000	-3.00000	0.0030539	-3.3442	-62.117E-6	-0.018559	0.0	
	45.00000	-11.00000	-3.00000	0.0033872	-3.3442	-53.252E-6	-0.016988	0.0	
	-10.00000	-10.00000	-3.00000	0.0025623	-3.3442	-29.008E-6	-0.017505	0.0	
	-9.00000	-10.00000	-3.00000	0.0019179	-3.3442	-33.460E-6	-0.019172	0.0	
	-8.00000	-10.00000	-3.00000	0.0010913	-3.3442	-38.725E-6	-0.021044	0.0	
	-7.00000	-10.00000	-3.00000	44.041E-6	-3.3442	-44.974E-6	-0.023150	0.0	
	-6.00000	-10.00000	-3.00000	-0.0012691	-3.3442	-52.417E-6	-0.025523	0.0	
	-5.00000	-10.00000	-3.00000	-0.0029014	-3.3442	-61.314E-6	-0.028204	0.0	
	-4.00000	-10.00000	-3.00000	-0.0049152	-3.3442	-71.988E-6	-0.031238	0.0	
	-3.00000	-10.00000	-3.00000	-0.0073822	-3.3442	-84.840E-6	-0.034676	0.0	
	-2.00000	-10.00000	-3.00000	-0.010384	-3.3442	-100.37E-6	-0.038579	0.0	
	-1.00000	-10.00000	-3.00000	-0.014014	-3.3442	-119.20E-6	-0.043013	0.0	
	0.00000	-10.00000	-3.00000	-0.018371	-3.3442	-142.10E-6	-0.048054	0.0	
	1.00000	-10.00000	-3.00000	-0.023564	-3.3442	-170.04E-6	-0.053784	0.0	
	2.00000	-10.00000	-3.00000	-0.029703	-3.3442	-204.21E-6	-0.060292	0.0	
	3.00000	-10.00000	-3.00000	-0.036893	-3.3442	-246.08E-6	-0.067669	0.0	
	4.00000	-10.00000	-3.00000	-0.045228	-3.3442	-297.48E-6	-0.076005	0.0	
	5.00000	-10.00000	-3.00000	-0.054771	-3.3442	-360.58E-6	-0.085380	0.0	
	6.00000	-10.00000	-3.00000	-0.065538	-3.3442	-438.00E-6	-0.095849	0.0	
	7.00000	-10.00000	-3.00000	-0.077479	-3.3442	-532.80E-6	-0.10743	1.0287E-6	
	8.00000	-10.00000	-3.00000	-0.090451	-3.3442	-648.39E-6	-0.12008	1.1468E-6	
	9.00000	-10.00000	-3.00000	-0.10419	-3.3442	-788.46E-6	-0.13368	1.2726E-6	
	10.00000	-10.00000	-3.00000	-0.11832	-3.3442	-956.63E-6	-0.14798	1.4039E-6	
	11.00000	-10.00000	-3.00000	-0.13230	-3.3442	-0.0011560	-0.16264	1.5367E-6	
	12.00000	-10.00000	-3.00000	-0.14550	-3.3442	-0.0013881	-0.17714	1.6661E-6	
	13.00000	-10.00000	-3.00000	-0.15722	-3.3442	-0.0016523	-0.19091	1.7863E-6	
	14.00000	-10.00000	-3.00000	-0.16673	-3.3442	-0.0019436	-0.20324	1.8908E-6	
	15.00000	-10.00000	-3.00000	-0.17343	-3.3442	-0.0022515	-0.21345	1.9733E-6	
	16.00000	-10.00000	-3.00000	-0.17683	-3.3442	-0.0025589	-0.22089	2.0286E-6	
	17.00000	-10.00000	-3.00000	-0.17671	-3.3442	-0.0028416	-0.22505	2.0529E-6	
	18.00000	-10.00000	-3.00000	-0.17308	-3.3442	-0.0030714	-0.22560	2.0447E-6	
	19.00000	-10.00000	-3.00000	-0.16621	-3.3442	-0.0032204	-0.22247	2.0049E-6	
	20.00000	-10.00000	-3.00000	-0.15659	-3.3442	-0.0032680	-0.21584	1.9367E-6	
	21.00000	-10.00000	-3.00000	-0.14486	-3.3442	-0.0032068	-0.20616	1.8448E-6	
	22.00000	-10.00000	-3.00000	-0.13172	-3.3442	-0.0030447	-0.19408	1.7351E-6	
	23.00000	-10.00000	-3.00000	-0.11785	-3.3442	-0.0028029	-0.18033	1.6138E-6	
	24.00000	-10.00000	-3.00000	-0.10387	-3.3442	-0.0025100	-0.16567	1.4865E-6	
	25.00000	-10.00000	-3.00000	-0.090278	-3.3442	-0.0021951	-0.15078	1.3581E-6	
	26.00000	-10.00000	-3.00000	-0.077457	-3.3442	-0.0018827	-0.13620	1.2327E-6	
	27.00000	-10.00000	-3.00000	-0.065650	-3.3442	-0.0015901	-0.12232	1.1131E-6	
	28.00000	-10.00000	-3.00000	-0.054994	-3.3442	-0.0013276	-0.10940	1.0011E-6	
	29.00000	-10.00000	-3.00000	-0.045539	-3.3442	-0.0010993	-0.097581	0.0	
	30.00000	-10.00000	-3.00000	-0.037268	-3.3442	-905.30E-6	-0.086900	0.0	
	31.00000	-10.00000	-3.00000	-0.030118	-3.3442	-743.16E-6	-0.077340	0.0	
	32.00000	-10.00000	-3.00000	-0.024002	-3.3442	-609.24E-6	-0.068843	0.0	
	33.00000	-10.00000	-3.00000	-0.018817	-3.3442	-499.49E-6	-0.061325	0.0	
	34.00000	-10.00000	-3.00000	-0.014456	-3.3442	-410.01E-6	-0.054695	0.0	
	35.00000	-10.00000	-3.00000	-0.010814	-3.3442	-337.24E-6	-0.048858	0.0	
	36.00000	-10.00000	-3.00000	-0.0077926	-3.3442	-278.14E-6	-0.043725	0.0	
	37.00000	-10.00000	-3.00000	-0.0053025	-3.3442	-230.11E-6	-0.039210	0.0	
	38.00000	-10.00000	-3.00000	-0.0032632	-3.3442	-191.04E-6	-0.035236	0.0	
	39.00000	-10.00000	-3.00000	-0.0016043	-3.3442	-159.19E-6	-0.031735	0.0	
	40.00000	-10.00000	-3.00000	-264.57E-6	-3.3442	-133.15E-6	-0.028647	0.0	
	41.00000	-10.00000	-3.00000	808.66E-6	-3.3442	-111.81E-6	-0.025919	0.0	
	42.00000	-10.00000	-3.00000	0.0016602	-3.3442	-94.257E-6	-0.023503	0.0	
	43.00000	-10.00000	-3.00000	0.0023281	-3.3442	-79.770E-6	-0.021361	0.0	
	44.00000	-10.00000	-3.00000	0.0028443	-3.3442	-67.772E-6	-0.019457	0.0	
	45.00000	-10.00000	-3.00000	0.0032357	-3.3442	-57.797E-6	-0.017761	0.0	
	-10.00000	-9.00000	-3.00000	0.0022742	-3.3442	-30.809E-6	-0.018261	0.0	
	-9.00000	-9.00000	-3.00000	0.0015310	-3.3442	-35.665E-6	-0.020055	0.0	
	-8.00000	-9.00000	-3.00000	577.61E-6	-3.3442	-41.438E-6	-0.022078	0.0	
	-7.00000	-9.00000	-3.00000	-631.76E-6	-3.3442	-48.328E-6	-0.024366	0.0	
	-6.00000	-9.00000	-3.00000	-0.0021521	-3.3442	-56.585E-6	-0.026960	0.0	
	-5.00000	-9.00000	-3.00000	-0.0040487	-3.3442	-66.523E-6	-0.029908	0.0	
	-4.00000	-9.00000	-3.00000	-0.0063991	-3.3442	-78.534E-6	-0.033266	0.0	
	-3.00000	-9.00000	-3.00000	-0.0092940	-3.3442	-93.113E-6	-0.037102	0.0	
	-2.00000	-9.00000	-3.00000	-0.012839	-3.3442	-110.88E-6	-0.041492	0.0	
	-1.00000	-9.00000	-3.00000	-0.017155	-3.3442	-132.64E-6	-0.046525	0.0	
	0.00000	-9.00000	-3.00000	-0.022379	-3.3442	-159.38E-6	-0.052305	0.0	
	1.00000	-9.00000	-3.00000	-0.028659	-3.3442	-192.39E-6	-0.058947	0.0	
	2.00000	-9.00000	-3.00000	-0.036156	-3.3442	-233.29E-6	-0.066584	0.0	
	3.00000	-9.00000	-3.00000	-0.045032	-3.3442	-284.11E-6	-0.075356	0.0	
	4.00000	-9.00000	-3.00000	-0.055440	-3.3442	-347.46E-6	-0.085414	0.0	
	5.00000	-9.00000	-3.00000	-0.067503	-3.3442	-426.58E-6	-0.096904	0.0	
	6.00000	-9.00000	-3.00000	-0.081296	-3.3442	-525.48E-6	-0.10996	1.0541E-6	
	7.00000	-9.00000	-3.00000	-0.096805	-3.3442	-649.05E-6	-0.12466	1.1919E-6	
	8.00000	-9.00000	-3.00000	-0.11390	-3.3442	-803.08E-6	-0.14102	1.3443E-6	
	9.00000	-9.00000	-3.00000	-0.13226	-3.3442	-994.23E-6	-0.15895	1.5099E-6	
	10.00000	-9.00000	-3.00000	-0.15141	-3.3442	-0.0012297	-0.17818	1.6857E-6	
	11.00000	-9.00000	-3.00000	-0.17062	-3.3442	-0.0015164	-0.19824	1.8667E-6	
	12.00000	-9.00000	-3.00000	-0.18898	-3.3442	-0.0018603	-0.21845	2.0458E-6	
	13.00000	-9.00000	-3.00000	-0.20544	-3.3442	-0.0022638	-0.23791	2.2140E-6	
	14.00000	-9.00000	-3.00000	-0.21891	-3.3442	-0.0027233	-0.25559	2.3612E-6	
	15.00000	-9.00000	-3.00000	-0.22843	-3.3442	-0.0032254	-0.27038	2.4775E-6	
	16.00000	-9.00000	-3.00000	-0.23327	-3.3442	-0.0037430	-0.28127	2.5543E-6	
	17.00000	-9.00000	-3.00000	-0.23306	-3.3442	-0.0042338	-0.28741	2.5859E-6	
	18.00000	-9.00000	-3.00000	-0.22782	-3.3442	-0.0046431	-0.28826	2.5700E-6	
	19.00000	-9.00000	-3.00000	-0.21799	-3.3442	-0.0049138	-0.28367	2.5086E-6	
	20.00000	-9.00000	-3.00000	-0.20435	-3.3442	-0.0050016	-0.27394	2.4074E-6	
	21.00000	-9.00000	-3.00000	-0.18786	-3.3442	-0.0048902	-0.25980	2.2745E-6	
	22.00000	-9.00000	-3.00000	-0.16959	-3.3442	-0.0045968	-0.24232	2.1194E-6	
	23.00000	-9.00000	-3.00000	-0.15055	-3.3442	-0.0041669	-0.22270	1.9512E-6	
	24.00000	-9.00000	-3.00000	-0.13162	-3.3442	-0.0036590	-0.20214	1.7783E-6	
	25.00000	-9.00000	-3.00000	-0.11348	-3.3442	-0.0031295	-0.18164	1.6073E-6	
	26.00000	-9.00000	-3.00000	-0.096614	-3.3442	-0.0026214	-0.16197	1.4433E-6	
	27.00000	-9.00000	-3.00000	-0.081296	-3.3442	-0.0021618	-0.14363	1.2896E-6	
	28.00000	-9.00000	-3.00000	-0.067662	-3.3442	-0.0017633	-0.12691	1.1481E-6	
	29.00000	-9.00000	-3.00000	-0.055721	-3.3442	-0.0014280	-0.11191	1.0199E-6	
	30.00000	-9.00000	-3.00000	-0.045402	-3.3442	-0.0011517	-0.098599	0.0	
	31.00000	-9.00000	-3.00000	-0.036585	-3.3442	-927.41E-6	-0.086890	0.0	
	32.00000	-9.00000	-3.00000	-0.029122	-3.3442	-746.95E-6	-0.076645	0.0	
	33.00000	-9.00000	-3.00000	-0.022856	-3.3442	-602.59E-6	-0.067712	0.0	
	34.00000	-9.00000	-3.00000	-0.017631	-3.3442	-487.42E-6	-0.059938	0.0	
	35.00000	-9.00000	-3.00000	-0.013303	-3.3442	-395.61E-6	-0.053176	0.0	
	36.00000	-9.00000	-3.00000	-0.0097378	-3.3442	-322.35E-6	-0.047293	0.0	
	37.00000	-9.00000	-3.00000	-0.0068178	-3.3442	-263.78E-6	-0.042170	0.0	
	38.00000	-9.00000	-3.00000	-0.0044395	-3.3442	-216.83E-6	-0.037702	0.0	
	39.00000	-9.00000	-3.00000	-0.0025137	-3.3442	-179.05E-6	-0.033798	0.0	
	40.00000	-9.00000	-3.00000	-964.04E-6	-3.3442	-148.55E-6	-0.030380	0.0	
	41.00000	-9.00000	-3.00000	273.97E-6	-3.3442	-123.81E-6	-0.027380	0.0	
	42.00000	-9.00000	-3.00000	0.0012547	-3.3442	-103.67E-6	-0.024741	0.0	
	43.00000	-9.00000	-3.00000	0.0020237	-3.3442	-87.199E-6	-0.022413	0.0	
	44.00000	-9.00000	-3.00000	0.0026189	-3.3442	-73.666E-6	-0.020355	0.0	
	45.00000	-9.00000	-3.00000	0.0030720	-3.3442	-62.501E-6	-0.018530	0.0	
	-10.00000	-8.00000	-3.00000	0.0019701	-3.3442	-32.610E-6	-0.019008	0.0	
	-9.00000	-8.00000	-3.00000	0.0011228	-3.3442	-37.881E-6	-0.020930	0.0	
	-8.00000	-8.00000	-3.00000	35.338E-6	-3.3442	-44.178E-6	-0.023109	0.0	
	-7.00000	-8.00000	-3.00000	-0.0013468	-3.3442	-51.737E-6	-0.025585	0.0	
	-6.00000	-8.00000	-3.00000	-0.0030893	-3.3442	-60.850E-6	-0.028408	0.0	
	-5.00000	-8.00000	-3.00000	-0.0052715	-3.3442	-71.890E-6	-0.031636	0.0	
	-4.00000	-8.00000	-3.00000	-0.0079887	-3.3442	-85.331E-6	-0.035339	0.0	
	-3.00000	-8.00000	-3.00000	-0.011354	-3.3442	-101.77E-6	-0.039601	0.0	
	-2.00000	-8.00000	-3.00000	-0.015503	-3.3442	-122.00E-6	-0.044519	0.0	
	-1.00000	-8.00000	-3.00000	-0.020590	-3.3442	-146.99E-6	-0.050211	0.0	
	0.00000	-8.00000	-3.00000	-0.026799	-3.3442	-178.05E-6	-0.056814	0.0	
	1.00000	-8.00000	-3.00000	-0.034332	-3.3442	-216.84E-6	-0.064491	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 [-]
	2.00000	-8.00000	-3.00000	-0.043418	-3.3442	-265.52E-6	-0.073430	0.0
	3.00000	-8.00000	-3.00000	-0.054296	-3.3442	-326.92E-6	-0.083846	0.0
	4.00000	-8.00000	-3.00000	-0.067209	-3.3442	-404.69E-6	-0.095976	0.0
	5.00000	-8.00000	-3.00000	-0.082379	-3.3442	-503.56E-6	-0.11007	1.0565E-6
	6.00000	-8.00000	-3.00000	-0.099976	-3.3442	-629.61E-6	-0.12639	1.2102E-6
	7.00000	-8.00000	-3.00000	-0.12007	-3.3442	-790.56E-6	-0.14516	1.3858E-6
	8.00000	-8.00000	-3.00000	-0.14258	-3.3442	-996.04E-6	-0.16650	1.5843E-6
	9.00000	-8.00000	-3.00000	-0.16718	-3.3442	-0.0012577	-0.19041	1.8048E-6
	10.00000	-8.00000	-3.00000	-0.19325	-3.3442	-0.0015892	-0.21664	2.0440E-6
	11.00000	-8.00000	-3.00000	-0.21982	-3.3442	-0.0020054	-0.24462	2.2955E-6
	12.00000	-8.00000	-3.00000	-0.24559	-3.3442	-0.0025209	-0.27338	2.5488E-6
	13.00000	-8.00000	-3.00000	-0.26897	-3.3442	-0.0031471	-0.30156	2.7899E-6
	14.00000	-8.00000	-3.00000	-0.28829	-3.3442	-0.0038874	-0.32755	3.0025E-6
	15.00000	-8.00000	-3.00000	-0.30202	-3.3442	-0.0047287	-0.34958	3.1701E-6
	16.00000	-8.00000	-3.00000	-0.30899	-3.3442	-0.0056314	-0.36596	3.2783E-6
	17.00000	-8.00000	-3.00000	-0.30862	-3.3442	-0.0065207	-0.37530	3.3179E-6
	18.00000	-8.00000	-3.00000	-0.30096	-3.3442	-0.0072874	-0.37666	3.2859E-6
	19.00000	-8.00000	-3.00000	-0.28673	-3.3442	-0.0078072	-0.36974	3.1868E-6
	20.00000	-8.00000	-3.00000	-0.26713	-3.3442	-0.0079786	-0.35501	3.0312E-6
	21.00000	-8.00000	-3.00000	-0.24372	-3.3442	-0.0077626	-0.33372	2.8339E-6
	22.00000	-8.00000	-3.00000	-0.21811	-3.3442	-0.0072004	-0.30768	2.6103E-6
	23.00000	-8.00000	-3.00000	-0.19181	-3.3442	-0.0063963	-0.27896	2.3744E-6
	24.00000	-8.00000	-3.00000	-0.16608	-3.3442	-0.0054775	-0.24947	2.1377E-6
	25.00000	-8.00000	-3.00000	-0.14183	-3.3442	-0.0045558	-0.22075	1.9089E-6
	26.00000	-8.00000	-3.00000	-0.11964	-3.3442	-0.0037076	-0.19386	1.6937E-6
	27.00000	-8.00000	-3.00000	-0.099819	-3.3442	-0.0029719	-0.16941	1.4960E-6
	28.00000	-8.00000	-3.00000	-0.082442	-3.3442	-0.0023592	-0.14763	1.3173E-6
	29.00000	-8.00000	-3.00000	-0.067441	-3.3442	-0.0018628	-0.12851	1.1581E-6
	30.00000	-8.00000	-3.00000	-0.054650	-3.3442	-0.0014679	-0.11190	1.0175E-6
	31.00000	-8.00000	-3.00000	-0.043853	-3.3442	-0.0011573	-0.097564	0.0
	32.00000	-8.00000	-3.00000	-0.034816	-3.3442	-914.47E-6	-0.085230	0.0
	33.00000	-8.00000	-3.00000	-0.027304	-3.3442	-725.16E-6	-0.074641	0.0
	34.00000	-8.00000	-3.00000	-0.021099	-3.3442	-577.57E-6	-0.065552	0.0
	35.00000	-8.00000	-3.00000	-0.016000	-3.3442	-462.32E-6	-0.057746	0.0
	36.00000	-8.00000	-3.00000	-0.011832	-3.3442	-372.05E-6	-0.051030	0.0
	37.00000	-8.00000	-3.00000	-0.0084393	-3.3442	-301.07E-6	-0.045241	0.0
	38.00000	-8.00000	-3.00000	-0.0056917	-3.3442	-245.00E-6	-0.040239	0.0
	39.00000	-8.00000	-3.00000	-0.0034775	-3.3442	-200.49E-6	-0.035903	0.0
	40.00000	-8.00000	-3.00000	-0.0017029	-3.3442	-164.98E-6	-0.032136	0.0
	41.00000	-8.00000	-3.00000	-289.46E-6	-3.3442	-136.49E-6	-0.028851	0.0
	42.00000	-8.00000	-3.00000	827.97E-6	-3.3442	-113.53E-6	-0.025979	0.0
	43.00000	-8.00000	-3.00000	0.0017034	-3.3442	-94.907E-6	-0.023461	0.0
	44.00000	-8.00000	-3.00000	0.0023813	-3.3442	-79.736E-6	-0.021245	0.0
	45.00000	-8.00000	-3.00000	0.0028986	-3.3442	-67.310E-6	-0.019289	0.0
	-10.00000	-7.00000	-3.00000	0.0016555	-3.3442	-34.389E-6	-0.019736	0.0
	-9.00000	-7.00000	-3.00000	700.40E-6	-3.3442	-40.080E-6	-0.021788	0.0
	-8.00000	-7.00000	-3.00000	-526.77E-6	-3.3442	-46.913E-6	-0.024123	0.0
	-7.00000	-7.00000	-3.00000	-0.0020898	-3.3442	-55.158E-6	-0.026791	0.0
	-6.00000	-7.00000	-3.00000	-0.0040666	-3.3442	-65.157E-6	-0.029849	0.0
	-5.00000	-7.00000	-3.00000	-0.0065523	-3.3442	-77.348E-6	-0.033368	0.0
	-4.00000	-7.00000	-3.00000	-0.0096624	-3.3442	-92.295E-6	-0.037432	0.0
	-3.00000	-7.00000	-3.00000	-0.013537	-3.3442	-110.73E-6	-0.042144	0.0
	-2.00000	-7.00000	-3.00000	-0.018344	-3.3442	-133.59E-6	-0.047628	0.0
	-1.00000	-7.00000	-3.00000	-0.024283	-3.3442	-162.12E-6	-0.054034	0.0
	0.00000	-7.00000	-3.00000	-0.031593	-3.3442	-197.94E-6	-0.061545	0.0
	1.00000	-7.00000	-3.00000	-0.040547	-3.3442	-243.22E-6	-0.070380	0.0
	2.00000	-7.00000	-3.00000	-0.051460	-3.3442	-300.81E-6	-0.080806	0.0
	3.00000	-7.00000	-3.00000	-0.064681	-3.3442	-374.53E-6	-0.093135	0.0
	4.00000	-7.00000	-3.00000	-0.080580	-3.3442	-469.47E-6	-0.10774	1.0355E-6
	5.00000	-7.00000	-3.00000	-0.099530	-3.3442	-592.44E-6	-0.12503	1.1989E-6
	6.00000	-7.00000	-3.00000	-0.12186	-3.3442	-752.53E-6	-0.14547	1.3912E-6
	7.00000	-7.00000	-3.00000	-0.14781	-3.3442	-961.76E-6	-0.16952	1.6161E-6
	8.00000	-7.00000	-3.00000	-0.17741	-3.3442	-0.0012359	-0.19757	1.8767E-6
	9.00000	-7.00000	-3.00000	-0.21039	-3.3442	-0.0015950	-0.22985	2.1740E-6
	10.00000	-7.00000	-3.00000	-0.24604	-3.3442	-0.0020643	-0.26624	2.5053E-6
	11.00000	-7.00000	-3.00000	-0.28309	-3.3442	-0.0026733	-0.30608	2.8625E-6
	12.00000	-7.00000	-3.00000	-0.31965	-3.3442	-0.0034552	-0.34804	3.2304E-6
	13.00000	-7.00000	-3.00000	-0.35332	-3.3442	-0.0044427	-0.39004	3.5864E-6
	14.00000	-7.00000	-3.00000	-0.38146	-3.3442	-0.0056609	-0.42940	3.9027E-6
	15.00000	-7.00000	-3.00000	-0.40158	-3.3442	-0.0071114	-0.46321	4.1505E-6
	16.00000	-7.00000	-3.00000	-0.41180	-3.3442	-0.0087464	-0.48866	4.3049E-6
	17.00000	-7.00000	-3.00000	-0.41116	-3.3442	-0.010438	-0.50337	4.3499E-6
	18.00000	-7.00000	-3.00000	-0.39978	-3.3442	-0.011961	-0.50565	4.2822E-6
	19.00000	-7.00000	-3.00000	-0.37882	-3.3442	-0.013027	-0.49486	4.1125E-6
	20.00000	-7.00000	-3.00000	-0.35028	-3.3442	-0.013384	-0.47173	3.8631E-6
	21.00000	-7.00000	-3.00000	-0.31660	-3.3442	-0.012932	-0.43846	3.5615E-6
	22.00000	-7.00000	-3.00000	-0.28034	-3.3442	-0.011779	-0.39834	3.2339E-6
	23.00000	-7.00000	-3.00000	-0.24377	-3.3442	-0.010184	-0.35500	2.9006E-6
	24.00000	-7.00000	-3.00000	-0.20866	-3.3442	-0.0084402	-0.31167	2.5762E-6
	25.00000	-7.00000	-3.00000	-0.17619	-3.3442	-0.0067768	-0.27069	2.2702E-6
	26.00000	-7.00000	-3.00000	-0.14706	-3.3442	-0.0053236	-0.23345	1.9887E-6
	27.00000	-7.00000	-3.00000	-0.12150	-3.3442	-0.0041252	-0.20055	1.7350E-6
	28.00000	-7.00000	-3.00000	-0.099465	-3.3442	-0.0031735	-0.17204	1.5100E-6
	29.00000	-7.00000	-3.00000	-0.080743	-3.3442	-0.0024352	-0.14764	1.3129E-6
	30.00000	-7.00000	-3.00000	-0.065006	-3.3442	-0.0018704	-0.12691	1.1418E-6
	31.00000	-7.00000	-3.00000	-0.051894	-3.3442	-0.0014412	-0.10938	0.0
	32.00000	-7.00000	-3.00000	-0.041046	-3.3442	-0.0011159	-0.094579	0.0
	33.00000	-7.00000	-3.00000	-0.032125	-3.3442	-869.01E-6	-0.082074	0.0
	34.00000	-7.00000	-3.00000	-0.024824	-3.3442	-681.14E-6	-0.071495	0.0
	35.00000	-7.00000	-3.00000	-0.018875	-3.3442	-537.52E-6	-0.062526	0.0
	36.00000	-7.00000	-3.00000	-0.014047	-3.3442	-427.12E-6	-0.054898	0.0
	37.00000	-7.00000	-3.00000	-0.010145	-3.3442	-341.75E-6	-0.048389	0.0
	38.00000	-7.00000	-3.00000	-0.0070018	-3.3442	-275.32E-6	-0.042816	0.0
	39.00000	-7.00000	-3.00000	-0.0044814	-3.3442	-223.28E-6	-0.038026	0.0
	40.00000	-7.00000	-3.00000	-0.0024697	-3.3442	-182.25E-6	-0.033893	0.0
	41.00000	-7.00000	-3.00000	-872.57E-6	-3.3442	-149.69E-6	-0.030315	0.0
	42.00000	-7.00000	-3.00000	387.10E-6	-3.3442	-123.69E-6	-0.027205	0.0
	43.00000	-7.00000	-3.00000	0.0013726	-3.3442	-102.80E-6	-0.024491	0.0
	44.00000	-7.00000	-3.00000	0.0021358	-3.3442	-85.902E-6	-0.022116	0.0
	45.00000	-7.00000	-3.00000	0.0027190	-3.3442	-72.163E-6	-0.020029	0.0
	-10.00000	-6.00000	-3.00000	0.0013365	-3.3442	-36.122E-6	-0.020438	0.0
	-9.00000	-6.00000	-3.00000	271.86E-6	-3.3442	-42.232E-6	-0.022617	0.0
	-8.00000	-6.00000	-3.00000	-0.0010980	-3.3442	-49.603E-6	-0.025109	0.0
	-7.00000	-6.00000	-3.00000	-0.0028470	-3.3442	-58.541E-6	-0.027969	0.0
	-6.00000	-6.00000	-3.00000	-0.0050662	-3.3442	-69.442E-6	-0.031266	0.0
	-5.00000	-6.00000	-3.00000	-0.0078680	-3.3442	-82.815E-6	-0.035081	0.0
	-4.00000	-6.00000	-3.00000	-0.011391	-3.3442	-99.323E-6	-0.039516	0.0
	-3.00000	-6.00000	-3.00000	-0.015805	-3.3442	-119.83E-6	-0.044697	0.0
	-2.00000	-6.00000	-3.00000	-0.021316	-3.3442	-145.48E-6	-0.050776	0.0
	-1.00000	-6.00000	-3.00000	-0.028178	-3.3442	-177.80E-6	-0.057944	0.0
	0.00000	-6.00000	-3.00000	-0.036694	-3.3442	-218.81E-6	-0.066438	0.0
	1.00000	-6.00000	-3.00000	-0.047226	-3.3442	-271.26E-6	-0.076550	0.0
	2.00000	-6.00000	-3.00000	-0.060202	-3.3442	-338.86E-6	-0.088645	0.0
	3.00000	-6.00000	-3.00000	-0.076112	-3.3442	-426.70E-6	-0.10317	0.0
	4.00000	-6.00000	-3.00000	-0.095509	-3.3442	-541.78E-6	-0.12069	1.1590E-6
	5.00000	-6.00000	-3.00000	-0.11898	-3.3442	-693.76E-6	-0.14185	1.3589E-6
	6.00000	-6.00000	-3.00000	-0.14712	-3.3442	-896.03E-6	-0.16746	1.5996E-6
	7.00000	-6.00000	-3.00000	-0.18045	-3.3442	-0.0011671	-0.19837	1.8887E-6
	8.00000	-6.00000	-3.00000	-0.21926	-3.3442	-0.0015325	-0.23550	2.2335E-6
	9.00000	-6.00000	-3.00000	-0.26351	-3.3442	-0.0020265	-0.27960	2.6395E-6
	10.00000	-6.00000	-3.00000	-0.31248	-3.3442	-0.0026946	-0.33100	3.1072E-6
	11.00000	-6.00000	-3.00000	-0.36458	-3.3442	-0.0035945	-0.38919	3.6282E-6
	12.00000	-6.00000	-3.00000	-0.41713	-3.3442	-0.0047959	-0.45233	4.1803E-6
	13.00000	-6.00000	-3.00000	-0.46643	-3.3442	-0.0063786	-0.51710	4.7257E-6
	14.00000	-6.00000	-3.00000	-0.50819	-3.3442	-0.0084253	-0.57890	5.2145E-6
	15.00000	-6.00000	-3.00000	-0.53828	-3.3442	-0.010998	-0.63269	5.5929E-6
	16.00000	-6.00000	-3.00000	-0.55355	-3.3442	-0.014081	-0.67366	5.8148E-6
	17.00000	-6.00000	-3.00000	-0.55245	-3.3442	-0.017479	-0.69774	5.8512E-6
	18.00000	-6.00000	-3.00000	-0.53519	-3.3442	-0.020721	-0.70180	5.6993E-6
	19.00000	-6.00000	-3.00000	-0.50374	-3.3442	-0.023090	-0.68430	5.3863E-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 [-]	
	20.00000	-6.00000	-3.00000	-0.46142	-3.3442	-0.023893	-0.64631	4.9638E-6	
	21.00000	-6.00000	-3.00000	-0.41226	-3.3442	-0.022851	-0.59192	4.4888E-6	
	22.00000	-6.00000	-3.00000	-0.36031	-3.3442	-0.020280	-0.52748	4.0050E-6	
	23.00000	-6.00000	-3.00000	-0.30904	-3.3442	-0.016894	-0.45980	3.5375E-6	
	24.00000	-6.00000	-3.00000	-0.26092	-3.3442	-0.013409	-0.39440	3.0984E-6	
	25.00000	-6.00000	-3.00000	-0.21745	-3.3442	-0.010295	-0.33478	2.6945E-6	
	26.00000	-6.00000	-3.00000	-0.17929	-3.3442	-0.0077447	-0.28256	2.3301E-6	
	27.00000	-6.00000	-3.00000	-0.14649	-3.3442	-0.0057663	-0.23800	2.0075E-6	
	28.00000	-6.00000	-3.00000	-0.11876	-3.3442	-0.0042794	-0.20058	1.7262E-6	
	29.00000	-6.00000	-3.00000	-0.095581	-3.3442	-0.0031811	-0.16944	1.4839E-6	
	30.00000	-6.00000	-3.00000	-0.076396	-3.3442	-0.0023759	-0.14365	1.2770E-6	
	31.00000	-6.00000	-3.00000	-0.060626	-3.3442	-0.0017866	-0.12230	1.1012E-6	
	32.00000	-6.00000	-3.00000	-0.047737	-3.3442	-0.0013540	-0.10462	0.0	
	33.00000	-6.00000	-3.00000	-0.037250	-3.3442	-0.0010350	-0.089935	0.0	
	34.00000	-6.00000	-3.00000	-0.028749	-3.3442	-798.03E-6	-0.077695	0.0	
	35.00000	-6.00000	-3.00000	-0.021880	-3.3442	-620.77E-6	-0.067452	0.0	
	36.00000	-6.00000	-3.00000	-0.016348	-3.3442	-487.06E-6	-0.058841	0.0	
	37.00000	-6.00000	-3.00000	-0.011904	-3.3442	-385.37E-6	-0.051568	0.0	
	38.00000	-6.00000	-3.00000	-0.0083462	-3.3442	-307.39E-6	-0.045397	0.0	
	39.00000	-6.00000	-3.00000	-0.0055070	-3.3442	-247.10E-6	-0.040135	0.0	
	40.00000	-6.00000	-3.00000	-0.0032501	-3.3442	-200.11E-6	-0.035629	0.0	
	41.00000	-6.00000	-3.00000	-0.0014643	-3.3442	-163.21E-6	-0.031751	0.0	
	42.00000	-6.00000	-3.00000	-59.422E-6	-3.3442	-134.01E-6	-0.028400	0.0	
	43.00000	-6.00000	-3.00000	0.0010380	-3.3442	-110.74E-6	-0.025492	0.0	
	44.00000	-6.00000	-3.00000	0.0018873	-3.3442	-92.065E-6	-0.022958	0.0	
	45.00000	-6.00000	-3.00000	0.0025368	-3.3442	-76.983E-6	-0.020742	0.0	
	-10.00000	-5.00000	-3.00000	0.0010203	-3.3442	-37.783E-6	-0.021103	0.0	
	-9.00000	-5.00000	-3.00000	-153.36E-6	-3.3442	-44.304E-6	-0.023407	0.0	
	-8.00000	-5.00000	-3.00000	-0.0016659	-3.3442	-52.204E-6	-0.026052	0.0	
	-7.00000	-5.00000	-3.00000	-0.0036019	-3.3442	-61.830E-6	-0.029102	0.0	
	-6.00000	-5.00000	-3.00000	-0.0060663	-3.3442	-73.632E-6	-0.032634	0.0	
	-5.00000	-5.00000	-3.00000	-0.0091903	-3.3442	-88.195E-6	-0.036746	0.0	
	-4.00000	-5.00000	-3.00000	-0.013137	-3.3442	-106.29E-6	-0.041556	0.0	
	-3.00000	-5.00000	-3.00000	-0.018109	-3.3442	-128.93E-6	-0.047215	0.0	
	-2.00000	-5.00000	-3.00000	-0.024358	-3.3442	-157.48E-6	-0.053909	0.0	
	-1.00000	-5.00000	-3.00000	-0.032195	-3.3442	-193.77E-6	-0.061874	0.0	
	0.00000	-5.00000	-3.00000	-0.042002	-3.3442	-240.31E-6	-0.071412	0.0	
	1.00000	-5.00000	-3.00000	-0.054247	-3.3442	-300.50E-6	-0.082903	0.0	
	2.00000	-5.00000	-3.00000	-0.069495	-3.3442	-379.13E-6	-0.096839	0.0	
	3.00000	-5.00000	-3.00000	-0.088422	-3.3442	-482.84E-6	-0.11385	1.0950E-6	
	4.00000	-5.00000	-3.00000	-0.11182	-3.3442	-621.10E-6	-0.13473	1.2929E-6	
	5.00000	-5.00000	-3.00000	-0.14059	-3.3442	-807.39E-6	-0.16052	1.5364E-6	
	6.00000	-5.00000	-3.00000	-0.17572	-3.3442	-0.0010612	-0.19250	1.8370E-6	
	7.00000	-5.00000	-3.00000	-0.21820	-3.3442	-0.0014106	-0.23226	2.2088E-6	
	8.00000	-5.00000	-3.00000	-0.26885	-3.3442	-0.0018967	-0.28166	2.6675E-6	
	9.00000	-5.00000	-3.00000	-0.32814	-3.3442	-0.0025781	-0.34262	3.2288E-6	
	10.00000	-5.00000	-3.00000	-0.39566	-3.3442	-0.0035374	-0.41672	3.9033E-6	
	11.00000	-5.00000	-3.00000	-0.46965	-3.3442	-0.0048861	-0.50429	4.6877E-6	
	12.00000	-5.00000	-3.00000	-0.54641	-3.3442	-0.0067664	-0.60315	5.5520E-6	
	13.00000	-5.00000	-3.00000	-0.62012	-3.3442	-0.0093543	-0.70765	6.4302E-6	
	14.00000	-5.00000	-3.00000	-0.68358	-3.3442	-0.012867	-0.80923	7.2247E-6	
	15.00000	-5.00000	-3.00000	-0.72966	-3.3442	-0.017558	-0.89847	7.8276E-6	
	16.00000	-5.00000	-3.00000	-0.75302	-3.3442	-0.023615	-0.96709	8.1462E-6	
	17.00000	-5.00000	-3.00000	-0.75106	-3.3442	-0.030871	-1.0082	8.1226E-6	
	18.00000	-5.00000	-3.00000	-0.72426	-3.3442	-0.038361	-1.0160	7.7552E-6	
	19.00000	-5.00000	-3.00000	-0.67596	-3.3442	-0.044160	-0.98625	7.1188E-6	
	20.00000	-5.00000	-3.00000	-0.61183	-3.3442	-0.046130	-0.92019	6.3501E-6	
	21.00000	-5.00000	-3.00000	-0.53869	-3.3442	-0.043403	-0.82600	5.5820E-6	
	22.00000	-5.00000	-3.00000	-0.46320	-3.3442	-0.037075	-0.71709	4.8818E-6	
	23.00000	-5.00000	-3.00000	-0.39066	-3.3442	-0.029314	-0.60703	4.2551E-6	
	24.00000	-5.00000	-3.00000	-0.32448	-3.3442	-0.021961	-0.50545	3.6880E-6	
	25.00000	-5.00000	-3.00000	-0.26632	-3.3442	-0.015928	-0.41714	3.1737E-6	
	26.00000	-5.00000	-3.00000	-0.21656	-3.3442	-0.011371	-0.34320	2.7138E-6	
	27.00000	-5.00000	-3.00000	-0.17479	-3.3442	-0.0080816	-0.28261	2.3106E-6	
	28.00000	-5.00000	-3.00000	-0.14018	-3.3442	-0.0057605	-0.23352	1.9636E-6	
	29.00000	-5.00000	-3.00000	-0.11179	-3.3442	-0.0041359	-0.19393	1.6690E-6	
	30.00000	-5.00000	-3.00000	-0.088655	-3.3442	-0.0029985	-0.16200	1.4213E-6	
	31.00000	-5.00000	-3.00000	-0.069904	-3.3442	-0.0021979	-0.13618	1.2139E-6	
	32.00000	-5.00000	-3.00000	-0.054765	-3.3442	-0.0016296	-0.11522	1.0406E-6	
	33.00000	-5.00000	-3.00000	-0.042579	-3.3442	-0.0012222	-0.098101	0.0	
	34.00000	-5.00000	-3.00000	-0.032793	-3.3442	-927.07E-6	-0.084049	0.0	
	35.00000	-5.00000	-3.00000	-0.024953	-3.3442	-710.92E-6	-0.072440	0.0	
	36.00000	-5.00000	-3.00000	-0.018683	-3.3442	-550.88E-6	-0.062792	0.0	
	37.00000	-5.00000	-3.00000	-0.013680	-3.3442	-431.13E-6	-0.054724	0.0	
	38.00000	-5.00000	-3.00000	-0.0096962	-3.3442	-340.60E-6	-0.047937	0.0	
	39.00000	-5.00000	-3.00000	-0.0065322	-3.3442	-271.47E-6	-0.042196	0.0	
	40.00000	-5.00000	-3.00000	-0.0040273	-3.3442	-218.20E-6	-0.037312	0.0	
	41.00000	-5.00000	-3.00000	-0.0020520	-3.3442	-176.77E-6	-0.033136	0.0	
	42.00000	-5.00000	-3.00000	-501.86E-6	-3.3442	-144.28E-6	-0.029547	0.0	
	43.00000	-5.00000	-3.00000	706.82E-6	-3.3442	-118.58E-6	-0.026448	0.0	
	44.00000	-5.00000	-3.00000	0.0016415	-3.3442	-98.112E-6	-0.023759	0.0	
	45.00000	-5.00000	-3.00000	0.0023564	-3.3442	-81.683E-6	-0.021416	0.0	
	-10.00000	-4.00000	-3.00000	714.64E-6	-3.3442	-39.344E-6	-0.021722	0.0	
	-9.00000	-4.00000	-3.00000	-564.84E-6	-3.3442	-46.259E-6	-0.024145	0.0	
	-8.00000	-4.00000	-3.00000	-0.0022166	-3.3442	-54.670E-6	-0.026937	0.0	
	-7.00000	-4.00000	-3.00000	-0.0043359	-3.3442	-64.964E-6	-0.030169	0.0	
	-6.00000	-4.00000	-3.00000	-0.0070423	-3.3442	-77.647E-6	-0.033931	0.0	
	-5.00000	-4.00000	-3.00000	-0.010486	-3.3442	-93.381E-6	-0.038332	0.0	
	-4.00000	-4.00000	-3.00000	-0.014857	-3.3442	-113.05E-6	-0.043513	0.0	
	-3.00000	-4.00000	-3.00000	-0.020392	-3.3442	-137.83E-6	-0.049648	0.0	
	-2.00000	-4.00000	-3.00000	-0.027392	-3.3442	-169.31E-6	-0.056962	0.0	
	-1.00000	-4.00000	-3.00000	-0.036231	-3.3442	-209.68E-6	-0.065741	0.0	
	0.00000	-4.00000	-3.00000	-0.047382	-3.3442	-261.94E-6	-0.076360	0.0	
	1.00000	-4.00000	-3.00000	-0.061433	-3.3442	-330.32E-6	-0.089305	0.0	
	2.00000	-4.00000	-3.00000	-0.079114	-3.3442	-420.78E-6	-0.10522	1.0135E-6	
	3.00000	-4.00000	-3.00000	-0.10133	-3.3442	-541.90E-6	-0.12495	1.2011E-6	
	4.00000	-4.00000	-3.00000	-0.12918	-3.3442	-706.19E-6	-0.14964	1.4350E-6	
	5.00000	-4.00000	-3.00000	-0.16399	-3.3442	-932.15E-6	-0.18081	1.7293E-6	
	6.00000	-4.00000	-3.00000	-0.20731	-3.3442	-0.0012476	-0.22052	2.1026E-6	
	7.00000	-4.00000	-3.00000	-0.26086	-3.3442	-0.0016949	-0.27151	2.5793E-6	
	8.00000	-4.00000	-3.00000	-0.32644	-3.3442	-0.0023397	-0.33734	3.1908E-6	
	9.00000	-4.00000	-3.00000	-0.40556	-3.3442	-0.0032834	-0.42242	3.9746E-6	
	10.00000	-4.00000	-3.00000	-0.49889	-3.3442	-0.0046810	-0.53157	4.9691E-6	
	11.00000	-4.00000	-3.00000	-0.60511	-3.3442	-0.0067582	-0.66836	6.1961E-6	
	12.00000	-4.00000	-3.00000	-0.71949	-3.3442	-0.0098124	-0.83166	7.6270E-6	
	13.00000	-4.00000	-3.00000	-0.83280	-3.3442	-0.014202	-1.0115	9.1421E-6	
	14.00000	-4.00000	-3.00000	-0.93224	-3.3442	-0.020403	-1.1893	10.530E-6	
	15.00000	-4.00000	-3.00000	-1.0049	-3.3442	-0.029172	-1.3453	11.550E-6	
	16.00000	-4.00000	-3.00000	-1.0416	-3.3442	-0.041543	-1.4651	12.000E-6	
	17.00000	-4.00000	-3.00000	-1.0380	-3.3442	-0.058103	-1.5388	11.746E-6	
	18.00000	-4.00000	-3.00000	-0.99512	-3.3442	-0.077200	-1.5547	10.772E-6	
	19.00000	-4.00000	-3.00000	-0.91879	-3.3442	-0.093181	-1.5012	9.2977E-6	
	20.00000	-4.00000	-3.00000	-0.81884	-3.3442	-0.098463	-1.3769	7.7584E-6	
	21.00000	-4.00000	-3.00000	-0.70734	-3.3442	-0.090064	-1.2007	6.5170E-6	
	22.00000	-4.00000	-3.00000	-0.59563	-3.3442	-0.072538	-1.0046	5.6193E-6	
	23.00000	-4.00000	-3.00000	-0.49195	-3.3442	-0.053231	-0.81732	4.9143E-6	
	24.00000	-4.00000	-3.00000	-0.40067	-3.3442	-0.036924	-0.65504	4.2784E-6	
	25.00000	-4.00000	-3.00000	-0.32311	-3.3442	-0.024939	-0.52232	3.6782E-6	
	26.00000	-4.00000	-3.00000	-0.25872	-3.3442	-0.016731	-0.41709	3.1257E-6	
	27.00000	-4.00000	-3.00000	-0.20605	-3.3442	-0.011282	-0.33484	2.6366E-6	
	28.00000	-4.00000	-3.00000	-0.16338	-3.3442	-0.0076955	-0.27080	2.2169E-6	
	29.00000	-4.00000	-3.00000	-0.12903	-3.3442	-0.0053257	-0.22085	1.8643E-6	
	30.00000	-4.00000	-3.00000	-0.10150	-3.3442	-0.0037439	-0.18168	1.5714E-6	
	31.00000	-4.00000	-3.00000	-0.079503	-3.3442	-0.0026739	-0.15076	1.3295E-6	
	32.00000	-4.00000	-3.00000	-0.061954	-3.3442	-0.0019394	-0.12615	1.1301E-6	
	33.00000	-4.00000	-3.00000	-0.047976	-3.3442	-0.0014276	-0.10639	0.0	
	34.00000	-4.00000	-3.00000	-0.036855	-3.3442	-0.0010656	-0.090415	0.0	
	35.00000	-4.00000	-3.00000	-0.028015	-3.3442	-805.94E-6	-0.077380	0.0	
	36.00000	-4.00000	-3.00000	-0.020995	-3.3442	-617.07E-6	-0.066664	0.0	
	37.00000	-4.00000	-3.00000	-0.015428	-3.3442	-477.92E-6	-0.057789	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 [-]	
	38.00000	-4.00000	-3.00000	-0.011018	-3.3442	-374.13E-6	-0.050386	0.0	
	39.00000	-4.00000	-3.00000	-0.0075319	-3.3442	-295.81E-6	-0.044168	0.0	
	40.00000	-4.00000	-3.00000	-0.0047825	-3.3442	-236.09E-6	-0.038914	0.0	
	41.00000	-4.00000	-3.00000	-0.0026212	-3.3442	-190.06E-6	-0.034447	0.0	
	42.00000	-4.00000	-3.00000	-929.51E-6	-3.3442	-154.26E-6	-0.030627	0.0	
	43.00000	-4.00000	-3.00000	387.17E-6	-3.3442	-126.16E-6	-0.027343	0.0	
	44.00000	-4.00000	-3.00000	0.0014043	-3.3442	-103.92E-6	-0.024506	0.0	
	45.00000	-4.00000	-3.00000	0.0021823	-3.3442	-86.168E-6	-0.022044	0.0	
	-10.00000	-3.00000	-3.00000	427.71E-6	-3.3442	-40.777E-6	-0.022285	0.0	
	-9.00000	-3.00000	-3.00000	-951.62E-6	-3.3442	-48.061E-6	-0.024818	0.0	
	-8.00000	-3.00000	-3.00000	-0.0027353	-3.3442	-56.953E-6	-0.027747	0.0	
	-7.00000	-3.00000	-3.00000	-0.0050292	-3.3442	-67.878E-6	-0.031151	0.0	
	-6.00000	-3.00000	-3.00000	-0.0079671	-3.3442	-81.398E-6	-0.035130	0.0	
	-5.00000	-3.00000	-3.00000	-0.011719	-3.3442	-98.255E-6	-0.039808	0.0	
	-4.00000	-3.00000	-3.00000	-0.016500	-3.3442	-119.44E-6	-0.045344	0.0	
	-3.00000	-3.00000	-3.00000	-0.022586	-3.3442	-146.30E-6	-0.051940	0.0	
	-2.00000	-3.00000	-3.00000	-0.030325	-3.3442	-180.67E-6	-0.059861	0.0	
	-1.00000	-3.00000	-3.00000	-0.040162	-3.3442	-225.10E-6	-0.069447	0.0	
	0.00000	-3.00000	-3.00000	-0.052664	-3.3442	-283.14E-6	-0.081153	0.0	
	1.00000	-3.00000	-3.00000	-0.068554	-3.3442	-359.89E-6	-0.095582	0.0	
	2.00000	-3.00000	-3.00000	-0.088752	-3.3442	-462.68E-6	-0.11355	1.0933E-6	
	3.00000	-3.00000	-3.00000	-0.11442	-3.3442	-602.30E-6	-0.13618	1.3084E-6	
	4.00000	-3.00000	-3.00000	-0.14705	-3.3442	-794.95E-6	-0.16503	1.5817E-6	
	5.00000	-3.00000	-3.00000	-0.18850	-3.3442	-0.0010654	-0.20229	1.9334E-6	
	6.00000	-3.00000	-3.00000	-0.24108	-3.3442	-0.0014527	-0.25107	2.3919E-6	
	7.00000	-3.00000	-3.00000	-0.30761	-3.3442	-0.0020195	-0.31588	2.9979E-6	
	8.00000	-3.00000	-3.00000	-0.39142	-3.3442	-0.0028704	-0.40324	3.8098E-6	
	9.00000	-3.00000	-3.00000	-0.49613	-3.3442	-0.0041840	-0.52253	4.9093E-6	
	10.00000	-3.00000	-3.00000	-0.62497	-3.3442	-0.0062714	-0.68652	6.4042E-6	
	11.00000	-3.00000	-3.00000	-0.77907	-3.3442	-0.0096573	-0.91002	8.4095E-6	
	12.00000	-3.00000	-3.00000	-0.95399	-3.3442	-0.015101	-1.2016	10.965E-6	
	13.00000	-3.00000	-3.00000	-1.1351	-3.3442	-0.023348	-1.5445	13.861E-6	
	14.00000	-3.00000	-3.00000	-1.2978	-3.3442	-0.035020	-1.8879	16.559E-6	
	15.00000	-3.00000	-3.00000	-1.4166	-3.3442	-0.051837	-2.1797	18.442E-6	
	16.00000	-3.00000	-3.00000	-1.4755	-3.3442	-0.077865	-2.3979	19.055E-6	
	17.00000	-3.00000	-3.00000	-1.4686	-3.3442	-0.11837	-2.5357	18.017E-6	
	18.00000	-3.00000	-3.00000	-1.3978	-3.3442	-0.17329	-2.5717	15.120E-6	
	19.00000	-3.00000	-3.00000	-1.2726	-3.3442	-0.22440	-2.4653	11.043E-6	
	20.00000	-3.00000	-3.00000	-1.1106	-3.3442	-0.23925	-2.2014	7.5585E-6	
	21.00000	-3.00000	-3.00000	-0.93481	-3.3442	-0.20737	-1.8346	5.8271E-6	
	22.00000	-3.00000	-3.00000	-0.76567	-3.3442	-0.15210	-1.4534	5.3372E-6	
	23.00000	-3.00000	-3.00000	-0.61591	-3.3442	-0.10036	-1.1198	5.1085E-6	
	24.00000	-3.00000	-3.00000	-0.49001	-3.3442	-0.062979	-0.85482	4.7072E-6	
	25.00000	-3.00000	-3.00000	-0.38734	-3.3442	-0.039036	-0.65417	4.1447E-6	
	26.00000	-3.00000	-3.00000	-0.30497	-3.3442	-0.024408	-0.50499	3.5386E-6	
	27.00000	-3.00000	-3.00000	-0.23950	-3.3442	-0.015548	-0.39434	2.9712E-6	
	28.00000	-3.00000	-3.00000	-0.18769	-3.3442	-0.010128	-0.31178	2.4774E-6	
	29.00000	-3.00000	-3.00000	-0.14679	-3.3442	-0.0067517	-0.24958	2.0634E-6	
	30.00000	-3.00000	-3.00000	-0.11454	-3.3442	-0.0046026	-0.20218	1.7229E-6	
	31.00000	-3.00000	-3.00000	-0.089117	-3.3442	-0.0032045	-0.16562	1.4449E-6	
	32.00000	-3.00000	-3.00000	-0.069076	-3.3442	-0.0022752	-0.13710	1.2183E-6	
	33.00000	-3.00000	-3.00000	-0.053273	-3.3442	-0.0016450	-0.11458	1.0334E-6	
	34.00000	-3.00000	-3.00000	-0.040808	-3.3442	-0.0012093	-0.096618	0.0	
	35.00000	-3.00000	-3.00000	-0.030974	-3.3442	-902.78E-6	-0.082140	0.0	
	36.00000	-3.00000	-3.00000	-0.023216	-3.3442	-683.51E-6	-0.070360	0.0	
	37.00000	-3.00000	-3.00000	-0.017097	-3.3442	-524.26E-6	-0.060689	0.0	
	38.00000	-3.00000	-3.00000	-0.012275	-3.3442	-406.96E-6	-0.052685	0.0	
	39.00000	-3.00000	-3.00000	-0.0084783	-3.3442	-319.41E-6	-0.046009	0.0	
	40.00000	-3.00000	-3.00000	-0.0054950	-3.3442	-253.27E-6	-0.040400	0.0	
	41.00000	-3.00000	-3.00000	-0.0031569	-3.3442	-202.73E-6	-0.035656	0.0	
	42.00000	-3.00000	-3.00000	-0.0013311	-3.3442	-163.71E-6	-0.031619	0.0	
	43.00000	-3.00000	-3.00000	87.461E-6	-3.3442	-133.28E-6	-0.028163	0.0	
	44.00000	-3.00000	-3.00000	0.0011821	-3.3442	-109.34E-6	-0.025188	0.0	
	45.00000	-3.00000	-3.00000	0.0020190	-3.3442	-90.339E-6	-0.022614	0.0	
	-10.00000	-2.00000	-3.00000	167.70E-6	-3.3442	-42.056E-6	-0.022783	0.0	
	-9.00000	-2.00000	-3.00000	-0.0013026	-3.3442	-49.674E-6	-0.025416	0.0	
	-8.00000	-2.00000	-3.00000	-0.0032068	-3.3442	-59.003E-6	-0.028469	0.0	
	-7.00000	-2.00000	-3.00000	-0.0056609	-3.3442	-70.507E-6	-0.032029	0.0	
	-6.00000	-2.00000	-3.00000	-0.0088123	-3.3442	-84.799E-6	-0.036206	0.0	
	-5.00000	-2.00000	-3.00000	-0.012850	-3.3442	-102.70E-6	-0.041138	0.0	
	-4.00000	-2.00000	-3.00000	-0.018015	-3.3442	-125.30E-6	-0.047003	0.0	
	-3.00000	-2.00000	-3.00000	-0.024617	-3.3442	-154.12E-6	-0.054032	0.0	
	-2.00000	-2.00000	-3.00000	-0.033056	-3.3442	-191.23E-6	-0.062525	0.0	
	-1.00000	-2.00000	-3.00000	-0.043845	-3.3442	-239.55E-6	-0.072881	0.0	
	0.00000	-2.00000	-3.00000	-0.057651	-3.3442	-303.22E-6	-0.085637	0.0	
	1.00000	-2.00000	-3.00000	-0.075337	-3.3442	-388.22E-6	-0.10152	0.0	
	2.00000	-2.00000	-3.00000	-0.098024	-3.3442	-503.36E-6	-0.12155	1.1698E-6	
	3.00000	-2.00000	-3.00000	-0.12717	-3.3442	-661.90E-6	-0.14714	1.4130E-6	
	4.00000	-2.00000	-3.00000	-0.16470	-3.3442	-884.25E-6	-0.18034	1.7275E-6	
	5.00000	-2.00000	-3.00000	-0.21310	-3.3442	-0.0012028	-0.22415	2.1410E-6	
	6.00000	-2.00000	-3.00000	-0.27566	-3.3442	-0.0016704	-0.28311	2.6952E-6	
	7.00000	-2.00000	-3.00000	-0.35669	-3.3442	-0.0023780	-0.36420	3.4536E-6	
	8.00000	-2.00000	-3.00000	-0.46179	-3.3442	-0.0034892	-0.47860	4.5169E-6	
	9.00000	-2.00000	-3.00000	-0.59815	-3.3442	-0.0053210	-0.64473	6.0480E-6	
	10.00000	-2.00000	-3.00000	-0.77446	-3.3442	-0.0085417	-0.89365	8.3140E-6	
	11.00000	-2.00000	-3.00000	-0.99954	-3.3442	-0.014669	-1.2766	11.731E-6	
	12.00000	-2.00000	-3.00000	-1.2761	-3.3442	-0.026947	-1.8611	16.773E-6	
	13.00000	-2.00000	-3.00000	-1.5843	-3.3442	-0.048778	-2.6497	23.263E-6	
	14.00000	-2.00000	-3.00000	-1.8682	-3.3442	-0.076735	-3.4438	29.444E-6	
	15.00000	-2.00000	-3.00000	-2.0707	-3.3442	-0.11064	-4.0452	33.372E-6	
	16.00000	-2.00000	-3.00000	-2.1671	-3.3442	-0.16581	-4.4550	34.149E-6	
	17.00000	-2.00000	-3.00000	-2.1533	-3.3442	-0.27126	-4.7217	30.537E-6	
	18.00000	-2.00000	-3.00000	-2.0320	-3.3442	-0.45583	-4.8077	20.457E-6	
	19.00000	-2.00000	-3.00000	-1.8154	-3.3442	-0.65394	-4.5411	6.0941E-6	
	20.00000	-2.00000	-3.00000	-1.5364	-3.3442	-0.68399	-3.8465	-2.5411E-6	
	21.00000	-2.00000	-3.00000	-1.2449	-3.3442	-0.52946	-2.9624	-2.1156E-6	
	22.00000	-2.00000	-3.00000	-0.98156	-3.3442	-0.33492	-2.1607	1.4920E-6	
	23.00000	-2.00000	-3.00000	-0.76364	-3.3442	-0.19141	-1.5477	3.9399E-6	
	24.00000	-2.00000	-3.00000	-0.59115	-3.3442	-0.10638	-1.1134	4.6894E-6	
	25.00000	-2.00000	-3.00000	-0.45714	-3.3442	-0.059908	-0.81329	4.4791E-6	
	26.00000	-2.00000	-3.00000	-0.35366	-3.3442	-0.034779	-0.60536	3.9151E-6	
	27.00000	-2.00000	-3.00000	-0.27381	-3.3442	-0.020914	-0.45937	3.2952E-6	
	28.00000	-2.00000	-3.00000	-0.21211	-3.3442	-0.013021	-0.35502	2.7328E-6	
	29.00000	-2.00000	-3.00000	-0.16433	-3.3442	-0.0083719	-0.27904	2.2582E-6	
	30.00000	-2.00000	-3.00000	-0.12723	-3.3442	-0.0055427	-0.22270	1.8697E-6	
	31.00000	-2.00000	-3.00000	-0.098366	-3.3442	-0.0037678	-0.18021	1.5555E-6	
	32.00000	-2.00000	-3.00000	-0.075857	-3.3442	-0.0026227	-0.14767	1.3021E-6	
	33.00000	-2.00000	-3.00000	-0.058272	-3.3442	-0.0018651	-0.12237	1.0973E-6	
	34.00000	-2.00000	-3.00000	-0.044510	-3.3442	-0.0013521	-0.10245	0.0	
	35.00000	-2.00000	-3.00000	-0.033727	-3.3442	-997.46E-6	-0.086570	0.0	
	36.00000	-2.00000	-3.00000	-0.025270	-3.3442	-747.58E-6	-0.073769	0.0	
	37.00000	-2.00000	-3.00000	-0.018634	-3.3442	-568.42E-6	-0.063345	0.0	
	38.00000	-2.00000	-3.00000	-0.013427	-3.3442	-437.91E-6	-0.054776	0.0	
	39.00000	-2.00000	-3.00000	-0.0093429	-3.3442	-341.44E-6	-0.047673	0.0	
	40.00000	-2.00000	-3.00000	-0.0061439	-3.3442	-269.18E-6	-0.041736	0.0	
	41.00000	-2.00000	-3.00000	-0.0036434	-3.3442	-214.38E-6	-0.036739	0.0	
	42.00000	-2.00000	-3.00000	-0.0016951	-3.3442	-172.35E-6	-0.032503	0.0	
	43.00000	-2.00000	-3.00000	-183.87E-6	-3.3442	-139.76E-6	-0.028891	0.0	
	44.00000	-2.00000	-3.00000	981.05E-6	-3.3442	-114.25E-6	-0.025791	0.0	
	45.00000	-2.00000	-3.00000	0.0018714	-3.3442	-94.093E-6	-0.023117	0.0	
	-10.00000	-1.00000	-3.00000	-57.555E-6	-3.3442	-43.153E-6	-0.023207	0.0	
	-9.00000	-1.00000	-3.00000	-0.0016069	-3.3442	-51.063E-6	-0.025926	0.0	
	-8.00000	-1.00000	-3.00000	-0.0036164	-3.3442	-60.775E-6	-0.029087	0.0	
	-7.00000	-1.00000	-3.00000	-0.0062108	-3.3442	-72.787E-6	-0.032783	0.0	
	-6.00000	-1.00000	-3.00000	-0.0095501	-3.3442	-87.760E-6	-0.037133	0.0	
	-5.00000	-1.00000	-3.00000	-0.013840	-3.3442	-106.58E-6	-0.042290	0.0	
	-4.00000	-1.00000	-3.00000	-0.019345	-3.3442	-130.46E-6	-0.048447	0.0	
	-3.00000	-1.00000	-3.00000	-0.026410	-3.3442	-161.04E-6	-0.055861	0.0	
	-2.00000	-1.00000	-3.00000	-0.035478	-3.3442	-200.65E-6	-0.064870	0.0	
	-1.00000	-1.00000	-3.00000	-0.047131	-3.3442	-252.54E-6	-0.075928	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	-1.00000	-3.00000	-0.062130	-3.3442	-321.42E-6	-0.089651	0.0
	1.00000	-1.00000	-3.00000	-0.081476	-3.3442	-414.17E-6	-0.10689	1.0305E-6
	2.00000	-1.00000	-3.00000	-0.10649	-3.3442	-541.11E-6	-0.12887	1.2398E-6
	3.00000	-1.00000	-3.00000	-0.13894	-3.3442	-718.05E-6	-0.15731	1.5101E-6
	4.00000	-1.00000	-3.00000	-0.18119	-3.3442	-969.95E-6	-0.19481	1.8652E-6
	5.00000	-1.00000	-3.00000	-0.23645	-3.3442	-0.0013376	-0.24529	2.3417E-6
	6.00000	-1.00000	-3.00000	-0.30912	-3.3442	-0.0018906	-0.31494	2.9963E-6
	7.00000	-1.00000	-3.00000	-0.40528	-3.3442	-0.0027547	-0.41393	3.9221E-6
	8.00000	-1.00000	-3.00000	-0.53358	-3.3442	-0.0041763	-0.55990	5.2785E-6
	9.00000	-1.00000	-3.00000	-0.70645	-3.3442	-0.0066978	-0.78557	7.3565E-6
	10.00000	-1.00000	-3.00000	-0.94221	-3.3442	-0.011745	-1.1576	10.729E-6
	11.00000	-1.00000	-3.00000	-1.2682	-3.3442	-0.024220	-1.8295	16.622E-6
	12.00000	-1.00000	-3.00000	-1.7216	-3.3442	-0.067746	-3.1984	27.554E-6
	13.00000	-1.00000	-3.00000	-2.3114	-3.3442	-0.23459	-5.9391	44.724E-6
	14.00000	-1.00000	-3.00000	-2.8705	-3.3442	-0.41153	-8.6937	61.432E-6
	15.00000	-1.00000	-3.00000	-3.2288	-3.3442	-0.49302	-10.109	70.571E-6
	16.00000	-1.00000	-3.00000	-3.3850	-3.3442	-0.60509	-10.873	71.475E-6
	17.00000	-1.00000	-3.00000	-3.3575	-3.3442	-0.88452	-11.382	59.958E-6
	18.00000	-1.00000	-3.00000	-3.1431	-3.3442	-1.6504	-11.514	15.905E-6
	19.00000	-1.00000	-3.00000	-2.7284	-3.3442	-2.6126	-10.145	-54.582E-6
	20.00000	-1.00000	-3.00000	-2.1839	-3.3442	-2.2923	-7.4402	-62.310E-6
	21.00000	-1.00000	-3.00000	-1.6643	-3.3442	-1.4032	-4.9633	-34.107E-6
	22.00000	-1.00000	-3.00000	-1.2454	-3.3442	-0.72224	-3.2242	-10.948E-6
	23.00000	-1.00000	-3.00000	-0.93074	-3.3442	-0.34967	-2.1155	0.0
	24.00000	-1.00000	-3.00000	-0.69923	-3.3442	-0.17130	-1.4264	3.9339E-6
	25.00000	-1.00000	-3.00000	-0.52868	-3.3442	-0.087842	-0.99300	4.5987E-6
	26.00000	-1.00000	-3.00000	-0.40201	-3.3442	-0.047558	-0.71295	4.2202E-6
	27.00000	-1.00000	-3.00000	-0.30706	-3.3442	-0.027123	-0.52629	3.5880E-6
	28.00000	-1.00000	-3.00000	-0.23532	-3.3442	-0.016205	-0.39809	2.9693E-6
	29.00000	-1.00000	-3.00000	-0.18073	-3.3442	-0.010086	-0.30761	2.4387E-6
	30.00000	-1.00000	-3.00000	-0.13895	-3.3442	-0.0065054	-0.24218	2.0050E-6
	31.00000	-1.00000	-3.00000	-0.10681	-3.3442	-0.0043291	-0.19382	1.6566E-6
	32.00000	-1.00000	-3.00000	-0.081993	-3.3442	-0.0029611	-0.15738	1.3779E-6
	33.00000	-1.00000	-3.00000	-0.062760	-3.3442	-0.0020753	-0.12944	1.1546E-6
	34.00000	-1.00000	-3.00000	-0.047812	-3.3442	-0.0014863	-0.10769	0.0
	35.00000	-1.00000	-3.00000	-0.036169	-3.3442	-0.0010852	-0.090511	0.0
	36.00000	-1.00000	-3.00000	-0.027083	-3.3442	-806.23E-6	-0.076778	0.0
	37.00000	-1.00000	-3.00000	-0.019984	-3.3442	-608.42E-6	-0.065673	0.0
	38.00000	-1.00000	-3.00000	-0.014435	-3.3442	-465.70E-6	-0.056599	0.0
	39.00000	-1.00000	-3.00000	-0.010097	-3.3442	-361.07E-6	-0.049115	0.0
	40.00000	-1.00000	-3.00000	-0.0067084	-3.3442	-283.26E-6	-0.042890	0.0
	41.00000	-1.00000	-3.00000	-0.0040658	-3.3442	-224.63E-6	-0.037670	0.0
	42.00000	-1.00000	-3.00000	-0.0020106	-3.3442	-179.90E-6	-0.033261	0.0
	43.00000	-1.00000	-3.00000	-418.73E-6	-3.3442	-145.39E-6	-0.029513	0.0
	44.00000	-1.00000	-3.00000	807.15E-6	-3.3442	-118.50E-6	-0.026305	0.0
	45.00000	-1.00000	-3.00000	0.0017436	-3.3442	-97.333E-6	-0.023545	0.0
	-10.00000	0.00000	-3.00000	-240.92E-6	-3.3442	-44.047E-6	-0.023549	0.0
	-9.00000	0.00000	-3.00000	-0.0018549	-3.3442	-52.196E-6	-0.026338	0.0
	-8.00000	0.00000	-3.00000	-0.0039506	-3.3442	-62.225E-6	-0.029587	0.0
	-7.00000	0.00000	-3.00000	-0.0066603	-3.3442	-74.659E-6	-0.033395	0.0
	-6.00000	0.00000	-3.00000	-0.010154	-3.3442	-90.201E-6	-0.037890	0.0
	-5.00000	0.00000	-3.00000	-0.014653	-3.3442	-109.80E-6	-0.043232	0.0
	-4.00000	0.00000	-3.00000	-0.020442	-3.3442	-134.74E-6	-0.049633	0.0
	-3.00000	0.00000	-3.00000	-0.027891	-3.3442	-166.83E-6	-0.057371	0.0
	-2.00000	0.00000	-3.00000	-0.037489	-3.3442	-208.57E-6	-0.066817	0.0
	-1.00000	0.00000	-3.00000	-0.049872	-3.3442	-263.54E-6	-0.078471	0.0
	0.00000	0.00000	-3.00000	-0.065887	-3.3442	-336.97E-6	-0.093026	0.0
	1.00000	0.00000	-3.00000	-0.086658	-3.3442	-436.57E-6	-0.11145	1.0741E-6
	2.00000	0.00000	-3.00000	-0.11370	-3.3442	-574.07E-6	-0.13514	1.2998E-6
	3.00000	0.00000	-3.00000	-0.14904	-3.3442	-767.76E-6	-0.16615	1.5943E-6
	4.00000	0.00000	-3.00000	-0.19551	-3.3442	-0.0010471	-0.20757	1.9866E-6
	5.00000	0.00000	-3.00000	-0.25699	-3.3442	-0.0014615	-0.26428	2.5217E-6
	6.00000	0.00000	-3.00000	-0.33901	-3.3442	-0.0020983	-0.34421	3.2729E-6
	7.00000	0.00000	-3.00000	-0.44960	-3.3442	-0.0031226	-0.46106	4.3655E-6
	8.00000	0.00000	-3.00000	-0.60076	-3.3442	-0.0048798	-0.64002	6.0277E-6
	9.00000	0.00000	-3.00000	-0.81134	-3.3442	-0.0082118	-0.93213	8.7133E-6
	10.00000	0.00000	-3.00000	-1.1128	-3.3442	-0.015749	-1.4563	13.440E-6
	11.00000	0.00000	-3.00000	-1.5636	-3.3442	-0.040164	-2.5620	22.907E-6
	12.00000	0.00000	-3.00000	-2.2970	-3.3442	-0.22726	-5.8736	44.511E-6
	13.00000	0.00000	-3.00000	-4.0272	-3.3442	-13.784	-31.847	-501.92E-6
	14.00000	0.00000	-3.00000	-5.7201	-3.3442	-27.356	-57.846	-0.0010490
	15.00000	0.00000	-3.00000	-6.3364	-3.3442	-27.602	-61.245	-0.0010300
	16.00000	0.00000	-3.00000	-6.5727	-3.3442	-27.801	-62.541	-0.0010290
	17.00000	0.00000	-3.00000	-6.5237	-3.3442	-28.437	-63.408	-0.0010581
	18.00000	0.00000	-3.00000	-6.1480	-3.3442	-31.347	-61.898	-0.0012454
	19.00000	0.00000	-3.00000	-4.4719	-3.3442	-14.480	-28.313	-578.04E-6
	20.00000	0.00000	-3.00000	-3.1227	-3.3442	-6.9450	-14.373	-269.40E-6
	21.00000	0.00000	-3.00000	-2.1786	-3.3442	-3.1434	-7.9415	-107.76E-6
	22.00000	0.00000	-3.00000	-1.5361	-3.3442	-1.3417	-4.5843	-34.206E-6
	23.00000	0.00000	-3.00000	-1.1020	-3.3442	-0.56774	-2.7720	-6.2617E-6
	24.00000	0.00000	-3.00000	-0.80458	-3.3442	-0.25175	-1.7630	2.4922E-6
	25.00000	0.00000	-3.00000	-0.59593	-3.3442	-0.11988	-1.1762	4.5091E-6
	26.00000	0.00000	-3.00000	-0.44622	-3.3442	-0.061374	-0.81807	4.4396E-6
	27.00000	0.00000	-3.00000	-0.33683	-3.3442	-0.033526	-0.58950	3.8327E-6
	28.00000	0.00000	-3.00000	-0.25575	-3.3442	-0.019367	-0.43768	3.1728E-6
	29.00000	0.00000	-3.00000	-0.19497	-3.3442	-0.011734	-0.33331	2.5947E-6
	30.00000	0.00000	-3.00000	-0.14901	-3.3442	-0.0074068	-0.25938	2.1213E-6
	31.00000	0.00000	-3.00000	-0.11400	-3.3442	-0.0048431	-0.20565	1.7429E-6
	32.00000	0.00000	-3.00000	-0.087171	-3.3442	-0.0032653	-0.16572	1.4422E-6
	33.00000	0.00000	-3.00000	-0.066522	-3.3442	-0.0022613	-0.13545	1.2029E-6
	34.00000	0.00000	-3.00000	-0.050565	-3.3442	-0.0016034	-0.11210	1.0114E-6
	35.00000	0.00000	-3.00000	-0.038194	-3.3442	-0.0011609	-0.093804	0.0
	36.00000	0.00000	-3.00000	-0.028580	-3.3442	-856.31E-6	-0.079276	0.0
	37.00000	0.00000	-3.00000	-0.021096	-3.3442	-642.28E-6	-0.067594	0.0
	38.00000	0.00000	-3.00000	-0.015263	-3.3442	-489.04E-6	-0.058096	0.0
	39.00000	0.00000	-3.00000	-0.010714	-3.3442	-377.45E-6	-0.050296	0.0
	40.00000	0.00000	-3.00000	-0.0071695	-3.3442	-294.94E-6	-0.043830	0.0
	41.00000	0.00000	-3.00000	-0.0044102	-3.3442	-233.08E-6	-0.038426	0.0
	42.00000	0.00000	-3.00000	-0.0022675	-3.3442	-186.10E-6	-0.033875	0.0
	43.00000	0.00000	-3.00000	-609.76E-6	-3.3442	-150.00E-6	-0.030015	0.0
	44.00000	0.00000	-3.00000	665.78E-6	-3.3442	-121.96E-6	-0.026720	0.0
	45.00000	0.00000	-3.00000	0.0016398	-3.3442	-99.967E-6	-0.023889	0.0
	-10.00000	1.00000	-3.00000	-376.37E-6	-3.3442	-44.716E-6	-0.023803	0.0
	-9.00000	1.00000	-3.00000	-0.0020382	-3.3442	-53.047E-6	-0.026644	0.0
	-8.00000	1.00000	-3.00000	-0.0041978	-3.3442	-63.317E-6	-0.029959	0.0
	-7.00000	1.00000	-3.00000	-0.0069932	-3.3442	-76.073E-6	-0.033852	0.0
	-6.00000	1.00000	-3.00000	-0.010603	-3.3442	-92.051E-6	-0.038454	0.0
	-5.00000	1.00000	-3.00000	-0.015258	-3.3442	-112.24E-6	-0.043937	0.0
	-4.00000	1.00000	-3.00000	-0.021258	-3.3442	-138.02E-6	-0.050524	0.0
	-3.00000	1.00000	-3.00000	-0.028998	-3.3442	-171.27E-6	-0.058510	0.0
	-2.00000	1.00000	-3.00000	-0.038995	-3.3442	-214.68E-6	-0.068290	0.0
	-1.00000	1.00000	-3.00000	-0.051934	-3.3442	-272.09E-6	-0.080406	0.0
	0.00000	1.00000	-3.00000	-0.068725	-3.3442	-349.14E-6	-0.095609	0.0
	1.00000	1.00000	-3.00000	-0.090593	-3.3442	-454.26E-6	-0.11496	1.1077E-6
	2.00000	1.00000	-3.00000	-0.11920	-3.3442	-600.37E-6	-0.14002	1.3463E-6
	3.00000	1.00000	-3.00000	-0.15682	-3.3442	-807.93E-6	-0.17308	1.6603E-6
	4.00000	1.00000	-3.00000	-0.20661	-3.3442	-0.0011104	-0.21770	2.0828E-6
	5.00000	1.00000	-3.00000	-0.27309	-3.3442	-0.0015651	-0.27957	2.6665E-6
	6.00000	1.00000	-3.00000	-0.36274	-3.3442	-0.0022758	-0.36823	3.4994E-6
	7.00000	1.00000	-3.00000	-0.48533	-3.3442	-0.0034456	-0.50058	4.7364E-6
	8.00000	1.00000	-3.00000	-0.65599	-3.3442	-0.0055178	-0.70903	6.6710E-6
	9.00000	1.00000	-3.00000	-0.89964	-3.3442	-0.0096345	-1.0624	9.9147E-6
	10.00000	1.00000	-3.00000	-1.2605	-3.3442	-0.019643	-1.7313	15.923E-6
	11.00000	1.00000	-3.00000	-1.8282	-3.3442	-0.056026	-3.2610	28.867E-6
	12.00000	1.00000	-3.00000	-2.8323	-3.3442	-0.38687	-8.5042	61.023E-6
	13.00000	1.00000	-3.00000	-5.6928	-3.3442	-27.334	-57.701	-0.0010491
	14.00000	1.00000	-3.00000	-8.5100	-3.3442	-54.301	-106.94	-0.0021601
	15.00000	1.00000	-3.00000	-9.3771	-3.3442	-54.714	-112.32	-0.0021315
	16.00000	1.00000	-3.00000	-9.6896	-3.3442	-55.000	-114.14	-0.0021304
	17.00000	1.00000	-3.00000	-9.6194	-3.3442	-55.990	-115.36	-0.0021770

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 [-]
	18.00000	1.00000	-3.00000	-9.0868	-3.3442	-61.041	-112.20	-0.0025073
	19.00000	1.00000	-3.00000	-6.1567	-3.3442	-26.341	-46.391	-0.0011020
	20.00000	1.00000	-3.00000	-4.0124	-3.3442	-11.588	-21.219	-476.80E-6
	21.00000	1.00000	-3.00000	-2.6536	-3.3442	-4.8739	-10.842	-181.61E-6
	22.00000	1.00000	-3.00000	-1.7966	-3.3442	-1.9531	-5.8823	-57.603E-6
	23.00000	1.00000	-3.00000	-1.2508	-3.3442	-0.78013	-3.3824	-12.815E-6
	24.00000	1.00000	-3.00000	-0.89356	-3.3442	-0.32854	-2.0669	0.0
	25.00000	1.00000	-3.00000	-0.65135	-3.3442	-0.14970	-1.3368	4.3284E-6
	26.00000	1.00000	-3.00000	-0.48193	-3.3442	-0.073884	-0.90779	4.5842E-6
	27.00000	1.00000	-3.00000	-0.36048	-3.3442	-0.039171	-0.64219	4.0185E-6
	28.00000	1.00000	-3.00000	-0.27177	-3.3442	-0.022084	-0.47003	3.3311E-6
	29.00000	1.00000	-3.00000	-0.20602	-3.3442	-0.013120	-0.35394	2.7163E-6
	30.00000	1.00000	-3.00000	-0.15674	-3.3442	-0.0081501	-0.27300	2.2117E-6
	31.00000	1.00000	-3.00000	-0.11948	-3.3442	-0.0052599	-0.21492	1.8096E-6
	32.00000	1.00000	-3.00000	-0.091101	-3.3442	-0.0035084	-0.17218	1.4916E-6
	33.00000	1.00000	-3.00000	-0.069363	-3.3442	-0.0024081	-0.14006	1.2398E-6
	34.00000	1.00000	-3.00000	-0.052634	-3.3442	-0.0016948	-0.11546	1.0392E-6
	35.00000	1.00000	-3.00000	-0.039711	-3.3442	-0.0012195	-0.096304	0.0
	36.00000	1.00000	-3.00000	-0.029698	-3.3442	-894.81E-6	-0.081163	0.0
	37.00000	1.00000	-3.00000	-0.021924	-3.3442	-668.14E-6	-0.069040	0.0
	38.00000	1.00000	-3.00000	-0.015877	-3.3442	-506.76E-6	-0.059218	0.0
	39.00000	1.00000	-3.00000	-0.011172	-3.3442	-389.83E-6	-0.051178	0.0
	40.00000	1.00000	-3.00000	-0.0075109	-3.3442	-303.73E-6	-0.044531	0.0
	41.00000	1.00000	-3.00000	-0.0046648	-3.3442	-239.42E-6	-0.038989	0.0
	42.00000	1.00000	-3.00000	-0.0024572	-3.3442	-190.73E-6	-0.034331	0.0
	43.00000	1.00000	-3.00000	-750.79E-6	-3.3442	-153.43E-6	-0.030387	0.0
	44.00000	1.00000	-3.00000	561.44E-6	-3.3442	-124.54E-6	-0.027026	0.0
	45.00000	1.00000	-3.00000	0.0015631	-3.3442	-101.92E-6	-0.024143	0.0
	-10.00000	2.00000	-3.00000	-459.34E-6	-3.3442	-45.146E-6	-0.023962	0.0
	-9.00000	2.00000	-3.00000	-0.0021505	-3.3442	-53.595E-6	-0.026837	0.0
	-8.00000	2.00000	-3.00000	-0.0043493	-3.3442	-64.022E-6	-0.030195	0.0
	-7.00000	2.00000	-3.00000	-0.0071974	-3.3442	-76.989E-6	-0.034141	0.0
	-6.00000	2.00000	-3.00000	-0.010878	-3.3442	-93.252E-6	-0.038812	0.0
	-5.00000	2.00000	-3.00000	-0.015629	-3.3442	-113.84E-6	-0.044386	0.0
	-4.00000	2.00000	-3.00000	-0.021761	-3.3442	-140.16E-6	-0.051091	0.0
	-3.00000	2.00000	-3.00000	-0.029681	-3.3442	-174.20E-6	-0.059236	0.0
	-2.00000	2.00000	-3.00000	-0.039926	-3.3442	-218.73E-6	-0.069233	0.0
	-1.00000	2.00000	-3.00000	-0.053209	-3.3442	-277.79E-6	-0.081649	0.0
	0.00000	2.00000	-3.00000	-0.070486	-3.3442	-357.32E-6	-0.097274	0.0
	1.00000	2.00000	-3.00000	-0.093043	-3.3442	-466.24E-6	-0.11724	1.1295E-6
	2.00000	2.00000	-3.00000	-0.12264	-3.3442	-618.38E-6	-0.14319	1.3766E-6
	3.00000	2.00000	-3.00000	-0.16170	-3.3442	-835.76E-6	-0.17762	1.7035E-6
	4.00000	2.00000	-3.00000	-0.21363	-3.3442	-0.0011549	-0.22439	2.1462E-6
	5.00000	2.00000	-3.00000	-0.28333	-3.3442	-0.0016391	-0.28977	2.7628E-6
	6.00000	2.00000	-3.00000	-0.37797	-3.3442	-0.0024052	-0.38442	3.6515E-6
	7.00000	2.00000	-3.00000	-0.50850	-3.3442	-0.0036860	-0.52757	4.9886E-6
	8.00000	2.00000	-3.00000	-0.69224	-3.3442	-0.0060016	-0.75679	7.1137E-6
	9.00000	2.00000	-3.00000	-0.95829	-3.3442	-0.010719	-1.1534	10.748E-6
	10.00000	2.00000	-3.00000	-1.3595	-3.3442	-0.022472	-1.9212	17.631E-6
	11.00000	2.00000	-3.00000	-2.0029	-3.3442	-0.065270	-3.7066	32.716E-6
	12.00000	2.00000	-3.00000	-3.1534	-3.3442	-0.42806	-9.6934	70.320E-6
	13.00000	2.00000	-3.00000	-6.2621	-3.3442	-27.523	-60.803	-0.0010297
	14.00000	2.00000	-3.00000	-9.3228	-3.3442	-54.645	-111.98	-0.0021307
	15.00000	2.00000	-3.00000	-10.321	-3.3442	-55.114	-118.17	-0.0020974
	16.00000	2.00000	-3.00000	-10.681	-3.3442	-55.462	-120.34	-0.0020966
	17.00000	2.00000	-3.00000	-10.598	-3.3442	-56.620	-121.79	-0.0021509
	18.00000	2.00000	-3.00000	-9.9866	-3.3442	-62.235	-118.64	-0.0025144
	19.00000	2.00000	-3.00000	-6.8840	-3.3442	-28.276	-51.696	-0.0011642
	20.00000	2.00000	-3.00000	-4.5057	-3.3442	-13.159	-24.515	-537.29E-6
	21.00000	2.00000	-3.00000	-2.9514	-3.3442	-5.7097	-12.584	-213.91E-6
	22.00000	2.00000	-3.00000	-1.9683	-3.3442	-2.3105	-6.7434	-70.269E-6
	23.00000	2.00000	-3.00000	-1.3501	-3.3442	-0.91827	-3.8038	-16.836E-6
	24.00000	2.00000	-3.00000	-0.95261	-3.3442	-0.38116	-2.2786	0.0
	25.00000	2.00000	-3.00000	-0.68772	-3.3442	-0.17049	-1.4478	4.1933E-6
	26.00000	2.00000	-3.00000	-0.50509	-3.3442	-0.082596	-0.96909	4.6733E-6
	27.00000	2.00000	-3.00000	-0.37566	-3.3442	-0.043062	-0.67772	4.1387E-6
	28.00000	2.00000	-3.00000	-0.28195	-3.3442	-0.023934	-0.49157	3.4342E-6
	29.00000	2.00000	-3.00000	-0.21299	-3.3442	-0.014051	-0.36754	2.7954E-6
	30.00000	2.00000	-3.00000	-0.16160	-3.3442	-0.0086435	-0.28190	2.2703E-6
	31.00000	2.00000	-3.00000	-0.12290	-3.3442	-0.0055336	-0.22092	1.8527E-6
	32.00000	2.00000	-3.00000	-0.093545	-3.3442	-0.0036666	-0.17635	1.5233E-6
	33.00000	2.00000	-3.00000	-0.071124	-3.3442	-0.0025029	-0.14302	1.2633E-6
	34.00000	2.00000	-3.00000	-0.053913	-3.3442	-0.0017535	-0.11761	1.0569E-6
	35.00000	2.00000	-3.00000	-0.040646	-3.3442	-0.0012569	-0.097893	0.0
	36.00000	2.00000	-3.00000	-0.030387	-3.3442	-919.23E-6	-0.082359	0.0
	37.00000	2.00000	-3.00000	-0.022432	-3.3442	-684.47E-6	-0.069954	0.0
	38.00000	2.00000	-3.00000	-0.016255	-3.3442	-517.92E-6	-0.059926	0.0
	39.00000	2.00000	-3.00000	-0.011453	-3.3442	-397.59E-6	-0.051733	0.0
	40.00000	2.00000	-3.00000	-0.0077201	-3.3442	-309.23E-6	-0.044971	0.0
	41.00000	2.00000	-3.00000	-0.0048208	-3.3442	-243.37E-6	-0.039342	0.0
	42.00000	2.00000	-3.00000	-0.0025734	-3.3442	-193.62E-6	-0.034616	0.0
	43.00000	2.00000	-3.00000	-837.10E-6	-3.3442	-155.57E-6	-0.030620	0.0
	44.00000	2.00000	-3.00000	497.57E-6	-3.3442	-126.14E-6	-0.027217	0.0
	45.00000	2.00000	-3.00000	0.0015162	-3.3442	-103.13E-6	-0.024302	0.0
	-10.00000	3.00000	-3.00000	-487.01E-6	-3.3442	-45.326E-6	-0.024025	0.0
	-9.00000	3.00000	-3.00000	-0.0021878	-3.3442	-53.826E-6	-0.026913	0.0
	-8.00000	3.00000	-3.00000	-0.0043996	-3.3442	-64.320E-6	-0.030287	0.0
	-7.00000	3.00000	-3.00000	-0.0072651	-3.3442	-77.379E-6	-0.034255	0.0
	-6.00000	3.00000	-3.00000	-0.010969	-3.3442	-93.768E-6	-0.038954	0.0
	-5.00000	3.00000	-3.00000	-0.015752	-3.3442	-114.53E-6	-0.044563	0.0
	-4.00000	3.00000	-3.00000	-0.021927	-3.3442	-141.10E-6	-0.051316	0.0
	-3.00000	3.00000	-3.00000	-0.029906	-3.3442	-175.48E-6	-0.059524	0.0
	-2.00000	3.00000	-3.00000	-0.040233	-3.3442	-220.53E-6	-0.069607	0.0
	-1.00000	3.00000	-3.00000	-0.053631	-3.3442	-280.36E-6	-0.082141	0.0
	0.00000	3.00000	-3.00000	-0.071068	-3.3442	-361.05E-6	-0.097935	0.0
	1.00000	3.00000	-3.00000	-0.093854	-3.3442	-471.79E-6	-0.11814	1.1380E-6
	2.00000	3.00000	-3.00000	-0.12378	-3.3442	-626.85E-6	-0.14445	1.3885E-6
	3.00000	3.00000	-3.00000	-0.16332	-3.3442	-849.11E-6	-0.17943	1.7206E-6
	4.00000	3.00000	-3.00000	-0.21597	-3.3442	-0.0011767	-0.22706	2.1713E-6
	5.00000	3.00000	-3.00000	-0.28675	-3.3442	-0.0016762	-0.29385	2.8009E-6
	6.00000	3.00000	-3.00000	-0.38308	-3.3442	-0.0024716	-0.39090	3.7116E-6
	7.00000	3.00000	-3.00000	-0.51631	-3.3442	-0.0038124	-0.53840	5.0879E-6
	8.00000	3.00000	-3.00000	-0.70453	-3.3442	-0.0062612	-0.77594	7.2873E-6
	9.00000	3.00000	-3.00000	-0.97828	-3.3442	-0.011303	-1.1896	11.071E-6
	10.00000	3.00000	-3.00000	-1.3931	-3.3442	-0.023939	-1.9949	18.271E-6
	11.00000	3.00000	-3.00000	-2.0613	-3.3442	-0.069388	-3.8666	34.052E-6
	12.00000	3.00000	-3.00000	-3.2537	-3.3442	-0.44034	-10.046	73.069E-6
	13.00000	3.00000	-3.00000	-6.4210	-3.3442	-27.557	-61.496	-0.0010249
	14.00000	3.00000	-3.00000	-9.5369	-3.3442	-54.725	-113.07	-0.0021247
	15.00000	3.00000	-3.00000	-10.568	-3.3442	-55.275	-119.61	-0.0020927
	16.00000	3.00000	-3.00000	-10.938	-3.3442	-55.706	-122.03	-0.0020944
	17.00000	3.00000	-3.00000	-10.850	-3.3442	-56.920	-123.57	-0.0021510
	18.00000	3.00000	-3.00000	-10.219	-3.3442	-62.585	-120.35	-0.0025182
	19.00000	3.00000	-3.00000	-7.0785	-3.3442	-28.661	-53.130	-0.0011728
	20.00000	3.00000	-3.00000	-4.6492	-3.3442	-13.495	-25.510	-547.37E-6
	21.00000	3.00000	-3.00000	-3.0451	-3.3442	-5.9255	-13.170	-220.91E-6
	22.00000	3.00000	-3.00000	-2.0250	-3.3442	-2.4181	-7.0538	-73.574E-6
	23.00000	3.00000	-3.00000	-1.3835	-3.3442	-0.96423	-3.9614	-18.002E-6
	24.00000	3.00000	-3.00000	-0.97255	-3.3442	-0.39966	-2.3589	0.0
	25.00000	3.00000	-3.00000	-0.69996	-3.3442	-0.17799	-1.4902	4.1678E-6
	26.00000	3.00000	-3.00000	-0.51284	-3.3442	-0.085761	-0.99246	4.7165E-6
	27.00000	3.00000	-3.00000	-0.38072	-3.3442	-0.044476	-0.69124	4.1884E-6
	28.00000	3.00000	-3.00000	-0.28533	-3.3442	-0.024604	-0.49975	3.4753E-6
	29.00000	3.00000	-3.00000	-0.21530	-3.3442	-0.014387	-0.37270	2.8263E-6
	30.00000	3.00000	-3.00000	-0.16320	-3.3442	-0.0088209	-0.28526	2.2931E-6
	31.00000	3.00000	-3.00000	-0.12403	-3.3442	-0.0056318	-0.22319	1.8693E-6
	32.00000	3.00000	-3.00000	-0.094349	-3.3442	-0.0037231	-0.17792	1.5355E-6
	33.00000	3.00000	-3.00000	-0.071703	-3.3442	-0.0025367	-0.14414	1.2724E-6
	34.00000	3.00000	-3.00000	-0.054334	-3.3442	-0.0017744	-0.11842	1.0637E-6
	35.00000	3.00000	-3.00000	-0.040954	-3.3442	-0.0012702	-0.098494	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 [-]	
	36.00000	3.00000	-3.00000	-0.030613	-3.3442	-927.92E-6	-0.082811	0.0	
	37.00000	3.00000	-3.00000	-0.022600	-3.3442	-690.28E-6	-0.070300	0.0	
	38.00000	3.00000	-3.00000	-0.016379	-3.3442	-521.89E-6	-0.060194	0.0	
	39.00000	3.00000	-3.00000	-0.011546	-3.3442	-400.36E-6	-0.051943	0.0	
	40.00000	3.00000	-3.00000	-0.0077891	-3.3442	-311.19E-6	-0.045138	0.0	
	41.00000	3.00000	-3.00000	-0.0048723	-3.3442	-244.78E-6	-0.039475	0.0	
	42.00000	3.00000	-3.00000	-0.0026119	-3.3442	-194.65E-6	-0.034724	0.0	
	43.00000	3.00000	-3.00000	-865.79E-6	-3.3442	-156.33E-6	-0.030708	0.0	
	44.00000	3.00000	-3.00000	476.27E-6	-3.3442	-126.71E-6	-0.027290	0.0	
	45.00000	3.00000	-3.00000	0.0015005	-3.3442	-103.56E-6	-0.024362	0.0	
	-10.00000	4.00000	-3.00000	-458.41E-6	-3.3442	-45.252E-6	-0.023990	0.0	
	-9.00000	4.00000	-3.00000	-0.0021489	-3.3442	-53.733E-6	-0.026871	0.0	
	-8.00000	4.00000	-3.00000	-0.0043469	-3.3442	-64.204E-6	-0.030235	0.0	
	-7.00000	4.00000	-3.00000	-0.0071937	-3.3442	-77.232E-6	-0.034191	0.0	
	-6.00000	4.00000	-3.00000	-0.010873	-3.3442	-93.581E-6	-0.038874	0.0	
	-5.00000	4.00000	-3.00000	-0.015621	-3.3442	-114.29E-6	-0.044463	0.0	
	-4.00000	4.00000	-3.00000	-0.021749	-3.3442	-140.79E-6	-0.051189	0.0	
	-3.00000	4.00000	-3.00000	-0.029664	-3.3442	-175.08E-6	-0.059361	0.0	
	-2.00000	4.00000	-3.00000	-0.039902	-3.3442	-220.00E-6	-0.069395	0.0	
	-1.00000	4.00000	-3.00000	-0.053176	-3.3442	-279.65E-6	-0.081861	0.0	
	0.00000	4.00000	-3.00000	-0.070438	-3.3442	-360.11E-6	-0.097557	0.0	
	1.00000	4.00000	-3.00000	-0.092974	-3.3442	-470.53E-6	-0.11762	1.1330E-6	
	2.00000	4.00000	-3.00000	-0.12254	-3.3442	-625.16E-6	-0.14372	1.3814E-6	
	3.00000	4.00000	-3.00000	-0.16155	-3.3442	-846.82E-6	-0.17837	1.7102E-6	
	4.00000	4.00000	-3.00000	-0.21342	-3.3442	-0.0011736	-0.22547	2.1558E-6	
	5.00000	4.00000	-3.00000	-0.28302	-3.3442	-0.0016721	-0.29139	2.7768E-6	
	6.00000	4.00000	-3.00000	-0.37751	-3.3442	-0.0024663	-0.38691	3.6725E-6	
	7.00000	4.00000	-3.00000	-0.50779	-3.3442	-0.0038060	-0.53157	5.0209E-6	
	8.00000	4.00000	-3.00000	-0.69114	-3.3442	-0.0062540	-0.76350	7.1649E-6	
	9.00000	4.00000	-3.00000	-0.95656	-3.3442	-0.011296	-1.1652	10.831E-6	
	10.00000	4.00000	-3.00000	-1.3566	-3.3442	-0.023932	-1.9437	17.766E-6	
	11.00000	4.00000	-3.00000	-1.9982	-3.3442	-0.069457	-3.7526	32.923E-6	
	12.00000	4.00000	-3.00000	-3.1449	-3.3442	-0.44205	-9.7964	70.508E-6	
	13.00000	4.00000	-3.00000	-6.2463	-3.3442	-27.579	-61.053	-0.0010305	
	14.00000	4.00000	-3.00000	-9.2926	-3.3442	-54.903	-112.59	-0.0021400	
	15.00000	4.00000	-3.00000	-10.268	-3.3442	-56.074	-119.35	-0.0021426	
	16.00000	4.00000	-3.00000	-10.607	-3.3442	-57.109	-122.04	-0.0021774	
	17.00000	4.00000	-3.00000	-10.519	-3.3442	-58.378	-123.61	-0.0022370	
	18.00000	4.00000	-3.00000	-9.9214	-3.3442	-63.615	-120.09	-0.0025818	
	19.00000	4.00000	-3.00000	-6.8429	-3.3442	-28.812	-52.592	-0.0011871	
	20.00000	4.00000	-3.00000	-4.4838	-3.3442	-13.278	-24.911	-540.43E-6	
	21.00000	4.00000	-3.00000	-2.9398	-3.3442	-5.7370	-12.743	-213.96E-6	
	22.00000	4.00000	-3.00000	-1.9619	-3.3442	-2.3180	-6.8115	-70.041E-6	
	23.00000	4.00000	-3.00000	-1.3464	-3.3442	-0.92070	-3.8356	-16.665E-6	
	24.00000	4.00000	-3.00000	-0.95040	-3.3442	-0.38207	-2.2948	0.0	
	25.00000	4.00000	-3.00000	-0.68635	-3.3442	-0.17087	-1.4567	4.2584E-6	
	26.00000	4.00000	-3.00000	-0.50421	-3.3442	-0.082768	-0.97423	4.7138E-6	
	27.00000	4.00000	-3.00000	-0.37509	-3.3442	-0.043147	-0.68086	4.1647E-6	
	28.00000	4.00000	-3.00000	-0.28157	-3.3442	-0.023979	-0.49357	3.4513E-6	
	29.00000	4.00000	-3.00000	-0.21274	-3.3442	-0.014076	-0.36886	2.8069E-6	
	30.00000	4.00000	-3.00000	-0.16142	-3.3442	-0.0086578	-0.28279	2.2783E-6	
	31.00000	4.00000	-3.00000	-0.12279	-3.3442	-0.0055423	-0.22155	1.8583E-6	
	32.00000	4.00000	-3.00000	-0.093462	-3.3442	-0.0036720	-0.17680	1.5274E-6	
	33.00000	4.00000	-3.00000	-0.071067	-3.3442	-0.0025064	-0.14335	1.2664E-6	
	34.00000	4.00000	-3.00000	-0.053873	-3.3442	-0.0017558	-0.11786	1.0592E-6	
	35.00000	4.00000	-3.00000	-0.040618	-3.3442	-0.0012584	-0.098078	0.0	
	36.00000	4.00000	-3.00000	-0.030367	-3.3442	-920.28E-6	-0.082501	0.0	
	37.00000	4.00000	-3.00000	-0.022419	-3.3442	-685.21E-6	-0.070064	0.0	
	38.00000	4.00000	-3.00000	-0.016245	-3.3442	-518.45E-6	-0.060013	0.0	
	39.00000	4.00000	-3.00000	-0.011446	-3.3442	-397.98E-6	-0.051802	0.0	
	40.00000	4.00000	-3.00000	-0.0077156	-3.3442	-309.51E-6	-0.045027	0.0	
	41.00000	4.00000	-3.00000	-0.0048177	-3.3442	-243.58E-6	-0.039387	0.0	
	42.00000	4.00000	-3.00000	-0.0025714	-3.3442	-193.78E-6	-0.034653	0.0	
	43.00000	4.00000	-3.00000	-835.88E-6	-3.3442	-155.69E-6	-0.030650	0.0	
	44.00000	4.00000	-3.00000	498.26E-6	-3.3442	-126.23E-6	-0.027243	0.0	
	45.00000	4.00000	-3.00000	0.0015165	-3.3442	-103.20E-6	-0.024323	0.0	
	-10.00000	5.00000	-3.00000	-374.56E-6	-3.3442	-44.925E-6	-0.023857	0.0	
	-9.00000	5.00000	-3.00000	-0.0020352	-3.3442	-53.319E-6	-0.026710	0.0	
	-8.00000	5.00000	-3.00000	-0.0041930	-3.3442	-63.675E-6	-0.030040	0.0	
	-7.00000	5.00000	-3.00000	-0.0069860	-3.3442	-76.550E-6	-0.033951	0.0	
	-6.00000	5.00000	-3.00000	-0.010592	-3.3442	-92.694E-6	-0.038576	0.0	
	-5.00000	5.00000	-3.00000	-0.015242	-3.3442	-113.12E-6	-0.044090	0.0	
	-4.00000	5.00000	-3.00000	-0.021236	-3.3442	-139.24E-6	-0.050716	0.0	
	-3.00000	5.00000	-3.00000	-0.028966	-3.3442	-172.99E-6	-0.058755	0.0	
	-2.00000	5.00000	-3.00000	-0.038950	-3.3442	-217.15E-6	-0.068607	0.0	
	-1.00000	5.00000	-3.00000	-0.051868	-3.3442	-275.70E-6	-0.080821	0.0	
	0.00000	5.00000	-3.00000	-0.068632	-3.3442	-354.53E-6	-0.096160	0.0	
	1.00000	5.00000	-3.00000	-0.090460	-3.3442	-462.50E-6	-0.11571	1.1146E-6	
	2.00000	5.00000	-3.00000	-0.11901	-3.3442	-613.33E-6	-0.14104	1.3557E-6	
	3.00000	5.00000	-3.00000	-0.15654	-3.3442	-828.94E-6	-0.17452	1.6733E-6	
	4.00000	5.00000	-3.00000	-0.20621	-3.3442	-0.0011457	-0.21978	2.1012E-6	
	5.00000	5.00000	-3.00000	-0.27249	-3.3442	-0.0016268	-0.28265	2.6933E-6	
	6.00000	5.00000	-3.00000	-0.36186	-3.3442	-0.0023888	-0.37293	3.5392E-6	
	7.00000	5.00000	-3.00000	-0.48400	-3.3442	-0.0036646	-0.50805	4.7971E-6	
	8.00000	5.00000	-3.00000	-0.65395	-3.3442	-0.0059711	-0.72141	6.7663E-6	
	9.00000	5.00000	-3.00000	-0.89644	-3.3442	-0.010652	-1.0840	10.068E-6	
	10.00000	5.00000	-3.00000	-1.2554	-3.3442	-0.022174	-1.7715	16.170E-6	
	11.00000	5.00000	-3.00000	-1.8196	-3.3442	-0.063226	-3.3420	29.239E-6	
	12.00000	5.00000	-3.00000	-2.8172	-3.3442	-0.41161	-8.6836	61.328E-6	
	13.00000	5.00000	-3.00000	-5.6648	-3.3442	-27.448	-58.148	-0.0010515	
	14.00000	5.00000	-3.00000	-8.4535	-3.3442	-55.135	-108.04	-0.0021986	
	15.00000	5.00000	-3.00000	-8.9242	-3.3442	-50.898	-100.75	-0.0020197	
	16.00000	5.00000	-3.00000	-8.8454	-3.3442	-46.507	-89.809	-0.0018676	
	17.00000	5.00000	-3.00000	-8.7650	-3.3442	-47.979	-91.243	-0.0019406	
	18.00000	5.00000	-3.00000	-8.2697	-3.3442	-51.115	-88.653	-0.0021519	
	19.00000	5.00000	-3.00000	-6.0693	-3.3442	-28.630	-46.788	-0.0012336	
	20.00000	5.00000	-3.00000	-3.9730	-3.3442	-11.878	-21.949	-486.73E-6	
	21.00000	5.00000	-3.00000	-2.6332	-3.3442	-4.9247	-11.121	-181.86E-6	
	22.00000	5.00000	-3.00000	-1.7852	-3.3442	-1.9661	-6.0012	-57.198E-6	
	23.00000	5.00000	-3.00000	-1.2442	-3.3442	-0.78432	-3.4388	-12.505E-6	
	24.00000	5.00000	-3.00000	-0.88951	-3.3442	-0.33012	-2.0962	1.1394E-6	
	25.00000	5.00000	-3.00000	-0.64880	-3.3442	-0.15037	-1.3530	4.4489E-6	
	26.00000	5.00000	-3.00000	-0.48029	-3.3442	-0.074196	-0.91735	4.6600E-6	
	27.00000	5.00000	-3.00000	-0.35940	-3.3442	-0.039327	-0.64809	4.0675E-6	
	28.00000	5.00000	-3.00000	-0.27104	-3.3442	-0.022167	-0.47381	3.3636E-6	
	29.00000	5.00000	-3.00000	-0.20553	-3.3442	-0.013167	-0.35646	2.7384E-6	
	30.00000	5.00000	-3.00000	-0.15641	-3.3442	-0.0081772	-0.27473	2.2272E-6	
	31.00000	5.00000	-3.00000	-0.11925	-3.3442	-0.0052764	-0.21613	1.8206E-6	
	32.00000	5.00000	-3.00000	-0.090941	-3.3442	-0.0035187	-0.17306	1.4996E-6	
	33.00000	5.00000	-3.00000	-0.069252	-3.3442	-0.0024148	-0.14070	1.2457E-6	
	34.00000	5.00000	-3.00000	-0.052556	-3.3442	-0.0016992	-0.11594	1.0436E-6	
	35.00000	5.00000	-3.00000	-0.039656	-3.3442	-0.0012225	-0.096665	0.0	
	36.00000	5.00000	-3.00000	-0.029660	-3.3442	-896.86E-6	-0.081441	0.0	
	37.00000	5.00000	-3.00000	-0.021897	-3.3442	-669.58E-6	-0.069256	0.0	
	38.00000	5.00000	-3.00000	-0.015859	-3.3442	-507.80E-6	-0.059389	0.0	
	39.00000	5.00000	-3.00000	-0.011159	-3.3442	-390.58E-6	-0.051314	0.0	
	40.00000	5.00000	-3.00000	-0.0075021	-3.3442	-304.29E-6	-0.044640	0.0	
	41.00000	5.00000	-3.00000	-0.0046589	-3.3442	-239.83E-6	-0.039078	0.0	
	42.00000	5.00000	-3.00000	-0.0024534	-3.3442	-191.05E-6	-0.034403	0.0	
	43.00000	5.00000	-3.00000	-748.42E-6	-3.3442	-153.67E-6	-0.030447	0.0	
	44.00000	5.00000	-3.00000	562.78E-6	-3.3442	-124.72E-6	-0.027076	0.0	
	45.00000	5.00000	-3.00000	0.0015638	-3.3442	-102.06E-6	-0.024185	0.0	
	-10.00000	6.00000	-3.00000	-238.34E-6	-3.3442	-44.352E-6	-0.023630	0.0	
	-9.00000	6.00000	-3.00000	-0.0018505	-3.3442	-52.594E-6	-0.026435	0.0	
	-8.00000	6.00000	-3.00000	-0.0039437	-3.3442	-62.747E-6	-0.029705	0.0	
	-7.00000	6.00000	-3.00000	-0.0066499	-3.3442	-75.354E-6	-0.033540	0.0	
	-6.00000	6.00000	-3.00000	-0.010139	-3.3442	-91.136E-6	-0.038068	0.0	
	-5.00000	6.00000	-3.00000	-0.014631	-3.3442	-111.07E-6	-0.043455	0.0	
	-4.00000	6.00000	-3.00000	-0.020409	-3.3442	-136.50E-6	-0.049913	0.0	
	-3.00000	6.00000	-3.00000	-0.027846	-3.3442	-169.30E-6	-0.057728	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 [-]
	-2.00000	6.00000	-3.00000	-0.037423	-3.3442	-212.09E-6	-0.067276	0.0
	-1.00000	6.00000	-3.00000	-0.049779	-3.3442	-268.67E-6	-0.079070	0.0
	0.00000	6.00000	-3.00000	-0.065754	-3.3442	-344.59E-6	-0.093818	0.0
	1.00000	6.00000	-3.00000	-0.086469	-3.3442	-448.15E-6	-0.11252	1.0839E-6
	2.00000	6.00000	-3.00000	-0.11342	-3.3442	-592.12E-6	-0.13660	1.3131E-6
	3.00000	6.00000	-3.00000	-0.14866	-3.3442	-796.73E-6	-0.16818	1.6127E-6
	4.00000	6.00000	-3.00000	-0.19494	-3.3442	-0.0010952	-0.21048	2.0124E-6
	5.00000	6.00000	-3.00000	-0.25616	-3.3442	-0.0015443	-0.26854	2.5588E-6
	6.00000	6.00000	-3.00000	-0.33780	-3.3442	-0.0022473	-0.35064	3.3275E-6
	7.00000	6.00000	-3.00000	-0.44778	-3.3442	-0.0034051	-0.47110	4.4478E-6
	8.00000	6.00000	-3.00000	-0.59802	-3.3442	-0.0054492	-0.65633	6.1549E-6
	9.00000	6.00000	-3.00000	-0.80711	-3.3442	-0.0094492	-0.95990	8.9141E-6
	10.00000	6.00000	-3.00000	-1.1061	-3.3442	-0.018709	-1.5063	13.758E-6
	11.00000	6.00000	-3.00000	-1.5527	-3.3442	-0.048216	-2.6588	23.385E-6
	12.00000	6.00000	-3.00000	-2.2788	-3.3442	-0.25370	-6.0787	44.970E-6
	13.00000	6.00000	-3.00000	-3.9947	-3.3442	-13.901	-32.336	-504.06E-6
	14.00000	6.00000	-3.00000	-5.6574	-3.3442	-28.195	-59.011	-0.0010872
	15.00000	6.00000	-3.00000	-5.8759	-3.3442	-23.795	-49.765	-917.93E-6
	16.00000	6.00000	-3.00000	-5.7197	-3.3442	-19.319	-38.308	-765.91E-6
	17.00000	6.00000	-3.00000	-5.6603	-3.3442	-20.437	-39.394	-821.41E-6
	18.00000	6.00000	-3.00000	-5.3226	-3.3442	-21.431	-38.444	-889.67E-6
	19.00000	6.00000	-3.00000	-4.3775	-3.3442	-16.777	-28.781	-709.40E-6
	20.00000	6.00000	-3.00000	-3.0780	-3.3442	-7.2387	-15.153	-279.10E-6
	21.00000	6.00000	-3.00000	-2.1544	-3.3442	-3.1965	-8.2531	-107.83E-6
	22.00000	6.00000	-3.00000	-1.5221	-3.3442	-1.3559	-4.7234	-33.672E-6
	23.00000	6.00000	-3.00000	-1.0935	-3.3442	-0.57253	-2.8409	-5.8651E-6
	24.00000	6.00000	-3.00000	-0.79929	-3.3442	-0.25364	-1.8000	2.7454E-6
	25.00000	6.00000	-3.00000	-0.59253	-3.3442	-0.12071	-1.1973	4.6686E-6
	26.00000	6.00000	-3.00000	-0.44399	-3.3442	-0.061771	-0.83080	4.5416E-6
	27.00000	6.00000	-3.00000	-0.33535	-3.3442	-0.033730	-0.59750	3.8996E-6
	28.00000	6.00000	-3.00000	-0.25475	-3.3442	-0.019477	-0.44289	3.2177E-6
	29.00000	6.00000	-3.00000	-0.19429	-3.3442	-0.011797	-0.33681	2.6256E-6
	30.00000	6.00000	-3.00000	-0.14854	-3.3442	-0.0074440	-0.26181	2.1431E-6
	31.00000	6.00000	-3.00000	-0.11367	-3.3442	-0.0048659	-0.20737	1.7585E-6
	32.00000	6.00000	-3.00000	-0.086945	-3.3442	-0.0032797	-0.16696	1.4536E-6
	33.00000	6.00000	-3.00000	-0.066364	-3.3442	-0.0022706	-0.13636	1.2114E-6
	34.00000	6.00000	-3.00000	-0.050454	-3.3442	-0.0016096	-0.11278	1.0178E-6
	35.00000	6.00000	-3.00000	-0.038116	-3.3442	-0.0011651	-0.094327	0.0
	36.00000	6.00000	-3.00000	-0.028525	-3.3442	-859.26E-6	-0.079680	0.0
	37.00000	6.00000	-3.00000	-0.021057	-3.3442	-644.36E-6	-0.067910	0.0
	38.00000	6.00000	-3.00000	-0.015236	-3.3442	-490.53E-6	-0.058346	0.0
	39.00000	6.00000	-3.00000	-0.010696	-3.3442	-378.54E-6	-0.050495	0.0
	40.00000	6.00000	-3.00000	-0.0071568	-3.3442	-295.75E-6	-0.043991	0.0
	41.00000	6.00000	-3.00000	-0.0044017	-3.3442	-233.68E-6	-0.038557	0.0
	42.00000	6.00000	-3.00000	-0.0022620	-3.3442	-186.55E-6	-0.033982	0.0
	43.00000	6.00000	-3.00000	-606.38E-6	-3.3442	-150.35E-6	-0.030104	0.0
	44.00000	6.00000	-3.00000	667.66E-6	-3.3442	-122.23E-6	-0.026793	0.0
	45.00000	6.00000	-3.00000	0.0016406	-3.3442	-100.18E-6	-0.023951	0.0
	-10.00000	7.00000	-3.00000	-54.377E-6	-3.3442	-43.547E-6	-0.023312	0.0
	-9.00000	7.00000	-3.00000	-0.0016015	-3.3442	-51.574E-6	-0.026052	0.0
	-8.00000	7.00000	-3.00000	-0.0036078	-3.3442	-61.445E-6	-0.029240	0.0
	-7.00000	7.00000	-3.00000	-0.0061977	-3.3442	-73.675E-6	-0.032970	0.0
	-6.00000	7.00000	-3.00000	-0.0095308	-3.3442	-88.951E-6	-0.037364	0.0
	-5.00000	7.00000	-3.00000	-0.013812	-3.3442	-108.20E-6	-0.042576	0.0
	-4.00000	7.00000	-3.00000	-0.019305	-3.3442	-132.68E-6	-0.048807	0.0
	-3.00000	7.00000	-3.00000	-0.026352	-3.3442	-164.15E-6	-0.056317	0.0
	-2.00000	7.00000	-3.00000	-0.035396	-3.3442	-205.05E-6	-0.065455	0.0
	-1.00000	7.00000	-3.00000	-0.047015	-3.3442	-258.90E-6	-0.076686	0.0
	0.00000	7.00000	-3.00000	-0.061966	-3.3442	-330.79E-6	-0.090648	0.0
	1.00000	7.00000	-3.00000	-0.081243	-3.3442	-428.28E-6	-0.10823	1.0428E-6
	2.00000	7.00000	-3.00000	-0.10616	-3.3442	-562.85E-6	-0.13068	1.2564E-6
	3.00000	7.00000	-3.00000	-0.13847	-3.3442	-752.48E-6	-0.15981	1.5327E-6
	4.00000	7.00000	-3.00000	-0.18051	-3.3442	-0.0010261	-0.19834	1.8967E-6
	5.00000	7.00000	-3.00000	-0.23547	-3.3442	-0.0014325	-0.25039	2.3863E-6
	6.00000	7.00000	-3.00000	-0.30768	-3.3442	-0.0020574	-0.32250	3.0610E-6
	7.00000	7.00000	-3.00000	-0.40317	-3.3442	-0.0030616	-0.42548	4.0179E-6
	8.00000	7.00000	-3.00000	-0.53044	-3.3442	-0.0047721	-0.57815	5.4234E-6
	9.00000	7.00000	-3.00000	-0.70171	-3.3442	-0.0079320	-0.81559	7.5797E-6
	10.00000	7.00000	-3.00000	-0.93496	-3.3442	-0.014516	-1.2093	11.076E-6
	11.00000	7.00000	-3.00000	-1.2569	-3.3442	-0.031125	-1.9237	17.143E-6
	12.00000	7.00000	-3.00000	-1.7036	-3.3442	-0.087518	-3.3814	28.190E-6
	13.00000	7.00000	-3.00000	-2.2818	-3.3442	-0.30271	-6.3216	44.465E-6
	14.00000	7.00000	-3.00000	-2.8211	-3.3442	-0.69389	-9.5171	52.839E-6
	15.00000	7.00000	-3.00000	-3.1506	-3.3442	-1.4938	-11.588	25.905E-6
	16.00000	7.00000	-3.00000	-3.2824	-3.3442	-2.3068	-12.930	-8.9878E-6
	17.00000	7.00000	-3.00000	-3.2495	-3.3442	-2.7007	-13.589	-25.813E-6
	18.00000	7.00000	-3.00000	-3.0509	-3.3442	-3.0798	-13.305	-51.067E-6
	19.00000	7.00000	-3.00000	-2.6654	-3.3442	-3.1809	-11.294	-76.895E-6
	20.00000	7.00000	-3.00000	-2.1457	-3.3442	-2.4288	-8.0038	-64.830E-6
	21.00000	7.00000	-3.00000	-1.6413	-3.3442	-1.4389	-5.2256	-33.636E-6
	22.00000	7.00000	-3.00000	-1.2312	-3.3442	-0.73369	-3.3543	-10.342E-6
	23.00000	7.00000	-3.00000	-0.92171	-3.3442	-0.35398	-2.1847	0.0
	24.00000	7.00000	-3.00000	-0.69338	-3.3442	-0.17312	-1.4655	4.2120E-6
	25.00000	7.00000	-3.00000	-0.52483	-3.3442	-0.088692	-1.0163	4.7782E-6
	26.00000	7.00000	-3.00000	-0.39943	-3.3442	-0.047983	-0.72741	4.3377E-6
	27.00000	7.00000	-3.00000	-0.30532	-3.3442	-0.027348	-0.53559	3.6665E-6
	28.00000	7.00000	-3.00000	-0.23413	-3.3442	-0.016331	-0.40427	3.0229E-6
	29.00000	7.00000	-3.00000	-0.17991	-3.3442	-0.010159	-0.31184	2.4761E-6
	30.00000	7.00000	-3.00000	-0.13838	-3.3442	-0.0065492	-0.24514	2.0316E-6
	31.00000	7.00000	-3.00000	-0.10641	-3.3442	-0.0043563	-0.19594	1.6759E-6
	32.00000	7.00000	-3.00000	-0.081715	-3.3442	-0.0029786	-0.15893	1.3922E-6
	33.00000	7.00000	-3.00000	-0.062564	-3.3442	-0.0020868	-0.13059	1.1653E-6
	34.00000	7.00000	-3.00000	-0.047674	-3.3442	-0.0014940	-0.10856	0.0
	35.00000	7.00000	-3.00000	-0.036071	-3.3442	-0.0010905	-0.091175	0.0
	36.00000	7.00000	-3.00000	-0.027014	-3.3442	-809.93E-6	-0.077293	0.0
	37.00000	7.00000	-3.00000	-0.019936	-3.3442	-611.05E-6	-0.066077	0.0
	38.00000	7.00000	-3.00000	-0.014401	-3.3442	-467.59E-6	-0.056920	0.0
	39.00000	7.00000	-3.00000	-0.010074	-3.3442	-362.46E-6	-0.049372	0.0
	40.00000	7.00000	-3.00000	-0.0066924	-3.3442	-284.29E-6	-0.043098	0.0
	41.00000	7.00000	-3.00000	-0.0040551	-3.3442	-225.40E-6	-0.037839	0.0
	42.00000	7.00000	-3.00000	-0.0020037	-3.3442	-180.48E-6	-0.033400	0.0
	43.00000	7.00000	-3.00000	-414.52E-6	-3.3442	-145.84E-6	-0.029628	0.0
	44.00000	7.00000	-3.00000	809.46E-6	-3.3442	-118.84E-6	-0.026401	0.0
	45.00000	7.00000	-3.00000	0.0017446	-3.3442	-97.604E-6	-0.023626	0.0
	-10.00000	8.00000	-3.00000	171.29E-6	-3.3442	-42.528E-6	-0.022910	0.0
	-9.00000	8.00000	-3.00000	-0.0012963	-3.3442	-50.285E-6	-0.025569	0.0
	-8.00000	8.00000	-3.00000	-0.0031968	-3.3442	-59.801E-6	-0.028654	0.0
	-7.00000	8.00000	-3.00000	-0.0056457	-3.3442	-71.560E-6	-0.032255	0.0
	-6.00000	8.00000	-3.00000	-0.0087899	-3.3442	-86.204E-6	-0.036483	0.0
	-5.00000	8.00000	-3.00000	-0.012817	-3.3442	-104.59E-6	-0.041481	0.0
	-4.00000	8.00000	-3.00000	-0.017968	-3.3442	-127.90E-6	-0.047431	0.0
	-3.00000	8.00000	-3.00000	-0.024550	-3.3442	-157.72E-6	-0.054572	0.0
	-2.00000	8.00000	-3.00000	-0.032961	-3.3442	-196.31E-6	-0.063213	0.0
	-1.00000	8.00000	-3.00000	-0.043712	-3.3442	-246.82E-6	-0.073769	0.0
	0.00000	8.00000	-3.00000	-0.057464	-3.3442	-313.81E-6	-0.086797	0.0
	1.00000	8.00000	-3.00000	-0.075072	-3.3442	-403.96E-6	-0.10306	0.0
	2.00000	8.00000	-3.00000	-0.097649	-3.3442	-527.30E-6	-0.12361	1.1888E-6
	3.00000	8.00000	-3.00000	-0.12664	-3.3442	-699.19E-6	-0.14996	1.4386E-6
	4.00000	8.00000	-3.00000	-0.16394	-3.3442	-943.92E-6	-0.18426	1.7627E-6
	5.00000	8.00000	-3.00000	-0.21202	-3.3442	-0.0013012	-0.22973	2.1902E-6
	6.00000	8.00000	-3.00000	-0.27411	-3.3442	-0.0018384	-0.29120	2.7651E-6
	7.00000	8.00000	-3.00000	-0.35444	-3.3442	-0.0026760	-0.37625	3.5549E-6
	8.00000	8.00000	-3.00000	-0.45852	-3.3442	-0.0040418	-0.49705	4.6662E-6
	9.00000	8.00000	-3.00000	-0.59336	-3.3442	-0.0063997	-0.67384	6.2715E-6
	10.00000	8.00000	-3.00000	-0.76738	-3.3442	-0.010777	-0.94117	8.6505E-6
	11.00000	8.00000	-3.00000	-0.98897	-3.3442	-0.019635	-1.3570	12.230E-6
	12.00000	8.00000	-3.00000	-1.2603	-3.3442	-0.038864	-2.0021	17.458E-6
	13.00000	8.00000	-3.00000	-1.5605	-3.3442	-0.079365	-2.9029	23.950E-6
	14.00000	8.00000	-3.00000	-1.8334	-3.3442	-0.15509	-3.8908	29.216E-6
	15.00000	8.00000	-3.00000	-2.0229	-3.3442	-0.27747	-4.7561	30.509E-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 [-]
	16.00000	8.00000	-3.00000	-2.1093	-3.3442	-0.41379	-5.3864	28.658E-6
	17.00000	8.00000	-3.00000	-2.0932	-3.3442	-0.53722	-5.7041	24.484E-6
	18.00000	8.00000	-3.00000	-1.9785	-3.3442	-0.66902	-5.6439	16.085E-6
	19.00000	8.00000	-3.00000	-1.7741	-3.3442	-0.77268	-5.1161	4.7369E-6
	20.00000	8.00000	-3.00000	-1.5075	-3.3442	-0.73338	-4.1851	-2.1239E-6
	21.00000	8.00000	-3.00000	-1.2255	-3.3442	-0.54843	-3.1511	-1.3773E-6
	22.00000	8.00000	-3.00000	-0.96861	-3.3442	-0.34254	-2.2668	2.0873E-6
	23.00000	8.00000	-3.00000	-0.75499	-3.3442	-0.19471	-1.6092	4.3516E-6
	24.00000	8.00000	-3.00000	-0.58533	-3.3442	-0.10792	-1.1505	4.9637E-6
	25.00000	8.00000	-3.00000	-0.45318	-3.3442	-0.060675	-0.83636	4.6615E-6
	26.00000	8.00000	-3.00000	-0.35095	-3.3442	-0.035182	-0.62022	4.0378E-6
	27.00000	8.00000	-3.00000	-0.27194	-3.3442	-0.021137	-0.46921	3.3792E-6
	28.00000	8.00000	-3.00000	-0.21082	-3.3442	-0.013149	-0.36172	2.7913E-6
	29.00000	8.00000	-3.00000	-0.16342	-3.3442	-0.0084482	-0.28370	2.2997E-6
	30.00000	8.00000	-3.00000	-0.12660	-3.3442	-0.0055897	-0.22602	1.8997E-6
	31.00000	8.00000	-3.00000	-0.097920	-3.3442	-0.0037975	-0.18262	1.5775E-6
	32.00000	8.00000	-3.00000	-0.075542	-3.3442	-0.0026421	-0.14944	1.3185E-6
	33.00000	8.00000	-3.00000	-0.058049	-3.3442	-0.0018779	-0.12370	1.1097E-6
	34.00000	8.00000	-3.00000	-0.044352	-3.3442	-0.0013608	-0.10346	0.0
	35.00000	8.00000	-3.00000	-0.033615	-3.3442	-0.0010035	-0.087351	0.0
	36.00000	8.00000	-3.00000	-0.025191	-3.3442	-751.84E-6	-0.074378	0.0
	37.00000	8.00000	-3.00000	-0.018578	-3.3442	-571.47E-6	-0.063825	0.0
	38.00000	8.00000	-3.00000	-0.013388	-3.3442	-440.12E-6	-0.055159	0.0
	39.00000	8.00000	-3.00000	-0.0093157	-3.3442	-343.07E-6	-0.047980	0.0
	40.00000	8.00000	-3.00000	-0.0061254	-3.3442	-270.40E-6	-0.041986	0.0
	41.00000	8.00000	-3.00000	-0.0036310	-3.3442	-215.30E-6	-0.036943	0.0
	42.00000	8.00000	-3.00000	-0.0016872	-3.3442	-173.04E-6	-0.032672	0.0
	43.00000	8.00000	-3.00000	-179.07E-6	-3.3442	-140.29E-6	-0.029030	0.0
	44.00000	8.00000	-3.00000	983.62E-6	-3.3442	-114.66E-6	-0.025908	0.0
	45.00000	8.00000	-3.00000	0.0018724	-3.3442	-94.419E-6	-0.023215	0.0
	-10.00000	9.00000	-3.00000	431.51E-6	-3.3442	-41.315E-6	-0.022432	0.0
	-9.00000	9.00000	-3.00000	-944.89E-6	-3.3442	-48.755E-6	-0.024995	0.0
	-8.00000	9.00000	-3.00000	-0.0027245	-3.3442	-57.855E-6	-0.027960	0.0
	-7.00000	9.00000	-3.00000	-0.0050125	-3.3442	-69.064E-6	-0.031410	0.0
	-6.00000	9.00000	-3.00000	-0.0079425	-3.3442	-82.973E-6	-0.035446	0.0
	-5.00000	9.00000	-3.00000	-0.011683	-3.3442	-100.37E-6	-0.040198	0.0
	-4.00000	9.00000	-3.00000	-0.016449	-3.3442	-122.31E-6	-0.045828	0.0
	-3.00000	9.00000	-3.00000	-0.022513	-3.3442	-150.25E-6	-0.052548	0.0
	-2.00000	9.00000	-3.00000	-0.030222	-3.3442	-186.19E-6	-0.060631	0.0
	-1.00000	9.00000	-3.00000	-0.040018	-3.3442	-232.92E-6	-0.070433	0.0
	0.00000	9.00000	-3.00000	-0.052462	-3.3442	-294.41E-6	-0.082430	0.0
	1.00000	9.00000	-3.00000	-0.068271	-3.3442	-376.42E-6	-0.097256	0.0
	2.00000	9.00000	-3.00000	-0.088354	-3.3442	-487.41E-6	-0.11578	1.1138E-6
	3.00000	9.00000	-3.00000	-0.11387	-3.3442	-640.10E-6	-0.13918	1.3358E-6
	4.00000	9.00000	-3.00000	-0.14627	-3.3442	-854.09E-6	-0.16914	1.6187E-6
	5.00000	9.00000	-3.00000	-0.18739	-3.3442	-0.0011604	-0.20801	1.9842E-6
	6.00000	9.00000	-3.00000	-0.23951	-3.3442	-0.0016095	-0.25919	2.4628E-6
	7.00000	9.00000	-3.00000	-0.30538	-3.3442	-0.0022867	-0.32764	3.0982E-6
	8.00000	9.00000	-3.00000	-0.38826	-3.3442	-0.0033413	-0.42062	3.9534E-6
	9.00000	9.00000	-3.00000	-0.49162	-3.3442	-0.0050452	-0.54877	5.1173E-6
	10.00000	9.00000	-3.00000	-0.61852	-3.3442	-0.0079086	-0.72700	6.7068E-6
	11.00000	9.00000	-3.00000	-0.76988	-3.3442	-0.012891	-0.97366	8.8461E-6
	12.00000	9.00000	-3.00000	-0.94098	-3.3442	-0.021676	-1.3028	11.574E-6
	13.00000	9.00000	-3.00000	-1.1170	-3.3442	-0.036747	-1.7045	14.647E-6
	14.00000	9.00000	-3.00000	-1.2735	-3.3442	-0.060806	-2.1311	17.432E-6
	15.00000	9.00000	-3.00000	-1.3860	-3.3442	-0.094664	-2.5181	19.246E-6
	16.00000	9.00000	-3.00000	-1.4404	-3.3442	-0.13502	-2.8097	19.734E-6
	17.00000	9.00000	-3.00000	-1.4325	-3.3442	-0.17887	-2.9643	18.664E-6
	18.00000	9.00000	-3.00000	-1.3646	-3.3442	-0.22424	-2.9521	15.857E-6
	19.00000	9.00000	-3.00000	-1.2450	-3.3442	-0.25844	-2.7563	11.899E-6
	20.00000	9.00000	-3.00000	-1.0895	-3.3442	-0.25807	-2.4002	8.4060E-6
	21.00000	9.00000	-3.00000	-0.91941	-3.3442	-0.21678	-1.9622	6.5286E-6
	22.00000	9.00000	-3.00000	-0.75473	-3.3442	-0.15670	-1.5336	5.8564E-6
	23.00000	9.00000	-3.00000	-0.60821	-3.3442	-0.10265	-1.1704	5.4728E-6
	24.00000	9.00000	-3.00000	-0.48462	-3.3442	-0.064161	-0.88733	4.9581E-6
	25.00000	9.00000	-3.00000	-0.38356	-3.3442	-0.039670	-0.67547	4.3174E-6
	26.00000	9.00000	-3.00000	-0.30232	-3.3442	-0.024761	-0.51925	3.6584E-6
	27.00000	9.00000	-3.00000	-0.23763	-3.3442	-0.015752	-0.40409	3.0554E-6
	28.00000	9.00000	-3.00000	-0.18637	-3.3442	-0.010250	-0.31859	2.5373E-6
	29.00000	9.00000	-3.00000	-0.14586	-3.3442	-0.0068263	-0.25442	2.1068E-6
	30.00000	9.00000	-3.00000	-0.11388	-3.3442	-0.0046497	-0.20569	1.7547E-6
	31.00000	9.00000	-3.00000	-0.088646	-3.3442	-0.0032350	-0.16820	1.4685E-6
	32.00000	9.00000	-3.00000	-0.068740	-3.3442	-0.0022954	-0.13902	1.2362E-6
	33.00000	9.00000	-3.00000	-0.053033	-3.3442	-0.0016586	-0.11604	1.0470E-6
	34.00000	9.00000	-3.00000	-0.040637	-3.3442	-0.0012187	-0.097738	0.0
	35.00000	9.00000	-3.00000	-0.030852	-3.3442	-909.34E-6	-0.083010	0.0
	36.00000	9.00000	-3.00000	-0.023130	-3.3442	-688.18E-6	-0.071043	0.0
	37.00000	9.00000	-3.00000	-0.017036	-3.3442	-527.63E-6	-0.061232	0.0
	38.00000	9.00000	-3.00000	-0.012232	-3.3442	-409.42E-6	-0.053119	0.0
	39.00000	9.00000	-3.00000	-0.0084486	-3.3442	-321.23E-6	-0.046360	0.0
	40.00000	9.00000	-3.00000	-0.0054747	-3.3442	-254.63E-6	-0.040686	0.0
	41.00000	9.00000	-3.00000	-0.0031434	-3.3442	-203.76E-6	-0.035891	0.0
	42.00000	9.00000	-3.00000	-0.0013224	-3.3442	-164.50E-6	-0.031813	0.0
	43.00000	9.00000	-3.00000	92.600E-6	-3.3442	-133.89E-6	-0.028324	0.0
	44.00000	9.00000	-3.00000	0.0011848	-3.3442	-109.82E-6	-0.025323	0.0
	45.00000	9.00000	-3.00000	0.0020200	-3.3442	-90.712E-6	-0.022728	0.0
	-10.00000	10.00000	-3.00000	718.41E-6	-3.3442	-39.935E-6	-0.021887	0.0
	-9.00000	10.00000	-3.00000	-557.94E-6	-3.3442	-47.018E-6	-0.024342	0.0
	-8.00000	10.00000	-3.00000	-0.0022054	-3.3442	-55.653E-6	-0.027173	0.0
	-7.00000	10.00000	-3.00000	-0.0043186	-3.3442	-66.249E-6	-0.030455	0.0
	-6.00000	10.00000	-3.00000	-0.0070165	-3.3442	-79.342E-6	-0.034279	0.0
	-5.00000	10.00000	-3.00000	-0.010449	-3.3442	-95.642E-6	-0.038760	0.0
	-4.00000	10.00000	-3.00000	-0.014803	-3.3442	-116.10E-6	-0.044042	0.0
	-3.00000	10.00000	-3.00000	-0.020316	-3.3442	-141.99E-6	-0.050307	0.0
	-2.00000	10.00000	-3.00000	-0.027285	-3.3442	-175.06E-6	-0.057791	0.0
	-1.00000	10.00000	-3.00000	-0.036082	-3.3442	-217.73E-6	-0.066794	0.0
	0.00000	10.00000	-3.00000	-0.047174	-3.3442	-273.40E-6	-0.077711	0.0
	1.00000	10.00000	-3.00000	-0.061143	-3.3442	-346.88E-6	-0.091057	0.0
	2.00000	10.00000	-3.00000	-0.078712	-3.3442	-445.12E-6	-0.10752	1.0348E-6
	3.00000	10.00000	-3.00000	-0.10077	-3.3442	-578.35E-6	-0.12801	1.2291E-6
	4.00000	10.00000	-3.00000	-0.12840	-3.3442	-761.85E-6	-0.15375	1.4723E-6
	5.00000	10.00000	-3.00000	-0.16291	-3.3442	-0.0010190	-0.18643	1.7796E-6
	6.00000	10.00000	-3.00000	-0.20580	-3.3442	-0.0013860	-0.22830	2.1711E-6
	7.00000	10.00000	-3.00000	-0.25877	-3.3442	-0.0019210	-0.28244	2.6738E-6
	8.00000	10.00000	-3.00000	-0.32353	-3.3442	-0.0027179	-0.35293	3.3223E-6
	9.00000	10.00000	-3.00000	-0.40152	-3.3442	-0.0039312	-0.44497	4.1587E-6
	10.00000	10.00000	-3.00000	-0.49331	-3.3442	-0.0058147	-0.56452	5.2271E-6
	11.00000	10.00000	-3.00000	-0.59748	-3.3442	-0.0087711	-0.71679	6.5549E-6
	12.00000	10.00000	-3.00000	-0.70920	-3.3442	-0.013388	-0.90261	8.1154E-6
	13.00000	10.00000	-3.00000	-0.81927	-3.3442	-0.020393	-1.1134	9.7810E-6
	14.00000	10.00000	-3.00000	-0.91514	-3.3442	-0.030427	-1.3293	11.318E-6
	15.00000	10.00000	-3.00000	-0.98451	-3.3442	-0.043637	-1.5240	12.456E-6
	16.00000	10.00000	-3.00000	-1.0189	-3.3442	-0.059445	-1.6716	12.978E-6
	17.00000	10.00000	-3.00000	-1.0148	-3.3442	-0.076795	-1.7514	12.738E-6
	18.00000	10.00000	-3.00000	-0.97338	-3.3442	-0.093629	-1.7494	11.721E-6
	19.00000	10.00000	-3.00000	-0.89995	-3.3442	-0.10543	-1.6611	10.150E-6
	20.00000	10.00000	-3.00000	-0.80355	-3.3442	-0.10643	-1.4972	8.4738E-6
	21.00000	10.00000	-3.00000	-0.69550	-3.3442	-0.094795	-1.2861	7.0791E-6
	22.00000	10.00000	-3.00000	-0.58675	-3.3442	-0.075224	-1.0633	6.0396E-6
	23.00000	10.00000	-3.00000	-0.48541	-3.3442	-0.054739	-0.85725	5.2191E-6
	24.00000	10.00000	-3.00000	-0.39592	-3.3442	-0.037779	-0.68226	4.4964E-6
	25.00000	10.00000	-3.00000	-0.31968	-3.3442	-0.025432	-0.54104	3.8337E-6
	26.00000	10.00000	-3.00000	-0.25625	-3.3442	-0.017023	-0.43013	3.2371E-6
	27.00000	10.00000	-3.00000	-0.20427	-3.3442	-0.011459	-0.34404	2.7170E-6
	28.00000	10.00000	-3.00000	-0.16210	-3.3442	-0.0078048	-0.27740	2.2756E-6
	29.00000	10.00000	-3.00000	-0.12811	-3.3442	-0.0053950	-0.22565	1.9075E-6
	30.00000	10.00000	-3.00000	-0.10084	-3.3442	-0.0037888	-0.18522	1.6037E-6
	31.00000	10.00000	-3.00000	-0.079029	-3.3442	-0.0027036	-0.15340	1.3539E-6
	32.00000	10.00000	-3.00000	-0.061613	-3.3442	-0.0019594	-0.12815	1.1487E-6
	33.00000	10.00000	-3.00000	-0.047731	-3.3442	-0.0014413	-0.10793	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 [-]
	34.00000	10.00000	-3.00000	-0.036679	-3.3442	-0.0010752	-0.091606	0.0
	35.00000	10.00000	-3.00000	-0.027889	-3.3442	-812.73E-6	-0.078313	0.0
	36.00000	10.00000	-3.00000	-0.020906	-3.3442	-621.95E-6	-0.067402	0.0
	37.00000	10.00000	-3.00000	-0.015364	-3.3442	-481.47E-6	-0.058378	0.0
	38.00000	10.00000	-3.00000	-0.010973	-3.3442	-376.75E-6	-0.050860	0.0
	39.00000	10.00000	-3.00000	-0.0075007	-3.3442	-297.77E-6	-0.044554	0.0
	40.00000	10.00000	-3.00000	-0.0047612	-3.3442	-237.56E-6	-0.039230	0.0
	41.00000	10.00000	-3.00000	-0.0026071	-3.3442	-191.19E-6	-0.034707	0.0
	42.00000	10.00000	-3.00000	-920.60E-6	-3.3442	-155.13E-6	-0.030842	0.0
	43.00000	10.00000	-3.00000	392.38E-6	-3.3442	-126.83E-6	-0.027523	0.0
	44.00000	10.00000	-3.00000	0.0014069	-3.3442	-104.44E-6	-0.024657	0.0
	45.00000	10.00000	-3.00000	0.0021830	-3.3442	-86.581E-6	-0.022171	0.0
	-10.00000	11.00000	-3.00000	0.0010238	-3.3442	-38.415E-6	-0.021282	0.0
	-9.00000	11.00000	-3.00000	-146.62E-6	-3.3442	-45.111E-6	-0.023621	0.0
	-8.00000	11.00000	-3.00000	-0.0016547	-3.3442	-53.244E-6	-0.026308	0.0
	-7.00000	11.00000	-3.00000	-0.0035844	-3.3442	-63.181E-6	-0.029410	0.0
	-6.00000	11.00000	-3.00000	-0.0060403	-3.3442	-75.403E-6	-0.033008	0.0
	-5.00000	11.00000	-3.00000	-0.0091525	-3.3442	-90.539E-6	-0.037202	0.0
	-4.00000	11.00000	-3.00000	-0.013083	-3.3442	-109.42E-6	-0.042116	0.0
	-3.00000	11.00000	-3.00000	-0.018033	-3.3442	-133.16E-6	-0.047908	0.0
	-2.00000	11.00000	-3.00000	-0.024252	-3.3442	-163.27E-6	-0.054774	0.0
	-1.00000	11.00000	-3.00000	-0.032047	-3.3442	-201.79E-6	-0.062964	0.0
	0.00000	11.00000	-3.00000	-0.041797	-3.3442	-251.55E-6	-0.072796	0.0
	1.00000	11.00000	-3.00000	-0.053963	-3.3442	-316.49E-6	-0.084679	0.0
	2.00000	11.00000	-3.00000	-0.069103	-3.3442	-402.19E-6	-0.099139	0.0
	3.00000	11.00000	-3.00000	-0.087883	-3.3442	-516.64E-6	-0.11686	1.1227E-6
	4.00000	11.00000	-3.00000	-0.11108	-3.3442	-671.42E-6	-0.13871	1.3292E-6
	5.00000	11.00000	-3.00000	-0.13958	-3.3442	-883.58E-6	-0.16584	1.5844E-6
	6.00000	11.00000	-3.00000	-0.17433	-3.3442	-0.0011785	-0.19969	1.9011E-6
	7.00000	11.00000	-3.00000	-0.21630	-3.3442	-0.0015943	-0.24209	2.2948E-6
	8.00000	11.00000	-3.00000	-0.26628	-3.3442	-0.0021886	-0.29519	2.7837E-6
	9.00000	11.00000	-3.00000	-0.32466	-3.3442	-0.0030483	-0.36139	3.3862E-6
	10.00000	11.00000	-3.00000	-0.39100	-3.3442	-0.0043009	-0.44285	4.1160E-6
	11.00000	11.00000	-3.00000	-0.46350	-3.3442	-0.0061251	-0.54056	4.9723E-6
	12.00000	11.00000	-3.00000	-0.53844	-3.3442	-0.0087476	-0.65289	5.9256E-6
	13.00000	11.00000	-3.00000	-0.61008	-3.3442	-0.012410	-0.77416	6.9056E-6
	14.00000	11.00000	-3.00000	-0.67141	-3.3442	-0.017291	-0.89446	7.8038E-6
	15.00000	11.00000	-3.00000	-0.71562	-3.3442	-0.023396	-1.0012	8.4959E-6
	16.00000	11.00000	-3.00000	-0.73777	-3.3442	-0.030477	-1.0817	8.8713E-6
	17.00000	11.00000	-3.00000	-0.73555	-3.3442	-0.037961	-1.1255	8.8598E-6
	18.00000	11.00000	-3.00000	-0.70950	-3.3442	-0.044789	-1.1256	8.4569E-6
	19.00000	11.00000	-3.00000	-0.66280	-3.3442	-0.049310	-1.0807	7.7455E-6
	20.00000	11.00000	-3.00000	-0.60072	-3.3442	-0.049843	-0.99597	6.8781E-6
	21.00000	11.00000	-3.00000	-0.52971	-3.3442	-0.045878	-0.88376	6.0054E-6
	22.00000	11.00000	-3.00000	-0.45618	-3.3442	-0.038647	-0.75967	5.2089E-6
	23.00000	11.00000	-3.00000	-0.38529	-3.3442	-0.030287	-0.63784	4.5016E-6
	24.00000	11.00000	-3.00000	-0.32044	-3.3442	-0.022560	-0.52759	3.8711E-6
	25.00000	11.00000	-3.00000	-0.26332	-3.3442	-0.016298	-0.43307	3.3090E-6
	26.00000	11.00000	-3.00000	-0.21435	-3.3442	-0.011602	-0.35471	2.8138E-6
	27.00000	11.00000	-3.00000	-0.17316	-3.3442	-0.0082280	-0.29100	2.3848E-6
	28.00000	11.00000	-3.00000	-0.13899	-3.3442	-0.0058548	-0.23970	2.0190E-6
	29.00000	11.00000	-3.00000	-0.11092	-3.3442	-0.0041977	-0.19852	1.7107E-6
	30.00000	11.00000	-3.00000	-0.088023	-3.3442	-0.0030397	-0.16545	1.4529E-6
	31.00000	11.00000	-3.00000	-0.069445	-3.3442	-0.0022257	-0.13881	1.2381E-6
	32.00000	11.00000	-3.00000	-0.054431	-3.3442	-0.0016487	-0.11723	1.0594E-6
	33.00000	11.00000	-3.00000	-0.042337	-3.3442	-0.0012356	-0.099667	0.0
	34.00000	11.00000	-3.00000	-0.032618	-3.3442	-936.55E-6	-0.085276	0.0
	35.00000	11.00000	-3.00000	-0.024827	-3.3442	-717.72E-6	-0.073411	0.0
	36.00000	11.00000	-3.00000	-0.018593	-3.3442	-555.83E-6	-0.063566	0.0
	37.00000	11.00000	-3.00000	-0.013616	-3.3442	-434.77E-6	-0.055346	0.0
	38.00000	11.00000	-3.00000	-0.0096508	-3.3442	-343.30E-6	-0.048442	0.0
	39.00000	11.00000	-3.00000	-0.0065007	-3.3442	-273.51E-6	-0.042608	0.0
	40.00000	11.00000	-3.00000	-0.0040059	-3.3442	-219.74E-6	-0.037651	0.0
	41.00000	11.00000	-3.00000	-0.0020379	-3.3442	-177.95E-6	-0.033417	0.0
	42.00000	11.00000	-3.00000	-493.06E-6	-3.3442	-145.19E-6	-0.029781	0.0
	43.00000	11.00000	-3.00000	711.82E-6	-3.3442	-119.30E-6	-0.026643	0.0
	44.00000	11.00000	-3.00000	0.0016438	-3.3442	-98.673E-6	-0.023924	0.0
	45.00000	11.00000	-3.00000	0.0023568	-3.3442	-82.127E-6	-0.021556	0.0
	-10.00000	12.00000	-3.00000	0.0013396	-3.3442	-36.782E-6	-0.020629	0.0
	-9.00000	12.00000	-3.00000	278.14E-6	-3.3442	-43.071E-6	-0.022844	0.0
	-8.00000	12.00000	-3.00000	-0.0010873	-3.3442	-50.677E-6	-0.025380	0.0
	-7.00000	12.00000	-3.00000	-0.0028300	-3.3442	-59.927E-6	-0.028294	0.0
	-6.00000	12.00000	-3.00000	-0.0050407	-3.3442	-71.245E-6	-0.031657	0.0
	-5.00000	12.00000	-3.00000	-0.0078310	-3.3442	-85.182E-6	-0.035556	0.0
	-4.00000	12.00000	-3.00000	-0.011338	-3.3442	-102.46E-6	-0.040096	0.0
	-3.00000	12.00000	-3.00000	-0.015730	-3.3442	-124.03E-6	-0.045409	0.0
	-2.00000	12.00000	-3.00000	-0.021213	-3.3442	-151.16E-6	-0.051658	0.0
	-1.00000	12.00000	-3.00000	-0.028035	-3.3442	-185.55E-6	-0.059045	0.0
	0.00000	12.00000	-3.00000	-0.036496	-3.3442	-229.53E-6	-0.067822	0.0
	1.00000	12.00000	-3.00000	-0.046956	-3.3442	-286.25E-6	-0.078305	0.0
	2.00000	12.00000	-3.00000	-0.059832	-3.3442	-360.07E-6	-0.090887	0.0
	3.00000	12.00000	-3.00000	-0.075609	-3.3442	-457.10E-6	-0.10606	1.0197E-6
	4.00000	12.00000	-3.00000	-0.094826	-3.3442	-585.91E-6	-0.12444	1.1935E-6
	5.00000	12.00000	-3.00000	-0.11806	-3.3442	-758.61E-6	-0.14677	1.4036E-6
	6.00000	12.00000	-3.00000	-0.14588	-3.3442	-992.47E-6	-0.17394	1.6579E-6
	7.00000	12.00000	-3.00000	-0.17878	-3.3442	-0.0013121	-0.20698	1.9651E-6
	8.00000	12.00000	-3.00000	-0.21705	-3.3442	-0.0017522	-0.24699	2.3339E-6
	9.00000	12.00000	-3.00000	-0.26059	-3.3442	-0.0023612	-0.29495	2.7712E-6
	10.00000	12.00000	-3.00000	-0.30868	-3.3442	-0.0032040	-0.35148	3.2792E-6
	11.00000	12.00000	-3.00000	-0.35971	-3.3442	-0.0043622	-0.41628	3.8501E-6
	12.00000	12.00000	-3.00000	-0.41103	-3.3442	-0.0059276	-0.48760	4.4613E-6
	13.00000	12.00000	-3.00000	-0.45899	-3.3442	-0.0079843	-0.56180	5.0718E-6
	14.00000	12.00000	-3.00000	-0.49944	-3.3442	-0.010577	-0.63341	5.6250E-6
	15.00000	12.00000	-3.00000	-0.52842	-3.3442	-0.013671	-0.69583	6.0579E-6
	16.00000	12.00000	-3.00000	-0.54300	-3.3442	-0.017111	-0.74245	6.3142E-6
	17.00000	12.00000	-3.00000	-0.54175	-3.3442	-0.020587	-0.76774	6.3580E-6
	18.00000	12.00000	-3.00000	-0.52493	-3.3442	-0.023601	-0.76824	6.1845E-6
	19.00000	12.00000	-3.00000	-0.49440	-3.3442	-0.025514	-0.74339	5.8260E-6
	20.00000	12.00000	-3.00000	-0.45331	-3.3442	-0.025768	-0.69595	5.3427E-6
	21.00000	12.00000	-3.00000	-0.40549	-3.3442	-0.024207	-0.63178	4.8019E-6
	22.00000	12.00000	-3.00000	-0.35485	-3.3442	-0.021216	-0.55848	4.2555E-6
	23.00000	12.00000	-3.00000	-0.30473	-3.3442	-0.017521	-0.48339	3.7332E-6
	24.00000	12.00000	-3.00000	-0.25759	-3.3442	-0.013822	-0.41214	3.2490E-6
	25.00000	12.00000	-3.00000	-0.21491	-3.3442	-0.010566	-0.34806	2.8095E-6
	26.00000	12.00000	-3.00000	-0.17737	-3.3442	-0.0079230	-0.29251	2.4177E-6
	27.00000	12.00000	-3.00000	-0.14505	-3.3442	-0.0058844	-0.24547	2.0742E-6
	28.00000	12.00000	-3.00000	-0.11769	-3.3442	-0.0043584	-0.20622	1.7772E-6
	29.00000	12.00000	-3.00000	-0.094787	-3.3442	-0.0032345	-0.17373	1.5231E-6
	30.00000	12.00000	-3.00000	-0.075810	-3.3442	-0.0024125	-0.14693	1.3073E-6
	31.00000	12.00000	-3.00000	-0.060195	-3.3442	-0.0018119	-0.12484	1.1248E-6
	32.00000	12.00000	-3.00000	-0.047421	-3.3442	-0.0013718	-0.10660	0.0
	33.00000	12.00000	-3.00000	-0.037018	-3.3442	-0.0010476	-0.091491	0.0
	34.00000	12.00000	-3.00000	-0.028580	-3.3442	-807.14E-6	-0.078929	0.0
	35.00000	12.00000	-3.00000	-0.021758	-3.3442	-627.39E-6	-0.068437	0.0
	36.00000	12.00000	-3.00000	-0.016259	-3.3442	-491.93E-6	-0.059634	0.0
	37.00000	12.00000	-3.00000	-0.011841	-3.3442	-388.99E-6	-0.052211	0.0
	38.00000	12.00000	-3.00000	-0.0083018	-3.3442	-310.11E-6	-0.045921	0.0
	39.00000	12.00000	-3.00000	-0.0054762	-3.3442	-249.16E-6	-0.040566	0.0
	40.00000	12.00000	-3.00000	-0.0032292	-3.3442	-201.69E-6	-0.035985	0.0
	41.00000	12.00000	-3.00000	-0.0014507	-3.3442	-164.43E-6	-0.032047	0.0
	42.00000	12.00000	-3.00000	-51.087E-6	-3.3442	-134.96E-6	-0.028648	0.0
	43.00000	12.00000	-3.00000	0.0010425	-3.3442	-111.48E-6	-0.025700	0.0
	44.00000	12.00000	-3.00000	0.0018892	-3.3442	-92.652E-6	-0.023134	0.0
	45.00000	12.00000	-3.00000	0.0025368	-3.3442	-77.450E-6	-0.020891	0.0
	-10.00000	13.00000	-3.00000	0.0016579	-3.3442	-35.065E-6	-0.019937	0.0
	-9.00000	13.00000	-3.00000	705.96E-6	-3.3442	-40.934E-6	-0.022025	0.0
	-8.00000	13.00000	-3.00000	-516.88E-6	-3.3442	-48.000E-6	-0.024405	0.0
	-7.00000	13.00000	-3.00000	-0.0020739	-3.3442	-56.550E-6	-0.027127	0.0
	-6.00000	13.00000	-3.00000	-0.0040425	-3.3442	-66.955E-6	-0.030252	0.0
	-5.00000	13.00000	-3.00000	-0.0065171	-3.3442	-79.689E-6	-0.033854	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 [-]	
	-4.00000	13.00000	-3.00000	-0.0096122	-3.3442	-95.367E-6	-0.038021	0.0	
	-3.00000	13.00000	-3.00000	-0.013466	-3.3442	-114.79E-6	-0.042863	0.0	
	-2.00000	13.00000	-3.00000	-0.018245	-3.3442	-139.02E-6	-0.048510	0.0	
	-1.00000	13.00000	-3.00000	-0.024148	-3.3442	-169.44E-6	-0.055124	0.0	
	0.00000	13.00000	-3.00000	-0.031408	-3.3442	-207.92E-6	-0.062901	0.0	
	1.00000	13.00000	-3.00000	-0.040296	-3.3442	-256.94E-6	-0.072079	0.0	
	2.00000	13.00000	-3.00000	-0.051121	-3.3442	-319.86E-6	-0.082946	0.0	
	3.00000	13.00000	-3.00000	-0.064224	-3.3442	-401.23E-6	-0.095851	0.0	
	4.00000	13.00000	-3.00000	-0.079968	-3.3442	-507.25E-6	-0.11120	1.0675E-6	
	5.00000	13.00000	-3.00000	-0.098714	-3.3442	-646.39E-6	-0.12948	1.2396E-6	
	6.00000	13.00000	-3.00000	-0.12078	-3.3442	-830.15E-6	-0.15121	1.4432E-6	
	7.00000	13.00000	-3.00000	-0.14639	-3.3442	-0.0010741	-0.17695	1.6827E-6	
	8.00000	13.00000	-3.00000	-0.17555	-3.3442	-0.0013989	-0.20719	1.9620E-6	
	9.00000	13.00000	-3.00000	-0.20800	-3.3442	-0.0018315	-0.24229	2.2828E-6	
	10.00000	13.00000	-3.00000	-0.24300	-3.3442	-0.0024048	-0.28223	2.6430E-6	
	11.00000	13.00000	-3.00000	-0.27929	-3.3442	-0.0031564	-0.32641	3.0346E-6	
	12.00000	13.00000	-3.00000	-0.31500	-3.3442	-0.0041238	-0.37344	3.4414E-6	
	13.00000	13.00000	-3.00000	-0.34780	-3.3442	-0.0053342	-0.42095	3.8386E-6	
	14.00000	13.00000	-3.00000	-0.37511	-3.3442	-0.0067908	-0.46574	4.1944E-6	
	15.00000	13.00000	-3.00000	-0.39456	-3.3442	-0.0084554	-0.50412	4.4747E-6	
	16.00000	13.00000	-3.00000	-0.40436	-3.3442	-0.010232	-0.53248	4.6493E-6	
	17.00000	13.00000	-3.00000	-0.40363	-3.3442	-0.011954	-0.54780	4.6986E-6	
	18.00000	13.00000	-3.00000	-0.39251	-3.3442	-0.013387	-0.54827	4.6184E-6	
	19.00000	13.00000	-3.00000	-0.37211	-3.3442	-0.014270	-0.53364	4.4217E-6	
	20.00000	13.00000	-3.00000	-0.34433	-3.3442	-0.014395	-0.50540	4.1356E-6	
	21.00000	13.00000	-3.00000	-0.31152	-3.3442	-0.013709	-0.46658	3.7931E-6	
	22.00000	13.00000	-3.00000	-0.27613	-3.3442	-0.012349	-0.42112	3.4249E-6	
	23.00000	13.00000	-3.00000	-0.24036	-3.3442	-0.010590	-0.37307	3.0548E-6	
	24.00000	13.00000	-3.00000	-0.20595	-3.3442	-0.0087243	-0.32579	2.6987E-6	
	25.00000	13.00000	-3.00000	-0.17408	-3.3442	-0.0069733	-0.28163	2.3666E-6	
	26.00000	13.00000	-3.00000	-0.14543	-3.3442	-0.0054589	-0.24190	2.0641E-6	
	27.00000	13.00000	-3.00000	-0.12025	-3.3442	-0.0042185	-0.20708	1.7939E-6	
	28.00000	13.00000	-3.00000	-0.098525	-3.3442	-0.0032381	-0.17709	1.5560E-6	
	29.00000	13.00000	-3.00000	-0.080035	-3.3442	-0.0024803	-0.15156	1.3490E-6	
	30.00000	13.00000	-3.00000	-0.064476	-3.3442	-0.0019021	-0.12998	1.1702E-6	
	31.00000	13.00000	-3.00000	-0.051499	-3.3442	-0.0014637	-0.11179	1.0166E-6	
	32.00000	13.00000	-3.00000	-0.040754	-3.3442	-0.0011320	-0.09684	0.0	
	33.00000	13.00000	-3.00000	-0.031909	-3.3442	-880.69E-6	-0.083590	0.0	
	34.00000	13.00000	-3.00000	-0.024666	-3.3442	-689.68E-6	-0.072710	0.0	
	35.00000	13.00000	-3.00000	-0.018760	-3.3442	-543.82E-6	-0.063506	0.0	
	36.00000	13.00000	-3.00000	-0.013964	-3.3442	-431.82E-6	-0.055693	0.0	
	37.00000	13.00000	-3.00000	-0.010085	-3.3442	-345.29E-6	-0.049039	0.0	
	38.00000	13.00000	-3.00000	-0.0069596	-3.3442	-278.00E-6	-0.043350	0.0	
	39.00000	13.00000	-3.00000	-0.0044522	-3.3442	-225.33E-6	-0.038468	0.0	
	40.00000	13.00000	-3.00000	-0.0024500	-3.3442	-183.83E-6	-0.034261	0.0	
	41.00000	13.00000	-3.00000	-859.92E-6	-3.3442	-150.92E-6	-0.030622	0.0	
	42.00000	13.00000	-3.00000	394.65E-6	-3.3442	-124.65E-6	-0.027463	0.0	
	43.00000	13.00000	-3.00000	0.0013765	-3.3442	-103.55E-6	-0.024709	0.0	
	44.00000	13.00000	-3.00000	0.0021370	-3.3442	-86.504E-6	-0.022301	0.0	
	45.00000	13.00000	-3.00000	0.0027183	-3.3442	-72.645E-6	-0.020187	0.0	
	-10.00000	14.00000	-3.00000	0.0019718	-3.3442	-33.291E-6	-0.019215	0.0	
	-9.00000	14.00000	-3.00000	0.0011274	-3.3442	-38.736E-6	-0.021174	0.0	
	-8.00000	14.00000	-3.00000	44.060E-6	-3.3442	-45.259E-6	-0.023397	0.0	
	-7.00000	14.00000	-3.00000	-0.0013324	-3.3442	-53.112E-6	-0.025927	0.0	
	-6.00000	14.00000	-3.00000	-0.0030672	-3.3442	-62.612E-6	-0.028815	0.0	
	-5.00000	14.00000	-3.00000	-0.0052390	-3.3442	-74.163E-6	-0.032124	0.0	
	-4.00000	14.00000	-3.00000	-0.0079422	-3.3442	-88.285E-6	-0.035928	0.0	
	-3.00000	14.00000	-3.00000	-0.011289	-3.3442	-105.64E-6	-0.040314	0.0	
	-2.00000	14.00000	-3.00000	-0.015412	-3.3442	-127.10E-6	-0.045387	0.0	
	-1.00000	14.00000	-3.00000	-0.020466	-3.3442	-153.79E-6	-0.051273	0.0	
	0.00000	14.00000	-3.00000	-0.026630	-3.3442	-187.16E-6	-0.058121	0.0	
	1.00000	14.00000	-3.00000	-0.034105	-3.3442	-229.15E-6	-0.066108	0.0	
	2.00000	14.00000	-3.00000	-0.043113	-3.3442	-282.30E-6	-0.075441	0.0	
	3.00000	14.00000	-3.00000	-0.053890	-3.3442	-349.93E-6	-0.086359	0.0	
	4.00000	14.00000	-3.00000	-0.066672	-3.3442	-436.48E-6	-0.099129	0.0	
	5.00000	14.00000	-3.00000	-0.081672	-3.3442	-547.72E-6	-0.11405	1.0931E-6	
	6.00000	14.00000	-3.00000	-0.099054	-3.3442	-691.21E-6	-0.13141	1.2560E-6	
	7.00000	14.00000	-3.00000	-0.11888	-3.3442	-876.66E-6	-0.15149	1.4432E-6	
	8.00000	14.00000	-3.00000	-0.14105	-3.3442	-0.0011163	-0.17449	1.6560E-6	
	9.00000	14.00000	-3.00000	-0.16524	-3.3442	-0.0014247	-0.20045	1.8939E-6	
	10.00000	14.00000	-3.00000	-0.19084	-3.3442	-0.0018187	-0.22915	2.1539E-6	
	11.00000	14.00000	-3.00000	-0.21688	-3.3442	-0.0023154	-0.26001	2.4291E-6	
	12.00000	14.00000	-3.00000	-0.24207	-3.3442	-0.0029291	-0.29198	2.7082E-6	
	13.00000	14.00000	-3.00000	-0.26486	-3.3442	-0.0036662	-0.32350	2.9757E-6	
	14.00000	14.00000	-3.00000	-0.28365	-3.3442	-0.0045187	-0.35264	3.2128E-6	
	15.00000	14.00000	-3.00000	-0.29696	-3.3442	-0.0054563	-0.37724	3.4000E-6	
	16.00000	14.00000	-3.00000	-0.30367	-3.3442	-0.0064207	-0.39522	3.5204E-6	
	17.00000	14.00000	-3.00000	-0.30325	-3.3442	-0.0073231	-0.40489	3.5624E-6	
	18.00000	14.00000	-3.00000	-0.29575	-3.3442	-0.0080512	-0.40527	3.5230E-6	
	19.00000	14.00000	-3.00000	-0.28186	-3.3442	-0.0084898	-0.39622	3.4077E-6	
	20.00000	14.00000	-3.00000	-0.26275	-3.3442	-0.0085546	-0.37857	3.2297E-6	
	21.00000	14.00000	-3.00000	-0.23990	-3.3442	-0.0082253	-0.35399	3.0066E-6	
	22.00000	14.00000	-3.00000	-0.21487	-3.3442	-0.0075576	-0.32465	2.7566E-6	
	23.00000	14.00000	-3.00000	-0.18914	-3.3442	-0.0066638	-0.29286	2.4957E-6	
	24.00000	14.00000	-3.00000	-0.16392	-3.3442	-0.0056736	-0.26068	2.2368E-6	
	25.00000	14.00000	-3.00000	-0.14011	-3.3442	-0.0046976	-0.22971	1.9889E-6	
	26.00000	14.00000	-3.00000	-0.11829	-3.3442	-0.0038094	-0.20098	1.7580E-6	
	27.00000	14.00000	-3.00000	-0.098769	-3.3442	-0.0030447	-0.17505	1.5473E-6	
	28.00000	14.00000	-3.00000	-0.081634	-3.3442	-0.0024113	-0.15209	1.3583E-6	
	29.00000	14.00000	-3.00000	-0.066824	-3.3442	-0.0019002	-0.13205	1.1908E-6	
	30.00000	14.00000	-3.00000	-0.054182	-3.3442	-0.0014949	-0.11472	1.0437E-6	
	31.00000	14.00000	-3.00000	-0.043501	-3.3442	-0.0011769	-0.099811	0.0	
	32.00000	14.00000	-3.00000	-0.034552	-3.3442	-928.83E-6	-0.087032	0.0	
	33.00000	14.00000	-3.00000	-0.027108	-3.3442	-735.74E-6	-0.076094	0.0	
	34.00000	14.00000	-3.00000	-0.020954	-3.3442	-585.43E-6	-0.066730	0.0	
	35.00000	14.00000	-3.00000	-0.015894	-3.3442	-468.21E-6	-0.058705	0.0	
	36.00000	14.00000	-3.00000	-0.011755	-3.3442	-376.49E-6	-0.051816	0.0	
	37.00000	14.00000	-3.00000	-0.0083840	-3.3442	-304.45E-6	-0.045889	0.0	
	38.00000	14.00000	-3.00000	-0.0056527	-3.3442	-247.59E-6	-0.040775	0.0	
	39.00000	14.00000	-3.00000	-0.0034506	-3.3442	-202.49E-6	-0.036349	0.0	
	40.00000	14.00000	-3.00000	-0.0016850	-3.3442	-166.53E-6	-0.032509	0.0	
	41.00000	14.00000	-3.00000	-278.13E-6	-3.3442	-137.71E-6	-0.029165	0.0	
	42.00000	14.00000	-3.00000	834.47E-6	-3.3442	-114.49E-6	-0.026244	0.0	
	43.00000	14.00000	-3.00000	0.0017064	-3.3442	-95.670E-6	-0.023685	0.0	
	44.00000	14.00000	-3.00000	0.0023818	-3.3442	-80.345E-6	-0.021436	0.0	
	45.00000	14.00000	-3.00000	0.0028973	-3.3442	-67.799E-6	-0.019453	0.0	
	-10.00000	15.00000	-3.00000	0.0022749	-3.3442	-31.485E-6	-0.018473	0.0	
	-9.00000	15.00000	-3.00000	0.0015344	-3.3442	-36.509E-6	-0.020303	0.0	
	-8.00000	15.00000	-3.00000	584.91E-6	-3.3442	-42.497E-6	-0.022369	0.0	
	-7.00000	15.00000	-3.00000	-619.22E-6	-3.3442	-49.665E-6	-0.024710	0.0	
	-6.00000	15.00000	-3.00000	-0.0021324	-3.3442	-58.285E-6	-0.027367	0.0	
	-5.00000	15.00000	-3.00000	-0.0040195	-3.3442	-68.697E-6	-0.030393	0.0	
	-4.00000	15.00000	-3.00000	-0.0063571	-3.3442	-81.331E-6	-0.033847	0.0	
	-3.00000	15.00000	-3.00000	-0.0092350	-3.3442	-96.736E-6	-0.037799	0.0	
	-2.00000	15.00000	-3.00000	-0.012757	-3.3442	-115.61E-6	-0.042334	0.0	
	-1.00000	15.00000	-3.00000	-0.017044	-3.3442	-138.84E-6	-0.047545	0.0	
	0.00000	15.00000	-3.00000	-0.022228	-3.3442	-167.58E-6	-0.053547	0.0	
	1.00000	15.00000	-3.00000	-0.028458	-3.3442	-203.28E-6	-0.060466	0.0	
	2.00000	15.00000	-3.00000	-0.035889	-3.3442	-247.84E-6	-0.068448	0.0	
	3.00000	15.00000	-3.00000	-0.044679	-3.3442	-303.67E-6	-0.077652	0.0	
	4.00000	15.00000	-3.00000	-0.054977	-3.3442	-373.86E-6	-0.088250	0.0	
	5.00000	15.00000	-3.00000	-0.066903	-3.3442	-462.32E-6	-0.10041	0.0	
	6.00000	15.00000	-3.00000	-0.080523	-3.3442	-573.92E-6	-0.11430	1.0941E-6	
	7.00000	15.00000	-3.00000	-0.095820	-3.3442	-714.66E-6	-0.13003	1.2410E-6	
	8.00000	15.00000	-3.00000	-0.11265	-3.3442	-891.59E-6	-0.14764	1.4043E-6	
	9.00000	15.00000	-3.00000	-0.13072	-3.3442	-0.0011127	-0.16705	1.5828E-6	
	10.00000	15.00000	-3.00000	-0.14952	-3.3442	-0.0013862	-0.18801	1.7735E-6	
	11.00000	15.00000	-3.00000	-0.16835	-3.3442	-0.0017196	-0.21002	1.9709E-6	
	12.00000	15.00000	-3.00000	-0.18632	-3.3442	-0.0021174	-0.23231	2.1673E-6	
	13.00000	15.00000	-3.00000	-0.20238	-3.3442	-0.0025789	-0.25386	2.3527E-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 [-]
	14.00000	15.00000	-3.00000	-0.21551	-3.3442	-0.0030946	-0.27344	2.5155E-6
	15.00000	15.00000	-3.00000	-0.22475	-3.3442	-0.0036432	-0.28976	2.6440E-6
	16.00000	15.00000	-3.00000	-0.22943	-3.3442	-0.0041900	-0.30157	2.7282E-6
	17.00000	15.00000	-3.00000	-0.22918	-3.3442	-0.0046870	-0.30790	2.7613E-6
	18.00000	15.00000	-3.00000	-0.22404	-3.3442	-0.0050781	-0.30818	2.7409E-6
	19.00000	15.00000	-3.00000	-0.21444	-3.3442	-0.0053100	-0.30235	2.6695E-6
	20.00000	15.00000	-3.00000	-0.20111	-3.3442	-0.0053455	-0.29088	2.5542E-6
	21.00000	15.00000	-3.00000	-0.18500	-3.3442	-0.0051761	-0.27472	2.4048E-6
	22.00000	15.00000	-3.00000	-0.16712	-3.3442	-0.0048261	-0.25513	2.2322E-6
	23.00000	15.00000	-3.00000	-0.14848	-3.3442	-0.0043457	-0.23348	2.0470E-6
	24.00000	15.00000	-3.00000	-0.12991	-3.3442	-0.0037955	-0.21107	1.8584E-6
	25.00000	15.00000	-3.00000	-0.11210	-3.3442	-0.0032320	-0.18896	1.6736E-6
	26.00000	15.00000	-3.00000	-0.095506	-3.3442	-0.0026976	-0.16793	1.4976E-6
	27.00000	15.00000	-3.00000	-0.080423	-3.3442	-0.0022182	-0.14846	1.3339E-6
	28.00000	15.00000	-3.00000	-0.066980	-3.3442	-0.0018049	-0.13082	1.1842E-6
	29.00000	15.00000	-3.00000	-0.055194	-3.3442	-0.0014587	-0.11506	1.0492E-6
	30.00000	15.00000	-3.00000	-0.044998	-3.3442	-0.0011744	-0.10115	0.0
	31.00000	15.00000	-3.00000	-0.036277	-3.3442	-944.27E-6	-0.088959	0.0
	32.00000	15.00000	-3.00000	-0.028890	-3.3442	-759.53E-6	-0.078327	0.0
	33.00000	15.00000	-3.00000	-0.022681	-3.3442	-612.02E-6	-0.069085	0.0
	34.00000	15.00000	-3.00000	-0.017502	-3.3442	-494.54E-6	-0.061063	0.0
	35.00000	15.00000	-3.00000	-0.013207	-3.3442	-401.01E-6	-0.054102	0.0
	36.00000	15.00000	-3.00000	-0.0096683	-3.3442	-326.48E-6	-0.048059	0.0
	37.00000	15.00000	-3.00000	-0.0067679	-3.3442	-266.96E-6	-0.042806	0.0
	38.00000	15.00000	-3.00000	-0.0044044	-3.3442	-219.29E-6	-0.038232	0.0
	39.00000	15.00000	-3.00000	-0.0024896	-3.3442	-180.97E-6	-0.034243	0.0
	40.00000	15.00000	-3.00000	-948.22E-6	-3.3442	-150.06E-6	-0.030754	0.0
	41.00000	15.00000	-3.00000	283.69E-6	-3.3442	-125.00E-6	-0.027696	0.0
	42.00000	15.00000	-3.00000	0.0012599	-3.3442	-104.62E-6	-0.025009	0.0
	43.00000	15.00000	-3.00000	0.0020257	-3.3442	-87.953E-6	-0.022642	0.0
	44.00000	15.00000	-3.00000	0.0026186	-3.3442	-74.272E-6	-0.020550	0.0
	45.00000	15.00000	-3.00000	0.0030700	-3.3442	-62.990E-6	-0.018698	0.0
	-10.00000	16.00000	-3.00000	0.0025620	-3.3442	-29.671E-6	-0.017718	0.0
	-9.00000	16.00000	-3.00000	0.0019202	-3.3442	-34.282E-6	-0.019421	0.0
	-8.00000	16.00000	-3.00000	0.0010970	-3.3442	-39.750E-6	-0.021335	0.0
	-7.00000	16.00000	-3.00000	54.500E-6	-3.3442	-46.259E-6	-0.023491	0.0
	-6.00000	16.00000	-3.00000	-0.0012522	-3.3442	-54.035E-6	-0.025926	0.0
	-5.00000	16.00000	-3.00000	-0.0028760	-3.3442	-63.365E-6	-0.028681	0.0
	-4.00000	16.00000	-3.00000	-0.0048783	-3.3442	-74.601E-6	-0.031804	0.0
	-3.00000	16.00000	-3.00000	-0.0073301	-3.3442	-88.188E-6	-0.035351	0.0
	-2.00000	16.00000	-3.00000	-0.010312	-3.3442	-104.68E-6	-0.039386	0.0
	-1.00000	16.00000	-3.00000	-0.013916	-3.3442	-124.78E-6	-0.043983	0.0
	0.00000	16.00000	-3.00000	-0.018239	-3.3442	-149.37E-6	-0.049222	0.0
	1.00000	16.00000	-3.00000	-0.023389	-3.3442	-179.54E-6	-0.055196	0.0
	2.00000	16.00000	-3.00000	-0.029472	-3.3442	-216.69E-6	-0.062003	0.0
	3.00000	16.00000	-3.00000	-0.036592	-3.3442	-262.53E-6	-0.069748	0.0
	4.00000	16.00000	-3.00000	-0.044838	-3.3442	-319.20E-6	-0.078533	0.0
	5.00000	16.00000	-3.00000	-0.054269	-3.3442	-389.29E-6	-0.088456	0.0
	6.00000	16.00000	-3.00000	-0.064900	-3.3442	-475.92E-6	-0.099588	0.0
	7.00000	16.00000	-3.00000	-0.076677	-3.3442	-582.71E-6	-0.11196	1.0705E-6
	8.00000	16.00000	-3.00000	-0.089455	-3.3442	-713.71E-6	-0.12555	1.1969E-6
	9.00000	16.00000	-3.00000	-0.10297	-3.3442	-873.14E-6	-0.14024	1.3323E-6
	10.00000	16.00000	-3.00000	-0.11685	-3.3442	-0.0010649	-0.15576	1.4742E-6
	11.00000	16.00000	-3.00000	-0.13056	-3.3442	-0.0012919	-0.17175	1.6185E-6
	12.00000	16.00000	-3.00000	-0.14349	-3.3442	-0.0015547	-0.18764	1.7598E-6
	13.00000	16.00000	-3.00000	-0.15494	-3.3442	-0.0018505	-0.20274	1.8914E-6
	14.00000	16.00000	-3.00000	-0.16422	-3.3442	-0.0021715	-0.21628	2.0060E-6
	15.00000	16.00000	-3.00000	-0.17074	-3.3442	-0.0025034	-0.22743	2.0963E-6
	16.00000	16.00000	-3.00000	-0.17404	-3.3442	-0.0028255	-0.23543	2.1562E-6
	17.00000	16.00000	-3.00000	-0.17389	-3.3442	-0.0031113	-0.23970	2.1815E-6
	18.00000	16.00000	-3.00000	-0.17032	-3.3442	-0.0033320	-0.23991	2.1705E-6
	19.00000	16.00000	-3.00000	-0.16360	-3.3442	-0.0034613	-0.23602	2.1244E-6
	20.00000	16.00000	-3.00000	-0.15419	-3.3442	-0.0034816	-0.22831	2.0471E-6
	21.00000	16.00000	-3.00000	-0.14271	-3.3442	-0.0033893	-0.21734	1.9443E-6
	22.00000	16.00000	-3.00000	-0.12984	-3.3442	-0.0031957	-0.20388	1.8229E-6
	23.00000	16.00000	-3.00000	-0.11624	-3.3442	-0.0029246	-0.18877	1.6898E-6
	24.00000	16.00000	-3.00000	-0.10252	-3.3442	-0.0026060	-0.17283	1.5514E-6
	25.00000	16.00000	-3.00000	-0.089174	-3.3442	-0.0022696	-0.15678	1.4129E-6
	26.00000	16.00000	-3.00000	-0.076562	-3.3442	-0.0019398	-0.14118	1.2785E-6
	27.00000	16.00000	-3.00000	-0.064934	-3.3442	-0.0016337	-0.12644	1.1511E-6
	28.00000	16.00000	-3.00000	-0.054428	-3.3442	-0.0013606	-0.11279	1.0326E-6
	29.00000	16.00000	-3.00000	-0.045096	-3.3442	-0.0011243	-0.10037	0.0
	30.00000	16.00000	-3.00000	-0.036924	-3.3442	-924.19E-6	-0.089192	0.0
	31.00000	16.00000	-3.00000	-0.029854	-3.3442	-757.49E-6	-0.079226	0.0
	32.00000	16.00000	-3.00000	-0.023801	-3.3442	-620.13E-6	-0.070397	0.0
	33.00000	16.00000	-3.00000	-0.018665	-3.3442	-507.80E-6	-0.062609	0.0
	34.00000	16.00000	-3.00000	-0.014342	-3.3442	-416.38E-6	-0.055759	0.0
	35.00000	16.00000	-3.00000	-0.010730	-3.3442	-342.15E-6	-0.049743	0.0
	36.00000	16.00000	-3.00000	-0.0077313	-3.3442	-281.94E-6	-0.044462	0.0
	37.00000	16.00000	-3.00000	-0.0052585	-3.3442	-233.07E-6	-0.039827	0.0
	38.00000	16.00000	-3.00000	-0.0032324	-3.3442	-193.35E-6	-0.035755	0.0
	39.00000	16.00000	-3.00000	-0.0015835	-3.3442	-161.01E-6	-0.032173	0.0
	40.00000	16.00000	-3.00000	-251.14E-6	-3.3442	-134.59E-6	-0.029018	0.0
	41.00000	16.00000	-3.00000	816.56E-6	-3.3442	-112.96E-6	-0.026234	0.0
	42.00000	16.00000	-3.00000	0.0016640	-3.3442	-95.174E-6	-0.023772	0.0
	43.00000	16.00000	-3.00000	0.0023289	-3.3442	-80.508E-6	-0.021591	0.0
	44.00000	16.00000	-3.00000	0.0028430	-3.3442	-68.368E-6	-0.019655	0.0
	45.00000	16.00000	-3.00000	0.0032330	-3.3442	-58.282E-6	-0.017931	0.0
	-10.00000	17.00000	-3.00000	0.0028289	-3.3442	-27.870E-6	-0.016959	0.0
	-9.00000	17.00000	-3.00000	0.0022792	-3.3442	-32.083E-6	-0.018538	0.0
	-8.00000	17.00000	-3.00000	0.0015735	-3.3442	-37.051E-6	-0.020305	0.0
	-7.00000	17.00000	-3.00000	680.45E-6	-3.3442	-42.931E-6	-0.022284	0.0
	-6.00000	17.00000	-3.00000	-436.75E-6	-3.3442	-49.912E-6	-0.024506	0.0
	-5.00000	17.00000	-3.00000	-0.0018206	-3.3442	-58.228E-6	-0.027005	0.0
	-4.00000	17.00000	-3.00000	-0.0035201	-3.3442	-68.168E-6	-0.029819	0.0
	-3.00000	17.00000	-3.00000	-0.0055906	-3.3442	-80.088E-6	-0.032991	0.0
	-2.00000	17.00000	-3.00000	-0.0080941	-3.3442	-94.427E-6	-0.036570	0.0
	-1.00000	17.00000	-3.00000	-0.011098	-3.3442	-111.73E-6	-0.040611	0.0
	0.00000	17.00000	-3.00000	-0.014676	-3.3442	-132.66E-6	-0.045173	0.0
	1.00000	17.00000	-3.00000	-0.018902	-3.3442	-158.03E-6	-0.050318	0.0
	2.00000	17.00000	-3.00000	-0.023848	-3.3442	-188.86E-6	-0.056114	0.0
	3.00000	17.00000	-3.00000	-0.029581	-3.3442	-226.35E-6	-0.062625	0.0
	4.00000	17.00000	-3.00000	-0.036149	-3.3442	-271.95E-6	-0.069910	0.0
	5.00000	17.00000	-3.00000	-0.043577	-3.3442	-327.38E-6	-0.078018	0.0
	6.00000	17.00000	-3.00000	-0.051851	-3.3442	-394.59E-6	-0.086973	0.0
	7.00000	17.00000	-3.00000	-0.060905	-3.3442	-475.74E-6	-0.096765	0.0
	8.00000	17.00000	-3.00000	-0.070606	-3.3442	-573.10E-6	-0.10733	1.0254E-6
	9.00000	17.00000	-3.00000	-0.080744	-3.3442	-688.80E-6	-0.11855	1.1293E-6
	10.00000	17.00000	-3.00000	-0.091023	-3.3442	-824.56E-6	-0.13022	1.2363E-6
	11.00000	17.00000	-3.00000	-0.10107	-3.3442	-981.16E-6	-0.14202	1.3435E-6
	12.00000	17.00000	-3.00000	-0.11045	-3.3442	-0.0011578	-0.15357	1.4471E-6
	13.00000	17.00000	-3.00000	-0.11869	-3.3442	-0.0013516	-0.16439	1.5424E-6
	14.00000	17.00000	-3.00000	-0.12533	-3.3442	-0.0015565	-0.17398	1.6249E-6
	15.00000	17.00000	-3.00000	-0.12997	-3.3442	-0.0017634	-0.18179	1.6897E-6
	16.00000	17.00000	-3.00000	-0.13233	-3.3442	-0.0019597	-0.18736	1.7331E-6
	17.00000	17.00000	-3.00000	-0.13224	-3.3442	-0.0021305	-0.19032	1.7522E-6
	18.00000	17.00000	-3.00000	-0.12974	-3.3442	-0.0022603	-0.19048	1.7461E-6
	19.00000	17.00000	-3.00000	-0.12498	-3.3442	-0.0023357	-0.18780	1.7152E-6
	20.00000	17.00000	-3.00000	-0.11827	-3.3442	-0.0023479	-0.18247	1.6618E-6
	21.00000	17.00000	-3.00000	-0.11002	-3.3442	-0.0022950	-0.17482	1.5895E-6
	22.00000	17.00000	-3.00000	-0.10068	-3.3442	-0.0021829	-0.16534	1.5025E-6
	23.00000	17.00000	-3.00000	-0.090712	-3.3442	-0.0020233	-0.15455	1.4055E-6
	24.00000	17.00000	-3.00000	-0.080536	-3.3442	-0.0018320	-0.14299	1.3027E-6
	25.00000	17.00000	-3.00000	-0.070513	-3.3442	-0.0016249	-0.13115	1.1982E-6
	26.00000	17.00000	-3.00000	-0.060925	-3.3442	-0.0014163	-0.11945	1.0950E-6
	27.00000	17.00000	-3.00000	-0.051975	-3.3442	-0.0012171	-0.10818	0.0
	28.00000	17.00000	-3.00000	-0.043789	-3.3442	-0.0010341	-0.097558	0.0
	29.00000	17.00000	-3.00000	-0.036431	-3.3442	-871.28E-6	-0.087717	0.0
	30.00000	17.00000	-3.00000	-0.029915	-3.3442	-729.61E-6	-0.078714	0.0
	31.00000	17.00000	-3.00000	-0.024218	-3.3442	-608.50E-6	-0.070561	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 [-]
	32.00000	17.00000	-3.00000	-0.019292	-3.3442	-506.30E-6	-0.063231	0.0
	33.00000	17.00000	-3.00000	-0.015074	-3.3442	-420.86E-6	-0.056677	0.0
	34.00000	17.00000	-3.00000	-0.011494	-3.3442	-349.88E-6	-0.050840	0.0
	35.00000	17.00000	-3.00000	-0.0084793	-3.3442	-291.17E-6	-0.045655	0.0
	36.00000	17.00000	-3.00000	-0.0059602	-3.3442	-242.72E-6	-0.041055	0.0
	37.00000	17.00000	-3.00000	-0.0038704	-3.3442	-202.79E-6	-0.036979	0.0
	38.00000	17.00000	-3.00000	-0.0021493	-3.3442	-169.87E-6	-0.033366	0.0
	39.00000	17.00000	-3.00000	-742.64E-6	-3.3442	-142.70E-6	-0.030162	0.0
	40.00000	17.00000	-3.00000	397.67E-6	-3.3442	-120.26E-6	-0.027319	0.0
	41.00000	17.00000	-3.00000	0.0013135	-3.3442	-101.67E-6	-0.024793	0.0
	42.00000	17.00000	-3.00000	0.0020412	-3.3442	-86.250E-6	-0.022546	0.0
	43.00000	17.00000	-3.00000	0.0026118	-3.3442	-73.412E-6	-0.020544	0.0
	44.00000	17.00000	-3.00000	0.0030517	-3.3442	-62.697E-6	-0.018757	0.0
	45.00000	17.00000	-3.00000	0.0033837	-3.3442	-53.726E-6	-0.017160	0.0
	-10.00000	18.00000	-3.00000	0.0030723	-3.3442	-26.099E-6	-0.016203	0.0
	-9.00000	18.00000	-3.00000	0.0026077	-3.3442	-29.931E-6	-0.017662	0.0
	-8.00000	18.00000	-3.00000	0.0020098	-3.3442	-34.427E-6	-0.019287	0.0
	-7.00000	18.00000	-3.00000	0.0012529	-3.3442	-39.715E-6	-0.021098	0.0
	-6.00000	18.00000	-3.00000	307.27E-6	-3.3442	-45.952E-6	-0.023120	0.0
	-5.00000	18.00000	-3.00000	-861.04E-6	-3.3442	-53.332E-6	-0.025380	0.0
	-4.00000	18.00000	-3.00000	-0.0022905	-3.3442	-62.084E-6	-0.027907	0.0
	-3.00000	18.00000	-3.00000	-0.0040241	-3.3442	-72.494E-6	-0.030736	0.0
	-2.00000	18.00000	-3.00000	-0.0061087	-3.3442	-84.903E-6	-0.033903	0.0
	-1.00000	18.00000	-3.00000	-0.0085947	-3.3442	-99.727E-6	-0.037447	0.0
	0.00000	18.00000	-3.00000	-0.011534	-3.3442	-117.47E-6	-0.041410	0.0
	1.00000	18.00000	-3.00000	-0.014979	-3.3442	-138.73E-6	-0.045836	0.0
	2.00000	18.00000	-3.00000	-0.018977	-3.3442	-164.23E-6	-0.050767	0.0
	3.00000	18.00000	-3.00000	-0.023568	-3.3442	-194.80E-6	-0.056241	0.0
	4.00000	18.00000	-3.00000	-0.028777	-3.3442	-231.44E-6	-0.062289	0.0
	5.00000	18.00000	-3.00000	-0.034608	-3.3442	-275.24E-6	-0.068931	0.0
	6.00000	18.00000	-3.00000	-0.041033	-3.3442	-327.42E-6	-0.076163	0.0
	7.00000	18.00000	-3.00000	-0.047988	-3.3442	-389.24E-6	-0.083956	0.0
	8.00000	18.00000	-3.00000	-0.055357	-3.3442	-461.92E-6	-0.092241	0.0
	9.00000	18.00000	-3.00000	-0.062976	-3.3442	-546.48E-6	-0.10090	0.0
	10.00000	18.00000	-3.00000	-0.070621	-3.3442	-643.54E-6	-0.10977	1.0453E-6
	11.00000	18.00000	-3.00000	-0.078023	-3.3442	-752.98E-6	-0.11862	1.1261E-6
	12.00000	18.00000	-3.00000	-0.084873	-3.3442	-873.68E-6	-0.12716	1.2035E-6
	13.00000	18.00000	-3.00000	-0.090849	-3.3442	-0.0010031	-0.13507	1.2737E-6
	14.00000	18.00000	-3.00000	-0.095641	-3.3442	-0.0011370	-0.14200	1.3341E-6
	15.00000	18.00000	-3.00000	-0.098984	-3.3442	-0.0012694	-0.14760	1.3815E-6
	16.00000	18.00000	-3.00000	-0.10068	-3.3442	-0.0013927	-0.15157	1.4134E-6
	17.00000	18.00000	-3.00000	-0.10064	-3.3442	-0.0014983	-0.15368	1.4280E-6
	18.00000	18.00000	-3.00000	-0.098861	-3.3442	-0.0015775	-0.15379	1.4244E-6
	19.00000	18.00000	-3.00000	-0.095459	-3.3442	-0.0016232	-0.15190	1.4031E-6
	20.00000	18.00000	-3.00000	-0.090636	-3.3442	-0.0016308	-0.14812	1.3653E-6
	21.00000	18.00000	-3.00000	-0.084662	-3.3442	-0.0015993	-0.14266	1.3133E-6
	22.00000	18.00000	-3.00000	-0.077844	-3.3442	-0.0015317	-0.13583	1.2499E-6
	23.00000	18.00000	-3.00000	-0.070498	-3.3442	-0.0014343	-0.12797	1.1781E-6
	24.00000	18.00000	-3.00000	-0.062925	-3.3442	-0.0013155	-0.11945	1.1010E-6
	25.00000	18.00000	-3.00000	-0.055386	-3.3442	-0.0011845	-0.11059	1.0213E-6
	26.00000	18.00000	-3.00000	-0.048095	-3.3442	-0.0010494	-0.10170	0.0
	27.00000	18.00000	-3.00000	-0.041213	-3.3442	-917.27E-6	-0.093001	0.0
	28.00000	18.00000	-3.00000	-0.034850	-3.3442	-792.96E-6	-0.084676	0.0
	29.00000	18.00000	-3.00000	-0.029068	-3.3442	-679.53E-6	-0.076842	0.0
	30.00000	18.00000	-3.00000	-0.023896	-3.3442	-578.47E-6	-0.069568	0.0
	31.00000	18.00000	-3.00000	-0.019329	-3.3442	-490.08E-6	-0.062885	0.0
	32.00000	18.00000	-3.00000	-0.015344	-3.3442	-413.86E-6	-0.056796	0.0
	33.00000	18.00000	-3.00000	-0.011903	-3.3442	-348.82E-6	-0.051282	0.0
	34.00000	18.00000	-3.00000	-0.0089587	-3.3442	-293.75E-6	-0.046314	0.0
	35.00000	18.00000	-3.00000	-0.0064625	-3.3442	-247.40E-6	-0.041852	0.0
	36.00000	18.00000	-3.00000	-0.0043632	-3.3442	-208.53E-6	-0.037855	0.0
	37.00000	18.00000	-3.00000	-0.0026119	-3.3442	-176.00E-6	-0.034278	0.0
	38.00000	18.00000	-3.00000	-0.0011629	-3.3442	-148.82E-6	-0.031081	0.0
	39.00000	18.00000	-3.00000	25.914E-6	-3.3442	-126.10E-6	-0.028225	0.0
	40.00000	18.00000	-3.00000	992.25E-6	-3.3442	-107.11E-6	-0.025671	0.0
	41.00000	18.00000	-3.00000	0.0017696	-3.3442	-91.224E-6	-0.023387	0.0
	42.00000	18.00000	-3.00000	0.0023873	-3.3442	-77.904E-6	-0.021343	0.0
	43.00000	18.00000	-3.00000	0.0028708	-3.3442	-66.719E-6	-0.019511	0.0
	44.00000	18.00000	-3.00000	0.0032420	-3.3442	-57.306E-6	-0.017867	0.0
	45.00000	18.00000	-3.00000	0.0035199	-3.3442	-49.365E-6	-0.016391	0.0
	-10.00000	19.00000	-3.00000	0.0032901	-3.3442	-24.373E-6	-0.015454	0.0
	-9.00000	19.00000	-3.00000	0.0029029	-3.3442	-27.846E-6	-0.016799	0.0
	-8.00000	19.00000	-3.00000	0.0024026	-3.3442	-31.898E-6	-0.018290	0.0
	-7.00000	19.00000	-3.00000	0.0017683	-3.3442	-36.634E-6	-0.019943	0.0
	-6.00000	19.00000	-3.00000	976.23E-6	-3.3442	-42.186E-6	-0.021778	0.0
	-5.00000	19.00000	-3.00000	0.0	-3.3442	-48.707E-6	-0.023816	0.0
	-4.00000	19.00000	-3.00000	-0.0011924	-3.3442	-56.384E-6	-0.026081	0.0
	-3.00000	19.00000	-3.00000	-0.0026317	-3.3442	-65.439E-6	-0.028597	0.0
	-2.00000	19.00000	-3.00000	-0.0043540	-3.3442	-76.138E-6	-0.031393	0.0
	-1.00000	19.00000	-3.00000	-0.0063961	-3.3442	-88.795E-6	-0.034496	0.0
	0.00000	19.00000	-3.00000	-0.0087951	-3.3442	-103.79E-6	-0.037936	0.0
	1.00000	19.00000	-3.00000	-0.011586	-3.3442	-121.55E-6	-0.041740	0.0
	2.00000	19.00000	-3.00000	-0.014800	-3.3442	-142.59E-6	-0.045935	0.0
	3.00000	19.00000	-3.00000	-0.018460	-3.3442	-167.49E-6	-0.050541	0.0
	4.00000	19.00000	-3.00000	-0.022575	-3.3442	-196.90E-6	-0.055572	0.0
	5.00000	19.00000	-3.00000	-0.027139	-3.3442	-231.52E-6	-0.061030	0.0
	6.00000	19.00000	-3.00000	-0.032120	-3.3442	-272.10E-6	-0.066897	0.0
	7.00000	19.00000	-3.00000	-0.037459	-3.3442	-319.35E-6	-0.073136	0.0
	8.00000	19.00000	-3.00000	-0.043062	-3.3442	-373.88E-6	-0.079682	0.0
	9.00000	19.00000	-3.00000	-0.048799	-3.3442	-436.14E-6	-0.086435	0.0
	10.00000	19.00000	-3.00000	-0.054505	-3.3442	-506.20E-6	-0.093258	0.0
	11.00000	19.00000	-3.00000	-0.059984	-3.3442	-583.65E-6	-0.099981	0.0
	12.00000	19.00000	-3.00000	-0.065017	-3.3442	-667.37E-6	-0.10640	1.0106E-6
	13.00000	19.00000	-3.00000	-0.069383	-3.3442	-755.38E-6	-0.11228	1.0634E-6
	14.00000	19.00000	-3.00000	-0.072869	-3.3442	-844.75E-6	-0.11738	1.1084E-6
	15.00000	19.00000	-3.00000	-0.075295	-3.3442	-931.57E-6	-0.12147	1.1437E-6
	16.00000	19.00000	-3.00000	-0.076531	-3.3442	-0.0010111	-0.12436	1.1675E-6
	17.00000	19.00000	-3.00000	-0.076511	-3.3442	-0.0010784	-0.12589	1.1786E-6
	18.00000	19.00000	-3.00000	-0.075239	-3.3442	-0.0011283	-0.12598	1.1765E-6
	19.00000	19.00000	-3.00000	-0.072789	-3.3442	-0.0011570	-0.12462	1.1614E-6
	20.00000	19.00000	-3.00000	-0.069295	-3.3442	-0.0011618	-0.12188	1.1340E-6
	21.00000	19.00000	-3.00000	-0.064940	-3.3442	-0.0011424	-0.11790	1.0959E-6
	22.00000	19.00000	-3.00000	-0.059935	-3.3442	-0.0011002	-0.11288	1.0489E-6
	23.00000	19.00000	-3.00000	-0.054499	-3.3442	-0.0010389	-0.10706	0.0
	24.00000	19.00000	-3.00000	-0.048846	-3.3442	-962.99E-6	-0.10067	0.0
	25.00000	19.00000	-3.00000	-0.043165	-3.3442	-877.85E-6	-0.093953	0.0
	26.00000	19.00000	-3.00000	-0.037618	-3.3442	-788.49E-6	-0.087119	0.0
	27.00000	19.00000	-3.00000	-0.032331	-3.3442	-699.27E-6	-0.080345	0.0
	28.00000	19.00000	-3.00000	-0.027393	-3.3442	-613.55E-6	-0.073772	0.0
	29.00000	19.00000	-3.00000	-0.022864	-3.3442	-533.66E-6	-0.067500	0.0
	30.00000	19.00000	-3.00000	-0.018774	-3.3442	-460.97E-6	-0.061599	0.0
	31.00000	19.00000	-3.00000	-0.015131	-3.3442	-396.08E-6	-0.056107	0.0
	32.00000	19.00000	-3.00000	-0.011924	-3.3442	-339.01E-6	-0.051042	0.0
	33.00000	19.00000	-3.00000	-0.0091339	-3.3442	-289.39E-6	-0.046401	0.0
	34.00000	19.00000	-3.00000	-0.0067295	-3.3442	-246.65E-6	-0.042174	0.0
	35.00000	19.00000	-3.00000	-0.0046773	-3.3442	-210.08E-6	-0.038338	0.0
	36.00000	19.00000	-3.00000	-0.0029414	-3.3442	-178.93E-6	-0.034868	0.0
	37.00000	19.00000	-3.00000	-0.0014860	-3.3442	-152.49E-6	-0.031737	0.0
	38.00000	19.00000	-3.00000	-276.81E-6	-3.3442	-130.11E-6	-0.028914	0.0
	39.00000	19.00000	-3.00000	718.39E-6	-3.3442	-111.17E-6	-0.026373	0.0
	40.00000	19.00000	-3.00000	0.0015290	-3.3442	-95.165E-6	-0.024084	0.0
	41.00000	19.00000	-3.00000	0.0021815	-3.3442	-81.628E-6	-0.022025	0.0
	42.00000	19.00000	-3.00000	0.0026995	-3.3442	-70.172E-6	-0.020170	0.0
	43.00000	19.00000	-3.00000	0.0031036	-3.3442	-60.466E-6	-0.018498	0.0
	44.00000	19.00000	-3.00000	0.0034119	-3.3442	-52.229E-6	-0.016991	0.0
	45.00000	19.00000	-3.00000	0.0036401	-3.3442	-45.228E-6	-0.015630	0.0
	-10.00000	20.00000	-3.00000	0.0034810	-3.3442	-22.706E-6	-0.014718	0.0
	-9.00000	20.00000	-3.00000	0.0031634	-3.3442	-25.842E-6	-0.015955	0.0
	-8.00000	20.00000	-3.00000	0.0027506	-3.3442	-29.480E-6	-0.017320	0.0
	-7.00000	20.00000	-3.00000	0.0022255	-3.3442	-33.708E-6	-0.018825	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 [-]
	-6.00000	20.00000	-3.00000	0.0015691	-3.3442	-38.632E-6	-0.020486	0.0
	-5.00000	20.00000	-3.00000	760.34E-6	-3.3442	-44.375E-6	-0.022321	0.0
	-4.00000	20.00000	-3.00000	-224.12E-6	-3.3442	-51.086E-6	-0.024346	0.0
	-3.00000	20.00000	-3.00000	-0.0014092	-3.3442	-58.937E-6	-0.026581	0.0
	-2.00000	20.00000	-3.00000	-0.0028213	-3.3442	-68.133E-6	-0.029046	0.0
	-1.00000	20.00000	-3.00000	-0.0044869	-3.3442	-78.910E-6	-0.031761	0.0
	0.00000	20.00000	-3.00000	-0.0064321	-3.3442	-91.546E-6	-0.034744	0.0
	1.00000	20.00000	-3.00000	-0.0086806	-3.3442	-106.35E-6	-0.038014	0.0
	2.00000	20.00000	-3.00000	-0.011251	-3.3442	-123.69E-6	-0.041584	0.0
	3.00000	20.00000	-3.00000	-0.014156	-3.3442	-143.95E-6	-0.045466	0.0
	4.00000	20.00000	-3.00000	-0.017396	-3.3442	-167.57E-6	-0.049661	0.0
	5.00000	20.00000	-3.00000	-0.020960	-3.3442	-194.97E-6	-0.054160	0.0
	6.00000	20.00000	-3.00000	-0.024816	-3.3442	-226.60E-6	-0.058943	0.0
	7.00000	20.00000	-3.00000	-0.028912	-3.3442	-262.85E-6	-0.063969	0.0
	8.00000	20.00000	-3.00000	-0.033175	-3.3442	-304.01E-6	-0.069180	0.0
	9.00000	20.00000	-3.00000	-0.037504	-3.3442	-350.19E-6	-0.074493	0.0
	10.00000	20.00000	-3.00000	-0.041775	-3.3442	-401.26E-6	-0.079801	0.0
	11.00000	20.00000	-3.00000	-0.045848	-3.3442	-456.72E-6	-0.084974	0.0
	12.00000	20.00000	-3.00000	-0.049566	-3.3442	-515.62E-6	-0.089861	0.0
	13.00000	20.00000	-3.00000	-0.052774	-3.3442	-576.50E-6	-0.094299	0.0
	14.00000	20.00000	-3.00000	-0.055327	-3.3442	-637.32E-6	-0.098122	0.0
	15.00000	20.00000	-3.00000	-0.057101	-3.3442	-695.51E-6	-0.10117	0.0
	16.00000	20.00000	-3.00000	-0.058007	-3.3442	-748.14E-6	-0.10331	0.0
	17.00000	20.00000	-3.00000	-0.058001	-3.3442	-792.10E-6	-0.10444	0.0
	18.00000	20.00000	-3.00000	-0.057084	-3.3442	-824.51E-6	-0.10451	0.0
	19.00000	20.00000	-3.00000	-0.055307	-3.3442	-843.03E-6	-0.10351	0.0
	20.00000	20.00000	-3.00000	-0.052760	-3.3442	-846.22E-6	-0.10148	0.0
	21.00000	20.00000	-3.00000	-0.049568	-3.3442	-833.82E-6	-0.098531	0.0
	22.00000	20.00000	-3.00000	-0.045877	-3.3442	-806.73E-6	-0.094783	0.0
	23.00000	20.00000	-3.00000	-0.041839	-3.3442	-766.95E-6	-0.090397	0.0
	24.00000	20.00000	-3.00000	-0.037607	-3.3442	-717.20E-6	-0.085541	0.0
	25.00000	20.00000	-3.00000	-0.033321	-3.3442	-660.61E-6	-0.080382	0.0
	26.00000	20.00000	-3.00000	-0.029098	-3.3442	-600.28E-6	-0.075073	0.0
	27.00000	20.00000	-3.00000	-0.025038	-3.3442	-538.99E-6	-0.069749	0.0
	28.00000	20.00000	-3.00000	-0.021214	-3.3442	-479.04E-6	-0.064520	0.0
	29.00000	20.00000	-3.00000	-0.017675	-3.3442	-422.12E-6	-0.059471	0.0
	30.00000	20.00000	-3.00000	-0.014452	-3.3442	-369.37E-6	-0.054662	0.0
	31.00000	20.00000	-3.00000	-0.011558	-3.3442	-321.41E-6	-0.050135	0.0
	32.00000	20.00000	-3.00000	-0.0089916	-3.3442	-278.47E-6	-0.045912	0.0
	33.00000	20.00000	-3.00000	-0.0067418	-3.3442	-240.52E-6	-0.042002	0.0
	34.00000	20.00000	-3.00000	-0.0047906	-3.3442	-207.28E-6	-0.038404	0.0
	35.00000	20.00000	-3.00000	-0.0031153	-3.3442	-178.40E-6	-0.035107	0.0
	36.00000	20.00000	-3.00000	-0.0016909	-3.3442	-153.45E-6	-0.032098	0.0
	37.00000	20.00000	-3.00000	-491.45E-6	-3.3442	-131.99E-6	-0.029359	0.0
	38.00000	20.00000	-3.00000	508.60E-6	-3.3442	-113.59E-6	-0.026871	0.0
	39.00000	20.00000	-3.00000	0.0013336	-3.3442	-97.843E-6	-0.024613	0.0
	40.00000	20.00000	-3.00000	0.0020064	-3.3442	-84.383E-6	-0.022568	0.0
	41.00000	20.00000	-3.00000	0.0025477	-3.3442	-72.886E-6	-0.020714	0.0
	42.00000	20.00000	-3.00000	0.0029763	-3.3442	-63.063E-6	-0.019035	0.0
	43.00000	20.00000	-3.00000	0.0033089	-3.3442	-54.667E-6	-0.017513	0.0
	44.00000	20.00000	-3.00000	0.0035603	-3.3442	-47.485E-6	-0.016134	0.0
	45.00000	20.00000	-3.00000	0.0037433	-3.3442	-41.334E-6	-0.014882	0.0
	-10.00000	21.00000	-3.00000	0.0036444	-3.3442	-21.105E-6	-0.014000	0.0
	-9.00000	21.00000	-3.00000	0.0033889	-3.3442	-23.928E-6	-0.015135	0.0
	-8.00000	21.00000	-3.00000	0.0030535	-3.3442	-27.185E-6	-0.016381	0.0
	-7.00000	21.00000	-3.00000	0.0026246	-3.3442	-30.948E-6	-0.017749	0.0
	-6.00000	21.00000	-3.00000	0.0020871	-3.3442	-35.301E-6	-0.019250	0.0
	-5.00000	21.00000	-3.00000	0.0014245	-3.3442	-40.345E-6	-0.020899	0.0
	-4.00000	21.00000	-3.00000	618.89E-6	-3.3442	-46.194E-6	-0.022708	0.0
	-3.00000	21.00000	-3.00000	-348.54E-6	-3.3442	-52.984E-6	-0.024691	0.0
	-2.00000	21.00000	-3.00000	-0.0014972	-3.3442	-60.869E-6	-0.026862	0.0
	-1.00000	21.00000	-3.00000	-0.0028462	-3.3442	-70.026E-6	-0.029235	0.0
	0.00000	21.00000	-3.00000	-0.0044135	-3.3442	-80.658E-6	-0.031822	0.0
	1.00000	21.00000	-3.00000	-0.0062147	-3.3442	-92.989E-6	-0.034633	0.0
	2.00000	21.00000	-3.00000	-0.0082609	-3.3442	-107.27E-6	-0.037677	0.0
	3.00000	21.00000	-3.00000	-0.010557	-3.3442	-123.75E-6	-0.040954	0.0
	4.00000	21.00000	-3.00000	-0.013100	-3.3442	-142.73E-6	-0.044461	0.0
	5.00000	21.00000	-3.00000	-0.015876	-3.3442	-164.46E-6	-0.048185	0.0
	6.00000	21.00000	-3.00000	-0.018857	-3.3442	-189.19E-6	-0.052102	0.0
	7.00000	21.00000	-3.00000	-0.021999	-3.3442	-217.13E-6	-0.056176	0.0
	8.00000	21.00000	-3.00000	-0.025244	-3.3442	-248.37E-6	-0.060355	0.0
	9.00000	21.00000	-3.00000	-0.028516	-3.3442	-282.89E-6	-0.064572	0.0
	10.00000	21.00000	-3.00000	-0.031722	-3.3442	-320.47E-6	-0.068744	0.0
	11.00000	21.00000	-3.00000	-0.034760	-3.3442	-360.64E-6	-0.072770	0.0
	12.00000	21.00000	-3.00000	-0.037518	-3.3442	-402.66E-6	-0.076541	0.0
	13.00000	21.00000	-3.00000	-0.039888	-3.3442	-445.43E-6	-0.079939	0.0
	14.00000	21.00000	-3.00000	-0.041768	-3.3442	-487.57E-6	-0.082846	0.0
	15.00000	21.00000	-3.00000	-0.043073	-3.3442	-527.36E-6	-0.085153	0.0
	16.00000	21.00000	-3.00000	-0.043742	-3.3442	-562.94E-6	-0.086766	0.0
	17.00000	21.00000	-3.00000	-0.043744	-3.3442	-592.39E-6	-0.087617	0.0
	18.00000	21.00000	-3.00000	-0.043080	-3.3442	-613.94E-6	-0.087669	0.0
	19.00000	21.00000	-3.00000	-0.041783	-3.3442	-626.22E-6	-0.086918	0.0
	20.00000	21.00000	-3.00000	-0.039917	-3.3442	-628.38E-6	-0.085396	0.0
	21.00000	21.00000	-3.00000	-0.037566	-3.3442	-620.25E-6	-0.083168	0.0
	22.00000	21.00000	-3.00000	-0.034832	-3.3442	-602.38E-6	-0.080325	0.0
	23.00000	21.00000	-3.00000	-0.031824	-3.3442	-575.94E-6	-0.076974	0.0
	24.00000	21.00000	-3.00000	-0.028649	-3.3442	-542.56E-6	-0.073234	0.0
	25.00000	21.00000	-3.00000	-0.025409	-3.3442	-504.14E-6	-0.069225	0.0
	26.00000	21.00000	-3.00000	-0.022195	-3.3442	-462.63E-6	-0.065060	0.0
	27.00000	21.00000	-3.00000	-0.019079	-3.3442	-419.85E-6	-0.060839	0.0
	28.00000	21.00000	-3.00000	-0.016121	-3.3442	-377.34E-6	-0.056649	0.0
	29.00000	21.00000	-3.00000	-0.013363	-3.3442	-336.33E-6	-0.052560	0.0
	30.00000	21.00000	-3.00000	-0.010832	-3.3442	-297.69E-6	-0.048623	0.0
	31.00000	21.00000	-3.00000	-0.0085427	-3.3442	-261.98E-6	-0.044878	0.0
	32.00000	21.00000	-3.00000	-0.0064984	-3.3442	-229.51E-6	-0.041349	0.0
	33.00000	21.00000	-3.00000	-0.0046949	-3.3442	-200.36E-6	-0.038049	0.0
	34.00000	21.00000	-3.00000	-0.0031215	-3.3442	-174.45E-6	-0.034982	0.0
	35.00000	21.00000	-3.00000	-0.0017636	-3.3442	-151.61E-6	-0.032148	0.0
	36.00000	21.00000	-3.00000	-603.80E-6	-3.3442	-131.62E-6	-0.029539	0.0
	37.00000	21.00000	-3.00000	376.37E-6	-3.3442	-114.20E-6	-0.027145	0.0
	38.00000	21.00000	-3.00000	0.0011957	-3.3442	-99.090E-6	-0.024954	0.0
	39.00000	21.00000	-3.00000	0.0018727	-3.3442	-86.012E-6	-0.022952	0.0
	40.00000	21.00000	-3.00000	0.0024246	-3.3442	-74.716E-6	-0.021125	0.0
	41.00000	21.00000	-3.00000	0.0028679	-3.3442	-64.971E-6	-0.019460	0.0
	42.00000	21.00000	-3.00000	0.0032173	-3.3442	-56.570E-6	-0.017942	0.0
	43.00000	21.00000	-3.00000	0.0034862	-3.3442	-49.328E-6	-0.016560	0.0
	44.00000	21.00000	-3.00000	0.0036866	-3.3442	-43.084E-6	-0.015300	0.0
	45.00000	21.00000	-3.00000	0.0038290	-3.3442	-37.695E-6	-0.014153	0.0
	-10.00000	22.00000	-3.00000	0.0037806	-3.3442	-19.579E-6	-0.013302	0.0
	-9.00000	22.00000	-3.00000	0.0035797	-3.3442	-22.113E-6	-0.014342	0.0
	-8.00000	22.00000	-3.00000	0.0033122	-3.3442	-25.021E-6	-0.015478	0.0
	-7.00000	22.00000	-3.00000	0.0029672	-3.3442	-28.360E-6	-0.016719	0.0
	-6.00000	22.00000	-3.00000	0.0025328	-3.3442	-32.199E-6	-0.018074	0.0
	-5.00000	22.00000	-3.00000	0.0019962	-3.3442	-36.617E-6	-0.019553	0.0
	-4.00000	22.00000	-3.00000	0.0013437	-3.3442	-41.704E-6	-0.021167	0.0
	-3.00000	22.00000	-3.00000	561.08E-6	-3.3442	-47.564E-6	-0.022924	0.0
	-2.00000	22.00000	-3.00000	-365.72E-6	-3.3442	-54.312E-6	-0.024836	0.0
	-1.00000	22.00000	-3.00000	-0.0014504	-3.3442	-62.082E-6	-0.026910	0.0
	0.00000	22.00000	-3.00000	-0.0027051	-3.3442	-71.018E-6	-0.029155	0.0
	1.00000	22.00000	-3.00000	-0.0041398	-3.3442	-81.279E-6	-0.031575	0.0
	2.00000	22.00000	-3.00000	-0.0057607	-3.3442	-93.035E-6	-0.034172	0.0
	3.00000	22.00000	-3.00000	-0.0075687	-3.3442	-106.46E-6	-0.036945	0.0
	4.00000	22.00000	-3.00000	-0.0095582	-3.3442	-121.73E-6	-0.039886	0.0
	5.00000	22.00000	-3.00000	-0.011715	-3.3442	-139.00E-6	-0.042980	0.0
	6.00000	22.00000	-3.00000	-0.014016	-3.3442	-158.41E-6	-0.046205	0.0
	7.00000	22.00000	-3.00000	-0.016425	-3.3442	-180.05E-6	-0.049527	0.0
	8.00000	22.00000	-3.00000	-0.018896	-3.3442	-203.91E-6	-0.052903	0.0
	9.00000	22.00000	-3.00000	-0.021372	-3.3442	-229.91E-6	-0.056278	0.0
	10.00000	22.00000	-3.00000	-0.023784	-3.3442	-257.82E-6	-0.059587	0.0
	11.00000	22.00000	-3.00000	-0.026056	-3.3442	-287.24E-6	-0.062754	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 [-]	
	12.00000	22.00000	-3.00000	-0.028111	-3.3442	-317.59E-6	-0.065698	0.0	
	13.00000	22.00000	-3.00000	-0.029870	-3.3442	-348.10E-6	-0.068333	0.0	
	14.00000	22.00000	-3.00000	-0.031261	-3.3442	-377.77E-6	-0.070574	0.0	
	15.00000	22.00000	-3.00000	-0.032226	-3.3442	-405.49E-6	-0.072344	0.0	
	16.00000	22.00000	-3.00000	-0.032723	-3.3442	-430.03E-6	-0.073578	0.0	
	17.00000	22.00000	-3.00000	-0.032729	-3.3442	-450.18E-6	-0.074228	0.0	
	18.00000	22.00000	-3.00000	-0.032245	-3.3442	-464.84E-6	-0.074269	0.0	
	19.00000	22.00000	-3.00000	-0.031295	-3.3442	-473.17E-6	-0.073697	0.0	
	20.00000	22.00000	-3.00000	-0.029921	-3.3442	-474.66E-6	-0.072537	0.0	
	21.00000	22.00000	-3.00000	-0.028182	-3.3442	-469.21E-6	-0.070831	0.0	
	22.00000	22.00000	-3.00000	-0.026151	-3.3442	-457.14E-6	-0.068643	0.0	
	23.00000	22.00000	-3.00000	-0.023903	-3.3442	-439.16E-6	-0.066049	0.0	
	24.00000	22.00000	-3.00000	-0.021517	-3.3442	-416.29E-6	-0.063135	0.0	
	25.00000	22.00000	-3.00000	-0.019067	-3.3442	-389.70E-6	-0.059986	0.0	
	26.00000	22.00000	-3.00000	-0.016618	-3.3442	-360.65E-6	-0.056686	0.0	
	27.00000	22.00000	-3.00000	-0.014230	-3.3442	-330.33E-6	-0.053312	0.0	
	28.00000	22.00000	-3.00000	-0.011946	-3.3442	-299.79E-6	-0.049931	0.0	
	29.00000	22.00000	-3.00000	-0.0098018	-3.3442	-269.90E-6	-0.046599	0.0	
	30.00000	22.00000	-3.00000	-0.0078209	-3.3442	-241.34E-6	-0.043361	0.0	
	31.00000	22.00000	-3.00000	-0.0060173	-3.3442	-214.56E-6	-0.040251	0.0	
	32.00000	22.00000	-3.00000	-0.0043970	-3.3442	-189.86E-6	-0.037293	0.0	
	33.00000	22.00000	-3.00000	-0.0029594	-3.3442	-167.36E-6	-0.034502	0.0	
	34.00000	22.00000	-3.00000	-0.0016989	-3.3442	-147.10E-6	-0.031885	0.0	
	35.00000	22.00000	-3.00000	-606.16E-6	-3.3442	-129.00E-6	-0.029447	0.0	
	36.00000	22.00000	-3.00000	330.54E-6	-3.3442	-112.96E-6	-0.027184	0.0	
	37.00000	22.00000	-3.00000	0.0011243	-3.3442	-98.823E-6	-0.025092	0.0	
	38.00000	22.00000	-3.00000	0.0017889	-3.3442	-86.413E-6	-0.023163	0.0	
	39.00000	22.00000	-3.00000	0.0023381	-3.3442	-75.560E-6	-0.021389	0.0	
	40.00000	22.00000	-3.00000	0.0027852	-3.3442	-66.091E-6	-0.019760	0.0	
	41.00000	22.00000	-3.00000	0.0031429	-3.3442	-57.846E-6	-0.018266	0.0	
	42.00000	22.00000	-3.00000	0.0034227	-3.3442	-50.674E-6	-0.016897	0.0	
	43.00000	22.00000	-3.00000	0.0036354	-3.3442	-44.441E-6	-0.015643	0.0	
	44.00000	22.00000	-3.00000	0.0037907	-3.3442	-39.023E-6	-0.014495	0.0	
	45.00000	22.00000	-3.00000	0.0038971	-3.3442	-34.315E-6	-0.013444	0.0	
	-10.00000	23.00000	-3.00000	0.0038903	-3.3442	-18.131E-6	-0.012626	0.0	
	-9.00000	23.00000	-3.00000	0.0037371	-3.3442	-20.401E-6	-0.013578	0.0	
	-8.00000	23.00000	-3.00000	0.0035286	-3.3442	-22.991E-6	-0.014612	0.0	
	-7.00000	23.00000	-3.00000	0.0032561	-3.3442	-25.948E-6	-0.015737	0.0	
	-6.00000	23.00000	-3.00000	0.0029103	-3.3442	-29.326E-6	-0.016958	0.0	
	-5.00000	23.00000	-3.00000	0.0024813	-3.3442	-33.188E-6	-0.018285	0.0	
	-4.00000	23.00000	-3.00000	0.0019587	-3.3442	-37.604E-6	-0.019723	0.0	
	-3.00000	23.00000	-3.00000	0.0013319	-3.3442	-42.653E-6	-0.021281	0.0	
	-2.00000	23.00000	-3.00000	590.61E-6	-3.3442	-48.421E-6	-0.022963	0.0	
	-1.00000	23.00000	-3.00000	-274.76E-6	-3.3442	-55.006E-6	-0.024777	0.0	
	0.00000	23.00000	-3.00000	-0.0012725	-3.3442	-62.513E-6	-0.026726	0.0	
	1.00000	23.00000	-3.00000	-0.0024085	-3.3442	-71.051E-6	-0.028811	0.0	
	2.00000	23.00000	-3.00000	-0.0036859	-3.3442	-80.736E-6	-0.031032	0.0	
	3.00000	23.00000	-3.00000	-0.0051034	-3.3442	-91.682E-6	-0.033385	0.0	
	4.00000	23.00000	-3.00000	-0.0066546	-3.3442	-103.99E-6	-0.035859	0.0	
	5.00000	23.00000	-3.00000	-0.0083266	-3.3442	-117.76E-6	-0.038440	0.0	
	6.00000	23.00000	-3.00000	-0.010099	-3.3442	-133.05E-6	-0.041107	0.0	
	7.00000	23.00000	-3.00000	-0.011945	-3.3442	-149.89E-6	-0.043832	0.0	
	8.00000	23.00000	-3.00000	-0.013827	-3.3442	-168.23E-6	-0.046578	0.0	
	9.00000	23.00000	-3.00000	-0.015702	-3.3442	-187.96E-6	-0.049300	0.0	
	10.00000	23.00000	-3.00000	-0.017519	-3.3442	-208.88E-6	-0.051949	0.0	
	11.00000	23.00000	-3.00000	-0.019224	-3.3442	-230.66E-6	-0.054466	0.0	
	12.00000	23.00000	-3.00000	-0.020758	-3.3442	-252.86E-6	-0.056789	0.0	
	13.00000	23.00000	-3.00000	-0.022068	-3.3442	-274.91E-6	-0.058856	0.0	
	14.00000	23.00000	-3.00000	-0.023102	-3.3442	-296.13E-6	-0.060605	0.0	
	15.00000	23.00000	-3.00000	-0.023819	-3.3442	-315.76E-6	-0.061981	0.0	
	16.00000	23.00000	-3.00000	-0.024189	-3.3442	-332.99E-6	-0.062937	0.0	
	17.00000	23.00000	-3.00000	-0.024197	-3.3442	-347.05E-6	-0.063441	0.0	
	18.00000	23.00000	-3.00000	-0.023843	-3.3442	-357.23E-6	-0.063473	0.0	
	19.00000	23.00000	-3.00000	-0.023144	-3.3442	-363.00E-6	-0.063032	0.0	
	20.00000	23.00000	-3.00000	-0.022129	-3.3442	-364.04E-6	-0.062134	0.0	
	21.00000	23.00000	-3.00000	-0.020840	-3.3442	-360.30E-6	-0.060810	0.0	
	22.00000	23.00000	-3.00000	-0.019326	-3.3442	-351.98E-6	-0.059105	0.0	
	23.00000	23.00000	-3.00000	-0.017643	-3.3442	-339.52E-6	-0.057074	0.0	
	24.00000	23.00000	-3.00000	-0.015848	-3.3442	-323.54E-6	-0.054778	0.0	
	25.00000	23.00000	-3.00000	-0.013993	-3.3442	-304.82E-6	-0.052279	0.0	
	26.00000	23.00000	-3.00000	-0.012129	-3.3442	-284.16E-6	-0.049641	0.0	
	27.00000	23.00000	-3.00000	-0.010300	-3.3442	-262.36E-6	-0.046923	0.0	
	28.00000	23.00000	-3.00000	-0.0085399	-3.3442	-240.14E-6	-0.044176	0.0	
	29.00000	23.00000	-3.00000	-0.0068775	-3.3442	-218.13E-6	-0.041446	0.0	
	30.00000	23.00000	-3.00000	-0.0053325	-3.3442	-196.82E-6	-0.038770	0.0	
	31.00000	23.00000	-3.00000	-0.0039178	-3.3442	-176.58E-6	-0.036177	0.0	
	32.00000	23.00000	-3.00000	-0.0026402	-3.3442	-157.67E-6	-0.033689	0.0	
	33.00000	23.00000	-3.00000	-0.0015012	-3.3442	-140.23E-6	-0.031323	0.0	
	34.00000	23.00000	-3.00000	-498.23E-6	-3.3442	-124.32E-6	-0.029087	0.0	
	35.00000	23.00000	-3.00000	374.33E-6	-3.3442	-109.95E-6	-0.026986	0.0	
	36.00000	23.00000	-3.00000	0.0011243	-3.3442	-97.052E-6	-0.025022	0.0	
	37.00000	23.00000	-3.00000	0.0017609	-3.3442	-85.559E-6	-0.023194	0.0	
	38.00000	23.00000	-3.00000	0.0022940	-3.3442	-75.366E-6	-0.021496	0.0	
	39.00000	23.00000	-3.00000	0.0027340	-3.3442	-66.360E-6	-0.019925	0.0	
	40.00000	23.00000	-3.00000	0.0030909	-3.3442	-58.428E-6	-0.018473	0.0	
	41.00000	23.00000	-3.00000	0.0033744	-3.3442	-51.459E-6	-0.017134	0.0	
	42.00000	23.00000	-3.00000	0.0035938	-3.3442	-45.345E-6	-0.015900	0.0	
	43.00000	23.00000	-3.00000	0.0037574	-3.3442	-39.988E-6	-0.014764	0.0	
	44.00000	23.00000	-3.00000	0.0038731	-3.3442	-35.298E-6	-0.013719	0.0	
	45.00000	23.00000	-3.00000	0.0039479	-3.3442	-31.191E-6	-0.012758	0.0	
	-10.00000	24.00000	-3.00000	0.0039747	-3.3442	-16.765E-6	-0.011976	0.0	
	-9.00000	24.00000	-3.00000	0.0038627	-3.3442	-18.794E-6	-0.012845	0.0	
	-8.00000	24.00000	-3.00000	0.0037049	-3.3442	-21.096E-6	-0.013786	0.0	
	-7.00000	24.00000	-3.00000	0.0034945	-3.3442	-23.709E-6	-0.014804	0.0	
	-6.00000	24.00000	-3.00000	0.0032243	-3.3442	-26.677E-6	-0.015904	0.0	
	-5.00000	24.00000	-3.00000	0.0028866	-3.3442	-30.048E-6	-0.017093	0.0	
	-4.00000	24.00000	-3.00000	0.0024734	-3.3442	-33.876E-6	-0.018375	0.0	
	-3.00000	24.00000	-3.00000	0.0019769	-3.3442	-38.220E-6	-0.019755	0.0	
	-2.00000	24.00000	-3.00000	0.0013898	-3.3442	-43.147E-6	-0.021236	0.0	
	-1.00000	24.00000	-3.00000	705.25E-6	-3.3442	-48.726E-6	-0.022823	0.0	
	0.00000	24.00000	-3.00000	-82.146E-6	-3.3442	-55.031E-6	-0.024517	0.0	
	1.00000	24.00000	-3.00000	-975.94E-6	-3.3442	-62.138E-6	-0.026316	0.0	
	2.00000	24.00000	-3.00000	-0.0019771	-3.3442	-70.125E-6	-0.028220	0.0	
	3.00000	24.00000	-3.00000	-0.0030833	-3.3442	-79.063E-6	-0.030220	0.0	
	4.00000	24.00000	-3.00000	-0.0042881	-3.3442	-89.014E-6	-0.032309	0.0	
	5.00000	24.00000	-3.00000	-0.0055804	-3.3442	-100.03E-6	-0.034471	0.0	
	6.00000	24.00000	-3.00000	-0.0069437	-3.3442	-112.12E-6	-0.036688	0.0	
	7.00000	24.00000	-3.00000	-0.0083556	-3.3442	-125.29E-6	-0.038936	0.0	
	8.00000	24.00000	-3.00000	-0.0097883	-3.3442	-139.48E-6	-0.041184	0.0	
	9.00000	24.00000	-3.00000	-0.011209	-3.3442	-154.56E-6	-0.043397	0.0	
	10.00000	24.00000	-3.00000	-0.012579	-3.3442	-170.38E-6	-0.045534	0.0	
	11.00000	24.00000	-3.00000	-0.013860	-3.3442	-186.66E-6	-0.047552	0.0	
	12.00000	24.00000	-3.00000	-0.015009	-3.3442	-203.08E-6	-0.049404	0.0	
	13.00000	24.00000	-3.00000	-0.015986	-3.3442	-219.23E-6	-0.051043	0.0	
	14.00000	24.00000	-3.00000	-0.016757	-3.3442	-234.62E-6	-0.052423	0.0	
	15.00000	24.00000	-3.00000	-0.017292	-3.3442	-248.74E-6	-0.053506	0.0	
	16.00000	24.00000	-3.00000	-0.017569	-3.3442	-261.05E-6	-0.054256	0.0	
	17.00000	24.00000	-3.00000	-0.017578	-3.3442	-271.02E-6	-0.054651	0.0	
	18.00000	24.00000	-3.00000	-0.017319	-3.3442	-278.22E-6	-0.054676	0.0	
	19.00000	24.00000	-3.00000	-0.016803	-3.3442	-282.29E-6	-0.054332	0.0	
	20.00000	24.00000	-3.00000	-0.016051	-3.3442	-283.04E-6	-0.053629	0.0	
	21.00000	24.00000	-3.00000	-0.015092	-3.3442	-280.43E-6	-0.052589	0.0	
	22.00000	24.00000	-3.00000	-0.013962	-3.3442	-274.58E-6	-0.051245	0.0	
	23.00000	24.00000	-3.00000	-0.012701	-3.3442	-265.77E-6	-0.049637	0.0	
	24.00000	24.00000	-3.00000	-0.011348	-3.3442	-254.43E-6	-0.047809	0.0	
	25.00000	24.00000	-3.00000	-0.0099449	-3.3442	-241.03E-6	-0.045808	0.0	
	26.00000	24.00000	-3.00000	-0.0085271	-3.3442	-226.12E-6	-0.043682	0.0	
	27.00000	24.00000	-3.00000	-0.0071279	-3.3442	-210.23E-6	-0.041475	0.0	
	28.00000	24.00000	-3.00000	-0.0057749	-3.3442	-193.88E-6	-0.039228	0.0	
	29.00000	24.00000	-3.00000	-0.0044900	-3.3442	-177.50E-6	-0.036978	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 [-]	
	30.00000	24.00000	-3.00000	-0.0032897	-3.3442	-161.46E-6	-0.034756	0.0	
	31.00000	24.00000	-3.00000	-0.0021854	-3.3442	-146.05E-6	-0.032585	0.0	
	32.00000	24.00000	-3.00000	-0.0011837	-3.3442	-131.48E-6	-0.030487	0.0	
	33.00000	24.00000	-3.00000	-287.12E-6	-3.3442	-117.88E-6	-0.028475	0.0	
	34.00000	24.00000	-3.00000	505.00E-6	-3.3442	-105.34E-6	-0.026560	0.0	
	35.00000	24.00000	-3.00000	0.0011958	-3.3442	-93.886E-6	-0.024748	0.0	
	36.00000	24.00000	-3.00000	0.0017905	-3.3442	-83.498E-6	-0.023042	0.0	
	37.00000	24.00000	-3.00000	0.0022954	-3.3442	-74.142E-6	-0.021443	0.0	
	38.00000	24.00000	-3.00000	0.0027177	-3.3442	-65.761E-6	-0.019949	0.0	
	39.00000	24.00000	-3.00000	0.0030650	-3.3442	-58.286E-6	-0.018558	0.0	
	40.00000	24.00000	-3.00000	0.0033448	-3.3442	-51.643E-6	-0.017264	0.0	
	41.00000	24.00000	-3.00000	0.0035648	-3.3442	-45.755E-6	-0.016065	0.0	
	42.00000	24.00000	-3.00000	0.0037321	-3.3442	-40.548E-6	-0.014954	0.0	
	43.00000	24.00000	-3.00000	0.0038533	-3.3442	-35.949E-6	-0.013926	0.0	
	44.00000	24.00000	-3.00000	0.0039347	-3.3442	-31.894E-6	-0.012976	0.0	
	45.00000	24.00000	-3.00000	0.0039819	-3.3442	-28.319E-6	-0.012098	0.0	
	-10.00000	25.00000	-3.00000	0.0040353	-3.3442	-15.481E-6	-0.011352	0.0	
	-9.00000	25.00000	-3.00000	0.0039585	-3.3442	-17.291E-6	-0.012145	0.0	
	-8.00000	25.00000	-3.00000	0.0038440	-3.3442	-19.334E-6	-0.013000	0.0	
	-7.00000	25.00000	-3.00000	0.0036864	-3.3442	-21.640E-6	-0.013921	0.0	
	-6.00000	25.00000	-3.00000	0.0034801	-3.3442	-24.244E-6	-0.014912	0.0	
	-5.00000	25.00000	-3.00000	0.0032190	-3.3442	-27.182E-6	-0.015976	0.0	
	-4.00000	25.00000	-3.00000	0.0028974	-3.3442	-30.497E-6	-0.017119	0.0	
	-3.00000	25.00000	-3.00000	0.0025094	-3.3442	-34.233E-6	-0.018341	0.0	
	-2.00000	25.00000	-3.00000	0.0020496	-3.3442	-38.439E-6	-0.019646	0.0	
	-1.00000	25.00000	-3.00000	0.0015133	-3.3442	-43.164E-6	-0.021036	0.0	
	0.00000	25.00000	-3.00000	897.12E-6	-3.3442	-48.462E-6	-0.022510	0.0	
	1.00000	25.00000	-3.00000	199.06E-6	-3.3442	-54.384E-6	-0.024066	0.0	
	2.00000	25.00000	-3.00000	-580.71E-6	-3.3442	-60.979E-6	-0.025700	0.0	
	3.00000	25.00000	-3.00000	-0.0014394	-3.3442	-68.292E-6	-0.027407	0.0	
	4.00000	25.00000	-3.00000	-0.0023712	-3.3442	-76.357E-6	-0.029176	0.0	
	5.00000	25.00000	-3.00000	-0.0033665	-3.3442	-85.194E-6	-0.030995	0.0	
	6.00000	25.00000	-3.00000	-0.0044120	-3.3442	-94.803E-6	-0.032846	0.0	
	7.00000	25.00000	-3.00000	-0.0054902	-3.3442	-105.16E-6	-0.034711	0.0	
	8.00000	25.00000	-3.00000	-0.0065796	-3.3442	-116.20E-6	-0.036562	0.0	
	9.00000	25.00000	-3.00000	-0.0076552	-3.3442	-127.82E-6	-0.038374	0.0	
	10.00000	25.00000	-3.00000	-0.0086892	-3.3442	-139.88E-6	-0.040112	0.0	
	11.00000	25.00000	-3.00000	-0.0096519	-3.3442	-152.17E-6	-0.041744	0.0	
	12.00000	25.00000	-3.00000	-0.010513	-3.3442	-164.45E-6	-0.043234	0.0	
	13.00000	25.00000	-3.00000	-0.011245	-3.3442	-176.42E-6	-0.044546	0.0	
	14.00000	25.00000	-3.00000	-0.011821	-3.3442	-187.73E-6	-0.045647	0.0	
	15.00000	25.00000	-3.00000	-0.012220	-3.3442	-198.03E-6	-0.046508	0.0	
	16.00000	25.00000	-3.00000	-0.012428	-3.3442	-206.95E-6	-0.047103	0.0	
	17.00000	25.00000	-3.00000	-0.012437	-3.3442	-214.14E-6	-0.047416	0.0	
	18.00000	25.00000	-3.00000	-0.012247	-3.3442	-219.31E-6	-0.047436	0.0	
	19.00000	25.00000	-3.00000	-0.011866	-3.3442	-222.24E-6	-0.047164	0.0	
	20.00000	25.00000	-3.00000	-0.011308	-3.3442	-222.78E-6	-0.046607	0.0	
	21.00000	25.00000	-3.00000	-0.010594	-3.3442	-220.92E-6	-0.045782	0.0	
	22.00000	25.00000	-3.00000	-0.0097497	-3.3442	-216.74E-6	-0.044711	0.0	
	23.00000	25.00000	-3.00000	-0.0088036	-3.3442	-210.42E-6	-0.043425	0.0	
	24.00000	25.00000	-3.00000	-0.0077852	-3.3442	-202.23E-6	-0.041956	0.0	
	25.00000	25.00000	-3.00000	-0.0067238	-3.3442	-192.50E-6	-0.040340	0.0	
	26.00000	25.00000	-3.00000	-0.0056468	-3.3442	-181.59E-6	-0.038613	0.0	
	27.00000	25.00000	-3.00000	-0.0045791	-3.3442	-169.88E-6	-0.036809	0.0	
	28.00000	25.00000	-3.00000	-0.0035418	-3.3442	-157.70E-6	-0.034960	0.0	
	29.00000	25.00000	-3.00000	-0.0025524	-3.3442	-145.39E-6	-0.033095	0.0	
	30.00000	25.00000	-3.00000	-0.0016242	-3.3442	-133.21E-6	-0.031240	0.0	
	31.00000	25.00000	-3.00000	-766.92E-6	-3.3442	-121.38E-6	-0.029416	0.0	
	32.00000	25.00000	-3.00000	13.521E-6	-3.3442	-110.09E-6	-0.027640	0.0	
	33.00000	25.00000	-3.00000	714.09E-6	-3.3442	-99.438E-6	-0.025925	0.0	
	34.00000	25.00000	-3.00000	0.0013344	-3.3442	-89.511E-6	-0.024281	0.0	
	35.00000	25.00000	-3.00000	0.0018761	-3.3442	-80.347E-6	-0.022716	0.0	
	36.00000	25.00000	-3.00000	0.0023424	-3.3442	-71.956E-6	-0.021232	0.0	
	37.00000	25.00000	-3.00000	0.0027377	-3.3442	-64.325E-6	-0.019832	0.0	
	38.00000	25.00000	-3.00000	0.0030671	-3.3442	-57.425E-6	-0.018516	0.0	
	39.00000	25.00000	-3.00000	0.0033363	-3.3442	-51.216E-6	-0.017284	0.0	
	40.00000	25.00000	-3.00000	0.0035510	-3.3442	-45.650E-6	-0.016132	0.0	
	41.00000	25.00000	-3.00000	0.0037170	-3.3442	-40.676E-6	-0.015058	0.0	
	42.00000	25.00000	-3.00000	0.0038398	-3.3442	-36.242E-6	-0.014058	0.0	
	43.00000	25.00000	-3.00000	0.0039247	-3.3442	-32.298E-6	-0.013129	0.0	
	44.00000	25.00000	-3.00000	0.0039766	-3.3442	-28.795E-6	-0.012266	0.0	
	45.00000	25.00000	-3.00000	0.0040001	-3.3442	-25.686E-6	-0.011465	0.0	
	-10.00000	26.00000	-3.00000	0.0040738	-3.3442	-14.280E-6	-0.010755	0.0	
	-9.00000	26.00000	-3.00000	0.0040268	-3.3442	-15.892E-6	-0.011478	0.0	
	-8.00000	26.00000	-3.00000	0.0039489	-3.3442	-17.703E-6	-0.012255	0.0	
	-7.00000	26.00000	-3.00000	0.0038358	-3.3442	-19.735E-6	-0.013087	0.0	
	-6.00000	26.00000	-3.00000	0.0036830	-3.3442	-22.016E-6	-0.013979	0.0	
	-5.00000	26.00000	-3.00000	0.0034861	-3.3442	-24.576E-6	-0.014933	0.0	
	-4.00000	26.00000	-3.00000	0.0032406	-3.3442	-27.444E-6	-0.015950	0.0	
	-3.00000	26.00000	-3.00000	0.0029421	-3.3442	-30.656E-6	-0.017034	0.0	
	-2.00000	26.00000	-3.00000	0.0025868	-3.3442	-34.246E-6	-0.018185	0.0	
	-1.00000	26.00000	-3.00000	0.0021716	-3.3442	-38.250E-6	-0.019403	0.0	
	0.00000	26.00000	-3.00000	0.0016942	-3.3442	-42.704E-6	-0.020687	0.0	
	1.00000	26.00000	-3.00000	0.0011536	-3.3442	-47.643E-6	-0.022035	0.0	
	2.00000	26.00000	-3.00000	550.75E-6	-3.3442	-53.098E-6	-0.023442	0.0	
	3.00000	26.00000	-3.00000	-111.66E-6	-3.3442	-59.095E-6	-0.024902	0.0	
	4.00000	26.00000	-3.00000	-828.42E-6	-3.3442	-65.650E-6	-0.026406	0.0	
	5.00000	26.00000	-3.00000	-0.0015917	-3.3442	-72.768E-6	-0.027942	0.0	
	6.00000	26.00000	-3.00000	-0.0023907	-3.3442	-80.437E-6	-0.029496	0.0	
	7.00000	26.00000	-3.00000	-0.0032118	-3.3442	-88.623E-6	-0.031050	0.0	
	8.00000	26.00000	-3.00000	-0.0040386	-3.3442	-97.269E-6	-0.032585	0.0	
	9.00000	26.00000	-3.00000	-0.0048522	-3.3442	-106.29E-6	-0.034077	0.0	
	10.00000	26.00000	-3.00000	-0.0056319	-3.3442	-115.56E-6	-0.035502	0.0	
	11.00000	26.00000	-3.00000	-0.0063558	-3.3442	-124.92E-6	-0.036832	0.0	
	12.00000	26.00000	-3.00000	-0.0070020	-3.3442	-134.20E-6	-0.038041	0.0	
	13.00000	26.00000	-3.00000	-0.0075499	-3.3442	-143.16E-6	-0.039101	0.0	
	14.00000	26.00000	-3.00000	-0.0079809	-3.3442	-151.58E-6	-0.039987	0.0	
	15.00000	26.00000	-3.00000	-0.0082800	-3.3442	-159.19E-6	-0.040678	0.0	
	16.00000	26.00000	-3.00000	-0.0084366	-3.3442	-165.75E-6	-0.041156	0.0	
	17.00000	26.00000	-3.00000	-0.0084451	-3.3442	-171.01E-6	-0.041406	0.0	
	18.00000	26.00000	-3.00000	-0.0083054	-3.3442	-174.78E-6	-0.041423	0.0	
	19.00000	26.00000	-3.00000	-0.0080231	-3.3442	-176.91E-6	-0.041205	0.0	
	20.00000	26.00000	-3.00000	-0.0076087	-3.3442	-177.31E-6	-0.040760	0.0	
	21.00000	26.00000	-3.00000	-0.0070769	-3.3442	-175.97E-6	-0.040098	0.0	
	22.00000	26.00000	-3.00000	-0.0064462	-3.3442	-172.93E-6	-0.039237	0.0	
	23.00000	26.00000	-3.00000	-0.0057370	-3.3442	-168.33E-6	-0.038199	0.0	
	24.00000	26.00000	-3.00000	-0.0049708	-3.3442	-162.33E-6	-0.037008	0.0	
	25.00000	26.00000	-3.00000	-0.0041694	-3.3442	-155.17E-6	-0.035693	0.0	
	26.00000	26.00000	-3.00000	-0.0033531	-3.3442	-147.09E-6	-0.034279	0.0	
	27.00000	26.00000	-3.00000	-0.0025407	-3.3442	-138.35E-6	-0.032793	0.0	
	28.00000	26.00000	-3.00000	-0.0017485	-3.3442	-129.19E-6	-0.031262	0.0	
	29.00000	26.00000	-3.00000	-990.14E-6	-3.3442	-119.84E-6	-0.029709	0.0	
	30.00000	26.00000	-3.00000	-276.32E-6	-3.3442	-110.52E-6	-0.028154	0.0	
	31.00000	26.00000	-3.00000	385.00E-6	-3.3442	-101.38E-6	-0.026614	0.0	
	32.00000	26.00000	-3.00000	988.50E-6	-3.3442	-92.564E-6	-0.025106	0.0	
	33.00000	26.00000	-3.00000	0.0015312	-3.3442	-84.175E-6	-0.023640	0.0	
	34.00000	26.00000	-3.00000	0.0020121	-3.3442	-76.281E-6	-0.022226	0.0	
	35.00000	26.00000	-3.00000	0.0024320	-3.3442	-68.925E-6	-0.020870	0.0	
	36.00000	26.00000	-3.00000	0.0027927	-3.3442	-62.126E-6	-0.019578	0.0	
	37.00000	26.00000	-3.00000	0.0030974	-3.3442	-55.888E-6	-0.018351	0.0	
	38.00000	26.00000	-3.00000	0.0033497	-3.3442	-50.198E-6	-0.017192	0.0	
	39.00000	26.00000	-3.00000	0.0035536	-3.3442	-45.033E-6	-0.016100	0.0	
	40.00000	26.00000	-3.00000	0.0037136	-3.3442	-40.367E-6	-0.015074	0.0	
	41.00000	26.00000	-3.00000	0.0038340	-3.3442	-36.164E-6	-0.014112	0.0	
	42.00000	26.00000	-3.00000	0.0039191	-3.3442	-32.390E-6	-0.013213	0.0	
	43.00000	26.00000	-3.00000	0.0039731	-3.3442	-29.008E-6	-0.012373	0.0	
	44.00000	26.00000	-3.00000	0.0040001	-3.3442	-25.984E-6	-0.011589	0.0	
	45.00000	26.00000	-3.00000	0.0040035	-3.3442	-23.283E-6	-0.010859	0.0	
	-10.00000	27.00000	-3.00000	0.0040922	-3.3442	-13.160E-6	-0.010186	0.0	
	-9.00000	27.00000	-3.00000	0.0040702	-3.3442	-14.594E-6	-0.010845	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 [-]	
	-8.00000	27.00000	-3.00000	0.0040228	-3.3442	-16.197E-6	-0.011550	0.0	
	-7.00000	27.00000	-3.00000	0.0039468	-3.3442	-17.986E-6	-0.012302	0.0	
	-6.00000	27.00000	-3.00000	0.0038387	-3.3442	-19.984E-6	-0.013105	0.0	
	-5.00000	27.00000	-3.00000	0.0036949	-3.3442	-22.211E-6	-0.013959	0.0	
	-4.00000	27.00000	-3.00000	0.0035122	-3.3442	-24.693E-6	-0.014866	0.0	
	-3.00000	27.00000	-3.00000	0.0032872	-3.3442	-27.454E-6	-0.015827	0.0	
	-2.00000	27.00000	-3.00000	0.0030174	-3.3442	-30.518E-6	-0.016843	0.0	
	-1.00000	27.00000	-3.00000	0.0027004	-3.3442	-33.913E-6	-0.017912	0.0	
	0.00000	27.00000	-3.00000	0.0023350	-3.3442	-37.662E-6	-0.019033	0.0	
	1.00000	27.00000	-3.00000	0.0019207	-3.3442	-41.787E-6	-0.020203	0.0	
	2.00000	27.00000	-3.00000	0.0014588	-3.3442	-46.308E-6	-0.021417	0.0	
	3.00000	27.00000	-3.00000	951.74E-6	-3.3442	-51.238E-6	-0.022670	0.0	
	4.00000	27.00000	-3.00000	403.96E-6	-3.3442	-56.583E-6	-0.023952	0.0	
	5.00000	27.00000	-3.00000	-178.10E-6	-3.3442	-62.337E-6	-0.025255	0.0	
	6.00000	27.00000	-3.00000	-785.95E-6	-3.3442	-68.484E-6	-0.026565	0.0	
	7.00000	27.00000	-3.00000	-0.0014090	-3.3442	-74.990E-6	-0.027867	0.0	
	8.00000	27.00000	-3.00000	-0.0020346	-3.3442	-81.802E-6	-0.029147	0.0	
	9.00000	27.00000	-3.00000	-0.0026487	-3.3442	-88.847E-6	-0.030384	0.0	
	10.00000	27.00000	-3.00000	-0.0032356	-3.3442	-96.029E-6	-0.031559	0.0	
	11.00000	27.00000	-3.00000	-0.0037794	-3.3442	-103.23E-6	-0.032652	0.0	
	12.00000	27.00000	-3.00000	-0.0042639	-3.3442	-110.30E-6	-0.033640	0.0	
	13.00000	27.00000	-3.00000	-0.0046742	-3.3442	-117.09E-6	-0.034504	0.0	
	14.00000	27.00000	-3.00000	-0.0049969	-3.3442	-123.42E-6	-0.035224	0.0	
	15.00000	27.00000	-3.00000	-0.0052210	-3.3442	-129.12E-6	-0.035784	0.0	
	16.00000	27.00000	-3.00000	-0.0053390	-3.3442	-134.00E-6	-0.036170	0.0	
	17.00000	27.00000	-3.00000	-0.0053468	-3.3442	-137.90E-6	-0.036372	0.0	
	18.00000	27.00000	-3.00000	-0.0052444	-3.3442	-140.69E-6	-0.036386	0.0	
	19.00000	27.00000	-3.00000	-0.0050356	-3.3442	-142.26E-6	-0.036211	0.0	
	20.00000	27.00000	-3.00000	-0.0047280	-3.3442	-142.56E-6	-0.035850	0.0	
	21.00000	27.00000	-3.00000	-0.0043322	-3.3442	-141.58E-6	-0.035315	0.0	
	22.00000	27.00000	-3.00000	-0.0038614	-3.3442	-139.34E-6	-0.034616	0.0	
	23.00000	27.00000	-3.00000	-0.0033305	-3.3442	-135.94E-6	-0.033771	0.0	
	24.00000	27.00000	-3.00000	-0.0027554	-3.3442	-131.49E-6	-0.032799	0.0	
	25.00000	27.00000	-3.00000	-0.0021518	-3.3442	-126.16E-6	-0.031719	0.0	
	26.00000	27.00000	-3.00000	-0.0015352	-3.3442	-120.10E-6	-0.030554	0.0	
	27.00000	27.00000	-3.00000	-919.59E-6	-3.3442	-113.50E-6	-0.029324	0.0	
	28.00000	27.00000	-3.00000	317.54E-6	-3.3442	-106.54E-6	-0.028049	0.0	
	29.00000	27.00000	-3.00000	260.38E-6	-3.3442	-99.385E-6	-0.026748	0.0	
	30.00000	27.00000	-3.00000	805.65E-6	-3.3442	-92.187E-6	-0.025437	0.0	
	31.00000	27.00000	-3.00000	0.0013118	-3.3442	-85.074E-6	-0.024133	0.0	
	32.00000	27.00000	-3.00000	0.0017742	-3.3442	-78.153E-6	-0.022847	0.0	
	33.00000	27.00000	-3.00000	0.0021902	-3.3442	-71.509E-6	-0.021590	0.0	
	34.00000	27.00000	-3.00000	0.0025586	-3.3442	-65.202E-6	-0.020371	0.0	
	35.00000	27.00000	-3.00000	0.0028794	-3.3442	-59.274E-6	-0.019195	0.0	
	36.00000	27.00000	-3.00000	0.0031539	-3.3442	-53.749E-6	-0.018068	0.0	
	37.00000	27.00000	-3.00000	0.0033841	-3.3442	-48.636E-6	-0.016992	0.0	
	38.00000	27.00000	-3.00000	0.0035726	-3.3442	-43.934E-6	-0.015969	0.0	
	39.00000	27.00000	-3.00000	0.0037223	-3.3442	-39.633E-6	-0.015001	0.0	
	40.00000	27.00000	-3.00000	0.0038367	-3.3442	-35.716E-6	-0.014087	0.0	
	41.00000	27.00000	-3.00000	0.0039190	-3.3442	-32.162E-6	-0.013226	0.0	
	42.00000	27.00000	-3.00000	0.0039725	-3.3442	-28.948E-6	-0.012417	0.0	
	43.00000	27.00000	-3.00000	0.0040007	-3.3442	-26.049E-6	-0.011658	0.0	
	44.00000	27.00000	-3.00000	0.0040066	-3.3442	-23.440E-6	-0.010947	0.0	
	45.00000	27.00000	-3.00000	0.0039931	-3.3442	-21.095E-6	-0.010281	0.0	
	-10.00000	28.00000	-3.00000	0.0040924	-3.3442	-12.119E-6	-0.0096434	0.0	
	-9.00000	28.00000	-3.00000	0.0040910	-3.3442	-13.393E-6	-0.010244	0.0	
	-8.00000	28.00000	-3.00000	0.0040690	-3.3442	-14.810E-6	-0.010884	0.0	
	-7.00000	28.00000	-3.00000	0.0040237	-3.3442	-16.385E-6	-0.011564	0.0	
	-6.00000	28.00000	-3.00000	0.0039524	-3.3442	-18.133E-6	-0.012286	0.0	
	-5.00000	28.00000	-3.00000	0.0038524	-3.3442	-20.071E-6	-0.013051	0.0	
	-4.00000	28.00000	-3.00000	0.0037211	-3.3442	-22.218E-6	-0.013861	0.0	
	-3.00000	28.00000	-3.00000	0.0035562	-3.3442	-24.591E-6	-0.014714	0.0	
	-2.00000	28.00000	-3.00000	0.0033557	-3.3442	-27.209E-6	-0.015611	0.0	
	-1.00000	28.00000	-3.00000	0.0031181	-3.3442	-30.089E-6	-0.016551	0.0	
	0.00000	28.00000	-3.00000	0.0028427	-3.3442	-33.248E-6	-0.017531	0.0	
	1.00000	28.00000	-3.00000	0.0025294	-3.3442	-36.700E-6	-0.018549	0.0	
	2.00000	28.00000	-3.00000	0.0021794	-3.3442	-40.455E-6	-0.019599	0.0	
	3.00000	28.00000	-3.00000	0.0017950	-3.3442	-44.518E-6	-0.020677	0.0	
	4.00000	28.00000	-3.00000	0.0013799	-3.3442	-48.890E-6	-0.021775	0.0	
	5.00000	28.00000	-3.00000	939.14E-6	-3.3442	-53.560E-6	-0.022883	0.0	
	6.00000	28.00000	-3.00000	479.52E-6	-3.3442	-58.510E-6	-0.023992	0.0	
	7.00000	28.00000	-3.00000	9.2326E-6	-3.3442	-63.707E-6	-0.025090	0.0	
	8.00000	28.00000	-3.00000	-462.16E-6	-3.3442	-69.107E-6	-0.026162	0.0	
	9.00000	28.00000	-3.00000	-923.93E-6	-3.3442	-74.648E-6	-0.027194	0.0	
	10.00000	28.00000	-3.00000	-0.0013645	-3.3442	-80.254E-6	-0.028170	0.0	
	11.00000	28.00000	-3.00000	-0.0017721	-3.3442	-85.833E-6	-0.029073	0.0	
	12.00000	28.00000	-3.00000	-0.0021348	-3.3442	-91.278E-6	-0.029887	0.0	
	13.00000	28.00000	-3.00000	-0.0024416	-3.3442	-96.471E-6	-0.030597	0.0	
	14.00000	28.00000	-3.00000	-0.0026830	-3.3442	-101.28E-6	-0.031186	0.0	
	15.00000	28.00000	-3.00000	-0.0028508	-3.3442	-105.59E-6	-0.031644	0.0	
	16.00000	28.00000	-3.00000	-0.0029398	-3.3442	-109.27E-6	-0.031959	0.0	
	17.00000	28.00000	-3.00000	-0.0029468	-3.3442	-112.20E-6	-0.032124	0.0	
	18.00000	28.00000	-3.00000	-0.0028720	-3.3442	-114.28E-6	-0.032135	0.0	
	19.00000	28.00000	-3.00000	-0.0027179	-3.3442	-115.46E-6	-0.031992	0.0	
	20.00000	28.00000	-3.00000	-0.0024900	-3.3442	-115.69E-6	-0.031699	0.0	
	21.00000	28.00000	-3.00000	-0.0021960	-3.3442	-114.96E-6	-0.031262	0.0	
	22.00000	28.00000	-3.00000	-0.0018455	-3.3442	-113.29E-6	-0.030690	0.0	
	23.00000	28.00000	-3.00000	-0.0014493	-3.3442	-110.74E-6	-0.029997	0.0	
	24.00000	28.00000	-3.00000	-0.0010190	-3.3442	-107.41E-6	-0.029197	0.0	
	25.00000	28.00000	-3.00000	-566.28E-6	-3.3442	-103.38E-6	-0.028305	0.0	
	26.00000	28.00000	-3.00000	-102.69E-6	-3.3442	-98.793E-6	-0.027338	0.0	
	27.00000	28.00000	-3.00000	361.16E-6	-3.3442	-93.764E-6	-0.026313	0.0	
	28.00000	28.00000	-3.00000	815.76E-6	-3.3442	-88.425E-6	-0.025245	0.0	
	29.00000	28.00000	-3.00000	0.0012529	-3.3442	-82.899E-6	-0.024150	0.0	
	30.00000	28.00000	-3.00000	0.0016658	-3.3442	-77.299E-6	-0.023041	0.0	
	31.00000	28.00000	-3.00000	0.0020494	-3.3442	-71.723E-6	-0.021932	0.0	
	32.00000	28.00000	-3.00000	0.0023997	-3.3442	-66.257E-6	-0.020832	0.0	
	33.00000	28.00000	-3.00000	0.0027144	-3.3442	-60.966E-6	-0.019751	0.0	
	34.00000	28.00000	-3.00000	0.0029922	-3.3442	-55.904E-6	-0.018697	0.0	
	35.00000	28.00000	-3.00000	0.0032330	-3.3442	-51.107E-6	-0.017675	0.0	
	36.00000	28.00000	-3.00000	0.0034373	-3.3442	-46.601E-6	-0.016689	0.0	
	37.00000	28.00000	-3.00000	0.0036067	-3.3442	-42.399E-6	-0.015744	0.0	
	38.00000	28.00000	-3.00000	0.0037428	-3.3442	-38.506E-6	-0.014842	0.0	
	39.00000	28.00000	-3.00000	0.0038479	-3.3442	-34.917E-6	-0.013982	0.0	
	40.00000	28.00000	-3.00000	0.0039246	-3.3442	-31.626E-6	-0.013167	0.0	
	41.00000	28.00000	-3.00000	0.0039753	-3.3442	-28.618E-6	-0.012396	0.0	
	42.00000	28.00000	-3.00000	0.0040027	-3.3442	-25.880E-6	-0.011668	0.0	
	43.00000	28.00000	-3.00000	0.0040093	-3.3442	-23.394E-6	-0.010982	0.0	
	44.00000	28.00000	-3.00000	0.0039977	-3.3442	-21.142E-6	-0.010337	0.0	
	45.00000	28.00000	-3.00000	0.0039703	-3.3442	-19.107E-6	-0.0097317	0.0	
	-10.00000	29.00000	-3.00000	0.0040762	-3.3442	-11.153E-6	-0.0091284	0.0	
	-9.00000	29.00000	-3.00000	0.0040919	-3.3442	-12.285E-6	-0.0096755	0.0	
	-8.00000	29.00000	-3.00000	0.0040907	-3.3442	-13.537E-6	-0.010256	0.0	
	-7.00000	29.00000	-3.00000	0.0040705	-3.3442	-14.922E-6	-0.010871	0.0	
	-6.00000	29.00000	-3.00000	0.0040293	-3.3442	-16.451E-6	-0.011521	0.0	
	-5.00000	29.00000	-3.00000	0.0039650	-3.3442	-18.138E-6	-0.012207	0.0	
	-4.00000	29.00000	-3.00000	0.0038756	-3.3442	-19.995E-6	-0.012929	0.0	
	-3.00000	29.00000	-3.00000	0.0037594	-3.3442	-22.036E-6	-0.013688	0.0	
	-2.00000	29.00000	-3.00000	0.0036149	-3.3442	-24.274E-6	-0.014481	0.0	
	-1.00000	29.00000	-3.00000	0.0034412	-3.3442	-26.720E-6	-0.015308	0.0	
	0.00000	29.00000	-3.00000	0.0032378	-3.3442	-29.386E-6	-0.016167	0.0	
	1.00000	29.00000	-3.00000	0.0030049	-3.3442	-32.279E-6	-0.017054	0.0	
	2.00000	29.00000	-3.00000	0.0027436	-3.3442	-35.405E-6	-0.017965	0.0	
	3.00000	29.00000	-3.00000	0.0024558	-3.3442	-38.764E-6	-0.018895	0.0	
	4.00000	29.00000	-3.00000	0.0021445	-3.3442	-42.352E-6	-0.019838	0.0	
	5.00000	29.00000	-3.00000	0.0018139	-3.3442	-46.157E-6	-0.020785	0.0	
	6.00000	29.00000	-3.00000	0.0014692	-3.3442	-50.160E-6	-0.021729	0.0	
	7.00000	29.00000	-3.00000	0.0011167	-3.3442	-54.334E-6	-0.022657	0.0	
	8.00000	29.00000	-3.00000	763.68E-6	-3.3442	-58.639E-6	-0.023561	0.0	
	9.00000	29.00000	-3.00000	418.23E-6	-3.3442	-63.025E-6	-0.024426	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 [-]
	10.00000	29.00000	-3.00000	88.964E-6	-3.3442	-67.433E-6	-0.025242	0.0
	11.00000	29.00000	-3.00000	-215.30E-6	-3.3442	-71.791E-6	-0.025993	0.0
	12.00000	29.00000	-3.00000	-485.92E-6	-3.3442	-76.018E-6	-0.026669	0.0
	13.00000	29.00000	-3.00000	-714.81E-6	-3.3442	-80.025E-6	-0.027255	0.0
	14.00000	29.00000	-3.00000	-894.88E-6	-3.3442	-83.722E-6	-0.027742	0.0
	15.00000	29.00000	-3.00000	-0.0010204	-3.3442	-87.014E-6	-0.028119	0.0
	16.00000	29.00000	-3.00000	-0.0010874	-3.3442	-89.811E-6	-0.028378	0.0
	17.00000	29.00000	-3.00000	-0.0010937	-3.3442	-92.035E-6	-0.028513	0.0
	18.00000	29.00000	-3.00000	-0.0010392	-3.3442	-93.618E-6	-0.028523	0.0
	19.00000	29.00000	-3.00000	-925.98E-6	-3.3442	-94.510E-6	-0.028406	0.0
	20.00000	29.00000	-3.00000	-757.83E-6	-3.3442	-94.683E-6	-0.028165	0.0
	21.00000	29.00000	-3.00000	-540.33E-6	-3.3442	-94.132E-6	-0.027805	0.0
	22.00000	29.00000	-3.00000	-280.44E-6	-3.3442	-92.873E-6	-0.027334	0.0
	23.00000	29.00000	-3.00000	13.912E-6	-3.3442	-90.948E-6	-0.026761	0.0
	24.00000	29.00000	-3.00000	334.20E-6	-3.3442	-88.414E-6	-0.026097	0.0
	25.00000	29.00000	-3.00000	671.72E-6	-3.3442	-85.348E-6	-0.025356	0.0
	26.00000	29.00000	-3.00000	0.0010179	-3.3442	-81.834E-6	-0.024549	0.0
	27.00000	29.00000	-3.00000	0.0013648	-3.3442	-77.964E-6	-0.023689	0.0
	28.00000	29.00000	-3.00000	0.0017051	-3.3442	-73.833E-6	-0.022790	0.0
	29.00000	29.00000	-3.00000	0.0020326	-3.3442	-69.530E-6	-0.021864	0.0
	30.00000	29.00000	-3.00000	0.0023418	-3.3442	-65.141E-6	-0.020922	0.0
	31.00000	29.00000	-3.00000	0.0026287	-3.3442	-60.741E-6	-0.019975	0.0
	32.00000	29.00000	-3.00000	0.0028902	-3.3442	-56.397E-6	-0.019031	0.0
	33.00000	29.00000	-3.00000	0.0031242	-3.3442	-52.161E-6	-0.018099	0.0
	34.00000	29.00000	-3.00000	0.0033295	-3.3442	-48.079E-6	-0.017185	0.0
	35.00000	29.00000	-3.00000	0.0035059	-3.3442	-44.183E-6	-0.016294	0.0
	36.00000	29.00000	-3.00000	0.0036536	-3.3442	-40.496E-6	-0.015432	0.0
	37.00000	29.00000	-3.00000	0.0037735	-3.3442	-37.032E-6	-0.014600	0.0
	38.00000	29.00000	-3.00000	0.0038669	-3.3442	-33.800E-6	-0.013802	0.0
	39.00000	29.00000	-3.00000	0.0039356	-3.3442	-30.801E-6	-0.013039	0.0
	40.00000	29.00000	-3.00000	0.0039813	-3.3442	-28.030E-6	-0.012312	0.0
	41.00000	29.00000	-3.00000	0.0040061	-3.3442	-25.483E-6	-0.011621	0.0
	42.00000	29.00000	-3.00000	0.0040120	-3.3442	-23.148E-6	-0.010966	0.0
	43.00000	29.00000	-3.00000	0.0040009	-3.3442	-21.015E-6	-0.010346	0.0
	44.00000	29.00000	-3.00000	0.0039750	-3.3442	-19.072E-6	-0.0097613	0.0
	45.00000	29.00000	-3.00000	0.0039362	-3.3442	-17.304E-6	-0.0092097	0.0
	-10.00000	30.00000	-3.00000	0.0040457	-3.3442	-10.259E-6	-0.0086401	0.0
	-9.00000	30.00000	-3.00000	0.0040751	-3.3442	-11.264E-6	-0.0091384	0.0
	-8.00000	30.00000	-3.00000	0.0040907	-3.3442	-12.371E-6	-0.0096651	0.0
	-7.00000	30.00000	-3.00000	0.0040909	-3.3442	-13.588E-6	-0.010221	0.0
	-6.00000	30.00000	-3.00000	0.0040741	-3.3442	-14.926E-6	-0.010807	0.0
	-5.00000	30.00000	-3.00000	0.0040387	-3.3442	-16.393E-6	-0.011422	0.0
	-4.00000	30.00000	-3.00000	0.0039832	-3.3442	-18.001E-6	-0.012067	0.0
	-3.00000	30.00000	-3.00000	0.0039062	-3.3442	-19.757E-6	-0.012742	0.0
	-2.00000	30.00000	-3.00000	0.0038068	-3.3442	-21.672E-6	-0.013444	0.0
	-1.00000	30.00000	-3.00000	0.0036841	-3.3442	-23.753E-6	-0.014174	0.0
	0.00000	30.00000	-3.00000	0.0035381	-3.3442	-26.006E-6	-0.014927	0.0
	1.00000	30.00000	-3.00000	0.0033690	-3.3442	-28.436E-6	-0.015702	0.0
	2.00000	30.00000	-3.00000	0.0031776	-3.3442	-31.044E-6	-0.016495	0.0
	3.00000	30.00000	-3.00000	0.0029657	-3.3442	-33.828E-6	-0.017300	0.0
	4.00000	30.00000	-3.00000	0.0027357	-3.3442	-36.783E-6	-0.018112	0.0
	5.00000	30.00000	-3.00000	0.0024908	-3.3442	-39.895E-6	-0.018925	0.0
	6.00000	30.00000	-3.00000	0.0022351	-3.3442	-43.148E-6	-0.019730	0.0
	7.00000	30.00000	-3.00000	0.0019734	-3.3442	-46.516E-6	-0.020520	0.0
	8.00000	30.00000	-3.00000	0.0017112	-3.3442	-49.968E-6	-0.021285	0.0
	9.00000	30.00000	-3.00000	0.0014547	-3.3442	-53.462E-6	-0.022015	0.0
	10.00000	30.00000	-3.00000	0.0012103	-3.3442	-56.952E-6	-0.022700	0.0
	11.00000	30.00000	-3.00000	984.45E-6	-3.3442	-60.381E-6	-0.023329	0.0
	12.00000	30.00000	-3.00000	783.60E-6	-3.3442	-63.689E-6	-0.023893	0.0
	13.00000	30.00000	-3.00000	613.66E-6	-3.3442	-66.809E-6	-0.024381	0.0
	14.00000	30.00000	-3.00000	479.82E-6	-3.3442	-69.674E-6	-0.024786	0.0
	15.00000	30.00000	-3.00000	386.26E-6	-3.3442	-72.214E-6	-0.025098	0.0
	16.00000	30.00000	-3.00000	335.93E-6	-3.3442	-74.366E-6	-0.025312	0.0
	17.00000	30.00000	-3.00000	330.37E-6	-3.3442	-76.072E-6	-0.025425	0.0
	18.00000	30.00000	-3.00000	369.65E-6	-3.3442	-77.283E-6	-0.025433	0.0
	19.00000	30.00000	-3.00000	452.36E-6	-3.3442	-77.966E-6	-0.025336	0.0
	20.00000	30.00000	-3.00000	575.70E-6	-3.3442	-78.100E-6	-0.025136	0.0
	21.00000	30.00000	-3.00000	735.62E-6	-3.3442	-77.680E-6	-0.024838	0.0
	22.00000	30.00000	-3.00000	927.06E-6	-3.3442	-76.720E-6	-0.024447	0.0
	23.00000	30.00000	-3.00000	0.0011442	-3.3442	-75.247E-6	-0.023971	0.0
	24.00000	30.00000	-3.00000	0.0013808	-3.3442	-73.304E-6	-0.023417	0.0
	25.00000	30.00000	-3.00000	0.0016304	-3.3442	-70.944E-6	-0.022797	0.0
	26.00000	30.00000	-3.00000	0.0018866	-3.3442	-68.228E-6	-0.022119	0.0
	27.00000	30.00000	-3.00000	0.0021433	-3.3442	-65.224E-6	-0.021395	0.0
	28.00000	30.00000	-3.00000	0.0023951	-3.3442	-62.001E-6	-0.020634	0.0
	29.00000	30.00000	-3.00000	0.0026372	-3.3442	-58.624E-6	-0.019848	0.0
	30.00000	30.00000	-3.00000	0.0028654	-3.3442	-55.160E-6	-0.019044	0.0
	31.00000	30.00000	-3.00000	0.0030764	-3.3442	-51.666E-6	-0.018232	0.0
	32.00000	30.00000	-3.00000	0.0032677	-3.3442	-48.192E-6	-0.017419	0.0
	33.00000	30.00000	-3.00000	0.0034377	-3.3442	-44.784E-6	-0.016613	0.0
	34.00000	30.00000	-3.00000	0.0035852	-3.3442	-41.478E-6	-0.015818	0.0
	35.00000	30.00000	-3.00000	0.0037100	-3.3442	-38.300E-6	-0.015041	0.0
	36.00000	30.00000	-3.00000	0.0038121	-3.3442	-35.272E-6	-0.014284	0.0
	37.00000	30.00000	-3.00000	0.0038921	-3.3442	-32.409E-6	-0.013551	0.0
	38.00000	30.00000	-3.00000	0.0039511	-3.3442	-29.719E-6	-0.012845	0.0
	39.00000	30.00000	-3.00000	0.0039902	-3.3442	-27.206E-6	-0.012166	0.0
	40.00000	30.00000	-3.00000	0.0040108	-3.3442	-24.871E-6	-0.011517	0.0
	41.00000	30.00000	-3.00000	0.0040145	-3.3442	-22.709E-6	-0.010897	0.0
	42.00000	30.00000	-3.00000	0.0040029	-3.3442	-20.717E-6	-0.010308	0.0
	43.00000	30.00000	-3.00000	0.0039775	-3.3442	-18.885E-6	-0.0097478	0.0
	44.00000	30.00000	-3.00000	0.0039401	-3.3442	-17.207E-6	-0.0092171	0.0
	45.00000	30.00000	-3.00000	0.0038921	-3.3442	-15.673E-6	-0.0087149	0.0
1) No 155 Frontage	0.00000	6.05000	-3.00000	-0.065585	-3.3442	-343.98E-6	-0.093678	0.0
	0.00000	8.03333	-3.00000	-0.057304	-3.3442	-313.20E-6	-0.086659	0.0
	0.00000	10.01667	-3.00000	-0.047085	-3.3442	-273.04E-6	-0.077630	0.0
	0.00000	12.00000	-3.00000	-0.036496	-3.3442	-229.53E-6	-0.067822	0.0
	0.00000	13.98333	-3.00000	-0.026707	-3.3442	-187.50E-6	-0.058199	0.0
	0.00000	15.96667	-3.00000	-0.018365	-3.3442	-149.95E-6	-0.049362	0.0
	0.00000	17.95000	-3.00000	-0.011682	-3.3442	-118.19E-6	-0.041591	0.0
2) No 155 Far Elevation	0.05000	18.00000	-3.00000	-0.011694	-3.3442	-118.44E-6	-0.041620	0.0
	1.89286	18.00000	-3.00000	-0.018521	-3.3442	-161.27E-6	-0.050213	0.0
	3.73571	18.00000	-3.00000	-0.027339	-3.3442	-221.11E-6	-0.060634	0.0
	5.57857	18.00000	-3.00000	-0.038256	-3.3442	-304.33E-6	-0.073044	0.0
	7.42143	18.00000	-3.00000	-0.051051	-3.3442	-418.48E-6	-0.087393	0.0
	9.26429	18.00000	-3.00000	-0.065004	-3.3442	-570.91E-6	-0.10324	0.0
	11.10714	18.00000	-3.00000	-0.078789	-3.3442	-765.41E-6	-0.11955	1.1346E-6
	12.95000	18.00000	-3.00000	-0.090576	-3.3442	-996.48E-6	-0.13469	1.2703E-6
3) No 155 Far Elevation (Garden)	13.00000	18.00000	-3.00000	-0.090849	-3.3442	-0.0010031	-0.13507	1.2737E-6
	13.98750	18.00000	-3.00000	-0.095590	-3.3442	-0.0011353	-0.14192	1.3334E-6
	14.97500	18.00000	-3.00000	-0.098920	-3.3442	-0.0012662	-0.14748	1.3805E-6
	15.96250	18.00000	-3.00000	-0.10065	-3.3442	-0.0013883	-0.15145	1.4125E-6
	16.95000	18.00000	-3.00000	-0.10068	-3.3442	-0.0014935	-0.15362	1.4277E-6
4) No 155 Rear Elevation (Garden)	17.00000	17.95000	-3.00000	-0.10202	-3.3442	-0.0015240	-0.15527	1.4422E-6
	17.00000	15.96667	-3.00000	-0.17549	-3.3442	-0.0031525	-0.24163	2.1981E-6
	17.00000	13.98333	-3.00000	-0.30468	-3.3442	-0.0073804	-0.40684	3.5782E-6
	17.00000	12.00000	-3.00000	-0.54175	-3.3442	-0.020587	-0.76774	6.3580E-6
	17.00000	10.01667	-3.00000	-1.0092	-3.3442	-0.075825	-1.7375	12.658E-6
	17.00000	8.03333	-3.00000	-2.0654	-3.3442	-0.51461	-5.5653	24.452E-6
	17.00000	6.05000	-3.00000	-5.5027	-3.3442	-18.952	-37.584	-751.33E-6
5) No 155 / 157 Party Wall (Garden)	16.95000	6.00000	-3.00000	-5.6691	-3.3442	-20.395	-39.370	-819.19E-6
	15.97500	6.00000	-3.00000	-5.7182	-3.3442	-19.266	-38.275	-763.10E-6
	15.00000	6.00000	-3.00000	-5.8759	-3.3442	-23.795	-49.765	-917.93E-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 [-]
	14.02500	6.00000	-3.00000	-5.6785	-3.3442	-28.257	-59.183	-0.0010892
	13.05000	6.00000	-3.00000	-4.1568	-3.3442	-16.421	-35.386	-623.13E-6
6) No 155 / 157 Party Wall	12.95000	6.00000	-3.00000	-3.8324	-3.3442	-11.383	-29.286	-385.03E-6
	11.10714	6.00000	-3.00000	-1.6135	-3.3442	-0.054871	-2.8568	24.946E-6
	9.26429	6.00000	-3.00000	-0.87568	-3.3442	-0.011138	-1.0726	9.9259E-6
	7.42143	6.00000	-3.00000	-0.50531	-3.3442	-0.0041191	-0.53905	5.0762E-6
	5.57857	6.00000	-3.00000	-0.30047	-3.3442	-0.0019104	-0.31238	2.9698E-6
	3.73571	6.00000	-3.00000	-0.18144	-3.3442	-0.0010045	-0.19802	1.8948E-6
	1.89286	6.00000	-3.00000	-0.11018	-3.3442	-574.23E-6	-0.13371	1.2856E-6
	0.05000	6.00000	-3.00000	-0.066667	-3.3442	-349.02E-6	-0.094650	0.0
7) No 155 Rear Elevation	13.00000	6.05000	-3.00000	-3.8324	-3.3442	-11.391	-29.310	-385.28E-6
	13.00000	8.03333	-3.00000	-1.5424	-3.3442	-0.076967	-2.8443	23.514E-6
	13.00000	10.01667	-3.00000	-0.81517	-3.3442	-0.020212	-1.1062	9.7206E-6
	13.00000	12.00000	-3.00000	-0.45899	-3.3442	-0.0079843	-0.56180	5.0718E-6
	13.00000	13.98333	-3.00000	-0.26606	-3.3442	-0.0036885	-0.32487	2.9878E-6
	13.00000	15.96667	-3.00000	-0.15632	-3.3442	-0.0018706	-0.20422	1.9047E-6
	13.00000	17.95000	-3.00000	-0.092075	-3.3442	-0.0010178	-0.13636	1.2856E-6
8) No 157 / 159 Party Wall	0.00000	0.00000	-3.00000	-0.065887	-3.3442	-336.97E-6	-0.093026	0.0
	1.85000	0.00000	-3.00000	-0.10917	-3.3442	-550.41E-6	-0.13118	1.2621E-6
	3.70000	0.00000	-3.00000	-0.18020	-3.3442	-951.88E-6	-0.19380	1.8564E-6
	5.55000	0.00000	-3.00000	-0.29912	-3.3442	-0.0017762	-0.30467	2.9017E-6
	7.40000	0.00000	-3.00000	-0.50433	-3.3442	-0.0037075	-0.52316	4.9437E-6
	9.25000	0.00000	-3.00000	-0.87653	-3.3442	-0.0095127	-1.0340	9.6417E-6
	11.10000	0.00000	-3.00000	-1.6208	-3.3442	-0.045407	-2.7390	24.344E-6
	12.95000	0.00000	-3.00000	-3.8639	-3.3442	-11.275	-28.820	-383.24E-6
9) No 159 Lighwell / Rear Elevation	13.00000	-0.05000	-3.00000	-3.8649	-3.3442	-11.276	-28.824	-383.23E-6
	13.00000	-1.03333	-3.00000	-2.2798	-3.3442	-0.21641	-5.7334	43.770E-6
	13.00000	-2.01667	-3.00000	-1.5751	-3.3442	-0.047988	-2.6221	23.037E-6
	13.00000	-3.00000	-3.00000	-1.1351	-3.3442	-0.023348	-1.5445	13.861E-6
	13.00000	-3.98333	-3.00000	-0.83699	-3.3442	-0.014308	-1.0180	9.2003E-6
	13.00000	-4.96667	-3.00000	-0.62613	-3.3442	-0.0094789	-0.71557	6.5009E-6
	13.00000	-5.95000	-3.00000	-0.47303	-3.3442	-0.0064982	-0.52484	4.7951E-6
10) No 159 Rear Extension	12.95000	-3.00000	-3.00000	-1.1263	-3.3442	-0.022860	-1.5269	13.715E-6
	11.96250	-3.00000	-3.00000	-0.94719	-3.3442	-0.014850	-1.1895	10.860E-6
	10.97500	-3.00000	-3.00000	-0.77493	-3.3442	-0.0095511	-0.90361	8.3525E-6
	9.98750	-3.00000	-3.00000	-0.62320	-3.3442	-0.0062386	-0.68413	6.3826E-6
	9.00000	-3.00000	-3.00000	-0.49613	-3.3442	-0.0041840	-0.52253	4.9093E-6
11) No 159 Rear Extension	9.00000	-2.95000	-3.00000	-0.50099	-3.3442	-0.0042350	-0.52811	4.9614E-6
	9.00000	-1.98333	-3.00000	-0.59992	-3.3442	-0.0053421	-0.64695	6.0686E-6
	9.00000	-1.01667	-3.00000	-0.70464	-3.3442	-0.0066732	-0.78312	7.3338E-6
	9.00000	-0.05000	-3.00000	-0.80637	-3.3442	-0.0081360	-0.92498	8.6472E-6
12) No 159 / 161 Party Wall	13.00000	-6.00000	-3.00000	-0.46643	-3.3442	-0.0063786	-0.51710	4.7257E-6
	11.14286	-6.00000	-3.00000	-0.37214	-3.3442	-0.0037459	-0.39797	3.7059E-6
	9.28571	-6.00000	-3.00000	-0.27707	-3.3442	-0.0021973	-0.29354	2.7670E-6
	7.42857	-6.00000	-3.00000	-0.19640	-3.3442	-0.0013104	-0.21347	2.0293E-6
	5.57143	-6.00000	-3.00000	-0.13446	-3.3442	-802.14E-6	-0.15589	1.4910E-6
	3.71429	-6.00000	-3.00000	-0.089577	-3.3442	-505.62E-6	-0.11534	1.1084E-6
	1.85714	-6.00000	-3.00000	-0.058181	-3.3442	-328.10E-6	-0.086780	0.0
	0.00000	-6.00000	-3.00000	-0.036694	-3.3442	-218.81E-6	-0.066438	0.0
13) No 159 Frontage	0.00000	-5.95000	-3.00000	-0.036956	-3.3442	-219.88E-6	-0.066685	0.0
	0.00000	-4.96667	-3.00000	-0.042181	-3.3442	-241.03E-6	-0.071578	0.0
	0.00000	-3.98333	-3.00000	-0.047472	-3.3442	-262.30E-6	-0.076442	0.0
	0.00000	-3.00000	-3.00000	-0.052664	-3.3442	-283.14E-6	-0.081153	0.0
	0.00000	-2.01667	-3.00000	-0.057572	-3.3442	-302.90E-6	-0.085566	0.0
	0.00000	-1.03333	-3.00000	-0.061992	-3.3442	-320.85E-6	-0.089526	0.0
	0.00000	-0.05000	-3.00000	-0.065719	-3.3442	-336.26E-6	-0.092875	0.0
14) No 161 Frontage	0.00000	-6.05000	-3.00000	-0.036433	-3.3442	-217.75E-6	-0.066190	0.0
	0.00000	-7.03333	-3.00000	-0.031428	-3.3442	-197.26E-6	-0.061384	0.0
	0.00000	-8.01667	-3.00000	-0.026722	-3.3442	-177.73E-6	-0.056737	0.0
	0.00000	-9.00000	-3.00000	-0.022379	-3.3442	-159.38E-6	-0.052305	0.0
	0.00000	-9.98333	-3.00000	-0.018434	-3.3442	-142.38E-6	-0.048123	0.0
	0.00000	-10.96667	-3.00000	-0.014902	-3.3442	-126.77E-6	-0.044212	0.0
	0.00000	-11.95000	-3.00000	-0.011777	-3.3442	-112.58E-6	-0.040580	0.0
15) No 161 / 163 Party Wall	0.00000	-12.00000	-3.00000	-0.011629	-3.3442	-111.90E-6	-0.040403	0.0
	1.85714	-12.00000	-3.00000	-0.018527	-3.3442	-151.63E-6	-0.048653	0.0
	3.71429	-12.00000	-3.00000	-0.027474	-3.3442	-206.78E-6	-0.058617	0.0
	5.57143	-12.00000	-3.00000	-0.038591	-3.3442	-283.00E-6	-0.070427	0.0
	7.42857	-12.00000	-3.00000	-0.051663	-3.3442	-387.05E-6	-0.084003	0.0
	9.28571	-12.00000	-3.00000	-0.065949	-3.3442	-525.79E-6	-0.098895	0.0
	11.14286	-12.00000	-3.00000	-0.080072	-3.3442	-703.53E-6	-0.11413	1.0847E-6
	13.00000	-12.00000	-3.00000	-0.092118	-3.3442	-917.10E-6	-0.12818	1.2107E-6
16) No 161 Lightwell / Rear Elevation	13.00000	-11.95000	-3.00000	-0.093363	-3.3442	-930.10E-6	-0.12938	1.2218E-6
	13.00000	-10.96667	-3.00000	-0.12146	-3.3442	-0.0012349	-0.15647	1.4711E-6
	13.00000	-9.98333	-3.00000	-0.15792	-3.3442	-0.0016608	-0.19158	1.7925E-6
	13.00000	-9.00000	-3.00000	-0.20544	-3.3442	-0.0022638	-0.23791	2.2140E-6
	13.00000	-8.01667	-3.00000	-0.26776	-3.3442	-0.0031295	-0.30033	2.7787E-6
	13.00000	-7.03333	-3.00000	-0.35010	-3.3442	-0.0043908	-0.38656	3.5552E-6
	13.00000	-6.05000	-3.00000	-0.45993	-3.3442	-0.0062615	-0.50951	4.6578E-6
17) No 161 Rear Extension	9.00000	-11.95000	-3.00000	-0.064526	-3.3442	-507.54E-6	-0.097307	0.0
	9.00000	-10.98333	-3.00000	-0.082035	-3.3442	-630.08E-6	-0.11353	1.0832E-6
	9.00000	-10.01667	-3.00000	-0.10378	-3.3442	-785.45E-6	-0.13330	1.2691E-6
	9.00000	-9.05000	-3.00000	-0.13071	-3.3442	-982.69E-6	-0.15756	1.4968E-6
18) No 161 Rear Extension	9.00000	-9.00000	-3.00000	-0.13226	-3.3442	-994.23E-6	-0.15895	1.5099E-6
	9.98750	-9.00000	-3.00000	-0.15117	-3.3442	-0.0012264	-0.17793	1.6835E-6
	10.97500	-9.00000	-3.00000	-0.17015	-3.3442	-0.0015086	-0.19773	1.8622E-6
	11.96250	-9.00000	-3.00000	-0.18832	-3.3442	-0.0018463	-0.21770	2.0392E-6
	12.95000	-9.00000	-3.00000	-0.20468	-3.3442	-0.0022422	-0.23697	2.2060E-6
19) No 1 CR Garden Near Elevation	24.00000	7.00000	-3.00000	-0.69338	-3.3442	-0.17312	-1.4655	4.2120E-6
	24.00000	5.14286	-3.00000	-0.87813	-3.3442	-0.32031	-2.0586	1.3497E-6
	24.00000	3.28571	-3.00000	-0.97049	-3.3442	-0.39832	-2.3554	0.0
	24.00000	1.42857	-3.00000	-0.92320	-3.3442	-0.35490	-2.1718	0.0
	24.00000	-0.42857	-3.00000	-0.76058	-3.3442	-0.21637	-1.6190	3.1663E-6
	24.00000	-2.28571	-3.00000	-0.56125	-3.3442	-0.091858	-1.0334	4.7598E-6
	24.00000	-4.14286	-3.00000	-0.38897	-3.3442	-0.034239	-0.63087	4.1988E-6
	24.00000	-6.00000	-3.00000	-0.26092	-3.3442	-0.013409	-0.39440	3.0984E-6
20) No 1 CR Garden Rear Elevation	24.05000	-6.00000	-3.00000	-0.25863	-3.3442	-0.013242	-0.39126	3.0773E-6
	25.03750	-6.00000	-3.00000	-0.21592	-3.3442	-0.010188	-0.33268	2.6801E-6
	26.02500	-6.00000	-3.00000	-0.17841	-3.3442	-0.0076885	-0.28136	2.3215E-6
	27.01250	-6.00000	-3.00000	-0.14612	-3.3442	-0.0057449	-0.23749	2.0037E-6
	28.00000	-6.00000	-3.00000	-0.11876	-3.3442	-0.0042794	-0.20058	1.7262E-6
	28.98750	-6.00000	-3.00000	-0.095845	-3.3442	-0.0031928	-0.16979	1.4867E-6
	29.97500	-6.00000	-3.00000	-0.076832	-3.3442	-0.0023932	-0.14423	1.2818E-6
	30.96250	-6.00000	-3.00000	-0.061163	-3.3442	-0.0018055	-0.12303	1.1073E-6
	31.95000	-6.00000	-3.00000	-0.048321	-3.3442	-0.0013726	-0.10543	0.0
21) No 1 CR Garden Far Elevation	32.00000	-6.00000	-3.00000	-0.047737	-3.3442	-0.0013540	-0.10462	0.0
	32.00000	-5.00714	-3.00000	-0.054714	-3.3442	-0.0016275	-0.11514	1.0400E-6
	32.00000	-4.01429	-3.00000	-0.061851	-3.3442	-0.0019348	-0.12599	1.1289E-6
	32.00000	-3.02143	-3.00000	-0.068926	-3.3442	-0.0022679	-0.13687	1.2165E-6
	32.00000	-2.02857	-3.00000	-0.075671	-3.3442	-0.0026128	-0.14738	1.2998E-6

Name	Location X [m]	Location Y [m]	Displacement Z[Level] [mOD]	Displacement Z [mm]	Stresses Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Stresses Vert Strain [-]
	32.00000	-1.03571	-3.00000	-0.081789	-3.3442	-0.0029495	-0.15705	1.3754E-6
	32.00000	-0.04286	-3.00000	-0.086973	-3.3442	-0.0032533	-0.16540	1.4397E-6
	32.00000	0.95000	-3.00000	-0.090938	-3.3442	-0.0034981	-0.17191	1.4895E-6
22) No 1 CR Garden Side Elevation	24.05000	7.00000	-3.00000	-0.68369	-3.3442	-0.16722	-1.4378	4.2880E-6
	25.00000	7.00000	-3.00000	-0.52483	-3.3442	-0.088692	-1.0163	4.7782E-6
	25.95000	7.00000	-3.00000	-0.40488	-3.3442	-0.049416	-0.73915	4.3687E-6
23) No 1 CR Near Elevation	26.00000	10.00000	-3.00000	-0.25625	-3.3442	-0.017023	-0.43013	3.2371E-6
	26.00000	9.00000	-3.00000	-0.30232	-3.3442	-0.024761	-0.51925	3.6584E-6
	26.00000	8.00000	-3.00000	-0.35095	-3.3442	-0.035182	-0.62022	4.0378E-6
	26.00000	7.00000	-3.00000	-0.39943	-3.3442	-0.047983	-0.72741	4.3377E-6
	26.00000	6.00000	-3.00000	-0.44399	-3.3442	-0.061771	-0.83080	4.5416E-6
	26.00000	5.00000	-3.00000	-0.48029	-3.3442	-0.074196	-0.91735	4.6600E-6
	26.00000	4.00000	-3.00000	-0.50421	-3.3442	-0.082768	-0.97423	4.7138E-6
	26.00000	3.00000	-3.00000	-0.51284	-3.3442	-0.085761	-0.99246	4.7165E-6
	26.00000	2.00000	-3.00000	-0.50509	-3.3442	-0.082596	-0.96909	4.6733E-6
	26.00000	1.00000	-3.00000	-0.48193	-3.3442	-0.073884	-0.90779	4.5842E-6
24) No 1 CR Rear Elevation	26.05000	1.00000	-3.00000	-0.47488	-3.3442	-0.071461	-0.89141	4.5660E-6
	27.03333	1.00000	-3.00000	-0.35706	-3.3442	-0.038394	-0.63522	3.9957E-6
	28.01667	1.00000	-3.00000	-0.27050	-3.3442	-0.021885	-0.46771	3.3200E-6
	29.00000	1.00000	-3.00000	-0.20602	-3.3442	-0.013120	-0.35394	2.7163E-6
	29.98333	1.00000	-3.00000	-0.15745	-3.3442	-0.0082124	-0.27414	2.2193E-6
	30.96667	1.00000	-3.00000	-0.12056	-3.3442	-0.0053343	-0.21657	1.8216E-6
	31.95000	1.00000	-3.00000	-0.092346	-3.3442	-0.0035776	-0.17404	1.5058E-6
25) No 1 CR Far Elevation	32.00000	1.00000	-3.00000	-0.091101	-3.3442	-0.0035084	-0.17218	1.4916E-6
	32.00000	2.00000	-3.00000	-0.093545	-3.3442	-0.0036666	-0.17635	1.5233E-6
	32.00000	3.00000	-3.00000	-0.094349	-3.3442	-0.0037231	-0.17792	1.5355E-6
	32.00000	4.00000	-3.00000	-0.093462	-3.3442	-0.0036720	-0.17680	1.5274E-6
	32.00000	5.00000	-3.00000	-0.090941	-3.3442	-0.0035187	-0.17306	1.4996E-6
	32.00000	6.00000	-3.00000	-0.086945	-3.3442	-0.0032797	-0.16696	1.4536E-6
	32.00000	7.00000	-3.00000	-0.081715	-3.3442	-0.0029786	-0.15893	1.3922E-6
	32.00000	8.00000	-3.00000	-0.075542	-3.3442	-0.0026421	-0.14944	1.3185E-6
	32.00000	9.00000	-3.00000	-0.068740	-3.3442	-0.0022954	-0.13902	1.2362E-6
	32.00000	10.00000	-3.00000	-0.061613	-3.3442	-0.0019594	-0.12815	1.1487E-6
26) No 1 CR Frontage	31.95000	10.00000	-3.00000	-0.062393	-3.3442	-0.0019905	-0.12928	1.1581E-6
	30.96667	10.00000	-3.00000	-0.079680	-3.3442	-0.0027335	-0.15435	1.3615E-6
	29.98333	10.00000	-3.00000	-0.10125	-3.3442	-0.0038107	-0.18582	1.6083E-6
	29.00000	10.00000	-3.00000	-0.12811	-3.3442	-0.0053950	-0.22565	1.9075E-6
	28.01667	10.00000	-3.00000	-0.16147	-3.3442	-0.0077560	-0.27642	2.2689E-6
	27.03333	10.00000	-3.00000	-0.20271	-3.3442	-0.011311	-0.34154	2.7010E-6
	26.05000	10.00000	-3.00000	-0.25339	-3.3442	-0.016686	-0.42528	3.2092E-6

Notes

Note: No ground movements have been generated using the X-Disp Software. All movements imported from P-Disp.

Problem Type

Problem Type : Tunnelling and Embedded Wall Excavations

Displacement Data

Type	Name	Direction of extrusion	Point/Line/Line for extrusion						No. of intervals across extrusion/line	Extrusion depth	No. of intervals along extrusion	Calculate	Surface type for tunnels
			First point			Second point							
			X [m]	Y [m]	Z(level) [m]	X [m]	Y [m]	Z(level) [m]		[m]			
Grid	Grid 1	Global X	-10.00000	-25.00000	-3.00000	-	30.00000	-3.00000	55	55.00000	55	No	Surface
Line	1) No 155 Frontage	-	0.00000	6.05000	-3.00000	0.00000	17.95000	-3.00000	6	-	-	Yes	Surface
Line	2) No 155 Far Elevation	-	0.05000	18.00000	-3.00000	12.95000	18.00000	-3.00000	7	-	-	Yes	Surface
Line	3) No 155 Far Elevation (Garden)	-	13.00000	18.00000	-3.00000	16.95000	18.00000	-3.00000	4	-	-	Yes	Surface
Line	4) No 155 Rear Elevation (Garden)	-	17.00000	17.95000	-3.00000	17.00000	6.05000	-3.00000	6	-	-	Yes	Surface
Line	5) No 155 / 157 Party Wall (Garden)	-	16.95000	6.00000	-3.00000	13.05000	6.00000	-3.00000	4	-	-	Yes	Surface
Line	6) No 155 / 157 Party Wall	-	12.95000	6.00000	-3.00000	0.05000	6.00000	-3.00000	7	-	-	Yes	Surface
Line	7) No 155 Rear Elevation	-	13.00000	6.05000	-3.00000	13.00000	17.95000	-3.00000	6	-	-	Yes	Surface
Line	8) No 157 / 159 Party Wall	-	0.00000	0.00000	-3.00000	12.95000	0.00000	-3.00000	7	-	-	Yes	Surface
Line	9) No 159 Lighwell / Rear Elevation	-	13.00000	-0.05000	-3.00000	13.00000	-5.95000	-3.00000	6	-	-	Yes	Surface
Line	10) No 159 Rear Extension	-	12.95000	-3.00000	-3.00000	9.00000	-3.00000	-3.00000	4	-	-	Yes	Surface
Line	11) No 159 Rear Extension	-	9.00000	-2.95000	-3.00000	9.00000	-0.05000	-3.00000	3	-	-	Yes	Surface
Line	12) No 159 / 161 Party Wall	-	13.00000	-6.00000	-3.00000	0.00000	-6.00000	-3.00000	7	-	-	Yes	Surface
Line	13) No 159 Frontage	-	0.00000	-5.95000	-3.00000	0.00000	-0.05000	-3.00000	6	-	-	Yes	Surface
Line	14) No 161 Frontage	-	0.00000	-6.05000	-3.00000	0.00000	-11.95000	-3.00000	6	-	-	Yes	Surface
Line	15) No 161 / 163 Party Wall	-	0.00000	-12.00000	-3.00000	13.00000	-12.00000	-3.00000	7	-	-	Yes	Surface
Line	16) No 161 Lightwell / Rear Elevation	-	13.00000	-11.95000	-3.00000	13.00000	-6.05000	-3.00000	6	-	-	Yes	Surface
Line	17) No 161 Rear Extension	-	9.00000	-11.95000	-3.00000	9.00000	-9.05000	-3.00000	3	-	-	Yes	Surface
Line	18) No 161 Rear Extension	-	9.00000	-9.00000	-3.00000	12.95000	-9.00000	-3.00000	4	-	-	Yes	Surface
Line	19) No 1 CR Garden Near Elevation	-	24.00000	7.00000	-3.00000	24.00000	-6.00000	-3.00000	7	-	-	Yes	Surface
Line	20) No 1 CR Garden Rear Elevation	-	24.05000	-6.00000	-3.00000	31.95000	-6.00000	-3.00000	8	-	-	Yes	Surface
Line	21) No 1 CR Garden Far Elevation	-	32.00000	-6.00000	-3.00000	32.00000	0.95000	-3.00000	7	-	-	Yes	Surface
Line	22) No 1 CR Garden Side Elevation	-	24.05000	7.00000	-3.00000	25.95000	7.00000	-3.00000	2	-	-	Yes	Surface
Line	23) No 1 CR Near Elevation	-	26.00000	10.00000	-3.00000	26.00000	1.00000	-3.00000	9	-	-	Yes	Surface
Line	24) No 1 CR Rear Elevation	-	26.05000	1.00000	-3.00000	31.95000	1.00000	-3.00000	6	-	-	Yes	Surface
Line	25) No 1 CR Far Elevation	-	32.00000	1.00000	-3.00000	32.00000	10.00000	-3.00000	9	-	-	Yes	Surface
Line	26) No 1 CR Frontage	-	31.95000	10.00000	-3.00000	26.05000	10.00000	-3.00000	6	-	-	Yes	Surface

Imported Displacements

The following data points and displacements were found in the import file .

Ref.	Coordinates			Displacements			
	x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]	
1	15.63136	2.70339	-3.00000	0.00000	0.00000	-5.74412	
2	17.67308	4.34615	-2.50000	0.00000	0.00000	-5.03630	
3	19.25000	3.00000	-2.00000	0.00000	0.00000	-4.22256	
4	19.75000	3.00000	-1.50000	0.00000	0.00000	-3.50976	
5	20.25000	3.00000	-1.00000	0.00000	0.00000	-2.82994	
6	20.75000	3.00000	-0.50000	0.00000	0.00000	-2.20445	
7	6.50000	3.00000	-3.00000	0.00000	0.00000	-0.14959	
8	0.00000	6.05000	-3.00000	0.00000	0.00000	0.01010	1,2,6
9	0.00000	8.03333	-3.00000	0.00000	0.00000	0.01249	1,2,6
10	0.00000	10.01667	-3.00000	0.00000	0.00000	0.01520	1,2,6
11	0.00000	12.00000	-3.00000	0.00000	0.00000	0.01765	1,2,6
12	0.00000	13.98333	-3.00000	0.00000	0.00000	0.01946	1,2,6
13	0.00000	15.96667	-3.00000	0.00000	0.00000	0.02046	1,2,6
14	0.00000	17.95000	-3.00000	0.00000	0.00000	0.02071	1,2,6
15	0.05000	18.00000	-3.00000	0.00000	0.00000	0.02071	1,2,6
16	1.89286	18.00000	-3.00000	0.00000	0.00000	0.02045	1,2,6
17	3.73571	18.00000	-3.00000	0.00000	0.00000	0.01936	1,2,6
18	5.57857	18.00000	-3.00000	0.00000	0.00000	0.01729	1,2,6
19	7.42143	18.00000	-3.00000	0.00000	0.00000	0.01420	1,2,6
20	9.26429	18.00000	-3.00000	0.00000	0.00000	0.01028	1,2,6
21	11.10714	18.00000	-3.00000	0.00000	0.00000	0.00601	1,2,6
22	12.95000	18.00000	-3.00000	0.00000	0.00000	0.00211	1,2,6
23	13.00000	18.00000	-3.00000	0.00000	0.00000	0.00201	1,2,6
24	13.98750	18.00000	-3.00000	0.00000	0.00000	0.00038	1,2,6
25	14.97500	18.00000	-3.00000	0.00000	0.00000	-0.00079	1,2,6
26	15.96250	18.00000	-3.00000	0.00000	0.00000	-0.00143	1,2,6
27	16.95000	18.00000	-3.00000	0.00000	0.00000	-0.00148	1,2,6
28	17.00000	17.95000	-3.00000	0.00000	0.00000	-0.00195	1,2,6
29	17.00000	15.96667	-3.00000	0.00000	0.00000	-0.03009	1,2,6
30	17.00000	13.98333	-3.00000	0.00000	0.00000	-0.08564	1,2,6
31	17.00000	12.00000	-3.00000	0.00000	0.00000	-0.19625	1,2,6
32	17.00000	10.01667	-3.00000	0.00000	0.00000	-0.42784	1,2,6
33	17.00000	8.03333	-3.00000	0.00000	0.00000	-0.97707	1,2,6
34	17.00000	6.05000	-3.00000	0.00000	0.00000	-2.90827	1,2,6
35	16.95000	6.00000	-3.00000	0.00000	0.00000	-3.00460	1,2,6

Ref.	Coordinates x [m]	y [m]	z [m]	Displacements x [mm]	y [mm]	z [mm]	
36	15.97500	6.00000	-3.00000	0.00000	0.00000	-3.01825	1,2,6
37	15.00000	6.00000	-3.00000	0.00000	0.00000	-3.07672	1,2,6
38	14.02500	6.00000	-3.00000	0.00000	0.00000	-2.94863	1,2,6
39	13.05000	6.00000	-3.00000	0.00000	0.00000	-2.11634	1,2,6
40	12.95000	6.00000	-3.00000	0.00000	0.00000	-1.92781	1,2,6
41	11.10714	6.00000	-3.00000	0.00000	0.00000	-0.73701	1,2,6
42	9.26429	6.00000	-3.00000	0.00000	0.00000	-0.35999	1,2,6
43	7.42143	6.00000	-3.00000	0.00000	0.00000	-0.17864	1,2,6
44	5.57857	6.00000	-3.00000	0.00000	0.00000	-0.08369	1,2,6
45	3.73571	6.00000	-3.00000	0.00000	0.00000	-0.03247	1,2,6
46	1.89286	6.00000	-3.00000	0.00000	0.00000	-0.00480	1,2,6
47	0.05000	6.00000	-3.00000	0.00000	0.00000	0.00978	1,2,6
48	13.00000	6.05000	-3.00000	0.00000	0.00000	-1.92790	1,2,6
49	13.00000	8.03333	-3.00000	0.00000	0.00000	-0.70037	1,2,6
50	13.00000	10.01667	-3.00000	0.00000	0.00000	-0.32976	1,2,6
51	13.00000	12.00000	-3.00000	0.00000	0.00000	-0.15655	1,2,6
52	13.00000	13.98333	-3.00000	0.00000	0.00000	-0.06834	1,2,6
53	13.00000	15.96667	-3.00000	0.00000	0.00000	-0.02228	1,2,6
54	13.00000	17.95000	-3.00000	0.00000	0.00000	0.00160	1,2,6
55	0.00000	0.00000	-3.00000	0.00000	0.00000	0.01003	1,2,6
56	1.85000	0.00000	-3.00000	0.00000	0.00000	-0.00440	1,2,6
57	3.70000	0.00000	-3.00000	0.00000	0.00000	-0.03192	1,2,6
58	5.55000	0.00000	-3.00000	0.00000	0.00000	-0.08303	1,2,6
59	7.40000	0.00000	-3.00000	0.00000	0.00000	-0.17808	1,2,6
60	9.25000	0.00000	-3.00000	0.00000	0.00000	-0.36023	1,2,6
61	11.10000	0.00000	-3.00000	0.00000	0.00000	-0.74029	1,2,6
62	12.95000	0.00000	-3.00000	0.00000	0.00000	-1.94256	1,2,6
63	13.00000	-0.05000	-3.00000	0.00000	0.00000	-1.94307	1,2,6
64	13.00000	-1.03333	-3.00000	0.00000	0.00000	-1.08495	1,2,6
65	13.00000	-2.01667	-3.00000	0.00000	0.00000	-0.71633	1,2,6
66	13.00000	-3.00000	-3.00000	0.00000	0.00000	-0.49033	1,2,6
67	13.00000	-3.98333	-3.00000	0.00000	0.00000	-0.34021	1,2,6
68	13.00000	-4.96667	-3.00000	0.00000	0.00000	-0.23640	1,2,6
69	13.00000	-5.95000	-3.00000	0.00000	0.00000	-0.16295	1,2,6
70	12.95000	-3.00000	-3.00000	0.00000	0.00000	-0.48585	1,2,6
71	11.96250	-3.00000	-3.00000	0.00000	0.00000	-0.39560	1,2,6
72	10.97500	-3.00000	-3.00000	0.00000	0.00000	-0.30978	1,2,6
73	9.98750	-3.00000	-3.00000	0.00000	0.00000	-0.23536	1,2,6
74	9.00000	-3.00000	-3.00000	0.00000	0.00000	-0.17424	1,2,6
75	9.00000	-2.95000	-3.00000	0.00000	0.00000	-0.17655	1,2,6
76	9.00000	-1.98333	-3.00000	0.00000	0.00000	-0.22409	1,2,6
77	9.00000	-1.01667	-3.00000	0.00000	0.00000	-0.27515	1,2,6
78	9.00000	-0.05000	-3.00000	0.00000	0.00000	-0.32530	1,2,6
79	13.00000	-6.00000	-3.00000	0.00000	0.00000	-0.15983	1,2,6
80	11.14286	-6.00000	-3.00000	0.00000	0.00000	-0.11598	1,2,6
81	9.28571	-6.00000	-3.00000	0.00000	0.00000	-0.07316	1,2,6
82	7.42857	-6.00000	-3.00000	0.00000	0.00000	-0.03855	1,2,6
83	5.57143	-6.00000	-3.00000	0.00000	0.00000	-0.01377	1,2,6
84	3.71429	-6.00000	-3.00000	0.00000	0.00000	0.00247	1,2,6
85	1.85714	-6.00000	-3.00000	0.00000	0.00000	0.01229	1,2,6
86	0.00000	-6.00000	-3.00000	0.00000	0.00000	0.01766	1,2,6
87	0.00000	-5.95000	-3.00000	0.00000	0.00000	0.01761	1,2,6
88	0.00000	-4.96667	-3.00000	0.00000	0.00000	0.01644	1,2,6
89	0.00000	-3.98333	-3.00000	0.00000	0.00000	0.01515	1,2,6
90	0.00000	-3.00000	-3.00000	0.00000	0.00000	0.01380	1,2,6
91	0.00000	-2.01667	-3.00000	0.00000	0.00000	0.01245	1,2,6
92	0.00000	-1.03333	-3.00000	0.00000	0.00000	0.01118	1,2,6
93	0.00000	-0.05000	-3.00000	0.00000	0.00000	0.01008	1,2,6
94	0.00000	-6.05000	-3.00000	0.00000	0.00000	0.01772	1,2,6
95	0.00000	-7.03333	-3.00000	0.00000	0.00000	0.01871	1,2,6
96	0.00000	-8.01667	-3.00000	0.00000	0.00000	0.01951	1,2,6
97	0.00000	-9.00000	-3.00000	0.00000	0.00000	0.02011	1,2,6
98	0.00000	-9.98333	-3.00000	0.00000	0.00000	0.02051	1,2,6
99	0.00000	-10.96667	-3.00000	0.00000	0.00000	0.02073	1,2,6
100	0.00000	-11.95000	-3.00000	0.00000	0.00000	0.02077	1,2,6
101	0.00000	-12.00000	-3.00000	0.00000	0.00000	0.02077	1,2,6
102	1.85714	-12.00000	-3.00000	0.00000	0.00000	0.02051	1,2,6
103	3.71429	-12.00000	-3.00000	0.00000	0.00000	0.01941	1,2,6
104	5.57143	-12.00000	-3.00000	0.00000	0.00000	0.01729	1,2,6
105	7.42857	-12.00000	-3.00000	0.00000	0.00000	0.01413	1,2,6
106	9.28571	-12.00000	-3.00000	0.00000	0.00000	0.01011	1,2,6
107	11.14286	-12.00000	-3.00000	0.00000	0.00000	0.00571	1,2,6
108	13.00000	-12.00000	-3.00000	0.00000	0.00000	0.00170	1,2,6
109	13.00000	-11.95000	-3.00000	0.00000	0.00000	0.00128	1,2,6
110	13.00000	-10.96667	-3.00000	0.00000	0.00000	-0.00876	1,2,6
111	13.00000	-9.98333	-3.00000	0.00000	0.00000	-0.02277	1,2,6
112	13.00000	-9.00000	-3.00000	0.00000	0.00000	-0.04217	1,2,6
113	13.00000	-8.01667	-3.00000	0.00000	0.00000	-0.06892	1,2,6
114	13.00000	-7.03333	-3.00000	0.00000	0.00000	-0.10579	1,2,6
115	13.00000	-6.05000	-3.00000	0.00000	0.00000	-0.15676	1,2,6
116	9.00000	-11.95000	-3.00000	0.00000	0.00000	0.01053	1,2,6
117	9.00000	-10.98333	-3.00000	0.00000	0.00000	0.00506	1,2,6
118	9.00000	-10.01667	-3.00000	0.00000	0.00000	-0.00237	1,2,6
119	9.00000	-9.05000	-3.00000	0.00000	0.00000	-0.01226	1,2,6
120	9.00000	-9.00000	-3.00000	0.00000	0.00000	-0.01285	1,2,6
121	9.98750	-9.00000	-3.00000	0.00000	0.00000	-0.02014	1,2,6
122	10.97500	-9.00000	-3.00000	0.00000	0.00000	-0.02768	1,2,6
123	11.96250	-9.00000	-3.00000	0.00000	0.00000	-0.03507	1,2,6
124	12.95000	-9.00000	-3.00000	0.00000	0.00000	-0.04185	1,2,6
125	24.00000	7.00000	-3.00000	0.00000	0.00000	-0.27658	1,2,6
126	24.00000	5.14286	-3.00000	0.00000	0.00000	-0.37153	1,2,6
127	24.00000	3.28571	-3.00000	0.00000	0.00000	-0.41946	1,2,6
128	24.00000	1.42857	-3.00000	0.00000	0.00000	-0.39475	1,2,6
129	24.00000	-0.42857	-3.00000	0.00000	0.00000	-0.31062	1,2,6
130	24.00000	-2.28571	-3.00000	0.00000	0.00000	-0.20991	1,2,6
131	24.00000	-4.14286	-3.00000	0.00000	0.00000	-0.12634	1,2,6
132	24.00000	-6.00000	-3.00000	0.00000	0.00000	-0.06750	1,2,6
133	24.05000	-6.00000	-3.00000	0.00000	0.00000	-0.06650	1,2,6
134	25.03750	-6.00000	-3.00000	0.00000	0.00000	-0.04807	1,2,6
135	26.02500	-6.00000	-3.00000	0.00000	0.00000	-0.03240	1,2,6
136	27.01250	-6.00000	-3.00000	0.00000	0.00000	-0.01944	1,2,6
137	28.00000	-6.00000	-3.00000	0.00000	0.00000	-0.00897	1,2,6
138	28.98750	-6.00000	-3.00000	0.00000	0.00000	-0.00069	1,2,6
139	29.97500	-6.00000	-3.00000	0.00000	0.00000	0.00571	1,2,6
140	30.96250	-6.00000	-3.00000	0.00000	0.00000	0.01055	1,2,6
141	31.95000	-6.00000	-3.00000	0.00000	0.00000	0.01410	1,2,6
142	32.00000	-6.00000	-3.00000	0.00000	0.00000	0.01425	1,2,6
143	32.00000	-5.00714	-3.00000	0.00000	0.00000	0.01234	1,2,6
144	32.00000	-4.01429	-3.00000	0.00000	0.00000	0.01025	1,2,6
145	32.00000	-3.02143	-3.00000	0.00000	0.00000	0.00807	1,2,6
146	32.00000	-2.02857	-3.00000	0.00000	0.00000	0.00590	1,2,6
147	32.00000	-1.03571	-3.00000	0.00000	0.00000	0.00386	1,2,6
148	32.00000	-0.04286	-3.00000	0.00000	0.00000	0.00209	1,2,6
149	32.00000	0.95000	-3.00000	0.00000	0.00000	0.00071	1,2,6
150	24.05000	7.00000	-3.00000	0.00000	0.00000	-0.27169	1,2,6
151	25.00000	7.00000	-3.00000	0.00000	0.00000	-0.19274	1,2,6
152	25.95000	7.00000	-3.00000	0.00000	0.00000	-0.13490	1,2,6
153	26.00000	10.00000	-3.00000	0.00000	0.00000	-0.06611	1,2,6

Ref.	Coordinates x [m]	y [m]	z [m]	Displacements x [mm]	y [mm]	z [mm]	
154	26.00000	9.00000	-3.00000	0.00000	0.00000	-0.08692	1,2,6
155	26.00000	8.00000	-3.00000	0.00000	0.00000	-0.10943	1,2,6
156	26.00000	7.00000	-3.00000	0.00000	0.00000	-0.13232	1,2,6
157	26.00000	6.00000	-3.00000	0.00000	0.00000	-0.15368	1,2,6
158	26.00000	5.00000	-3.00000	0.00000	0.00000	-0.17125	1,2,6
159	26.00000	4.00000	-3.00000	0.00000	0.00000	-0.18291	1,2,6
160	26.00000	3.00000	-3.00000	0.00000	0.00000	-0.18712	1,2,6
161	26.00000	2.00000	-3.00000	0.00000	0.00000	-0.18330	1,2,6
162	26.00000	1.00000	-3.00000	0.00000	0.00000	-0.17198	1,2,6
163	26.05000	1.00000	-3.00000	0.00000	0.00000	-0.16856	1,2,6
164	27.03333	1.00000	-3.00000	0.00000	0.00000	-0.11249	1,2,6
165	28.01667	1.00000	-3.00000	0.00000	0.00000	-0.07288	1,2,6
166	29.00000	1.00000	-3.00000	0.00000	0.00000	-0.04465	1,2,6
167	29.98333	1.00000	-3.00000	0.00000	0.00000	-0.02446	1,2,6
168	30.96667	1.00000	-3.00000	0.00000	0.00000	-0.01004	1,2,6
169	31.95000	1.00000	-3.00000	0.00000	0.00000	0.00022	1,2,6
170	32.00000	1.00000	-3.00000	0.00000	0.00000	0.00065	1,2,6
171	32.00000	2.00000	-3.00000	0.00000	0.00000	-0.00021	1,2,6
172	32.00000	3.00000	-3.00000	0.00000	0.00000	-0.00050	1,2,6
173	32.00000	4.00000	-3.00000	0.00000	0.00000	-0.00019	1,2,6
174	32.00000	5.00000	-3.00000	0.00000	0.00000	0.00069	1,2,6
175	32.00000	6.00000	-3.00000	0.00000	0.00000	0.00207	1,2,6
176	32.00000	7.00000	-3.00000	0.00000	0.00000	0.00385	1,2,6
177	32.00000	8.00000	-3.00000	0.00000	0.00000	0.00590	1,2,6
178	32.00000	9.00000	-3.00000	0.00000	0.00000	0.00808	1,2,6
179	32.00000	10.00000	-3.00000	0.00000	0.00000	0.01027	1,2,6
180	31.95000	10.00000	-3.00000	0.00000	0.00000	0.01004	1,2,6
181	30.96667	10.00000	-3.00000	0.00000	0.00000	0.00461	1,2,6
182	29.98333	10.00000	-3.00000	0.00000	0.00000	-0.00281	1,2,6
183	29.00000	10.00000	-3.00000	0.00000	0.00000	-0.01275	1,2,6
184	28.01667	10.00000	-3.00000	0.00000	0.00000	-0.02588	1,2,6
185	27.03333	10.00000	-3.00000	0.00000	0.00000	-0.04295	1,2,6
186	26.05000	10.00000	-3.00000	0.00000	0.00000	-0.06485	1,2,6

1 - Data point coincident with displacement data. Its displacement has been added to those calculated by Xdisp.
2 - Data point coincident with horizontal movement calculation point for a specific building. Its displacement has been added before performing building damage calculations.
6 - Data point coincident with vertical movement calculation point for a specific building. Its displacement has been added before performing building damage calculations.

Damage Category Strains

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

Specific Structures - Geometry

Structure Name	Sub-Structure Name	Displacement Line	Start Distance Along Line [m]	End Distance Along Line [m]	Vertical Offsets from Line for Vertical Movement Calculations [m]	Vertical Displacement Limit Sensitivity [mm]	Damage Category Strains	Poisson's Ratio	E/G
No 155 York Way	Frontage	1) No 155 Frontage	0.00000	11.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 155 York Way	Far Elevation	2) No 155 Far Elevation	0.00000	12.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 155 York Way	Far Elevation (Garden)	3) No 155 Far Elevation (Garden)	0.00000	3.94900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 155 York Way	Rear Elevation (Garden)	4) No 155 Rear Elevation (Garden)	0.00000	11.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 155 York Way	Party Wall with site (Garden)	5) No 155 / 157 Party Wall (Garden)	0.00000	3.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 155 York Way	Party Wall with site	6) No 155 / 157 Party Wall	0.00000	12.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 155 York Way	Rear Elevation	7) No 155 Rear Elevation	0.00000	11.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 159 York Way	Party Wall	8) No 157 / 159 Party Wall	0.00000	12.95000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 159 York Way	Lightwell / Rear Extension	9) No 159 Lighwell / Rear Elevation	0.00000	5.90000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 159 York Way	Rear Extension	10) No 159 Rear Extension	0.00000	3.94900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 159 York Way	Rear Extension	11) No 159 Rear Extension	0.00000	2.90000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 159 York Way	Party Wall	12) No 159 / 161 Party Wall	0.00000	13.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 159 York Way	Frontage	13) No 159 Frontage	0.00000	5.90000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 161 York Way	Frontage	14) No 161 Frontage	0.00000	5.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 161 York Way	Party Wall	15) No 161 / 163 Party Wall	0.00000	13.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 161 York Way	Lightwell / Rear Extension	16) No 161 Lightwell / Rear Elevation	0.00000	5.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 161 York Way	Rear Extension	17) No 161 Rear Extension	0.00000	2.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 161 York Way	Rear Extension	18) No 161 Rear Extension	0.00000	3.94900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Garden Near Elevation	19) No 1 CR Garden Near Elevation	0.00000	13.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Garden Rear Elevation	20) No 1 CR Garden Rear Elevation	0.00000	7.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Garden Far Elevation	21) No 1 CR Garden Far Elevation	0.00000	6.95000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Garden Side Elevation	22) No 1 CR Garden Side Elevation	0.00000	1.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Near Elevation	23) No 1 CR Near Elevation	0.00000	9.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Rear Elevation	24) No 1 CR Rear Elevation	0.00000	5.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Far Elevation	25) No 1 CR Far Elevation	0.00000	9.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Frontage	26) No 1 CR Frontage	0.00000	5.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000

Specific Structures - Bending Parameters

Structure Name	Sub-Structure Name	Height	Default Properties	Hogging			Sagging		
				2nd Moment of Area (per unit	Distance of Bending Strain	Distance of N.A. from Edge	2nd Moment of Area (per unit	Distance of Bending Strain	Distance of N.A. from Edge

			width)	from N.A.	of Beam in Tension	width)	from N.A.	of Beam in Tension
	[m]		[m³]	[m]	[m]	[m³]	[m]	[m]
No 155 York Way Frontage	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 155 York Way Far Elevation	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 155 York Way Far Elevation (Garden)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 155 York Way Rear Elevation (Garden)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 155 York Way Party Wall with site (Garden)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 155 York Way Party Wall with site	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 155 York Way Rear Elevation	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 159 York Way Party Wall	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 159 York Way Lightwell / Rear Extension	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 159 York Way Rear Extension	8.0000	Yes	170.67	8.0000	8.0000	42.667	4.0000	4.0000
No 159 York Way Rear Extension	8.0000	Yes	170.67	8.0000	8.0000	42.667	4.0000	4.0000
No 159 York Way Party Wall	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 159 York Way Frontage	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 161 York Way Frontage	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 161 York Way Party Wall	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 161 York Way Lightwell / Rear Extension	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 161 York Way Rear Extension	8.0000	Yes	170.67	8.0000	8.0000	42.667	4.0000	4.0000
No 161 York Way Rear Extension	8.0000	Yes	170.67	8.0000	8.0000	42.667	4.0000	4.0000
No 1 Cliff Road Garden Near Elevation	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 1 Cliff Road Garden Rear Elevation	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 1 Cliff Road Garden Far Elevation	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 1 Cliff Road Garden Side Elevation	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 1 Cliff Road Near Elevation	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 1 Cliff Road Rear Elevation	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 1 Cliff Road Far Elevation	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 1 Cliff Road Frontage	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000

Building Segment Combinations

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

No structures have segments combined.

Utility Strain Calculation Options

Neglect beneficial contribution of axial strains : No

Warnings

1 Specific Building 8 and Specific Building 12 have the same structure and sub-structure names.
2 Specific Building 10 and Specific Building 11 have the same structure and sub-structure names.
3 Specific Building 17 and Specific Building 18 have the same structure and sub-structure names.

Errors

None

Displacement and Strain Results

Type/No. Name	Dist.	Coordinates x	y	z	Displacements x	y	z	Horizontal displacement along Line	Horizontal displacement perpendicular to Line	Angle of Line to x Axis	
	[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	
1) No 155 Frontage	Line 1	0.00000	6.05000	-3.00000	0.0	0.0	0.010100	0.0	0.0	90.000	*
	1.9833	0.00000	8.03333	-3.00000	0.0	0.0	0.012490	0.0	0.0	90.000	*
	3.9667	0.00000	10.01667	-3.00000	0.0	0.0	0.015204	0.0	0.0	90.000	*
	5.9500	0.00000	12.00000	-3.00000	0.0	0.0	0.017654	0.0	0.0	90.000	*
	7.9333	0.00000	13.98333	-3.00000	0.0	0.0	0.019456	0.0	0.0	90.000	*
	9.9167	0.00000	15.96667	-3.00000	0.0	0.0	0.020463	0.0	0.0	90.000	*
	11.900	0.00000	17.95000	-3.00000	0.0	0.0	0.020711	0.0	0.0	90.000	*
2) No 155 Far Elevation	Line 2	0.05000	18.00000	-3.00000	0.0	0.0	0.020711	0.0	0.0	0.0	*
	1.8429	1.89286	18.00000	-3.00000	0.0	0.0	0.020451	0.0	0.0	0.0	*
	3.6857	3.73571	18.00000	-3.00000	0.0	0.0	0.019360	0.0	0.0	0.0	*
	5.5286	5.57857	18.00000	-3.00000	0.0	0.0	0.017286	0.0	0.0	0.0	*
	7.3714	7.42143	18.00000	-3.00000	0.0	0.0	0.014199	0.0	0.0	0.0	*
	9.2143	9.26429	18.00000	-3.00000	0.0	0.0	0.010285	0.0	0.0	0.0	*
	11.057	11.10714	18.00000	-3.00000	0.0	0.0	0.0060131	0.0	0.0	0.0	*
	12.900	12.95000	18.00000	-3.00000	0.0	0.0	0.0021080	0.0	0.0	0.0	*
3) No 155 Far Elevation (Garden)	Line 3	13.00000	18.00000	-3.00000	0.0	0.0	0.0020150	0.0	0.0	0.0	*
	0.98750	13.98750	18.00000	-3.00000	0.0	0.0	380.73E-6	0.0	0.0	0.0	*
	1.9750	14.97500	18.00000	-3.00000	0.0	0.0	-794.45E-6	0.0	0.0	0.0	*
	2.9625	15.96250	18.00000	-3.00000	0.0	0.0	-0.0014283	0.0	0.0	0.0	*
	3.9500	16.95000	18.00000	-3.00000	0.0	0.0	-0.0014767	0.0	0.0	0.0	*
4) No 155 Rear Elevation (Garden)	Line 4	17.00000	17.95000	-3.00000	0.0	0.0	-0.0019508	0.0	0.0	270.00	*
	1.9833	17.00000	15.96667	-3.00000	0.0	0.0	-0.030091	0.0	0.0	270.00	*
	3.9667	17.00000	13.98333	-3.00000	0.0	0.0	-0.085638	0.0	0.0	270.00	*
	5.9500	17.00000	12.00000	-3.00000	0.0	0.0	-0.19625	0.0	0.0	270.00	*
	7.9333	17.00000	10.01667	-3.00000	0.0	0.0	-0.42784	0.0	0.0	270.00	*
	9.9167	17.00000	8.03333	-3.00000	0.0	0.0	-0.97707	0.0	0.0	270.00	*
	11.900	17.00000	6.05000	-3.00000	0.0	0.0	-2.9083	0.0	0.0	270.00	*
5) No 155 / 157 Party Wall (Garden)	Line 5	16.95000	6.00000	-3.00000	0.0	0.0	-3.0046	0.0	0.0	180.00	*
	0.97500	15.97500	6.00000	-3.00000	0.0	0.0	-3.0182	0.0	0.0	180.00	*
	1.9500	15.00000	6.00000	-3.00000	0.0	0.0	-3.0767	0.0	0.0	180.00	*
	2.9250	14.02500	6.00000	-3.00000	0.0	0.0	-2.9486	0.0	0.0	180.00	*
	3.9000	13.05000	6.00000	-3.00000	0.0	0.0	-2.1163	0.0	0.0	180.00	*

Type/No. Name	Dist.	Coordinates x	y	z	Displacements x	y	z	Horizontal displacement	Horizontal displacement	Angle of Line to x Axis	
6) No 155 / 157 Party Wall	Line 6	12.95000	6.00000	-3.00000	0.0	0.0	-1.9278	0.0	0.0	180.00	*
	1.8429	11.10714	6.00000	-3.00000	0.0	0.0	-0.73701	0.0	0.0	180.00	*
	3.6857	9.26429	6.00000	-3.00000	0.0	0.0	-0.35999	0.0	0.0	180.00	*
	5.5286	7.42143	6.00000	-3.00000	0.0	0.0	-0.17864	0.0	0.0	180.00	*
	7.3714	5.57857	6.00000	-3.00000	0.0	0.0	-0.083694	0.0	0.0	180.00	*
	9.2143	3.73571	6.00000	-3.00000	0.0	0.0	-0.032466	0.0	0.0	180.00	*
	11.057	1.89286	6.00000	-3.00000	0.0	0.0	-0.0047962	0.0	0.0	180.00	*
	12.900	0.05000	6.00000	-3.00000	0.0	0.0	0.0097761	0.0	0.0	180.00	*
7) No 155 Rear Elevation	Line 7	13.00000	6.05000	-3.00000	0.0	0.0	-1.9279	0.0	0.0	90.000	*
	1.9833	13.00000	8.03333	-3.00000	0.0	0.0	-0.70037	0.0	0.0	90.000	*
	3.9667	13.00000	10.01667	-3.00000	0.0	0.0	-0.32976	0.0	0.0	90.000	*
	5.9500	13.00000	12.00000	-3.00000	0.0	0.0	-0.15655	0.0	0.0	90.000	*
	7.9333	13.00000	13.98333	-3.00000	0.0	0.0	-0.068342	0.0	0.0	90.000	*
	9.9167	13.00000	15.96667	-3.00000	0.0	0.0	-0.022275	0.0	0.0	90.000	*
	11.900	13.00000	17.95000	-3.00000	0.0	0.0	0.0015984	0.0	0.0	90.000	*
8) No 157 / 159 Party Wall	Line 8	0.00000	0.00000	-3.00000	0.0	0.0	0.010033	0.0	0.0	0.0	*
	1.8500	1.85000	0.00000	-3.00000	0.0	0.0	-0.0044000	0.0	0.0	0.0	*
	3.7000	3.70000	0.00000	-3.00000	0.0	0.0	-0.031916	0.0	0.0	0.0	*
	5.5500	5.55000	0.00000	-3.00000	0.0	0.0	-0.083033	0.0	0.0	0.0	*
	7.4000	7.40000	0.00000	-3.00000	0.0	0.0	-0.17808	0.0	0.0	0.0	*
	9.2500	9.25000	0.00000	-3.00000	0.0	0.0	-0.36023	0.0	0.0	0.0	*
	11.100	11.10000	0.00000	-3.00000	0.0	0.0	-0.74029	0.0	0.0	0.0	*
	12.950	12.95000	0.00000	-3.00000	0.0	0.0	-1.9426	0.0	0.0	0.0	*
9) No 159 Lighwell / Rear Elevation	Line 9	13.00000	-0.05000	-3.00000	0.0	0.0	-1.9431	0.0	0.0	270.00	*
	0.98333	13.00000	-1.03333	-3.00000	0.0	0.0	-1.0850	0.0	0.0	270.00	*
	1.9667	13.00000	-2.01667	-3.00000	0.0	0.0	-0.71633	0.0	0.0	270.00	*
	2.9500	13.00000	-3.00000	-3.00000	0.0	0.0	-0.49033	0.0	0.0	270.00	*
	3.9333	13.00000	-3.98333	-3.00000	0.0	0.0	-0.34021	0.0	0.0	270.00	*
	4.9167	13.00000	-4.96667	-3.00000	0.0	0.0	-0.23640	0.0	0.0	270.00	*
	5.9000	13.00000	-5.95000	-3.00000	0.0	0.0	-0.16295	0.0	0.0	270.00	*
10) No 159 Rear Extension	Line 10	12.95000	-3.00000	-3.00000	0.0	0.0	-0.48585	0.0	0.0	180.00	*
	0.98750	11.96250	-3.00000	-3.00000	0.0	0.0	-0.39560	0.0	0.0	180.00	*
	1.9750	10.97500	-3.00000	-3.00000	0.0	0.0	-0.30978	0.0	0.0	180.00	*
	2.9625	9.98750	-3.00000	-3.00000	0.0	0.0	-0.23536	0.0	0.0	180.00	*
	3.9500	9.00000	-3.00000	-3.00000	0.0	0.0	-0.17424	0.0	0.0	180.00	*
11) No 159 Rear Extension	Line 11	9.00000	-2.95000	-3.00000	0.0	0.0	-0.17655	0.0	0.0	90.000	*
	0.96667	9.00000	-1.98333	-3.00000	0.0	0.0	-0.22409	0.0	0.0	90.000	*
	1.9333	9.00000	-1.01667	-3.00000	0.0	0.0	-0.27515	0.0	0.0	90.000	*
	2.9000	9.00000	-0.05000	-3.00000	0.0	0.0	-0.32530	0.0	0.0	90.000	*
12) No 159 / 161 Party Wall	Line 12	13.00000	-6.00000	-3.00000	0.0	0.0	-0.15983	0.0	0.0	180.00	*
	1.8571	11.14286	-6.00000	-3.00000	0.0	0.0	-0.11598	0.0	0.0	180.00	*
	3.7143	9.28571	-6.00000	-3.00000	0.0	0.0	-0.073161	0.0	0.0	180.00	*
	5.5714	7.42857	-6.00000	-3.00000	0.0	0.0	-0.038547	0.0	0.0	180.00	*
	7.4286	5.57143	-6.00000	-3.00000	0.0	0.0	-0.013766	0.0	0.0	180.00	*
	9.2857	3.71429	-6.00000	-3.00000	0.0	0.0	0.0024748	0.0	0.0	180.00	*
	11.143	1.85714	-6.00000	-3.00000	0.0	0.0	0.012293	0.0	0.0	180.00	*
	13.000	0.00000	-6.00000	-3.00000	0.0	0.0	0.017663	0.0	0.0	180.00	*
13) No 159 Frontage	Line 13	0.00000	-5.95000	-3.00000	0.0	0.0	0.017608	0.0	0.0	90.000	*
	0.98333	0.00000	-4.96667	-3.00000	0.0	0.0	0.016440	0.0	0.0	90.000	*
	1.9667	0.00000	-3.98333	-3.00000	0.0	0.0	0.015151	0.0	0.0	90.000	*
	2.9500	0.00000	-3.00000	-3.00000	0.0	0.0	0.013799	0.0	0.0	90.000	*
	3.9333	0.00000	-2.01667	-3.00000	0.0	0.0	0.012450	0.0	0.0	90.000	*
	4.9167	0.00000	-1.03333	-3.00000	0.0	0.0	0.011185	0.0	0.0	90.000	*
	5.9000	0.00000	-0.05000	-3.00000	0.0	0.0	0.010083	0.0	0.0	90.000	*
14) No 161 Frontage	Line 14	0.00000	-6.05000	-3.00000	0.0	0.0	0.017718	0.0	0.0	270.00	*
	0.98333	0.00000	-7.03333	-3.00000	0.0	0.0	0.018707	0.0	0.0	270.00	*
	1.9667	0.00000	-8.01667	-3.00000	0.0	0.0	0.019507	0.0	0.0	270.00	*
	2.9500	0.00000	-9.00000	-3.00000	0.0	0.0	0.020109	0.0	0.0	270.00	*
	3.9333	0.00000	-9.98333	-3.00000	0.0	0.0	0.020512	0.0	0.0	270.00	*
	4.9167	0.00000	-10.96667	-3.00000	0.0	0.0	0.020727	0.0	0.0	270.00	*
	5.9000	0.00000	-11.95000	-3.00000	0.0	0.0	0.020767	0.0	0.0	270.00	*
15) No 161 / 163 Party Wall	Line 15	0.00000	-12.00000	-3.00000	0.0	0.0	0.020765	0.0	0.0	0.0	*
	1.8571	1.85714	-12.00000	-3.00000	0.0	0.0	0.020513	0.0	0.0	0.0	*
	3.7143	3.71429	-12.00000	-3.00000	0.0	0.0	0.019410	0.0	0.0	0.0	*
	5.5714	5.57143	-12.00000	-3.00000	0.0	0.0	0.017295	0.0	0.0	0.0	*
	7.4286	7.42857	-12.00000	-3.00000	0.0	0.0	0.014130	0.0	0.0	0.0	*
	9.2857	9.28571	-12.00000	-3.00000	0.0	0.0	0.010106	0.0	0.0	0.0	*
	11.143	11.14286	-12.00000	-3.00000	0.0	0.0	0.0057095	0.0	0.0	0.0	*
	13.000	13.00000	-12.00000	-3.00000	0.0	0.0	0.0017006	0.0	0.0	0.0	*
16) No 161 Lightwell / Rear Elevation	Line 16	13.00000	-11.95000	-3.00000	0.0	0.0	0.0012761	0.0	0.0	90.000	*
	0.98333	13.00000	-10.96667	-3.00000	0.0	0.0	-0.0087616	0.0	0.0	90.000	*
	1.9667	13.00000	-9.98333	-3.00000	0.0	0.0	-0.022771	0.0	0.0	90.000	*
	2.9500	13.00000	-9.00000	-3.00000	0.0	0.0	-0.042169	0.0	0.0	90.000	*
	3.9333	13.00000	-8.01667	-3.00000	0.0	0.0	-0.068920	0.0	0.0	90.000	*
	4.9167	13.00000	-7.03333	-3.00000	0.0	0.0	-0.10579	0.0	0.0	90.000	*
	5.9000	13.00000	-6.05000	-3.00000	0.0	0.0	-0.15676	0.0	0.0	90.000	*
17) No 161 Rear Extension	Line 17	9.00000	-11.95000	-3.00000	0.0	0.0	0.010527	0.0	0.0	90.000	*
	0.96667	9.00000	-10.98333	-3.00000	0.0	0.0	0.0050601	0.0	0.0	90.000	*
	1.9333	9.00000	-10.01667	-3.00000	0.0	0.0	-0.0023654	0.0	0.0	90.000	*
	2.9000	9.00000	-9.05000	-3.00000	0.0	0.0	-0.012262	0.0	0.0	90.000	*
18) No 161 Rear Extension	Line 18	9.00000	-9.00000	-3.00000	0.0	0.0	-0.012852	0.0	0.0	0.0	*
	0.98750	9.98750	-9.00000	-3.00000	0.0	0.0	-0.020141	0.0	0.0	0.0	*
	1.9750	10.97500	-9.00000	-3.00000	0.0	0.0	-0.027677	0.0	0.0	0.0	*
	2.9625	11.96250	-9.00000	-3.00000	0.0	0.0	-0.035068	0.0	0.0	0.0	*
	3.9500	12.95000	-9.00000	-3.00000	0.0	0.0	-0.041850	0.0	0.0	0.0	*
19) No 1 CR Garden Near Elevation	Line 19	24.00000	7.00000	-3.00000	0.0	0.0	-0.27658	0.0	0.0	270.00	*
	1.8571	24.00000	5.14286	-3.00000	0.0	0.0	-0.37153	0.0	0.0	270.00	*
	3.7143	24.00000	3.28571	-3.00000	0.0	0.0	-0.41946	0.0	0.0	270.00	*
	5.5714	24.00000	1.42857	-3.00000	0.0	0.0	-0.39475	0.0	0.0	270.00	*
	7.4286	24.00000	-0.42857	-3.00000	0.0	0.0	-0.31062	0.0	0.0	270.00	*
	9.2857	24.00000	-2.28571	-3.00000	0.0	0.0	-0.20991	0.0	0.0	270.00	*
	11.143	24.00000	-4.14286	-3.00000	0.0	0.0	-0.12634	0.0	0.0	270.00	*
	13.000	24.00000	-6.00000	-3.00000	0.0	0.0	-0.067502	0.0	0.0	270.00	*
20) No 1 CR Garden Rear Elevation	Line 20	24.05000	-6.00000	-3.00000	0.0	0.0	-0.066498	0.0	0.0	0.0	*
	0.98750	25.03750	-6.00000	-3.00000	0.0	0.0	-0.048073	0.0	0.0	0.0	*
	1.9750	26.02500	-6.00000	-3.00000	0.0	0.0	-0.032402	0.0	0.0	0.0	*
	2.9625	27.01250	-6.00000	-3.00000	0.0	0.0	-0.019438	0.0	0.0	0.0	*
	3.9500	28.00000	-6.00000	-3.00000	0.0	0.0	-0.0089662	0.0	0.0	0.0	*

Type/No. Name	Dist.	Coordinates x	y	z	Displacements x	y	z	Horizontal displacement	Horizontal displacement	Angle of Line to x Axis	
	4.9375	28.98750	-6.00000	-3.00000	0.0	0.0	-690.98E-6	0.0	0.0	0.0	*
	5.9250	29.97500	-6.00000	-3.00000	0.0	0.0	0.0057090	0.0	0.0	0.0	*
	6.9125	30.96250	-6.00000	-3.00000	0.0	0.0	0.010545	0.0	0.0	0.0	*
	7.9000	31.95000	-6.00000	-3.00000	0.0	0.0	0.014101	0.0	0.0	0.0	*
21) No 1 CR Garden Far Elevation	Line 21	32.00000	-6.00000	-3.00000	0.0	0.0	0.014252	0.0	0.0	90.000	*
	0.99286	32.00000	-5.00714	-3.00000	0.0	0.0	0.012342	0.0	0.0	90.000	*
	1.9857	32.00000	-4.01429	-3.00000	0.0	0.0	0.010254	0.0	0.0	90.000	*
	2.9786	32.00000	-3.02143	-3.00000	0.0	0.0	0.0080711	0.0	0.0	90.000	*
	3.9714	32.00000	-2.02857	-3.00000	0.0	0.0	0.0058997	0.0	0.0	90.000	*
	4.9643	32.00000	-1.03571	-3.00000	0.0	0.0	0.0038633	0.0	0.0	90.000	*
	5.9571	32.00000	-0.04286	-3.00000	0.0	0.0	0.0020924	0.0	0.0	90.000	*
	6.9500	32.00000	0.95000	-3.00000	0.0	0.0	711.81E-6	0.0	0.0	90.000	*
22) No 1 CR Garden Side Elevation	Line 22	24.05000	7.00000	-3.00000	0.0	0.0	-0.27169	0.0	0.0	0.0	*
	0.95000	25.00000	7.00000	-3.00000	0.0	0.0	-0.19274	0.0	0.0	0.0	*
	1.9000	25.95000	7.00000	-3.00000	0.0	0.0	-0.13490	0.0	0.0	0.0	*
23) No 1 CR Near Elevation	Line 23	26.00000	10.00000	-3.00000	0.0	0.0	-0.066111	0.0	0.0	270.00	*
	1.0000	26.00000	9.00000	-3.00000	0.0	0.0	-0.086921	0.0	0.0	270.00	*
	2.0000	26.00000	8.00000	-3.00000	0.0	0.0	-0.10943	0.0	0.0	270.00	*
	3.0000	26.00000	7.00000	-3.00000	0.0	0.0	-0.13232	0.0	0.0	270.00	*
	4.0000	26.00000	6.00000	-3.00000	0.0	0.0	-0.15368	0.0	0.0	270.00	*
	5.0000	26.00000	5.00000	-3.00000	0.0	0.0	-0.17125	0.0	0.0	270.00	*
	6.0000	26.00000	4.00000	-3.00000	0.0	0.0	-0.18291	0.0	0.0	270.00	*
	7.0000	26.00000	3.00000	-3.00000	0.0	0.0	-0.18712	0.0	0.0	270.00	*
	8.0000	26.00000	2.00000	-3.00000	0.0	0.0	-0.18330	0.0	0.0	270.00	*
	9.0000	26.00000	1.00000	-3.00000	0.0	0.0	-0.17198	0.0	0.0	270.00	*
24) No 1 CR Rear Elevation	Line 24	26.05000	1.00000	-3.00000	0.0	0.0	-0.16856	0.0	0.0	0.0	*
	0.98333	27.03333	1.00000	-3.00000	0.0	0.0	-0.11249	0.0	0.0	0.0	*
	1.9667	28.01667	1.00000	-3.00000	0.0	0.0	-0.072878	0.0	0.0	0.0	*
	2.9500	29.00000	1.00000	-3.00000	0.0	0.0	-0.044651	0.0	0.0	0.0	*
	3.9333	29.98333	1.00000	-3.00000	0.0	0.0	-0.024463	0.0	0.0	0.0	*
	4.9167	30.96667	1.00000	-3.00000	0.0	0.0	-0.010036	0.0	0.0	0.0	*
	5.9000	31.95000	1.00000	-3.00000	0.0	0.0	222.24E-6	0.0	0.0	0.0	*
25) No 1 CR Far Elevation	Line 25	32.00000	1.00000	-3.00000	0.0	0.0	654.61E-6	0.0	0.0	90.000	*
	1.0000	32.00000	2.00000	-3.00000	0.0	0.0	-209.07E-6	0.0	0.0	90.000	*
	2.0000	32.00000	3.00000	-3.00000	0.0	0.0	-498.19E-6	0.0	0.0	90.000	*
	3.0000	32.00000	4.00000	-3.00000	0.0	0.0	-189.37E-6	0.0	0.0	90.000	*
	4.0000	32.00000	5.00000	-3.00000	0.0	0.0	691.87E-6	0.0	0.0	90.000	*
	5.0000	32.00000	6.00000	-3.00000	0.0	0.0	0.0020748	0.0	0.0	90.000	*
	6.0000	32.00000	7.00000	-3.00000	0.0	0.0	0.0038534	0.0	0.0	90.000	*
	7.0000	32.00000	8.00000	-3.00000	0.0	0.0	0.0059005	0.0	0.0	90.000	*
	8.0000	32.00000	9.00000	-3.00000	0.0	0.0	0.0080826	0.0	0.0	90.000	*
	9.0000	32.00000	10.00000	-3.00000	0.0	0.0	0.010274	0.0	0.0	90.000	*
26) No 1 CR Frontage	Line 26	31.95000	10.00000	-3.00000	0.0	0.0	0.010043	0.0	0.0	180.00	*
	0.98333	30.96667	10.00000	-3.00000	0.0	0.0	0.0046130	0.0	0.0	180.00	*
	1.9667	29.98333	10.00000	-3.00000	0.0	0.0	-0.0028053	0.0	0.0	180.00	*
	2.9500	29.00000	10.00000	-3.00000	0.0	0.0	-0.012751	0.0	0.0	180.00	*
	3.9333	28.01667	10.00000	-3.00000	0.0	0.0	-0.025877	0.0	0.0	180.00	*
	4.9167	27.03333	10.00000	-3.00000	0.0	0.0	-0.042954	0.0	0.0	180.00	*
	5.9000	26.05000	10.00000	-3.00000	0.0	0.0	-0.064852	0.0	0.0	180.00	*

* Result includes imported displacement(s).

Specific Building Damage Results - Horizontal Displacements

Structure: No 155 York Way | Sub-structure: Frontage

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	0.00000	6.05000	-3.00000	0.0	0.0	0.0	0.0	d
1.9833	0.00000	8.03333	-3.00000	0.0	0.0	0.0	0.0	d
3.9667	0.00000	10.01667	-3.00000	0.0	0.0	0.0	0.0	d
5.9500	0.00000	12.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.9333	0.00000	13.98333	-3.00000	0.0	0.0	0.0	0.0	d
9.9167	0.00000	15.96667	-3.00000	0.0	0.0	0.0	0.0	d
11.900	0.00000	17.95000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Far Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	0.05000	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.8429	1.89286	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.6857	3.73571	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.5286	5.57857	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.3714	7.42143	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
9.2143	9.26429	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
11.057	11.10714	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
12.900	12.95000	18.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Far Elevation (Garden)

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	13.00000	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.98750	13.98750	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.9750	14.97500	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.9625	15.96250	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.9500	16.95000	18.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Rear Elevation (Garden)

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

[m]	[m]	[m]	[m]	[mm]	[mm]	Line [mm]	to Line [mm]	
0.0	17.00000	17.95000	-3.00000	0.0	0.0	0.0	0.0	d
1.9833	17.00000	15.96667	-3.00000	0.0	0.0	0.0	0.0	d
3.9667	17.00000	13.98333	-3.00000	0.0	0.0	0.0	0.0	d
5.9500	17.00000	12.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.9333	17.00000	10.01667	-3.00000	0.0	0.0	0.0	0.0	d
9.9167	17.00000	8.03333	-3.00000	0.0	0.0	0.0	0.0	d
11.900	17.00000	6.05000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Party Wall with site (Garden)

Dist.	Coordinates x	y	z	x	y	Displacements Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	16.95000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.97500	15.97500	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.9500	15.00000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.9250	14.02500	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.9000	13.05000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Party Wall with site

Dist.	Coordinates x	y	z	x	y	Displacements Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	12.95000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.8429	11.10714	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.6857	9.26429	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.5286	7.42143	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.3714	5.57857	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
9.2143	3.73571	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
11.057	1.89286	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
12.900	0.05000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Rear Elevation

Dist.	Coordinates x	y	z	x	y	Displacements Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	13.00000	6.05000	-3.00000	0.0	0.0	0.0	0.0	d
1.9833	13.00000	8.03333	-3.00000	0.0	0.0	0.0	0.0	d
3.9667	13.00000	10.01667	-3.00000	0.0	0.0	0.0	0.0	d
5.9500	13.00000	12.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.9333	13.00000	13.98333	-3.00000	0.0	0.0	0.0	0.0	d
9.9167	13.00000	15.96667	-3.00000	0.0	0.0	0.0	0.0	d
11.900	13.00000	17.95000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Party Wall

Dist.	Coordinates x	y	z	x	y	Displacements Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	0.00000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.8500	1.85000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.7000	3.70000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.5500	5.55000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.4000	7.40000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
9.2500	9.25000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
11.100	11.10000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
12.950	12.95000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Lightwell / Rear Extension

Dist.	Coordinates x	y	z	x	y	Displacements Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	13.00000	-0.05000	-3.00000	0.0	0.0	0.0	0.0	d
0.98333	13.00000	-1.03333	-3.00000	0.0	0.0	0.0	0.0	d
1.9667	13.00000	-2.01667	-3.00000	0.0	0.0	0.0	0.0	d
2.9500	13.00000	-3.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.9333	13.00000	-3.98333	-3.00000	0.0	0.0	0.0	0.0	d
4.9167	13.00000	-4.96667	-3.00000	0.0	0.0	0.0	0.0	d
5.9000	13.00000	-5.95000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Rear Extension

Dist.	Coordinates x	y	z	x	y	Displacements Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	12.95000	-3.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.98750	11.96250	-3.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.9750	10.97500	-3.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.9625	9.98750	-3.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.9500	9.00000	-3.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Rear Extension

Dist.	Coordinates x	y	z	x	y	Displacements Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	9.00000	-2.95000	-3.00000	0.0	0.0	0.0	0.0	d
0.96667	9.00000	-1.98333	-3.00000	0.0	0.0	0.0	0.0	d

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
						[mm]	[mm]
1.9333	9.00000	-1.01667	-3.00000	0.0	0.0	0.0	0.0 d
2.9000	9.00000	-0.05000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Party Wall

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	13.00000	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
1.8571	11.14286	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
3.7143	9.28571	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
5.5714	7.42857	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
7.4286	5.57143	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
9.2857	3.71429	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
11.143	1.85714	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
13.000	0.00000	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Frontage

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	0.00000	-5.95000	-3.00000	0.0	0.0	0.0	0.0 d
0.98333	0.00000	-4.96667	-3.00000	0.0	0.0	0.0	0.0 d
1.9667	0.00000	-3.98333	-3.00000	0.0	0.0	0.0	0.0 d
2.9500	0.00000	-3.00000	-3.00000	0.0	0.0	0.0	0.0 d
3.9333	0.00000	-2.01667	-3.00000	0.0	0.0	0.0	0.0 d
4.9167	0.00000	-1.03333	-3.00000	0.0	0.0	0.0	0.0 d
5.9000	0.00000	-0.05000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Frontage

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	0.00000	-6.05000	-3.00000	0.0	0.0	0.0	0.0 d
0.98333	0.00000	-7.03333	-3.00000	0.0	0.0	0.0	0.0 d
1.9667	0.00000	-8.01667	-3.00000	0.0	0.0	0.0	0.0 d
2.9500	0.00000	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d
3.9333	0.00000	-9.98333	-3.00000	0.0	0.0	0.0	0.0 d
4.9167	0.00000	-10.96667	-3.00000	0.0	0.0	0.0	0.0 d
5.9000	0.00000	-11.95000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Party Wall

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	0.00000	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
1.8571	1.85714	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
3.7143	3.71429	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
5.5714	5.57143	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
7.4286	7.42857	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
9.2857	9.28571	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
11.143	11.14286	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
13.000	13.00000	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Lightwell / Rear Extension

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	13.00000	-11.95000	-3.00000	0.0	0.0	0.0	0.0 d
0.98333	13.00000	-10.96667	-3.00000	0.0	0.0	0.0	0.0 d
1.9667	13.00000	-9.98333	-3.00000	0.0	0.0	0.0	0.0 d
2.9500	13.00000	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d
3.9333	13.00000	-8.01667	-3.00000	0.0	0.0	0.0	0.0 d
4.9167	13.00000	-7.03333	-3.00000	0.0	0.0	0.0	0.0 d
5.9000	13.00000	-6.05000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Rear Extension

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	9.00000	-11.95000	-3.00000	0.0	0.0	0.0	0.0 d
0.96667	9.00000	-10.98333	-3.00000	0.0	0.0	0.0	0.0 d
1.9333	9.00000	-10.01667	-3.00000	0.0	0.0	0.0	0.0 d
2.9000	9.00000	-9.05000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Rear Extension

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	9.00000	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d
0.98750	9.98750	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d
1.9750	10.97500	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d
2.9625	11.96250	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d
3.9500	12.95000	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Near Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	24.00000	7.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.8571	24.00000	5.14286	-3.00000	0.0	0.0	0.0	0.0	d
3.7143	24.00000	3.28571	-3.00000	0.0	0.0	0.0	0.0	d
5.5714	24.00000	1.42857	-3.00000	0.0	0.0	0.0	0.0	d
7.4286	24.00000	-0.42857	-3.00000	0.0	0.0	0.0	0.0	d
9.2857	24.00000	-2.28571	-3.00000	0.0	0.0	0.0	0.0	d
11.143	24.00000	-4.14286	-3.00000	0.0	0.0	0.0	0.0	d
13.000	24.00000	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Rear Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	24.05000	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.98750	25.03750	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.9750	26.02500	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.9625	27.01250	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.9500	28.00000	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
4.9375	28.98750	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.9250	29.97500	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
6.9125	30.96250	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.9000	31.95000	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Far Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	32.00000	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.99286	32.00000	-5.00714	-3.00000	0.0	0.0	0.0	0.0	d
1.9857	32.00000	-4.01429	-3.00000	0.0	0.0	0.0	0.0	d
2.9786	32.00000	-3.02143	-3.00000	0.0	0.0	0.0	0.0	d
3.9714	32.00000	-2.02857	-3.00000	0.0	0.0	0.0	0.0	d
4.9643	32.00000	-1.03571	-3.00000	0.0	0.0	0.0	0.0	d
5.9571	32.00000	-0.04286	-3.00000	0.0	0.0	0.0	0.0	d
6.9500	32.00000	0.95000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Side Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	24.05000	7.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.95000	25.00000	7.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.9000	25.95000	7.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Near Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	26.00000	10.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.0000	26.00000	9.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.0000	26.00000	8.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.0000	26.00000	7.00000	-3.00000	0.0	0.0	0.0	0.0	d
4.0000	26.00000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.0000	26.00000	5.00000	-3.00000	0.0	0.0	0.0	0.0	d
6.0000	26.00000	4.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.0000	26.00000	3.00000	-3.00000	0.0	0.0	0.0	0.0	d
8.0000	26.00000	2.00000	-3.00000	0.0	0.0	0.0	0.0	d
9.0000	26.00000	1.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Rear Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	26.05000	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.98333	27.03333	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.9667	28.01667	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.9500	29.00000	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.9333	29.98333	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
4.9167	30.96667	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.9000	31.95000	1.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Far Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	32.00000	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.0000	32.00000	2.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.0000	32.00000	3.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.0000	32.00000	4.00000	-3.00000	0.0	0.0	0.0	0.0	d
4.0000	32.00000	5.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.0000	32.00000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
6.0000	32.00000	7.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.0000	32.00000	8.00000	-3.00000	0.0	0.0	0.0	0.0	d
8.0000	32.00000	9.00000	-3.00000	0.0	0.0	0.0	0.0	d

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the	Horizontal displacement perpendicular
9.0000	32.00000	10.00000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Frontage

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements x [mm]	y [mm]	Horizontal displacement along the Line [mm]	Horizontal displacement perpendicular to Line [mm]
0.0	31.95000	10.00000	-3.00000	0.0	0.0	0.0	0.0 d
0.98333	30.96667	10.00000	-3.00000	0.0	0.0	0.0	0.0 d
1.9667	29.98333	10.00000	-3.00000	0.0	0.0	0.0	0.0 d
2.9500	29.00000	10.00000	-3.00000	0.0	0.0	0.0	0.0 d
3.9333	28.01667	10.00000	-3.00000	0.0	0.0	0.0	0.0 d
4.9167	27.03333	10.00000	-3.00000	0.0	0.0	0.0	0.0 d
5.9000	26.05000	10.00000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Specific Building Damage Results - Vertical Displacements

Structure: No 155 York Way | Sub-structure: Frontage

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	0.00000	6.05000	-3.00000	0.010100 d
1.9833	0.00000	8.03333	-3.00000	0.012490 d
3.9667	0.00000	10.01667	-3.00000	0.015204 d
5.9500	0.00000	12.00000	-3.00000	0.017654 d
7.9333	0.00000	13.98333	-3.00000	0.019456 d
9.9167	0.00000	15.96667	-3.00000	0.020463 d
11.900	0.00000	17.95000	-3.00000	0.020711 d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Far Elevation

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	0.05000	18.00000	-3.00000	0.020711 d
1.8429	1.89286	18.00000	-3.00000	0.020451 d
3.6857	3.73571	18.00000	-3.00000	0.019360 d
5.5286	5.57857	18.00000	-3.00000	0.017286 d
7.3714	7.42143	18.00000	-3.00000	0.014199 d
9.2143	9.26429	18.00000	-3.00000	0.010285 d
11.057	11.10714	18.00000	-3.00000	0.0060131 d
12.900	12.95000	18.00000	-3.00000	0.0021080 d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Far Elevation (Garden)

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	13.00000	18.00000	-3.00000	0.0020150 d
0.98750	13.98750	18.00000	-3.00000	380.73E-6 d
1.9750	14.97500	18.00000	-3.00000	-794.45E-6 d
2.9625	15.96250	18.00000	-3.00000	-0.0014283 d
3.9500	16.95000	18.00000	-3.00000	-0.0014767 d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Rear Elevation (Garden)

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	17.00000	17.95000	-3.00000	-0.0019508 d
1.9833	17.00000	15.96667	-3.00000	-0.030091 d
3.9667	17.00000	13.98333	-3.00000	-0.085638 d
5.9500	17.00000	12.00000	-3.00000	-0.19625 d
7.9333	17.00000	10.01667	-3.00000	-0.42784 d
9.9167	17.00000	8.03333	-3.00000	-0.97707 d
11.900	17.00000	6.05000	-3.00000	-2.9083 d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Party Wall with site (Garden)

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	16.95000	6.00000	-3.00000	-3.0046 d
0.97500	15.97500	6.00000	-3.00000	-3.0182 d
1.9500	15.00000	6.00000	-3.00000	-3.0767 d
2.9250	14.02500	6.00000	-3.00000	-2.9486 d
3.9000	13.05000	6.00000	-3.00000	-2.1163 d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Party Wall with site

Dist. [m]	Coordinates x [m]	y [m]	z [m]	Displacements z [mm]
Vertical Offset 1				
0.0	12.95000	6.00000	-3.00000	-1.9278 d
1.8429	11.10714	6.00000	-3.00000	-0.73701 d
3.6857	9.26429	6.00000	-3.00000	-0.35999 d
5.5286	7.42143	6.00000	-3.00000	-0.17864 d
7.3714	5.57857	6.00000	-3.00000	-0.083694 d
9.2143	3.73571	6.00000	-3.00000	-0.032466 d
11.057	1.89286	6.00000	-3.00000	-0.0047962 d
12.900	0.05000	6.00000	-3.00000	0.0097761 d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Rear Elevation

Dist.	Coordinates			Displacements

Dist.	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	13.00000	6.05000	-3.00000	-1.9279 d
1.9833	13.00000	8.03333	-3.00000	-0.70037 d
3.9667	13.00000	10.01667	-3.00000	-0.32976 d
5.9500	13.00000	12.00000	-3.00000	-0.15655 d
7.9333	13.00000	13.98333	-3.00000	-0.068342 d
9.9167	13.00000	15.96667	-3.00000	-0.022275 d
11.900	13.00000	17.95000	-3.00000	0.0015984 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Party Wall

Dist.	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	0.00000	0.00000	-3.00000	0.010033 d
1.8500	1.85000	0.00000	-3.00000	-0.0044000 d
3.7000	3.70000	0.00000	-3.00000	-0.031916 d
5.5500	5.55000	0.00000	-3.00000	-0.083033 d
7.4000	7.40000	0.00000	-3.00000	-0.17808 d
9.2500	9.25000	0.00000	-3.00000	-0.36023 d
11.100	11.10000	0.00000	-3.00000	-0.74029 d
12.950	12.95000	0.00000	-3.00000	-1.9426 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Lightwell / Rear Extension

Dist.	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	13.00000	-0.05000	-3.00000	-1.9431 d
0.98333	13.00000	-1.03333	-3.00000	-1.0850 d
1.9667	13.00000	-2.01667	-3.00000	-0.71633 d
2.9500	13.00000	-3.00000	-3.00000	-0.49033 d
3.9333	13.00000	-3.98333	-3.00000	-0.34021 d
4.9167	13.00000	-4.96667	-3.00000	-0.23640 d
5.9000	13.00000	-5.95000	-3.00000	-0.16295 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Rear Extension

Dist.	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	12.95000	-3.00000	-3.00000	-0.48585 d
0.98750	11.96250	-3.00000	-3.00000	-0.39560 d
1.9750	10.97500	-3.00000	-3.00000	-0.30978 d
2.9625	9.98750	-3.00000	-3.00000	-0.23536 d
3.9500	9.00000	-3.00000	-3.00000	-0.17424 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Rear Extension

Dist.	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	9.00000	-2.95000	-3.00000	-0.17655 d
0.96667	9.00000	-1.98333	-3.00000	-0.22409 d
1.9333	9.00000	-1.01667	-3.00000	-0.27515 d
2.9000	9.00000	-0.05000	-3.00000	-0.32530 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Party Wall

Dist.	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	13.00000	-6.00000	-3.00000	-0.15983 d
1.8571	11.14286	-6.00000	-3.00000	-0.11598 d
3.7143	9.28571	-6.00000	-3.00000	-0.073161 d
5.5714	7.42857	-6.00000	-3.00000	-0.038547 d
7.4286	5.57143	-6.00000	-3.00000	-0.013766 d
9.2857	3.71429	-6.00000	-3.00000	0.0024748 d
11.143	1.85714	-6.00000	-3.00000	0.012293 d
13.000	0.00000	-6.00000	-3.00000	0.017663 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Frontage

Dist.	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	0.00000	-5.95000	-3.00000	0.017608 d
0.98333	0.00000	-4.96667	-3.00000	0.016440 d
1.9667	0.00000	-3.98333	-3.00000	0.015151 d
2.9500	0.00000	-3.00000	-3.00000	0.013799 d
3.9333	0.00000	-2.01667	-3.00000	0.012450 d
4.9167	0.00000	-1.03333	-3.00000	0.011185 d
5.9000	0.00000	-0.05000	-3.00000	0.010083 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Frontage

Dist.	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	0.00000	-6.05000	-3.00000	0.017718 d
0.98333	0.00000	-7.03333	-3.00000	0.018707 d
1.9667	0.00000	-8.01667	-3.00000	0.019507 d
2.9500	0.00000	-9.00000	-3.00000	0.020109 d
3.9333	0.00000	-9.98333	-3.00000	0.020512 d
4.9167	0.00000	-10.96667	-3.00000	0.020727 d
5.9000	0.00000	-11.95000	-3.00000	0.020767 d

d - Displacements include imported displacements.

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Structure: No 161 York Way | Sub-structure: Party Wall

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	0.00000	-12.00000	-3.00000	0.020765 d
1.8571	1.85714	-12.00000	-3.00000	0.020513 d
3.7143	3.71429	-12.00000	-3.00000	0.019410 d
5.5714	5.57143	-12.00000	-3.00000	0.017295 d
7.4286	7.42857	-12.00000	-3.00000	0.014130 d
9.2857	9.28571	-12.00000	-3.00000	0.010106 d
11.143	11.14286	-12.00000	-3.00000	0.0057095 d
13.000	13.00000	-12.00000	-3.00000	0.0017006 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Lightwell / Rear Extension

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	13.00000	-11.95000	-3.00000	0.0012761 d
0.98333	13.00000	-10.96667	-3.00000	-0.0087616 d
1.9667	13.00000	-9.98333	-3.00000	-0.022771 d
2.9500	13.00000	-9.00000	-3.00000	-0.042169 d
3.9333	13.00000	-8.01667	-3.00000	-0.068920 d
4.9167	13.00000	-7.03333	-3.00000	-0.10579 d
5.9000	13.00000	-6.05000	-3.00000	-0.15676 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Rear Extension

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	9.00000	-11.95000	-3.00000	0.010527 d
0.96667	9.00000	-10.98333	-3.00000	0.0050601 d
1.9333	9.00000	-10.01667	-3.00000	-0.0023654 d
2.9000	9.00000	-9.05000	-3.00000	-0.012262 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Rear Extension

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	9.00000	-9.00000	-3.00000	-0.012852 d
0.98750	9.98750	-9.00000	-3.00000	-0.020141 d
1.9750	10.97500	-9.00000	-3.00000	-0.027677 d
2.9625	11.96250	-9.00000	-3.00000	-0.035068 d
3.9500	12.95000	-9.00000	-3.00000	-0.041850 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Near Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	24.00000	7.00000	-3.00000	-0.27658 d
1.8571	24.00000	5.14286	-3.00000	-0.37153 d
3.7143	24.00000	3.28571	-3.00000	-0.41946 d
5.5714	24.00000	1.42857	-3.00000	-0.39475 d
7.4286	24.00000	-0.42857	-3.00000	-0.31062 d
9.2857	24.00000	-2.28571	-3.00000	-0.20991 d
11.143	24.00000	-4.14286	-3.00000	-0.12634 d
13.000	24.00000	-6.00000	-3.00000	-0.067502 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Rear Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	24.05000	-6.00000	-3.00000	-0.066498 d
0.98750	25.03750	-6.00000	-3.00000	-0.048073 d
1.9750	26.02500	-6.00000	-3.00000	-0.032402 d
2.9625	27.01250	-6.00000	-3.00000	-0.019438 d
3.9500	28.00000	-6.00000	-3.00000	-0.0089662 d
4.9375	28.98750	-6.00000	-3.00000	-690.98E-6 d
5.9250	29.97500	-6.00000	-3.00000	0.057090 d
6.9125	30.96250	-6.00000	-3.00000	0.010545 d
7.9000	31.95000	-6.00000	-3.00000	0.014101 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Far Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	32.00000	-6.00000	-3.00000	0.014252 d
0.99286	32.00000	-5.00714	-3.00000	0.012342 d
1.9857	32.00000	-4.01429	-3.00000	0.010254 d
2.9786	32.00000	-3.02143	-3.00000	0.0080711 d
3.9714	32.00000	-2.02857	-3.00000	0.0058997 d
4.9643	32.00000	-1.03571	-3.00000	0.0038633 d
5.9571	32.00000	-0.04286	-3.00000	0.0020924 d
6.9500	32.00000	0.95000	-3.00000	711.81E-6 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Side Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	24.05000	7.00000	-3.00000	-0.27169 d

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]	
0.95000	25.00000	7.00000	-3.00000	-0.19274 d
1.9000	25.95000	7.00000	-3.00000	-0.13490 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Near Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	26.00000	10.00000	-3.00000	-0.066111 d
1.0000	26.00000	9.00000	-3.00000	-0.086921 d
2.0000	26.00000	8.00000	-3.00000	-0.10943 d
3.0000	26.00000	7.00000	-3.00000	-0.13232 d
4.0000	26.00000	6.00000	-3.00000	-0.15368 d
5.0000	26.00000	5.00000	-3.00000	-0.17125 d
6.0000	26.00000	4.00000	-3.00000	-0.18291 d
7.0000	26.00000	3.00000	-3.00000	-0.18712 d
8.0000	26.00000	2.00000	-3.00000	-0.18330 d
9.0000	26.00000	1.00000	-3.00000	-0.17198 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Rear Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	26.05000	1.00000	-3.00000	-0.16856 d
0.98333	27.03333	1.00000	-3.00000	-0.11249 d
1.9667	28.01667	1.00000	-3.00000	-0.072878 d
2.9500	29.00000	1.00000	-3.00000	-0.044651 d
3.9333	29.98333	1.00000	-3.00000	-0.024463 d
4.9167	30.96667	1.00000	-3.00000	-0.010036 d
5.9000	31.95000	1.00000	-3.00000	222.24E-6 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Far Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	32.00000	1.00000	-3.00000	654.61E-6 d
1.0000	32.00000	2.00000	-3.00000	-209.07E-6 d
2.0000	32.00000	3.00000	-3.00000	-498.19E-6 d
3.0000	32.00000	4.00000	-3.00000	-189.37E-6 d
4.0000	32.00000	5.00000	-3.00000	691.87E-6 d
5.0000	32.00000	6.00000	-3.00000	0.0020748 d
6.0000	32.00000	7.00000	-3.00000	0.0038534 d
7.0000	32.00000	8.00000	-3.00000	0.0059005 d
8.0000	32.00000	9.00000	-3.00000	0.0080826 d
9.0000	32.00000	10.00000	-3.00000	0.010274 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Frontage

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	31.95000	10.00000	-3.00000	0.010043 d
0.98333	30.96667	10.00000	-3.00000	0.0046130 d
1.9667	29.98333	10.00000	-3.00000	-0.0028053 d
2.9500	29.00000	10.00000	-3.00000	-0.012751 d
3.9333	28.01667	10.00000	-3.00000	-0.025877 d
4.9167	27.03333	10.00000	-3.00000	-0.042954 d
5.9000	26.05000	10.00000	-3.00000	-0.064852 d

d - Displacements include imported displacements.

Specific Building Damage Results - All Segments

Structure: No 155 York Way | Sub-structure: Frontage

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	All settlements are less than the Settlement Trough Limit Sensitivity.										

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

Structure: No 155 York Way | Sub-structure: Far Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	All settlements are less than the Settlement Trough Limit Sensitivity.										

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

Structure: No 155 York Way | Sub-structure: Far Elevation (Garden)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	All settlements are less than the Settlement Trough Limit Sensitivity.										

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

Structure: No 155 York Way | Sub-structure: Rear Elevation (Garden)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	5.9500	5.9490	Sagging	0.017259	0.0	0.026218	0.0	973.72E-6	2386.3	0 (Negligible)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	0.86525	Sagging	0.0	0.0	0.0	0.0	13.998E-6	9258.9	0 (Negligible)
	2	0.86525	3.0337	Hogging	0.017851	0.0	0.016753	0.0	-853.63E-6	1139.9	0 (Negligible)

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

Structure: No 155 York Way | Sub-structure: Party Wall with site (Garden)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	5.5286	Sagging	0.010993	0.0	0.010425	0.0	-646.17E-6	3507.3	0 (Negligible)

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

Structure: No 155 York Way | Sub-structure: Party Wall with site

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	5.5286	Sagging	0.010993	0.0	0.010425	0.0	-646.17E-6	3507.3	0 (Negligible)

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

Structure: No 155 York Way | Sub-structure: Rear Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	5.9500	Sagging	0.010707	0.0	0.010072	0.0	-618.92E-6	3849.6	0 (Negligible)

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

Structure: No 159 York Way | Sub-structure: Party Wall

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	7.4000	5.5500	Sagging	0.011065	0.0	0.010490	0.0	649.88E-6	3498.4	0 (Negligible)

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

Structure: No 159 York Way | Sub-structure: Lightwell / Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	5.9000	Sagging	0.010735	0.0	0.016307	0.0	-872.66E-6	1678.1	0 (Negligible)

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

Structure: No 159 York Way | Sub-structure: Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	3.9490	Sagging	511.11E-6	0.0	481.05E-6	0.0	-91.389E-6	70676.	0 (Negligible)

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

Structure: No 159 York Way | Sub-structure: Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	2.0196	Sagging	88.371E-6	0.0	86.939E-6	0.0	52.825E-6	201590.	0 (Negligible)
	2	2.0196	0.88040	Hogging	0.0	0.0	0.0	0.0	51.882E-6	462440.	0 (Negligible)

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

Structure: No 159 York Way | Sub-structure: Party Wall

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	0.39162	Hogging	0.0	0.0	0.0	0.0	-23.613E-6	4.5644E+6	0 (Negligible)
	2	0.39162	1.4655	None	0.0	0.0	0.0	0.0	-23.613E-6	1.2197E+6	0 (Negligible)

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

Structure: No 159 York Way | Sub-structure: Frontage

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	All settlements are less than the Settlement Trough Limit Sensitivity.										

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

Structure: No 161 York Way | Sub-structure: Frontage

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

0.0 All settlements are less than the Settlement Trough Limit Sensitivity.

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

Structure: No 161 York Way | Sub-structure: Party Wall

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

0.0 All settlements are less than the Settlement Trough Limit Sensitivity.

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

Structure: No 161 York Way | Sub-structure: Lightwell / Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	4.9167	0.98233	Sagging	0.0	0.0	0.0	0.0	51.837E-6	64011.	0 (Negligible)

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

Structure: No 161 York Way | Sub-structure: Rear Extension

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

0.0 All settlements are less than the Settlement Trough Limit Sensitivity.

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

Structure: No 161 York Way | Sub-structure: Rear Extension

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

0.0 All settlements are less than the Settlement Trough Limit Sensitivity.

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

Structure: No 1 Cliff Road | Sub-structure: Garden Near Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	8.6171	Hogging	0.0018071	0.0	0.0026116	0.0	-54.228E-6	54949.	0 (Negligible)
	2	8.6171	2.5258	Sagging	178.28E-6	0.0	195.37E-6	0.0	-54.228E-6	151090.	0 (Negligible)

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

Structure: No 1 Cliff Road | Sub-structure: Garden Rear Elevation

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

0.0 All settlements are less than the Settlement Trough Limit Sensitivity.

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

Structure: No 1 Cliff Road | Sub-structure: Garden Far Elevation

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

0.0 All settlements are less than the Settlement Trough Limit Sensitivity.

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

Structure: No 1 Cliff Road | Sub-structure: Garden Side Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	1.8990	Sagging	550.22E-6	0.0	498.93E-6	0.0	-83.108E-6	42729.	0 (Negligible)

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

Structure: No 1 Cliff Road | Sub-structure: Near Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	2.0000	0.12515	Hogging	0.0	0.0	0.0	0.0	22.888E-6	4.3260E+6	0 (Negligible)
	2	2.1252	6.8748	Hogging	536.95E-6	0.0	525.89E-6	0.0	22.888E-6	129150.	0 (Negligible)

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

Structure: No 1 Cliff Road | Sub-structure: Rear Elevation

Vertical Offset from Line for Vertical Movement	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement	Max Gradient of Vertical Displacement	Min Radius of Curvature	Damage Category
Calculations											
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	0.98333	None		0.0	0.0	0.0	-57.016E-6	54577.	0 (Negligible)

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

Structure: No 1 Cliff Road | Sub-structure: Far Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement	Max Gradient of Vertical Displacement	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	All settlements are less than the Settlement Trough Limit Sensitivity.										

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

Structure: No 1 Cliff Road | Sub-structure: Frontage

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement	Max Gradient of Vertical Displacement	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	All settlements are less than the Settlement Trough Limit Sensitivity.										

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

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

Structure: No 155 York Way | Sub-structure: Frontage

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

Structure: No 155 York Way | Sub-structure: Far Elevation

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

Structure: No 155 York Way | Sub-structure: Far Elevation (Garden)

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

Structure: No 155 York Way | Sub-structure: Rear Elevation (Garden)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.017259	0.0	973.72E-6	2.9073	0.026218	0.0	973.72E-6	-	2386.3	0 (Negligible)

Structure: No 155 York Way | Sub-structure: Party Wall with site (Garden)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.017851	0.0	-853.63E-6	3.0760	0.016753	0.0	-853.63E-6	1139.9	9258.9	0 (Negligible)

Structure: No 155 York Way | Sub-structure: Party Wall with site

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.010993	0.0	-646.17E-6	1.9278	0.010425	0.0	-646.17E-6	-	3507.3	0 (Negligible)

Structure: No 155 York Way | Sub-structure: Rear Elevation

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.010707	0.0	-618.92E-6	1.9279	0.010072	0.0	-618.92E-6	-	3849.6	0 (Negligible)

Structure: No 159 York Way | Sub-structure: Party Wall

Vertical Offset from Line for	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal	Max Gradient of Vertical Displacement	Min Radius of Curvature	Min Radius of Curvature	Damage Category

Vertical Movement Calculations						Displacement Curve	Curve	(Hogging)	(Sagging)	
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.011065	0.0	649.88E-6	1.9426	0.010490	0.0	649.88E-6	-	3498.4	0 (Negligible)

Structure: No 159 York Way | Sub-structure: Lightwell / Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.010735	0.0	-872.66E-6	1.9431	0.016307	0.0	-872.66E-6	-	1678.1	0 (Negligible)

Structure: No 159 York Way | Sub-structure: Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	511.11E-6	0.0	-91.389E-6	0.48585	481.05E-6	0.0	-91.389E-6	-	70676.	0 (Negligible)

Structure: No 159 York Way | Sub-structure: Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	88.371E-6	0.0	52.825E-6	0.32530	86.939E-6	0.0	52.825E-6	462440.	201590.	0 (Negligible)

Structure: No 159 York Way | Sub-structure: Party Wall

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0	0.0	-23.613E-6	0.15983	0.0	0.0	-23.613E-6	4.5644E+6	-	0 (Negligible)

Structure: No 159 York Way | Sub-structure: Frontage

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

Structure: No 161 York Way | Sub-structure: Frontage

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

Structure: No 161 York Way | Sub-structure: Party Wall

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

Structure: No 161 York Way | Sub-structure: Lightwell / Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0	0.0	51.837E-6	0.15671	0.0	0.0	51.837E-6	-	64011.	0 (Negligible)

Structure: No 161 York Way | Sub-structure: Rear Extension

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

Structure: No 161 York Way | Sub-structure: Rear Extension

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

Structure: No 1 Cliff Road | Sub-structure: Garden Near Elevation

Vertical	Deflection	Average	Max Slope	Max	Max	Max Gradient	Max Gradient	Min	Min	Damage Category

Offset from Line for Vertical Movement Calculations	Ratio	Horizontal Strain		Settlement	Tensile Strain	of Horizontal Displacement Curve	of Vertical Displacement Curve	Radius of Curvature (Hogging)	Radius of Curvature (Sagging)	
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0018071	0.0	-54.228E-6	0.41909	0.0026116	0.0	-54.228E-6	54949.	151090.	0 (Negligible)

Structure: No 1 Cliff Road | Sub-structure: Garden Rear Elevation

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

Structure: No 1 Cliff Road | Sub-structure: Garden Far Elevation

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

Structure: No 1 Cliff Road | Sub-structure: Garden Side Elevation

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	550.22E-6	0.0	-83.108E-6	0.27169	498.93E-6	0.0	-83.108E-6	-	42729.	0 (Negligible)

Structure: No 1 Cliff Road | Sub-structure: Near Elevation

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	536.95E-6	0.0	22.888E-6	0.18706	525.89E-6	0.0	22.888E-6	129150.	-	0 (Negligible)

Structure: No 1 Cliff Road | Sub-structure: Rear Elevation

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0	0.0	-57.016E-6	0.16856	0.0	0.0	-57.016E-6	-	-	0 (Negligible)

Structure: No 1 Cliff Road | Sub-structure: Far Elevation

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

Structure: No 1 Cliff Road | Sub-structure: Frontage

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

Specific Building Damage Results - Critical Segments within Each Structure

Structure Name	Parameter	Critical Sub-Structure	Critical Segment	Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
				[m]	[m]			[mm]	[%]	[m]	[m]	
No 155 York Way	Max Slope	Rear Elevation (Garden)	1	5.9500	11.899	Sagging	**973.72E-6**	2.9073	0.026218	-	2386.3	0 (Negligible)
	Max Settlement	Party Wall with site (Garden)	2	0.86525	3.8990	Hogging	853.63E-6	**3.0760**	0.016753	1139.9	-	0 (Negligible)
	Max Tensile Strain	Rear Elevation (Garden)	1	5.9500	11.899	Sagging	973.72E-6	2.9073	**0.026218**	-	2386.3	0 (Negligible)
	Min Radius of Curvature (Hogging)	Party Wall with site (Garden)	2	0.86525	3.8990	Hogging	853.63E-6	3.0760	0.016753	**1139.9**	-	0 (Negligible)
	Min Radius of Curvature (Sagging)	Rear Elevation (Garden)	1	5.9500	11.899	Sagging	973.72E-6	2.9073	0.026218	-	**2386.3**	0 (Negligible)
No 159 York Way	Max Slope	Lightwell / Rear Extension	1	0.0	5.9000	Sagging	**872.66E-6**	1.9431	0.016307	-	1678.1	0 (Negligible)
	Max Settlement	Lightwell / Rear Extension	1	0.0	5.9000	Sagging	872.66E-6	**1.9431**	0.016307	-	1678.1	0 (Negligible)
	Max Tensile Strain	Lightwell / Rear Extension	1	0.0	5.9000	Sagging	872.66E-6	1.9431	**0.016307**	-	1678.1	0 (Negligible)
	Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
	Min Radius of Curvature (Sagging)	Lightwell / Rear Extension	1	0.0	5.9000	Sagging	872.66E-6	1.9431	0.016307	-	**1678.1**	0 (Negligible)
No 161 York Way	Max Slope	Lightwell / Rear Extension	1	4.9167	5.8990	Sagging	**51.837E-6**	0.15671	0.0	-	64011.	0 (Negligible)
	Max Settlement	Lightwell / Rear Extension	1	4.9167	5.8990	Sagging	51.837E-6	**0.15671**	0.0	-	64011.	0 (Negligible)
	Max Tensile	Lightwell /	1	4.9167	5.8990	Sagging	51.837E-6	0.15671	**0.0**	-	64011.	0 (Negligible)

Structure Name	Parameter	Critical Sub-Structure	Critical Segment	Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
	Strain	Rear Extension										
	Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
	Min Radius of Curvature (Sagging)	Lightwell / Rear Extension	1	4.9167	5.8990	Sagging	51.837E-6	0.15671	0.0	-	**64011.**	0 (Negligible)
No 1 Cliff Road	Max Slope	Garden Side Elevation	1	0.0	1.8990	Sagging	**83.108E-6**	0.27169	498.93E-6	-	42729.	0 (Negligible)
	Max Settlement	Garden Near Elevation	1	0.0	8.6171	Hogging	54.228E-6	**0.41909**	0.0026116	54949.	-	0 (Negligible)
	Max Tensile Strain	Garden Near Elevation	1	0.0	8.6171	Hogging	54.228E-6	0.41909	**0.0026116**	54949.	-	0 (Negligible)
	Min Radius of Curvature (Hogging)	Garden Near Elevation	1	0.0	8.6171	Hogging	54.228E-6	0.41909	0.0026116	**54949.**	-	0 (Negligible)
	Min Radius of Curvature (Sagging)	Garden Side Elevation	1	0.0	1.8990	Sagging	83.108E-6	0.27169	498.93E-6	-	**42729.**	0 (Negligible)

Notes

Note: No ground movements have been generated using the X-Disp Software. All movements imported from P-Disp.

Problem Type

Problem Type : Tunnelling and Embedded Wall Excavations

Displacement Data

Type	Name	Direction of extrusion	Point/Line/Line for extrusion						No. of intervals across extrusion/line	Extrusion depth	No. of intervals along extrusion	Calculate	Surface type for tunnels
			First point			Second point							
			X [m]	Y [m]	Z(level) [m]	X [m]	Y [m]	Z(level) [m]		[m]			
Grid	Grid 1	Global X	-10.00000	-25.00000	-3.00000	-	30.00000	-3.00000	55	55.00000	55	No	Surface
Line	1) No 155 Frontage	-	0.00000	6.05000	-3.00000	0.00000	17.95000	-3.00000	6	-	-	Yes	Surface
Line	2) No 155 Far Elevation	-	0.05000	18.00000	-3.00000	12.95000	18.00000	-3.00000	7	-	-	Yes	Surface
Line	3) No 155 Far Elevation (Garden)	-	13.00000	18.00000	-3.00000	16.95000	18.00000	-3.00000	4	-	-	Yes	Surface
Line	4) No 155 Rear Elevation (Garden)	-	17.00000	17.95000	-3.00000	17.00000	6.05000	-3.00000	6	-	-	Yes	Surface
Line	5) No 155 / 157 Party Wall (Garden)	-	16.95000	6.00000	-3.00000	13.05000	6.00000	-3.00000	4	-	-	Yes	Surface
Line	6) No 155 / 157 Party Wall	-	12.95000	6.00000	-3.00000	0.05000	6.00000	-3.00000	7	-	-	Yes	Surface
Line	7) No 155 Rear Elevation	-	13.00000	6.05000	-3.00000	13.00000	17.95000	-3.00000	6	-	-	Yes	Surface
Line	8) No 157 / 159 Party Wall	-	0.00000	0.00000	-3.00000	12.95000	0.00000	-3.00000	7	-	-	Yes	Surface
Line	9) No 159 Lighwell / Rear Elevation	-	13.00000	-0.05000	-3.00000	13.00000	-5.95000	-3.00000	6	-	-	Yes	Surface
Line	10) No 159 Rear Extension	-	12.95000	-3.00000	-3.00000	9.00000	-3.00000	-3.00000	4	-	-	Yes	Surface
Line	11) No 159 Rear Extension	-	9.00000	-2.95000	-3.00000	9.00000	-0.05000	-3.00000	3	-	-	Yes	Surface
Line	12) No 159 / 161 Party Wall	-	13.00000	-6.00000	-3.00000	0.00000	-6.00000	-3.00000	7	-	-	Yes	Surface
Line	13) No 159 Frontage	-	0.00000	-5.95000	-3.00000	0.00000	-0.05000	-3.00000	6	-	-	Yes	Surface
Line	14) No 161 Frontage	-	0.00000	-6.05000	-3.00000	0.00000	-11.95000	-3.00000	6	-	-	Yes	Surface
Line	15) No 161 / 163 Party Wall	-	0.00000	-12.00000	-3.00000	13.00000	-12.00000	-3.00000	7	-	-	Yes	Surface
Line	16) No 161 Lightwell / Rear Elevation	-	13.00000	-11.95000	-3.00000	13.00000	-6.05000	-3.00000	6	-	-	Yes	Surface
Line	17) No 161 Rear Extension	-	9.00000	-11.95000	-3.00000	9.00000	-9.05000	-3.00000	3	-	-	Yes	Surface
Line	18) No 161 Rear Extension	-	9.00000	-9.00000	-3.00000	12.95000	-9.00000	-3.00000	4	-	-	Yes	Surface
Line	19) No 1 CR Garden Near Elevation	-	24.00000	7.00000	-3.00000	24.00000	-6.00000	-3.00000	7	-	-	Yes	Surface
Line	20) No 1 CR Garden Rear Elevation	-	24.05000	-6.00000	-3.00000	31.95000	-6.00000	-3.00000	8	-	-	Yes	Surface
Line	21) No 1 CR Garden Far Elevation	-	32.00000	-6.00000	-3.00000	32.00000	0.95000	-3.00000	7	-	-	Yes	Surface
Line	22) No 1 CR Garden Side Elevation	-	24.05000	7.00000	-3.00000	25.95000	7.00000	-3.00000	2	-	-	Yes	Surface
Line	23) No 1 CR Near Elevation	-	26.00000	10.00000	-3.00000	26.00000	1.00000	-3.00000	9	-	-	Yes	Surface
Line	24) No 1 CR Rear Elevation	-	26.05000	1.00000	-3.00000	31.95000	1.00000	-3.00000	6	-	-	Yes	Surface
Line	25) No 1 CR Far Elevation	-	32.00000	1.00000	-3.00000	32.00000	10.00000	-3.00000	9	-	-	Yes	Surface
Line	26) No 1 CR Frontage	-	31.95000	10.00000	-3.00000	26.05000	10.00000	-3.00000	6	-	-	Yes	Surface

Imported Displacements

The following data points and displacements were found in the import file .

Ref.	Coordinates			Displacements			
	x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]	
1	15.63136	2.70339	-3.00000	0.00000	0.00000	-10.84347	
2	17.67308	4.34615	-2.50000	0.00000	0.00000	-9.29798	
3	19.25000	3.00000	-2.00000	0.00000	0.00000	-7.85328	
4	19.75000	3.00000	-1.50000	0.00000	0.00000	-6.59695	
5	20.25000	3.00000	-1.00000	0.00000	0.00000	-5.43443	
6	20.75000	3.00000	-0.50000	0.00000	0.00000	-4.37442	
7	6.50000	3.00000	-3.00000	0.00000	0.00000	-0.44416	
8	0.00000	6.05000	-3.00000	0.00000	0.00000	-0.06559	1,2,6
9	0.00000	8.03333	-3.00000	0.00000	0.00000	-0.05730	1,2,6
10	0.00000	10.01667	-3.00000	0.00000	0.00000	-0.04709	1,2,6
11	0.00000	12.00000	-3.00000	0.00000	0.00000	-0.03650	1,2,6
12	0.00000	13.98333	-3.00000	0.00000	0.00000	-0.02671	1,2,6
13	0.00000	15.96667	-3.00000	0.00000	0.00000	-0.01837	1,2,6
14	0.00000	17.95000	-3.00000	0.00000	0.00000	-0.01168	1,2,6
15	0.05000	18.00000	-3.00000	0.00000	0.00000	-0.01169	1,2,6
16	1.89286	18.00000	-3.00000	0.00000	0.00000	-0.01852	1,2,6
17	3.73571	18.00000	-3.00000	0.00000	0.00000	-0.02734	1,2,6
18	5.57857	18.00000	-3.00000	0.00000	0.00000	-0.03826	1,2,6
19	7.42143	18.00000	-3.00000	0.00000	0.00000	-0.05105	1,2,6
20	9.26429	18.00000	-3.00000	0.00000	0.00000	-0.06500	1,2,6
21	11.10714	18.00000	-3.00000	0.00000	0.00000	-0.07879	1,2,6
22	12.95000	18.00000	-3.00000	0.00000	0.00000	-0.09058	1,2,6
23	13.00000	18.00000	-3.00000	0.00000	0.00000	-0.09085	1,2,6
24	13.98750	18.00000	-3.00000	0.00000	0.00000	-0.09559	1,2,6
25	14.97500	18.00000	-3.00000	0.00000	0.00000	-0.09892	1,2,6
26	15.96250	18.00000	-3.00000	0.00000	0.00000	-0.10065	1,2,6
27	16.95000	18.00000	-3.00000	0.00000	0.00000	-0.10068	1,2,6
28	17.00000	17.95000	-3.00000	0.00000	0.00000	-0.10202	1,2,6
29	17.00000	15.96667	-3.00000	0.00000	0.00000	-0.17549	1,2,6
30	17.00000	13.98333	-3.00000	0.00000	0.00000	-0.30468	1,2,6
31	17.00000	12.00000	-3.00000	0.00000	0.00000	-0.54175	1,2,6
32	17.00000	10.01667	-3.00000	0.00000	0.00000	-1.00920	1,2,6
33	17.00000	8.03333	-3.00000	0.00000	0.00000	-2.06537	1,2,6
34	17.00000	6.05000	-3.00000	0.00000	0.00000	-5.50273	1,2,6
35	16.95000	6.00000	-3.00000	0.00000	0.00000	-5.66906	1,2,6

Ref.	Coordinates x [m]	y [m]	z [m]	Displacements x [mm]	y [mm]	z [mm]	
36	15.97500	6.00000	-3.00000	0.00000	0.00000	-5.71820	1,2,6
37	15.00000	6.00000	-3.00000	0.00000	0.00000	-5.87588	1,2,6
38	14.02500	6.00000	-3.00000	0.00000	0.00000	-5.67845	1,2,6
39	13.05000	6.00000	-3.00000	0.00000	0.00000	-4.15683	1,2,6
40	12.95000	6.00000	-3.00000	0.00000	0.00000	-3.83238	1,2,6
41	11.10714	6.00000	-3.00000	0.00000	0.00000	-1.61354	1,2,6
42	9.26429	6.00000	-3.00000	0.00000	0.00000	-0.87568	1,2,6
43	7.42143	6.00000	-3.00000	0.00000	0.00000	-0.50531	1,2,6
44	5.57857	6.00000	-3.00000	0.00000	0.00000	-0.30047	1,2,6
45	3.73571	6.00000	-3.00000	0.00000	0.00000	-0.18144	1,2,6
46	1.89286	6.00000	-3.00000	0.00000	0.00000	-0.11018	1,2,6
47	0.05000	6.00000	-3.00000	0.00000	0.00000	-0.06667	1,2,6
48	13.00000	6.05000	-3.00000	0.00000	0.00000	-3.83237	1,2,6
49	13.00000	8.03333	-3.00000	0.00000	0.00000	-1.54235	1,2,6
50	13.00000	10.01667	-3.00000	0.00000	0.00000	-0.81517	1,2,6
51	13.00000	12.00000	-3.00000	0.00000	0.00000	-0.45899	1,2,6
52	13.00000	13.98333	-3.00000	0.00000	0.00000	-0.26606	1,2,6
53	13.00000	15.96667	-3.00000	0.00000	0.00000	-0.15632	1,2,6
54	13.00000	17.95000	-3.00000	0.00000	0.00000	-0.09207	1,2,6
55	0.00000	0.00000	-3.00000	0.00000	0.00000	-0.06589	1,2,6
56	1.85000	0.00000	-3.00000	0.00000	0.00000	-0.10917	1,2,6
57	3.70000	0.00000	-3.00000	0.00000	0.00000	-0.18020	1,2,6
58	5.55000	0.00000	-3.00000	0.00000	0.00000	-0.29912	1,2,6
59	7.40000	0.00000	-3.00000	0.00000	0.00000	-0.50433	1,2,6
60	9.25000	0.00000	-3.00000	0.00000	0.00000	-0.87653	1,2,6
61	11.10000	0.00000	-3.00000	0.00000	0.00000	-1.62075	1,2,6
62	12.95000	0.00000	-3.00000	0.00000	0.00000	-3.86394	1,2,6
63	13.00000	-0.05000	-3.00000	0.00000	0.00000	-3.86492	1,2,6
64	13.00000	-1.03333	-3.00000	0.00000	0.00000	-2.27979	1,2,6
65	13.00000	-2.01667	-3.00000	0.00000	0.00000	-1.57506	1,2,6
66	13.00000	-3.00000	-3.00000	0.00000	0.00000	-1.13513	1,2,6
67	13.00000	-3.98333	-3.00000	0.00000	0.00000	-0.83699	1,2,6
68	13.00000	-4.96667	-3.00000	0.00000	0.00000	-0.62613	1,2,6
69	13.00000	-5.95000	-3.00000	0.00000	0.00000	-0.47303	1,2,6
70	12.95000	-3.00000	-3.00000	0.00000	0.00000	-1.12628	1,2,6
71	11.96250	-3.00000	-3.00000	0.00000	0.00000	-0.94719	1,2,6
72	10.97500	-3.00000	-3.00000	0.00000	0.00000	-0.77493	1,2,6
73	9.98750	-3.00000	-3.00000	0.00000	0.00000	-0.62320	1,2,6
74	9.00000	-3.00000	-3.00000	0.00000	0.00000	-0.49613	1,2,6
75	9.00000	-2.95000	-3.00000	0.00000	0.00000	-0.50099	1,2,6
76	9.00000	-1.98333	-3.00000	0.00000	0.00000	-0.59992	1,2,6
77	9.00000	-1.01667	-3.00000	0.00000	0.00000	-0.70464	1,2,6
78	9.00000	-0.05000	-3.00000	0.00000	0.00000	-0.80637	1,2,6
79	13.00000	-6.00000	-3.00000	0.00000	0.00000	-0.46643	1,2,6
80	11.14286	-6.00000	-3.00000	0.00000	0.00000	-0.37214	1,2,6
81	9.28571	-6.00000	-3.00000	0.00000	0.00000	-0.27707	1,2,6
82	7.42857	-6.00000	-3.00000	0.00000	0.00000	-0.19640	1,2,6
83	5.57143	-6.00000	-3.00000	0.00000	0.00000	-0.13446	1,2,6
84	3.71429	-6.00000	-3.00000	0.00000	0.00000	-0.08958	1,2,6
85	1.85714	-6.00000	-3.00000	0.00000	0.00000	-0.05818	1,2,6
86	0.00000	-6.00000	-3.00000	0.00000	0.00000	-0.03669	1,2,6
87	0.00000	-5.95000	-3.00000	0.00000	0.00000	-0.03696	1,2,6
88	0.00000	-4.96667	-3.00000	0.00000	0.00000	-0.04218	1,2,6
89	0.00000	-3.98333	-3.00000	0.00000	0.00000	-0.04747	1,2,6
90	0.00000	-3.00000	-3.00000	0.00000	0.00000	-0.05266	1,2,6
91	0.00000	-2.01667	-3.00000	0.00000	0.00000	-0.05757	1,2,6
92	0.00000	-1.03333	-3.00000	0.00000	0.00000	-0.06199	1,2,6
93	0.00000	-0.05000	-3.00000	0.00000	0.00000	-0.06572	1,2,6
94	0.00000	-6.05000	-3.00000	0.00000	0.00000	-0.03643	1,2,6
95	0.00000	-7.03333	-3.00000	0.00000	0.00000	-0.03143	1,2,6
96	0.00000	-8.01667	-3.00000	0.00000	0.00000	-0.02672	1,2,6
97	0.00000	-9.00000	-3.00000	0.00000	0.00000	-0.02238	1,2,6
98	0.00000	-9.98333	-3.00000	0.00000	0.00000	-0.01843	1,2,6
99	0.00000	-10.96667	-3.00000	0.00000	0.00000	-0.01490	1,2,6
100	0.00000	-11.95000	-3.00000	0.00000	0.00000	-0.01178	1,2,6
101	0.00000	-12.00000	-3.00000	0.00000	0.00000	-0.01163	1,2,6
102	1.85714	-12.00000	-3.00000	0.00000	0.00000	-0.01853	1,2,6
103	3.71429	-12.00000	-3.00000	0.00000	0.00000	-0.02747	1,2,6
104	5.57143	-12.00000	-3.00000	0.00000	0.00000	-0.03859	1,2,6
105	7.42857	-12.00000	-3.00000	0.00000	0.00000	-0.05166	1,2,6
106	9.28571	-12.00000	-3.00000	0.00000	0.00000	-0.06595	1,2,6
107	11.14286	-12.00000	-3.00000	0.00000	0.00000	-0.08007	1,2,6
108	13.00000	-12.00000	-3.00000	0.00000	0.00000	-0.09212	1,2,6
109	13.00000	-11.95000	-3.00000	0.00000	0.00000	-0.09336	1,2,6
110	13.00000	-10.96667	-3.00000	0.00000	0.00000	-0.12146	1,2,6
111	13.00000	-9.98333	-3.00000	0.00000	0.00000	-0.15792	1,2,6
112	13.00000	-9.00000	-3.00000	0.00000	0.00000	-0.20544	1,2,6
113	13.00000	-8.01667	-3.00000	0.00000	0.00000	-0.26776	1,2,6
114	13.00000	-7.03333	-3.00000	0.00000	0.00000	-0.35010	1,2,6
115	13.00000	-6.05000	-3.00000	0.00000	0.00000	-0.45993	1,2,6
116	9.00000	-11.95000	-3.00000	0.00000	0.00000	-0.06453	1,2,6
117	9.00000	-10.98333	-3.00000	0.00000	0.00000	-0.08204	1,2,6
118	9.00000	-10.01667	-3.00000	0.00000	0.00000	-0.10378	1,2,6
119	9.00000	-9.05000	-3.00000	0.00000	0.00000	-0.13071	1,2,6
120	9.00000	-9.00000	-3.00000	0.00000	0.00000	-0.13226	1,2,6
121	9.98750	-9.00000	-3.00000	0.00000	0.00000	-0.15117	1,2,6
122	10.97500	-9.00000	-3.00000	0.00000	0.00000	-0.17015	1,2,6
123	11.96250	-9.00000	-3.00000	0.00000	0.00000	-0.18832	1,2,6
124	12.95000	-9.00000	-3.00000	0.00000	0.00000	-0.20468	1,2,6
125	24.00000	7.00000	-3.00000	0.00000	0.00000	-0.69338	1,2,6
126	24.00000	5.14286	-3.00000	0.00000	0.00000	-0.87813	1,2,6
127	24.00000	3.28571	-3.00000	0.00000	0.00000	-0.97049	1,2,6
128	24.00000	1.42857	-3.00000	0.00000	0.00000	-0.92320	1,2,6
129	24.00000	-0.42857	-3.00000	0.00000	0.00000	-0.76058	1,2,6
130	24.00000	-2.28571	-3.00000	0.00000	0.00000	-0.56125	1,2,6
131	24.00000	-4.14286	-3.00000	0.00000	0.00000	-0.38897	1,2,6
132	24.00000	-6.00000	-3.00000	0.00000	0.00000	-0.26092	1,2,6
133	24.05000	-6.00000	-3.00000	0.00000	0.00000	-0.25863	1,2,6
134	25.03750	-6.00000	-3.00000	0.00000	0.00000	-0.21592	1,2,6
135	26.02500	-6.00000	-3.00000	0.00000	0.00000	-0.17841	1,2,6
136	27.01250	-6.00000	-3.00000	0.00000	0.00000	-0.14612	1,2,6
137	28.00000	-6.00000	-3.00000	0.00000	0.00000	-0.11876	1,2,6
138	28.98750	-6.00000	-3.00000	0.00000	0.00000	-0.09585	1,2,6
139	29.97500	-6.00000	-3.00000	0.00000	0.00000	-0.07683	1,2,6
140	30.96250	-6.00000	-3.00000	0.00000	0.00000	-0.06116	1,2,6
141	31.95000	-6.00000	-3.00000	0.00000	0.00000	-0.04832	1,2,6
142	32.00000	-6.00000	-3.00000	0.00000	0.00000	-0.04774	1,2,6
143	32.00000	-5.00714	-3.00000	0.00000	0.00000	-0.05471	1,2,6
144	32.00000	-4.01429	-3.00000	0.00000	0.00000	-0.06185	1,2,6
145	32.00000	-3.02143	-3.00000	0.00000	0.00000	-0.06893	1,2,6
146	32.00000	-2.02857	-3.00000	0.00000	0.00000	-0.07567	1,2,6
147	32.00000	-1.03571	-3.00000	0.00000	0.00000	-0.08179	1,2,6
148	32.00000	-0.04286	-3.00000	0.00000	0.00000	-0.08697	1,2,6
149	32.00000	0.95000	-3.00000	0.00000	0.00000	-0.09094	1,2,6
150	24.05000	7.00000	-3.00000	0.00000	0.00000	-0.68369	1,2,6
151	25.00000	7.00000	-3.00000	0.00000	0.00000	-0.52483	1,2,6
152	25.95000	7.00000	-3.00000	0.00000	0.00000	-0.40488	1,2,6
153	26.00000	10.00000	-3.00000	0.00000	0.00000	-0.25625	1,2,6

Ref.	Coordinates x [m]	y [m]	z [m]	Displacements x [mm]	y [mm]	z [mm]	
154	26.00000	9.00000	-3.00000	0.00000	0.00000	-0.30232	1,2,6
155	26.00000	8.00000	-3.00000	0.00000	0.00000	-0.35095	1,2,6
156	26.00000	7.00000	-3.00000	0.00000	0.00000	-0.39943	1,2,6
157	26.00000	6.00000	-3.00000	0.00000	0.00000	-0.44399	1,2,6
158	26.00000	5.00000	-3.00000	0.00000	0.00000	-0.48029	1,2,6
159	26.00000	4.00000	-3.00000	0.00000	0.00000	-0.50421	1,2,6
160	26.00000	3.00000	-3.00000	0.00000	0.00000	-0.51284	1,2,6
161	26.00000	2.00000	-3.00000	0.00000	0.00000	-0.50509	1,2,6
162	26.00000	1.00000	-3.00000	0.00000	0.00000	-0.48193	1,2,6
163	26.05000	1.00000	-3.00000	0.00000	0.00000	-0.47488	1,2,6
164	27.03333	1.00000	-3.00000	0.00000	0.00000	-0.35706	1,2,6
165	28.01667	1.00000	-3.00000	0.00000	0.00000	-0.27050	1,2,6
166	29.00000	1.00000	-3.00000	0.00000	0.00000	-0.20602	1,2,6
167	29.98333	1.00000	-3.00000	0.00000	0.00000	-0.15745	1,2,6
168	30.96667	1.00000	-3.00000	0.00000	0.00000	-0.12056	1,2,6
169	31.95000	1.00000	-3.00000	0.00000	0.00000	-0.09235	1,2,6
170	32.00000	1.00000	-3.00000	0.00000	0.00000	-0.09110	1,2,6
171	32.00000	2.00000	-3.00000	0.00000	0.00000	-0.09354	1,2,6
172	32.00000	3.00000	-3.00000	0.00000	0.00000	-0.09435	1,2,6
173	32.00000	4.00000	-3.00000	0.00000	0.00000	-0.09346	1,2,6
174	32.00000	5.00000	-3.00000	0.00000	0.00000	-0.09094	1,2,6
175	32.00000	6.00000	-3.00000	0.00000	0.00000	-0.08695	1,2,6
176	32.00000	7.00000	-3.00000	0.00000	0.00000	-0.08171	1,2,6
177	32.00000	8.00000	-3.00000	0.00000	0.00000	-0.07554	1,2,6
178	32.00000	9.00000	-3.00000	0.00000	0.00000	-0.06874	1,2,6
179	32.00000	10.00000	-3.00000	0.00000	0.00000	-0.06161	1,2,6
180	31.95000	10.00000	-3.00000	0.00000	0.00000	-0.06239	1,2,6
181	30.96667	10.00000	-3.00000	0.00000	0.00000	-0.07968	1,2,6
182	29.98333	10.00000	-3.00000	0.00000	0.00000	-0.10125	1,2,6
183	29.00000	10.00000	-3.00000	0.00000	0.00000	-0.12811	1,2,6
184	28.01667	10.00000	-3.00000	0.00000	0.00000	-0.16147	1,2,6
185	27.03333	10.00000	-3.00000	0.00000	0.00000	-0.20271	1,2,6
186	26.05000	10.00000	-3.00000	0.00000	0.00000	-0.25339	1,2,6

1 - Data point coincident with displacement data. Its displacement has been added to those calculated by Xdisp.
2 - Data point coincident with horizontal movement calculation point for a specific building. Its displacement has been added before performing building damage calculations.
6 - Data point coincident with vertical movement calculation point for a specific building. Its displacement has been added before performing building damage calculations.

Damage Category Strains

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

Specific Structures - Geometry

Structure Name	Sub-Structure Name	Displacement Line	Start Distance Along Line [m]	End Distance Along Line [m]	Vertical Offsets from Line for Vertical Movement Calculations [m]	Vertical Displacement Limit Sensitivity [mm]	Damage Category Strains	Poisson's Ratio	E/G
No 155 York Way	Frontage	1) No 155 Frontage	0.00000	11.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 155 York Way	Far Elevation	2) No 155 Far Elevation	0.00000	12.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 155 York Way	Far Elevation (Garden)	3) No 155 Far Elevation (Garden)	0.00000	3.94900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 155 York Way	Rear Elevation (Garden)	4) No 155 Rear Elevation (Garden)	0.00000	11.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 155 York Way	Party Wall with site (Garden)	5) No 155 / 157 Party Wall (Garden)	0.00000	3.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 155 York Way	Party Wall with site	6) No 155 / 157 Party Wall	0.00000	12.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 155 York Way	Rear Elevation	7) No 155 Rear Elevation	0.00000	11.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 159 York Way	Party Wall	8) No 157 / 159 Party Wall	0.00000	12.95000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 159 York Way	Lightwell / Rear Extension	9) No 159 Lighwell / Rear Elevation	0.00000	5.90000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 159 York Way	Rear Extension	10) No 159 Rear Extension	0.00000	3.94900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 159 York Way	Rear Extension	11) No 159 Rear Extension	0.00000	2.90000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 159 York Way	Party Wall	12) No 159 / 161 Party Wall	0.00000	13.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 159 York Way	Frontage	13) No 159 Frontage	0.00000	5.90000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 161 York Way	Frontage	14) No 161 Frontage	0.00000	5.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 161 York Way	Party Wall	15) No 161 / 163 Party Wall	0.00000	13.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 161 York Way	Lightwell / Rear Extension	16) No 161 Lightwell / Rear Elevation	0.00000	5.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 161 York Way	Rear Extension	17) No 161 Rear Extension	0.00000	2.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 161 York Way	Rear Extension	18) No 161 Rear Extension	0.00000	3.94900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Garden Near Elevation	19) No 1 CR Garden Near Elevation	0.00000	13.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Garden Rear Elevation	20) No 1 CR Garden Rear Elevation	0.00000	7.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Garden Far Elevation	21) No 1 CR Garden Far Elevation	0.00000	6.95000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Garden Side Elevation	22) No 1 CR Garden Side Elevation	0.00000	1.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Near Elevation	23) No 1 CR Near Elevation	0.00000	9.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Rear Elevation	24) No 1 CR Rear Elevation	0.00000	5.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Far Elevation	25) No 1 CR Far Elevation	0.00000	9.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
No 1 Cliff Road	Frontage	26) No 1 CR Frontage	0.00000	5.89900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000

Specific Structures - Bending Parameters

Structure Name	Sub-Structure Name	Height	Default Properties	Hogging 2nd Moment of Area (per unit	Hogging Distance of Bending Strain	Hogging Distance of N.A. from Edge	Sagging 2nd Moment of Area (per unit	Sagging Distance of Bending Strain	Sagging Distance of N.A. from Edge

			width)	from N.A.	of Beam in Tension	width)	from N.A.	of Beam in Tension
	[m]		[m³]	[m]	[m]	[m³]	[m]	[m]
No 155 York Way Frontage	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 155 York Way Far Elevation	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 155 York Way Far Elevation (Garden)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 155 York Way Rear Elevation (Garden)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 155 York Way Party Wall with site (Garden)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 155 York Way Party Wall with site	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 155 York Way Rear Elevation	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 159 York Way Party Wall	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 159 York Way Lightwell / Rear Extension	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 159 York Way Rear Extension	8.0000	Yes	170.67	8.0000	8.0000	42.667	4.0000	4.0000
No 159 York Way Rear Extension	8.0000	Yes	170.67	8.0000	8.0000	42.667	4.0000	4.0000
No 159 York Way Party Wall	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 159 York Way Frontage	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 161 York Way Frontage	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 161 York Way Party Wall	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 161 York Way Lightwell / Rear Extension	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 161 York Way Rear Extension	8.0000	Yes	170.67	8.0000	8.0000	42.667	4.0000	4.0000
No 161 York Way Rear Extension	8.0000	Yes	170.67	8.0000	8.0000	42.667	4.0000	4.0000
No 1 Cliff Road Garden Near Elevation	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 1 Cliff Road Garden Rear Elevation	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 1 Cliff Road Garden Far Elevation	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 1 Cliff Road Garden Side Elevation	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
No 1 Cliff Road Near Elevation	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 1 Cliff Road Rear Elevation	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 1 Cliff Road Far Elevation	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000
No 1 Cliff Road Frontage	12.000	Yes	576.00	12.000	12.000	144.00	6.0000	6.0000

Building Segment Combinations

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

No structures have segments combined.

Utility Strain Calculation Options

Neglect beneficial contribution of axial strains : No

Warnings

1 Specific Building 8 and Specific Building 12 have the same structure and sub-structure names.
2 Specific Building 10 and Specific Building 11 have the same structure and sub-structure names.
3 Specific Building 17 and Specific Building 18 have the same structure and sub-structure names.

Errors

None

Displacement and Strain Results

Name	Type/No. Dist.	Coordinates x	y	z	Displacements x	y	z	Horizontal displacement along Line	Horizontal displacement perpendicular to Line	Angle of Line to x Axis	
	[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	
1) No 155 Frontage	Line 1	0.00000	6.05000	-3.00000	0.0	0.0	-0.065585	0.0	0.0	90.000	*
	1.9833	0.00000	8.03333	-3.00000	0.0	0.0	-0.057304	0.0	0.0	90.000	*
	3.9667	0.00000	10.01667	-3.00000	0.0	0.0	-0.047085	0.0	0.0	90.000	*
	5.9500	0.00000	12.00000	-3.00000	0.0	0.0	-0.036496	0.0	0.0	90.000	*
	7.9333	0.00000	13.98333	-3.00000	0.0	0.0	-0.026707	0.0	0.0	90.000	*
	9.9167	0.00000	15.96667	-3.00000	0.0	0.0	-0.018365	0.0	0.0	90.000	*
	11.900	0.00000	17.95000	-3.00000	0.0	0.0	-0.011682	0.0	0.0	90.000	*
2) No 155 Far Elevation	Line 2	0.05000	18.00000	-3.00000	0.0	0.0	-0.011694	0.0	0.0	0.0	*
	1.8429	1.89286	18.00000	-3.00000	0.0	0.0	-0.018521	0.0	0.0	0.0	*
	3.6857	3.73571	18.00000	-3.00000	0.0	0.0	-0.027339	0.0	0.0	0.0	*
	5.5286	5.57857	18.00000	-3.00000	0.0	0.0	-0.038256	0.0	0.0	0.0	*
	7.3714	7.42143	18.00000	-3.00000	0.0	0.0	-0.051051	0.0	0.0	0.0	*
	9.2143	9.26429	18.00000	-3.00000	0.0	0.0	-0.065004	0.0	0.0	0.0	*
	11.057	11.10714	18.00000	-3.00000	0.0	0.0	-0.078789	0.0	0.0	0.0	*
	12.900	12.95000	18.00000	-3.00000	0.0	0.0	-0.090576	0.0	0.0	0.0	*
3) No 155 Far Elevation (Garden)	Line 3	13.00000	18.00000	-3.00000	0.0	0.0	-0.090849	0.0	0.0	0.0	*
	0.98750	13.98750	18.00000	-3.00000	0.0	0.0	-0.095590	0.0	0.0	0.0	*
	1.9750	14.97500	18.00000	-3.00000	0.0	0.0	-0.098920	0.0	0.0	0.0	*
	2.9625	15.96250	18.00000	-3.00000	0.0	0.0	-0.10065	0.0	0.0	0.0	*
	3.9500	16.95000	18.00000	-3.00000	0.0	0.0	-0.10068	0.0	0.0	0.0	*
4) No 155 Rear Elevation (Garden)	Line 4	17.00000	17.95000	-3.00000	0.0	0.0	-0.10202	0.0	0.0	270.00	*
	1.9833	17.00000	15.96667	-3.00000	0.0	0.0	-0.17549	0.0	0.0	270.00	*
	3.9667	17.00000	13.98333	-3.00000	0.0	0.0	-0.30468	0.0	0.0	270.00	*
	5.9500	17.00000	12.00000	-3.00000	0.0	0.0	-0.54175	0.0	0.0	270.00	*
	7.9333	17.00000	10.01667	-3.00000	0.0	0.0	-1.0092	0.0	0.0	270.00	*
	9.9167	17.00000	8.03333	-3.00000	0.0	0.0	-2.0654	0.0	0.0	270.00	*
	11.900	17.00000	6.05000	-3.00000	0.0	0.0	-5.5027	0.0	0.0	270.00	*
5) No 155 / 157 Party Wall (Garden)	Line 5	16.95000	6.00000	-3.00000	0.0	0.0	-5.6691	0.0	0.0	180.00	*
	0.97500	15.97500	6.00000	-3.00000	0.0	0.0	-5.7182	0.0	0.0	180.00	*
	1.9500	15.00000	6.00000	-3.00000	0.0	0.0	-5.8759	0.0	0.0	180.00	*
	2.9250	14.02500	6.00000	-3.00000	0.0	0.0	-5.6785	0.0	0.0	180.00	*
	3.9000	13.05000	6.00000	-3.00000	0.0	0.0	-4.1568	0.0	0.0	180.00	*

Type/No. Name	Dist.	Coordinates x	y	z	Displacements x	y	z	Horizontal displacement	Horizontal displacement	Angle of Line to x Axis	
6) No 155 / 157 Party Wall	Line 6	12.95000	6.00000	-3.00000	0.0	0.0	-3.8324	0.0	0.0	180.00	*
	1.8429	11.10714	6.00000	-3.00000	0.0	0.0	-1.6135	0.0	0.0	180.00	*
	3.6857	9.26429	6.00000	-3.00000	0.0	0.0	-0.87568	0.0	0.0	180.00	*
	5.5286	7.42143	6.00000	-3.00000	0.0	0.0	-0.50531	0.0	0.0	180.00	*
	7.3714	5.57857	6.00000	-3.00000	0.0	0.0	-0.30047	0.0	0.0	180.00	*
	9.2143	3.73571	6.00000	-3.00000	0.0	0.0	-0.18144	0.0	0.0	180.00	*
	11.057	1.89286	6.00000	-3.00000	0.0	0.0	-0.11018	0.0	0.0	180.00	*
	12.900	0.05000	6.00000	-3.00000	0.0	0.0	-0.066667	0.0	0.0	180.00	*
7) No 155 Rear Elevation	Line 7	13.00000	6.05000	-3.00000	0.0	0.0	-3.8324	0.0	0.0	90.000	*
	1.9833	13.00000	8.03333	-3.00000	0.0	0.0	-1.5424	0.0	0.0	90.000	*
	3.9667	13.00000	10.01667	-3.00000	0.0	0.0	-0.81517	0.0	0.0	90.000	*
	5.9500	13.00000	12.00000	-3.00000	0.0	0.0	-0.45899	0.0	0.0	90.000	*
	7.9333	13.00000	13.98333	-3.00000	0.0	0.0	-0.26606	0.0	0.0	90.000	*
	9.9167	13.00000	15.96667	-3.00000	0.0	0.0	-0.15632	0.0	0.0	90.000	*
	11.900	13.00000	17.95000	-3.00000	0.0	0.0	-0.092075	0.0	0.0	90.000	*
8) No 157 / 159 Party Wall	Line 8	0.00000	0.00000	-3.00000	0.0	0.0	-0.065887	0.0	0.0	0.0	*
	1.8500	1.85000	0.00000	-3.00000	0.0	0.0	-0.10917	0.0	0.0	0.0	*
	3.7000	3.70000	0.00000	-3.00000	0.0	0.0	-0.18020	0.0	0.0	0.0	*
	5.5500	5.55000	0.00000	-3.00000	0.0	0.0	-0.29912	0.0	0.0	0.0	*
	7.4000	7.40000	0.00000	-3.00000	0.0	0.0	-0.50433	0.0	0.0	0.0	*
	9.2500	9.25000	0.00000	-3.00000	0.0	0.0	-0.87653	0.0	0.0	0.0	*
	11.100	11.10000	0.00000	-3.00000	0.0	0.0	-1.6208	0.0	0.0	0.0	*
	12.950	12.95000	0.00000	-3.00000	0.0	0.0	-3.8639	0.0	0.0	0.0	*
9) No 159 Lighwell / Rear Elevation	Line 9	13.00000	-0.05000	-3.00000	0.0	0.0	-3.8649	0.0	0.0	270.00	*
	0.98333	13.00000	-1.03333	-3.00000	0.0	0.0	-2.2798	0.0	0.0	270.00	*
	1.9667	13.00000	-2.01667	-3.00000	0.0	0.0	-1.5751	0.0	0.0	270.00	*
	2.9500	13.00000	-3.00000	-3.00000	0.0	0.0	-1.1351	0.0	0.0	270.00	*
	3.9333	13.00000	-3.98333	-3.00000	0.0	0.0	-0.83699	0.0	0.0	270.00	*
	4.9167	13.00000	-4.96667	-3.00000	0.0	0.0	-0.62613	0.0	0.0	270.00	*
	5.9000	13.00000	-5.95000	-3.00000	0.0	0.0	-0.47303	0.0	0.0	270.00	*
10) No 159 Rear Extension	Line 10	12.95000	-3.00000	-3.00000	0.0	0.0	-1.1263	0.0	0.0	180.00	*
	0.98750	11.96250	-3.00000	-3.00000	0.0	0.0	-0.94719	0.0	0.0	180.00	*
	1.9750	10.97500	-3.00000	-3.00000	0.0	0.0	-0.77493	0.0	0.0	180.00	*
	2.9625	9.98750	-3.00000	-3.00000	0.0	0.0	-0.62320	0.0	0.0	180.00	*
	3.9500	9.00000	-3.00000	-3.00000	0.0	0.0	-0.49613	0.0	0.0	180.00	*
11) No 159 Rear Extension	Line 11	9.00000	-2.95000	-3.00000	0.0	0.0	-0.50099	0.0	0.0	90.000	*
	0.96667	9.00000	-1.98333	-3.00000	0.0	0.0	-0.59992	0.0	0.0	90.000	*
	1.9333	9.00000	-1.01667	-3.00000	0.0	0.0	-0.70464	0.0	0.0	90.000	*
	2.9000	9.00000	-0.05000	-3.00000	0.0	0.0	-0.80637	0.0	0.0	90.000	*
12) No 159 / 161 Party Wall	Line 12	13.00000	-6.00000	-3.00000	0.0	0.0	-0.46643	0.0	0.0	180.00	*
	1.8571	11.14286	-6.00000	-3.00000	0.0	0.0	-0.37214	0.0	0.0	180.00	*
	3.7143	9.28571	-6.00000	-3.00000	0.0	0.0	-0.27707	0.0	0.0	180.00	*
	5.5714	7.42857	-6.00000	-3.00000	0.0	0.0	-0.19640	0.0	0.0	180.00	*
	7.4286	5.57143	-6.00000	-3.00000	0.0	0.0	-0.13446	0.0	0.0	180.00	*
	9.2857	3.71429	-6.00000	-3.00000	0.0	0.0	-0.089577	0.0	0.0	180.00	*
	11.143	1.85714	-6.00000	-3.00000	0.0	0.0	-0.058181	0.0	0.0	180.00	*
	13.000	0.00000	-6.00000	-3.00000	0.0	0.0	-0.036694	0.0	0.0	180.00	*
13) No 159 Frontage	Line 13	0.00000	-5.95000	-3.00000	0.0	0.0	-0.036956	0.0	0.0	90.000	*
	0.98333	0.00000	-4.96667	-3.00000	0.0	0.0	-0.042181	0.0	0.0	90.000	*
	1.9667	0.00000	-3.98333	-3.00000	0.0	0.0	-0.047472	0.0	0.0	90.000	*
	2.9500	0.00000	-3.00000	-3.00000	0.0	0.0	-0.052664	0.0	0.0	90.000	*
	3.9333	0.00000	-2.01667	-3.00000	0.0	0.0	-0.057572	0.0	0.0	90.000	*
	4.9167	0.00000	-1.03333	-3.00000	0.0	0.0	-0.061992	0.0	0.0	90.000	*
	5.9000	0.00000	-0.05000	-3.00000	0.0	0.0	-0.065719	0.0	0.0	90.000	*
14) No 161 Frontage	Line 14	0.00000	-6.05000	-3.00000	0.0	0.0	-0.036433	0.0	0.0	270.00	*
	0.98333	0.00000	-7.03333	-3.00000	0.0	0.0	-0.031428	0.0	0.0	270.00	*
	1.9667	0.00000	-8.01667	-3.00000	0.0	0.0	-0.026722	0.0	0.0	270.00	*
	2.9500	0.00000	-9.00000	-3.00000	0.0	0.0	-0.022379	0.0	0.0	270.00	*
	3.9333	0.00000	-9.98333	-3.00000	0.0	0.0	-0.018434	0.0	0.0	270.00	*
	4.9167	0.00000	-10.96667	-3.00000	0.0	0.0	-0.014902	0.0	0.0	270.00	*
	5.9000	0.00000	-11.95000	-3.00000	0.0	0.0	-0.011777	0.0	0.0	270.00	*
15) No 161 / 163 Party Wall	Line 15	0.00000	-12.00000	-3.00000	0.0	0.0	-0.011629	0.0	0.0	0.0	*
	1.8571	1.85714	-12.00000	-3.00000	0.0	0.0	-0.018527	0.0	0.0	0.0	*
	3.7143	3.71429	-12.00000	-3.00000	0.0	0.0	-0.027474	0.0	0.0	0.0	*
	5.5714	5.57143	-12.00000	-3.00000	0.0	0.0	-0.038591	0.0	0.0	0.0	*
	7.4286	7.42857	-12.00000	-3.00000	0.0	0.0	-0.051663	0.0	0.0	0.0	*
	9.2857	9.28571	-12.00000	-3.00000	0.0	0.0	-0.065949	0.0	0.0	0.0	*
	11.143	11.14286	-12.00000	-3.00000	0.0	0.0	-0.080072	0.0	0.0	0.0	*
	13.000	13.00000	-12.00000	-3.00000	0.0	0.0	-0.092118	0.0	0.0	0.0	*
16) No 161 Lightwell / Rear Elevation	Line 16	13.00000	-11.95000	-3.00000	0.0	0.0	-0.093363	0.0	0.0	90.000	*
	0.98333	13.00000	-10.96667	-3.00000	0.0	0.0	-0.12146	0.0	0.0	90.000	*
	1.9667	13.00000	-9.98333	-3.00000	0.0	0.0	-0.15792	0.0	0.0	90.000	*
	2.9500	13.00000	-9.00000	-3.00000	0.0	0.0	-0.20544	0.0	0.0	90.000	*
	3.9333	13.00000	-8.01667	-3.00000	0.0	0.0	-0.26776	0.0	0.0	90.000	*
	4.9167	13.00000	-7.03333	-3.00000	0.0	0.0	-0.35010	0.0	0.0	90.000	*
	5.9000	13.00000	-6.05000	-3.00000	0.0	0.0	-0.45993	0.0	0.0	90.000	*
17) No 161 Rear Extension	Line 17	9.00000	-11.95000	-3.00000	0.0	0.0	-0.064526	0.0	0.0	90.000	*
	0.96667	9.00000	-10.98333	-3.00000	0.0	0.0	-0.082035	0.0	0.0	90.000	*
	1.9333	9.00000	-10.01667	-3.00000	0.0	0.0	-0.10378	0.0	0.0	90.000	*
	2.9000	9.00000	-9.05000	-3.00000	0.0	0.0	-0.13071	0.0	0.0	90.000	*
18) No 161 Rear Extension	Line 18	9.00000	-9.00000	-3.00000	0.0	0.0	-0.13226	0.0	0.0	0.0	*
	0.98750	9.98750	-9.00000	-3.00000	0.0	0.0	-0.15117	0.0	0.0	0.0	*
	1.9750	10.97500	-9.00000	-3.00000	0.0	0.0	-0.17015	0.0	0.0	0.0	*
	2.9625	11.96250	-9.00000	-3.00000	0.0	0.0	-0.18832	0.0	0.0	0.0	*
	3.9500	12.95000	-9.00000	-3.00000	0.0	0.0	-0.20468	0.0	0.0	0.0	*
19) No 1 CR Garden Near Elevation	Line 19	24.00000	7.00000	-3.00000	0.0	0.0	-0.69338	0.0	0.0	270.00	*
	1.8571	24.00000	5.14286	-3.00000	0.0	0.0	-0.87813	0.0	0.0	270.00	*
	3.7143	24.00000	3.28571	-3.00000	0.0	0.0	-0.97049	0.0	0.0	270.00	*
	5.5714	24.00000	1.42857	-3.00000	0.0	0.0	-0.92320	0.0	0.0	270.00	*
	7.4286	24.00000	-0.42857	-3.00000	0.0	0.0	-0.76058	0.0	0.0	270.00	*
	9.2857	24.00000	-2.28571	-3.00000	0.0	0.0	-0.56125	0.0	0.0	270.00	*
	11.143	24.00000	-4.14286	-3.00000	0.0	0.0	-0.38897	0.0	0.0	270.00	*
	13.000	24.00000	-6.00000	-3.00000	0.0	0.0	-0.26092	0.0	0.0	270.00	*
20) No 1 CR Garden Rear Elevation	Line 20	24.05000	-6.00000	-3.00000	0.0	0.0	-0.25863	0.0	0.0	0.0	*
	0.98750	25.03750	-6.00000	-3.00000	0.0	0.0	-0.21592	0.0	0.0	0.0	*
	1.9750	26.02500	-6.00000	-3.00000	0.0	0.0	-0.17841	0.0	0.0	0.0	*
	2.9625	27.01250	-6.00000	-3.00000	0.0	0.0	-0.14612	0.0	0.0	0.0	*
	3.9500	28.00000	-6.00000	-3.00000	0.0	0.0	-0.11876	0.0	0.0	0.0	*

Type/No. Name	Dist.	Coordinates x	y	z	Displacements x	y	z	Horizontal displacement	Horizontal displacement	Angle of Line to x Axis	
	4.9375	28.98750	-6.00000	-3.00000	0.0	0.0	-0.095845	0.0	0.0	0.0	*
	5.9250	29.97500	-6.00000	-3.00000	0.0	0.0	-0.076832	0.0	0.0	0.0	*
	6.9125	30.96250	-6.00000	-3.00000	0.0	0.0	-0.061163	0.0	0.0	0.0	*
	7.9000	31.95000	-6.00000	-3.00000	0.0	0.0	-0.048321	0.0	0.0	0.0	*
21) No 1 CR Garden Far Elevation	Line 21	32.00000	-6.00000	-3.00000	0.0	0.0	-0.047737	0.0	0.0	90.000	*
	0.99286	32.00000	-5.00714	-3.00000	0.0	0.0	-0.054714	0.0	0.0	90.000	*
	1.9857	32.00000	-4.01429	-3.00000	0.0	0.0	-0.061851	0.0	0.0	90.000	*
	2.9786	32.00000	-3.02143	-3.00000	0.0	0.0	-0.068926	0.0	0.0	90.000	*
	3.9714	32.00000	-2.02857	-3.00000	0.0	0.0	-0.075671	0.0	0.0	90.000	*
	4.9643	32.00000	-1.03571	-3.00000	0.0	0.0	-0.081789	0.0	0.0	90.000	*
	5.9571	32.00000	-0.04286	-3.00000	0.0	0.0	-0.086973	0.0	0.0	90.000	*
	6.9500	32.00000	0.95000	-3.00000	0.0	0.0	-0.090938	0.0	0.0	90.000	*
22) No 1 CR Garden Side Elevation	Line 22	24.05000	7.00000	-3.00000	0.0	0.0	-0.68369	0.0	0.0	0.0	*
	0.95000	25.00000	7.00000	-3.00000	0.0	0.0	-0.52483	0.0	0.0	0.0	*
	1.9000	25.95000	7.00000	-3.00000	0.0	0.0	-0.40488	0.0	0.0	0.0	*
23) No 1 CR Near Elevation	Line 23	26.00000	10.00000	-3.00000	0.0	0.0	-0.25625	0.0	0.0	270.00	*
	1.0000	26.00000	9.00000	-3.00000	0.0	0.0	-0.30232	0.0	0.0	270.00	*
	2.0000	26.00000	8.00000	-3.00000	0.0	0.0	-0.35095	0.0	0.0	270.00	*
	3.0000	26.00000	7.00000	-3.00000	0.0	0.0	-0.39943	0.0	0.0	270.00	*
	4.0000	26.00000	6.00000	-3.00000	0.0	0.0	-0.44399	0.0	0.0	270.00	*
	5.0000	26.00000	5.00000	-3.00000	0.0	0.0	-0.48029	0.0	0.0	270.00	*
	6.0000	26.00000	4.00000	-3.00000	0.0	0.0	-0.50421	0.0	0.0	270.00	*
	7.0000	26.00000	3.00000	-3.00000	0.0	0.0	-0.51284	0.0	0.0	270.00	*
	8.0000	26.00000	2.00000	-3.00000	0.0	0.0	-0.50509	0.0	0.0	270.00	*
	9.0000	26.00000	1.00000	-3.00000	0.0	0.0	-0.48193	0.0	0.0	270.00	*
24) No 1 CR Rear Elevation	Line 24	26.05000	1.00000	-3.00000	0.0	0.0	-0.47488	0.0	0.0	0.0	*
	0.98333	27.03333	1.00000	-3.00000	0.0	0.0	-0.35706	0.0	0.0	0.0	*
	1.9667	28.01667	1.00000	-3.00000	0.0	0.0	-0.27050	0.0	0.0	0.0	*
	2.9500	29.00000	1.00000	-3.00000	0.0	0.0	-0.20602	0.0	0.0	0.0	*
	3.9333	29.98333	1.00000	-3.00000	0.0	0.0	-0.15745	0.0	0.0	0.0	*
	4.9167	30.96667	1.00000	-3.00000	0.0	0.0	-0.12056	0.0	0.0	0.0	*
	5.9000	31.95000	1.00000	-3.00000	0.0	0.0	-0.092346	0.0	0.0	0.0	*
25) No 1 CR Far Elevation	Line 25	32.00000	1.00000	-3.00000	0.0	0.0	-0.091101	0.0	0.0	90.000	*
	1.0000	32.00000	2.00000	-3.00000	0.0	0.0	-0.093545	0.0	0.0	90.000	*
	2.0000	32.00000	3.00000	-3.00000	0.0	0.0	-0.094349	0.0	0.0	90.000	*
	3.0000	32.00000	4.00000	-3.00000	0.0	0.0	-0.093462	0.0	0.0	90.000	*
	4.0000	32.00000	5.00000	-3.00000	0.0	0.0	-0.090941	0.0	0.0	90.000	*
	5.0000	32.00000	6.00000	-3.00000	0.0	0.0	-0.086945	0.0	0.0	90.000	*
	6.0000	32.00000	7.00000	-3.00000	0.0	0.0	-0.081715	0.0	0.0	90.000	*
	7.0000	32.00000	8.00000	-3.00000	0.0	0.0	-0.075542	0.0	0.0	90.000	*
	8.0000	32.00000	9.00000	-3.00000	0.0	0.0	-0.068740	0.0	0.0	90.000	*
	9.0000	32.00000	10.00000	-3.00000	0.0	0.0	-0.061613	0.0	0.0	90.000	*
26) No 1 CR Frontage	Line 26	31.95000	10.00000	-3.00000	0.0	0.0	-0.062393	0.0	0.0	180.00	*
	0.98333	30.96667	10.00000	-3.00000	0.0	0.0	-0.079680	0.0	0.0	180.00	*
	1.9667	29.98333	10.00000	-3.00000	0.0	0.0	-0.10125	0.0	0.0	180.00	*
	2.9500	29.00000	10.00000	-3.00000	0.0	0.0	-0.12811	0.0	0.0	180.00	*
	3.9333	28.01667	10.00000	-3.00000	0.0	0.0	-0.16147	0.0	0.0	180.00	*
	4.9167	27.03333	10.00000	-3.00000	0.0	0.0	-0.20271	0.0	0.0	180.00	*
	5.9000	26.05000	10.00000	-3.00000	0.0	0.0	-0.25339	0.0	0.0	180.00	*

* Result includes imported displacement(s).

Specific Building Damage Results - Horizontal Displacements

Structure: No 155 York Way | Sub-structure: Frontage

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	0.00000	6.05000	-3.00000	0.0	0.0	0.0	0.0	d
1.9833	0.00000	8.03333	-3.00000	0.0	0.0	0.0	0.0	d
3.9667	0.00000	10.01667	-3.00000	0.0	0.0	0.0	0.0	d
5.9500	0.00000	12.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.9333	0.00000	13.98333	-3.00000	0.0	0.0	0.0	0.0	d
9.9167	0.00000	15.96667	-3.00000	0.0	0.0	0.0	0.0	d
11.900	0.00000	17.95000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Far Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	0.05000	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.8429	1.89286	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.6857	3.73571	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.5286	5.57857	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.3714	7.42143	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
9.2143	9.26429	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
11.057	11.10714	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
12.900	12.95000	18.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Far Elevation (Garden)

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	13.00000	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.98750	13.98750	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.9750	14.97500	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.9625	15.96250	18.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.9500	16.95000	18.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Rear Elevation (Garden)

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

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	17.00000	17.95000	-3.00000	0.0	0.0	0.0	0.0	d
1.9833	17.00000	15.96667	-3.00000	0.0	0.0	0.0	0.0	d
3.9667	17.00000	13.98333	-3.00000	0.0	0.0	0.0	0.0	d
5.9500	17.00000	12.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.9333	17.00000	10.01667	-3.00000	0.0	0.0	0.0	0.0	d
9.9167	17.00000	8.03333	-3.00000	0.0	0.0	0.0	0.0	d
11.900	17.00000	6.05000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Party Wall with site (Garden)

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	16.95000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.97500	15.97500	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.9500	15.00000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.9250	14.02500	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.9000	13.05000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Party Wall with site

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	12.95000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.8429	11.10714	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.6857	9.26429	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.5286	7.42143	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.3714	5.57857	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
9.2143	3.73571	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
11.057	1.89286	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
12.900	0.05000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Rear Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	13.00000	6.05000	-3.00000	0.0	0.0	0.0	0.0	d
1.9833	13.00000	8.03333	-3.00000	0.0	0.0	0.0	0.0	d
3.9667	13.00000	10.01667	-3.00000	0.0	0.0	0.0	0.0	d
5.9500	13.00000	12.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.9333	13.00000	13.98333	-3.00000	0.0	0.0	0.0	0.0	d
9.9167	13.00000	15.96667	-3.00000	0.0	0.0	0.0	0.0	d
11.900	13.00000	17.95000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Party Wall

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	0.00000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.8500	1.85000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.7000	3.70000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.5500	5.55000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.4000	7.40000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
9.2500	9.25000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
11.100	11.10000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d
12.950	12.95000	0.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Lightwell / Rear Extension

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	13.00000	-0.05000	-3.00000	0.0	0.0	0.0	0.0	d
0.98333	13.00000	-1.03333	-3.00000	0.0	0.0	0.0	0.0	d
1.9667	13.00000	-2.01667	-3.00000	0.0	0.0	0.0	0.0	d
2.9500	13.00000	-3.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.9333	13.00000	-3.98333	-3.00000	0.0	0.0	0.0	0.0	d
4.9167	13.00000	-4.96667	-3.00000	0.0	0.0	0.0	0.0	d
5.9000	13.00000	-5.95000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Rear Extension

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	12.95000	-3.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.98750	11.96250	-3.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.9750	10.97500	-3.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.9625	9.98750	-3.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.9500	9.00000	-3.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Rear Extension

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	9.00000	-2.95000	-3.00000	0.0	0.0	0.0	0.0	d
0.96667	9.00000	-1.98333	-3.00000	0.0	0.0	0.0	0.0	d

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
1.9333	9.00000	-1.01667	-3.00000	0.0	0.0	0.0	0.0 d
2.9000	9.00000	-0.05000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Party Wall

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	13.00000	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
1.8571	11.14286	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
3.7143	9.28571	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
5.5714	7.42857	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
7.4286	5.57143	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
9.2857	3.71429	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
11.143	1.85714	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d
13.000	0.00000	-6.00000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Frontage

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	0.00000	-5.95000	-3.00000	0.0	0.0	0.0	0.0 d
0.98333	0.00000	-4.96667	-3.00000	0.0	0.0	0.0	0.0 d
1.9667	0.00000	-3.98333	-3.00000	0.0	0.0	0.0	0.0 d
2.9500	0.00000	-3.00000	-3.00000	0.0	0.0	0.0	0.0 d
3.9333	0.00000	-2.01667	-3.00000	0.0	0.0	0.0	0.0 d
4.9167	0.00000	-1.03333	-3.00000	0.0	0.0	0.0	0.0 d
5.9000	0.00000	-0.05000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Frontage

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	0.00000	-6.05000	-3.00000	0.0	0.0	0.0	0.0 d
0.98333	0.00000	-7.03333	-3.00000	0.0	0.0	0.0	0.0 d
1.9667	0.00000	-8.01667	-3.00000	0.0	0.0	0.0	0.0 d
2.9500	0.00000	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d
3.9333	0.00000	-9.98333	-3.00000	0.0	0.0	0.0	0.0 d
4.9167	0.00000	-10.96667	-3.00000	0.0	0.0	0.0	0.0 d
5.9000	0.00000	-11.95000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Party Wall

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	0.00000	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
1.8571	1.85714	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
3.7143	3.71429	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
5.5714	5.57143	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
7.4286	7.42857	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
9.2857	9.28571	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
11.143	11.14286	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d
13.000	13.00000	-12.00000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Lightwell / Rear Extension

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	13.00000	-11.95000	-3.00000	0.0	0.0	0.0	0.0 d
0.98333	13.00000	-10.96667	-3.00000	0.0	0.0	0.0	0.0 d
1.9667	13.00000	-9.98333	-3.00000	0.0	0.0	0.0	0.0 d
2.9500	13.00000	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d
3.9333	13.00000	-8.01667	-3.00000	0.0	0.0	0.0	0.0 d
4.9167	13.00000	-7.03333	-3.00000	0.0	0.0	0.0	0.0 d
5.9000	13.00000	-6.05000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Rear Extension

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	9.00000	-11.95000	-3.00000	0.0	0.0	0.0	0.0 d
0.96667	9.00000	-10.98333	-3.00000	0.0	0.0	0.0	0.0 d
1.9333	9.00000	-10.01667	-3.00000	0.0	0.0	0.0	0.0 d
2.9000	9.00000	-9.05000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Rear Extension

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	9.00000	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d
0.98750	9.98750	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d
1.9750	10.97500	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d
2.9625	11.96250	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d
3.9500	12.95000	-9.00000	-3.00000	0.0	0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Near Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	24.00000	7.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.8571	24.00000	5.14286	-3.00000	0.0	0.0	0.0	0.0	d
3.7143	24.00000	3.28571	-3.00000	0.0	0.0	0.0	0.0	d
5.5714	24.00000	1.42857	-3.00000	0.0	0.0	0.0	0.0	d
7.4286	24.00000	-0.42857	-3.00000	0.0	0.0	0.0	0.0	d
9.2857	24.00000	-2.28571	-3.00000	0.0	0.0	0.0	0.0	d
11.143	24.00000	-4.14286	-3.00000	0.0	0.0	0.0	0.0	d
13.000	24.00000	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Rear Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	24.05000	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.98750	25.03750	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.9750	26.02500	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.9625	27.01250	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.9500	28.00000	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
4.9375	28.98750	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.9250	29.97500	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
6.9125	30.96250	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.9000	31.95000	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Far Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	32.00000	-6.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.99286	32.00000	-5.00714	-3.00000	0.0	0.0	0.0	0.0	d
1.9857	32.00000	-4.01429	-3.00000	0.0	0.0	0.0	0.0	d
2.9786	32.00000	-3.02143	-3.00000	0.0	0.0	0.0	0.0	d
3.9714	32.00000	-2.02857	-3.00000	0.0	0.0	0.0	0.0	d
4.9643	32.00000	-1.03571	-3.00000	0.0	0.0	0.0	0.0	d
5.9571	32.00000	-0.04286	-3.00000	0.0	0.0	0.0	0.0	d
6.9500	32.00000	0.95000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Side Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	24.05000	7.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.95000	25.00000	7.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.9000	25.95000	7.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Near Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	26.00000	10.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.0000	26.00000	9.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.0000	26.00000	8.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.0000	26.00000	7.00000	-3.00000	0.0	0.0	0.0	0.0	d
4.0000	26.00000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.0000	26.00000	5.00000	-3.00000	0.0	0.0	0.0	0.0	d
6.0000	26.00000	4.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.0000	26.00000	3.00000	-3.00000	0.0	0.0	0.0	0.0	d
8.0000	26.00000	2.00000	-3.00000	0.0	0.0	0.0	0.0	d
9.0000	26.00000	1.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Rear Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	26.05000	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
0.98333	27.03333	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.9667	28.01667	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.9500	29.00000	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.9333	29.98333	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
4.9167	30.96667	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.9000	31.95000	1.00000	-3.00000	0.0	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Far Elevation

Dist.	Coordinates x	y	z	Displacements x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	32.00000	1.00000	-3.00000	0.0	0.0	0.0	0.0	d
1.0000	32.00000	2.00000	-3.00000	0.0	0.0	0.0	0.0	d
2.0000	32.00000	3.00000	-3.00000	0.0	0.0	0.0	0.0	d
3.0000	32.00000	4.00000	-3.00000	0.0	0.0	0.0	0.0	d
4.0000	32.00000	5.00000	-3.00000	0.0	0.0	0.0	0.0	d
5.0000	32.00000	6.00000	-3.00000	0.0	0.0	0.0	0.0	d
6.0000	32.00000	7.00000	-3.00000	0.0	0.0	0.0	0.0	d
7.0000	32.00000	8.00000	-3.00000	0.0	0.0	0.0	0.0	d
8.0000	32.00000	9.00000	-3.00000	0.0	0.0	0.0	0.0	d

Dist.	Coordinates				Displacements	
	x	y	z	x y	Horizontal displacement along the	Horizontal displacement perpendicular
9.0000	32.00000	10.00000	-3.00000	0.0 0.0	0.0	0.0 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Frontage

Dist.	Coordinates				Displacements	
	x	y	z	x y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm] [mm]	[mm]	[mm]
0.0	31.95000	10.00000	-3.00000	0.0 0.0	0.0	0.0 d
0.98333	30.96667	10.00000	-3.00000	0.0 0.0	0.0	0.0 d
1.9667	29.98333	10.00000	-3.00000	0.0 0.0	0.0	0.0 d
2.9500	29.00000	10.00000	-3.00000	0.0 0.0	0.0	0.0 d
3.9333	28.01667	10.00000	-3.00000	0.0 0.0	0.0	0.0 d
4.9167	27.03333	10.00000	-3.00000	0.0 0.0	0.0	0.0 d
5.9000	26.05000	10.00000	-3.00000	0.0 0.0	0.0	0.0 d

d - Displacements include imported displacements.

Specific Building Damage Results - Vertical Displacements

Structure: No 155 York Way | Sub-structure: Frontage

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	0.00000	6.05000	-3.00000	-0.065585 d
1.9833	0.00000	8.03333	-3.00000	-0.057304 d
3.9667	0.00000	10.01667	-3.00000	-0.047085 d
5.9500	0.00000	12.00000	-3.00000	-0.036496 d
7.9333	0.00000	13.98333	-3.00000	-0.026707 d
9.9167	0.00000	15.96667	-3.00000	-0.018365 d
11.900	0.00000	17.95000	-3.00000	-0.011682 d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Far Elevation

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	0.05000	18.00000	-3.00000	-0.011694 d
1.8429	1.89286	18.00000	-3.00000	-0.018521 d
3.6857	3.73571	18.00000	-3.00000	-0.027339 d
5.5286	5.57857	18.00000	-3.00000	-0.038256 d
7.3714	7.42143	18.00000	-3.00000	-0.051051 d
9.2143	9.26429	18.00000	-3.00000	-0.065004 d
11.057	11.10714	18.00000	-3.00000	-0.078789 d
12.900	12.95000	18.00000	-3.00000	-0.090576 d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Far Elevation (Garden)

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	13.00000	18.00000	-3.00000	-0.090849 d
0.98750	13.98750	18.00000	-3.00000	-0.095590 d
1.9750	14.97500	18.00000	-3.00000	-0.098920 d
2.9625	15.96250	18.00000	-3.00000	-0.10065 d
3.9500	16.95000	18.00000	-3.00000	-0.10068 d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Rear Elevation (Garden)

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	17.00000	17.95000	-3.00000	-0.10202 d
1.9833	17.00000	15.96667	-3.00000	-0.17549 d
3.9667	17.00000	13.98333	-3.00000	-0.30468 d
5.9500	17.00000	12.00000	-3.00000	-0.54175 d
7.9333	17.00000	10.01667	-3.00000	-1.0092 d
9.9167	17.00000	8.03333	-3.00000	-2.0654 d
11.900	17.00000	6.05000	-3.00000	-5.5027 d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Party Wall with site (Garden)

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	16.95000	6.00000	-3.00000	-5.6691 d
0.97500	15.97500	6.00000	-3.00000	-5.7182 d
1.9500	15.00000	6.00000	-3.00000	-5.8759 d
2.9250	14.02500	6.00000	-3.00000	-5.6785 d
3.9000	13.05000	6.00000	-3.00000	-4.1568 d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Party Wall with site

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	12.95000	6.00000	-3.00000	-3.8324 d
1.8429	11.10714	6.00000	-3.00000	-1.6135 d
3.6857	9.26429	6.00000	-3.00000	-0.87568 d
5.5286	7.42143	6.00000	-3.00000	-0.50531 d
7.3714	5.57857	6.00000	-3.00000	-0.30047 d
9.2143	3.73571	6.00000	-3.00000	-0.18144 d
11.057	1.89286	6.00000	-3.00000	-0.11018 d
12.900	0.05000	6.00000	-3.00000	-0.066667 d

d - Displacements include imported displacements.

Structure: No 155 York Way | Sub-structure: Rear Elevation

Dist.	Coordinates			Displacements

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	13.00000	6.05000	-3.00000	-3.8324 d
1.9833	13.00000	8.03333	-3.00000	-1.5424 d
3.9667	13.00000	10.01667	-3.00000	-0.81517 d
5.9500	13.00000	12.00000	-3.00000	-0.45899 d
7.9333	13.00000	13.98333	-3.00000	-0.26606 d
9.9167	13.00000	15.96667	-3.00000	-0.15632 d
11.900	13.00000	17.95000	-3.00000	-0.092075 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Party Wall

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	0.00000	0.00000	-3.00000	-0.065887 d
1.8500	1.85000	0.00000	-3.00000	-0.10917 d
3.7000	3.70000	0.00000	-3.00000	-0.18020 d
5.5500	5.55000	0.00000	-3.00000	-0.29912 d
7.4000	7.40000	0.00000	-3.00000	-0.50433 d
9.2500	9.25000	0.00000	-3.00000	-0.87653 d
11.100	11.10000	0.00000	-3.00000	-1.6208 d
12.950	12.95000	0.00000	-3.00000	-3.8639 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Lightwell / Rear Extension

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	13.00000	-0.05000	-3.00000	-3.8649 d
0.98333	13.00000	-1.03333	-3.00000	-2.2798 d
1.9667	13.00000	-2.01667	-3.00000	-1.5751 d
2.9500	13.00000	-3.00000	-3.00000	-1.1351 d
3.9333	13.00000	-3.98333	-3.00000	-0.83699 d
4.9167	13.00000	-4.96667	-3.00000	-0.62613 d
5.9000	13.00000	-5.95000	-3.00000	-0.47303 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Rear Extension

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	12.95000	-3.00000	-3.00000	-1.1263 d
0.98750	11.96250	-3.00000	-3.00000	-0.94719 d
1.9750	10.97500	-3.00000	-3.00000	-0.77493 d
2.9625	9.98750	-3.00000	-3.00000	-0.62320 d
3.9500	9.00000	-3.00000	-3.00000	-0.49613 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Rear Extension

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	9.00000	-2.95000	-3.00000	-0.50099 d
0.96667	9.00000	-1.98333	-3.00000	-0.59992 d
1.9333	9.00000	-1.01667	-3.00000	-0.70464 d
2.9000	9.00000	-0.05000	-3.00000	-0.80637 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Party Wall

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	13.00000	-6.00000	-3.00000	-0.46643 d
1.8571	11.14286	-6.00000	-3.00000	-0.37214 d
3.7143	9.28571	-6.00000	-3.00000	-0.27707 d
5.5714	7.42857	-6.00000	-3.00000	-0.19640 d
7.4286	5.57143	-6.00000	-3.00000	-0.13446 d
9.2857	3.71429	-6.00000	-3.00000	-0.089577 d
11.143	1.85714	-6.00000	-3.00000	-0.058181 d
13.000	0.00000	-6.00000	-3.00000	-0.036694 d

d - Displacements include imported displacements.

Structure: No 159 York Way | Sub-structure: Frontage

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	0.00000	-5.95000	-3.00000	-0.036956 d
0.98333	0.00000	-4.96667	-3.00000	-0.042181 d
1.9667	0.00000	-3.98333	-3.00000	-0.047472 d
2.9500	0.00000	-3.00000	-3.00000	-0.052664 d
3.9333	0.00000	-2.01667	-3.00000	-0.057572 d
4.9167	0.00000	-1.03333	-3.00000	-0.061992 d
5.9000	0.00000	-0.05000	-3.00000	-0.065719 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Frontage

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	0.00000	-6.05000	-3.00000	-0.036433 d
0.98333	0.00000	-7.03333	-3.00000	-0.031428 d
1.9667	0.00000	-8.01667	-3.00000	-0.026722 d
2.9500	0.00000	-9.00000	-3.00000	-0.022379 d
3.9333	0.00000	-9.98333	-3.00000	-0.018434 d
4.9167	0.00000	-10.96667	-3.00000	-0.014902 d
5.9000	0.00000	-11.95000	-3.00000	-0.011777 d

d - Displacements include imported displacements.

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Structure: No 161 York Way | Sub-structure: Party Wall

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	0.00000	-12.00000	-3.00000	-0.011629 d
1.8571	1.85714	-12.00000	-3.00000	-0.018527 d
3.7143	3.71429	-12.00000	-3.00000	-0.027474 d
5.5714	5.57143	-12.00000	-3.00000	-0.038591 d
7.4286	7.42857	-12.00000	-3.00000	-0.051663 d
9.2857	9.28571	-12.00000	-3.00000	-0.065949 d
11.143	11.14286	-12.00000	-3.00000	-0.080072 d
13.000	13.00000	-12.00000	-3.00000	-0.092118 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Lightwell / Rear Extension

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	13.00000	-11.95000	-3.00000	-0.093363 d
0.98333	13.00000	-10.96667	-3.00000	-0.12146 d
1.9667	13.00000	-9.98333	-3.00000	-0.15792 d
2.9500	13.00000	-9.00000	-3.00000	-0.20544 d
3.9333	13.00000	-8.01667	-3.00000	-0.26776 d
4.9167	13.00000	-7.03333	-3.00000	-0.35010 d
5.9000	13.00000	-6.05000	-3.00000	-0.45993 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Rear Extension

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	9.00000	-11.95000	-3.00000	-0.064526 d
0.96667	9.00000	-10.98333	-3.00000	-0.082035 d
1.9333	9.00000	-10.01667	-3.00000	-0.10378 d
2.9000	9.00000	-9.05000	-3.00000	-0.13071 d

d - Displacements include imported displacements.

Structure: No 161 York Way | Sub-structure: Rear Extension

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	9.00000	-9.00000	-3.00000	-0.13226 d
0.98750	9.98750	-9.00000	-3.00000	-0.15117 d
1.9750	10.97500	-9.00000	-3.00000	-0.17015 d
2.9625	11.96250	-9.00000	-3.00000	-0.18832 d
3.9500	12.95000	-9.00000	-3.00000	-0.20468 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Near Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	24.00000	7.00000	-3.00000	-0.69338 d
1.8571	24.00000	5.14286	-3.00000	-0.87813 d
3.7143	24.00000	3.28571	-3.00000	-0.97049 d
5.5714	24.00000	1.42857	-3.00000	-0.92320 d
7.4286	24.00000	-0.42857	-3.00000	-0.76058 d
9.2857	24.00000	-2.28571	-3.00000	-0.56125 d
11.143	24.00000	-4.14286	-3.00000	-0.38897 d
13.000	24.00000	-6.00000	-3.00000	-0.26092 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Rear Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	24.05000	-6.00000	-3.00000	-0.25863 d
0.98750	25.03750	-6.00000	-3.00000	-0.21592 d
1.9750	26.02500	-6.00000	-3.00000	-0.17841 d
2.9625	27.01250	-6.00000	-3.00000	-0.14612 d
3.9500	28.00000	-6.00000	-3.00000	-0.11876 d
4.9375	28.98750	-6.00000	-3.00000	-0.095845 d
5.9250	29.97500	-6.00000	-3.00000	-0.076832 d
6.9125	30.96250	-6.00000	-3.00000	-0.061163 d
7.9000	31.95000	-6.00000	-3.00000	-0.048321 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Far Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	32.00000	-6.00000	-3.00000	-0.047737 d
0.99286	32.00000	-5.00714	-3.00000	-0.054714 d
1.9857	32.00000	-4.01429	-3.00000	-0.061851 d
2.9786	32.00000	-3.02143	-3.00000	-0.068926 d
3.9714	32.00000	-2.02857	-3.00000	-0.075671 d
4.9643	32.00000	-1.03571	-3.00000	-0.081789 d
5.9571	32.00000	-0.04286	-3.00000	-0.086973 d
6.9500	32.00000	0.95000	-3.00000	-0.090938 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Garden Side Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]

Vertical Offset 1

0.0	24.05000	7.00000	-3.00000	-0.68369 d

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]	
0.95000	25.00000	7.00000	-3.00000	-0.52483 d
1.9000	25.95000	7.00000	-3.00000	-0.40488 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Near Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]	
Vertical Offset 1				
0.0	26.00000	10.00000	-3.00000	-0.25625 d
1.0000	26.00000	9.00000	-3.00000	-0.30232 d
2.0000	26.00000	8.00000	-3.00000	-0.35095 d
3.0000	26.00000	7.00000	-3.00000	-0.39943 d
4.0000	26.00000	6.00000	-3.00000	-0.44399 d
5.0000	26.00000	5.00000	-3.00000	-0.48029 d
6.0000	26.00000	4.00000	-3.00000	-0.50421 d
7.0000	26.00000	3.00000	-3.00000	-0.51284 d
8.0000	26.00000	2.00000	-3.00000	-0.50509 d
9.0000	26.00000	1.00000	-3.00000	-0.48193 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Rear Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]	
Vertical Offset 1				
0.0	26.05000	1.00000	-3.00000	-0.47488 d
0.98333	27.03333	1.00000	-3.00000	-0.35706 d
1.9667	28.01667	1.00000	-3.00000	-0.27050 d
2.9500	29.00000	1.00000	-3.00000	-0.20602 d
3.9333	29.98333	1.00000	-3.00000	-0.15745 d
4.9167	30.96667	1.00000	-3.00000	-0.12056 d
5.9000	31.95000	1.00000	-3.00000	-0.092346 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Far Elevation

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]	
Vertical Offset 1				
0.0	32.00000	1.00000	-3.00000	-0.091101 d
1.0000	32.00000	2.00000	-3.00000	-0.093545 d
2.0000	32.00000	3.00000	-3.00000	-0.094349 d
3.0000	32.00000	4.00000	-3.00000	-0.093462 d
4.0000	32.00000	5.00000	-3.00000	-0.090941 d
5.0000	32.00000	6.00000	-3.00000	-0.086945 d
6.0000	32.00000	7.00000	-3.00000	-0.081715 d
7.0000	32.00000	8.00000	-3.00000	-0.075542 d
8.0000	32.00000	9.00000	-3.00000	-0.068740 d
9.0000	32.00000	10.00000	-3.00000	-0.061613 d

d - Displacements include imported displacements.

Structure: No 1 Cliff Road | Sub-structure: Frontage

Dist.	Coordinates x	y	z	Displacements z
[m]	[m]	[m]	[m]	[mm]	
Vertical Offset 1				
0.0	31.95000	10.00000	-3.00000	-0.062393 d
0.98333	30.96667	10.00000	-3.00000	-0.079680 d
1.9667	29.98333	10.00000	-3.00000	-0.10125 d
2.9500	29.00000	10.00000	-3.00000	-0.12811 d
3.9333	28.01667	10.00000	-3.00000	-0.16147 d
4.9167	27.03333	10.00000	-3.00000	-0.20271 d
5.9000	26.05000	10.00000	-3.00000	-0.25339 d

d - Displacements include imported displacements.

Specific Building Damage Results - All Segments

Structure: No 155 York Way | Sub-structure: Frontage

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	All settlements are less than the Settlement Trough Limit Sensitivity.										

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

Structure: No 155 York Way | Sub-structure: Far Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	All settlements are less than the Settlement Trough Limit Sensitivity.										

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

Structure: No 155 York Way | Sub-structure: Far Elevation (Garden)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	2.9625	0.98650	None	0.0	0.0	0.0	0.0	1.7526E-6	565940.	0 (Negligible)

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

Structure: No 155 York Way | Sub-structure: Rear Elevation (Garden)

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	11.899	Sagging	0.022626	0.0	0.027428	0.0	0.0017331	1390.0	0

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	0.94399	None	0.0	0.0	0.0	0.0	50.401E-6	4235.4	0 (Negligible)
	2	0.94399	2.9550	Hogging	0.033938	0.0	0.031951	0.0	-0.0015606	606.58	0 (Negligible)

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

Structure: No 155 York Way | Sub-structure: Party Wall with site

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	11.057	Sagging	0.015519	0.0	0.018066	0.0	-0.0012040	1930.3	0 (Negligible)

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

Structure: No 155 York Way | Sub-structure: Rear Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	9.9167	Sagging	0.015678	0.0	0.016962	0.0	-0.0011546	2113.9	0 (Negligible)

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

Structure: No 159 York Way | Sub-structure: Party Wall

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	1.8500	11.100	Sagging	0.015638	0.0	0.018250	0.0	0.0012125	1922.0	0 (Negligible)

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

Structure: No 159 York Way | Sub-structure: Lightwell / Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	5.9000	Sagging	0.019648	0.0	0.029847	0.0	-0.0016120	934.88	0 (Negligible)

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

Structure: No 159 York Way | Sub-structure: Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	3.9490	Sagging	915.37E-6	0.0	861.56E-6	0.0	-181.36E-6	37929.	0 (Negligible)

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

Structure: No 159 York Way | Sub-structure: Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	1.7587	Sagging	146.80E-6	0.0	145.02E-6	0.0	108.32E-6	117300.	0 (Negligible)
	2	1.7587	1.1413	Hogging	39.565E-6	0.0	39.518E-6	0.0	108.32E-6	180760.	0 (Negligible)

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

Structure: No 159 York Way | Sub-structure: Party Wall

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	1.1180	Sagging	0.0	0.0	0.0	0.0	-50.774E-6	755020.	0 (Negligible)
	2	1.1180	6.3105	Sagging	306.91E-6	0.0	286.57E-6	0.0	-51.191E-6	200230.	0 (Negligible)

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

Structure: No 159 York Way | Sub-structure: Frontage

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	All settlements are less than the Settlement Trough Limit Sensitivity.										

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

Structure: No 161 York Way | Sub-structure: Frontage

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	All settlements are less than the Settlement Trough Limit Sensitivity.										

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

Structure: No 161 York Way | Sub-structure: Party Wall

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	All settlements are less than the Settlement Trough Limit Sensitivity.										

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

Structure: No 161 York Way | Sub-structure: Lightwell / Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.98333	4.9157	Sagging	0.0011524	0.0	0.0017206	0.0	111.69E-6	32914.	0 (Negligible)

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

Structure: No 161 York Way | Sub-structure: Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	1.9333	0.96567	None	0.0	0.0	0.0	0.0	27.863E-6	171890.	0 (Negligible)

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

Structure: No 161 York Way | Sub-structure: Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	0.65396	None	0.0	0.0	0.0	0.0	19.146E-6	3.3565E+6	0 (Negligible)
	2	0.65396	3.2950	Hogging	48.053E-6	0.0	47.529E-6	0.0	19.218E-6	471460.	0 (Negligible)

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

Structure: No 1 Cliff Road | Sub-structure: Garden Near Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	8.7733	Hogging	0.0035293	0.0	0.0051280	0.0	-107.33E-6	28347.	0 (Negligible)
	2	8.7733	4.2267	Sagging	659.76E-6	0.0	947.68E-6	0.0	-107.33E-6	71089.	0 (Negligible)

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

Structure: No 1 Cliff Road | Sub-structure: Garden Rear Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	3.9500	Sagging	259.14E-6	0.0	363.39E-6	0.0	-43.245E-6	187670.	0 (Negligible)

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

Structure: No 1 Cliff Road | Sub-structure: Garden Far Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	All settlements are less than the Settlement Trough Limit Sensitivity.										

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

Structure: No 1 Cliff Road | Sub-structure: Garden Side Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	1.8990	Sagging	0.0010142	0.0	919.71E-6	0.0	-167.23E-6	23181.	0 (Negligible)

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

Structure: No 1 Cliff Road | Sub-structure: Near Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	1.8190	Sagging	62.821E-6	0.0	62.478E-6	0.0	48.632E-6	309050.	0 (Negligible)

Vertical Offset from Line for Vertical Movement	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
	2	1.8190	7.1810	Hogging	0.0011206	0.0	0.0010954	0.0	48.632E-6	63062.	0 (Negligible)

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

Structure: No 1 Cliff Road | Sub-structure: Rear Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	0.0	4.9167	Sagging	0.0012716	0.0	0.0012191	0.0	-119.81E-6	28822.	0 (Negligible)

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

Structure: No 1 Cliff Road | Sub-structure: Far Elevation

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	All settlements are less than the Settlement Trough Limit Sensitivity.										

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

Structure: No 1 Cliff Road | Sub-structure: Frontage

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]	[%]	[%]			[m]	
0.0	1	1.9667	3.9323	Sagging	401.26E-6	0.0	390.49E-6	0.0	51.533E-6	98440.	0 (Negligible)

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

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

Structure: No 155 York Way | Sub-structure: Frontage

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

Structure: No 155 York Way | Sub-structure: Far Elevation

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

Structure: No 155 York Way | Sub-structure: Far Elevation (Garden)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0	0.0	1.7526E-6	0.10068	0.0	0.0	1.7526E-6	-	-	0 (Negligible)

Structure: No 155 York Way | Sub-structure: Rear Elevation (Garden)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.022626	0.0	0.0017331	5.5010	0.027428	0.0	0.0017331	-	1390.0	0 (Negligible)

Structure: No 155 York Way | Sub-structure: Party Wall with site (Garden)

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.033938	0.0	-0.0015606	5.8741	0.031951	0.0	-0.0015606	606.58	-	0 (Negligible)

Structure: No 155 York Way | Sub-structure: Party Wall with site

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.015519	0.0	-0.0012040	3.8324	0.018066	0.0	-0.0012040	-	1930.3	0 (Negligible)

Structure: No 155 York Way | Sub-structure: Rear Elevation

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

Vertical Offset from Line for Vertical	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
0.0	0.015678	0.0	-0.0011546	3.8324	0.016962	0.0	-0.0011546	-	2113.9	0 (Negligible)

Structure: No 159 York Way | Sub-structure: Party Wall

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.015638	0.0	0.0012125	3.8639	0.018250	0.0	0.0012125	-	1922.0	0 (Negligible)

Structure: No 159 York Way | Sub-structure: Lightwell / Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.019648	0.0	-0.0016120	3.8649	0.029847	0.0	-0.0016120	-	934.88	0 (Negligible)

Structure: No 159 York Way | Sub-structure: Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	915.37E-6	0.0	-181.36E-6	1.1263	861.56E-6	0.0	-181.36E-6	-	37929.	0 (Negligible)

Structure: No 159 York Way | Sub-structure: Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	146.80E-6	0.0	108.32E-6	0.80637	145.02E-6	0.0	108.32E-6	180760.	117300.	0 (Negligible)

Structure: No 159 York Way | Sub-structure: Party Wall

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	306.91E-6	0.0	-51.191E-6	0.46643	286.57E-6	0.0	-51.191E-6	-	200230.	0 (Negligible)

Structure: No 159 York Way | Sub-structure: Frontage

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

Structure: No 161 York Way | Sub-structure: Frontage

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

Structure: No 161 York Way | Sub-structure: Party Wall

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

Structure: No 161 York Way | Sub-structure: Lightwell / Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0011524	0.0	111.69E-6	0.45982	0.0017206	0.0	111.69E-6	-	32914.	0 (Negligible)

Structure: No 161 York Way | Sub-structure: Rear Extension

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0	0.0	27.863E-6	0.13068	0.0	0.0	27.863E-6	-	-	0 (Negligible)

Structure: No 161 York Way | Sub-structure: Rear Extension

Vertical Offset from Line for	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal	Max Gradient of Vertical Displacement	Min Radius of Curvature	Min Radius of Curvature	Damage Category

Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	48.053E-6	0.0	19.218E-6	0.20466	47.529E-6	0.0	19.218E-6	471460.	-	0 (Negligible)

Structure: No 1 Cliff Road | Sub-structure: Garden Near Elevation

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0035293	0.0	-107.33E-6	0.97029	0.0051280	0.0	-107.33E-6	28347.	71089.	0 (Negligible)

Structure: No 1 Cliff Road | Sub-structure: Garden Rear Elevation

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	259.14E-6	0.0	-43.245E-6	0.25863	363.39E-6	0.0	-43.245E-6	-	187670.	0 (Negligible)

Structure: No 1 Cliff Road | Sub-structure: Garden Far Elevation

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

Structure: No 1 Cliff Road | Sub-structure: Garden Side Elevation

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0010142	0.0	-167.23E-6	0.68369	919.71E-6	0.0	-167.23E-6	-	23181.	0 (Negligible)

Structure: No 1 Cliff Road | Sub-structure: Near Elevation

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0011206	0.0	48.632E-6	0.51258	0.0010954	0.0	48.632E-6	63062.	309050.	0 (Negligible)

Structure: No 1 Cliff Road | Sub-structure: Rear Elevation

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	0.0012716	0.0	-119.81E-6	0.47488	0.0012191	0.0	-119.81E-6	-	28822.	0 (Negligible)

Structure: No 1 Cliff Road | Sub-structure: Far Elevation

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

Structure: No 1 Cliff Road | Sub-structure: Frontage

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0.0	401.26E-6	0.0	51.533E-6	0.25334	390.49E-6	0.0	51.533E-6	-	98440.	0 (Negligible)

Specific Building Damage Results - Critical Segments within Each Structure

Structure Name	Parameter	Critical Sub-Structure	Critical Segment	Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
				[m]	[m]			[mm]	[%]	[m]	[m]	
No 155 York Way	Max Slope	Rear Elevation (Garden)	1	0.0	11.899	Sagging	**0.0017331**	5.5010	0.027428	-	1390.0	0 (Negligible)
	Max Settlement	Party Wall with site (Garden)	2	0.94399	3.8990	Hogging	0.0015606	**5.8741**	0.031951	606.58	-	0 (Negligible)
	Max Tensile Strain	Party Wall with site (Garden)	2	0.94399	3.8990	Hogging	0.0015606	5.8741	**0.031951**	606.58	-	0 (Negligible)
	Min Radius of Curvature (Hogging)	Party Wall with site (Garden)	2	0.94399	3.8990	Hogging	0.0015606	5.8741	0.031951	**606.58**	-	0 (Negligible)
	Min Radius of Curvature (Sagging)	Rear Elevation (Garden)	1	0.0	11.899	Sagging	0.0017331	5.5010	0.027428	-	**1390.0**	0 (Negligible)
No 159 York Way	Max Slope	Lightwell / Rear Extension	1	0.0	5.9000	Sagging	**0.0016120**	3.8649	0.029847	-	934.88	0 (Negligible)
	Max Settlement	Lightwell / Rear Extension	1	0.0	5.9000	Sagging	0.0016120	**3.8649**	0.029847	-	934.88	0 (Negligible)
	Max Tensile	Lightwell /	1	0.0	5.9000	Sagging	0.0016120	3.8649	**0.029847**	-	934.88	0 (Negligible)

Structure Name	Parameter	Critical Sub-Structure	Critical Segment	Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
	Strain	Rear Extension										
	Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
	Min Radius of Curvature (Sagging)	Lightwell / Rear Extension	1	0.0	5.9000	Sagging	0.0016120	3.8649	0.029847	-	**934.88**	0 (Negligible)
No 161 York Way	Max Slope	Lightwell / Rear Extension	1	0.98333	5.8990	Sagging	**111.69E-6**	0.45982	0.0017206	-	32914.	0 (Negligible)
	Max Settlement	Lightwell / Rear Extension	1	0.98333	5.8990	Sagging	111.69E-6	**0.45982**	0.0017206	-	32914.	0 (Negligible)
	Max Tensile Strain	Lightwell / Rear Extension	1	0.98333	5.8990	Sagging	111.69E-6	0.45982	**0.0017206**	-	32914.	0 (Negligible)
	Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
	Min Radius of Curvature (Sagging)	Lightwell / Rear Extension	1	0.98333	5.8990	Sagging	111.69E-6	0.45982	0.0017206	-	**32914.**	0 (Negligible)
No 1 Cliff Road	Max Slope	Garden Side Elevation	1	0.0	1.8990	Sagging	**167.23E-6**	0.68369	919.71E-6	-	23181.	0 (Negligible)
	Max Settlement	Garden Near Elevation	1	0.0	8.7733	Hogging	107.33E-6	**0.97029**	0.0051280	28347.	-	0 (Negligible)
	Max Tensile Strain	Garden Near Elevation	1	0.0	8.7733	Hogging	107.33E-6	0.97029	**0.0051280**	28347.	-	0 (Negligible)
	Min Radius of Curvature (Hogging)	Garden Near Elevation	1	0.0	8.7733	Hogging	107.33E-6	0.97029	0.0051280	**28347.**	-	0 (Negligible)
	Min Radius of Curvature (Sagging)	Garden Side Elevation	1	0.0	1.8990	Sagging	167.23E-6	0.68369	919.71E-6	-	**23181.**	0 (Negligible)

Geotechnical & Environmental Associates (GEA) is an engineer-led and client-focused independent specialist providing a complete range of geotechnical and contaminated land investigation, analytical and consultancy services to the property and construction industries.

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