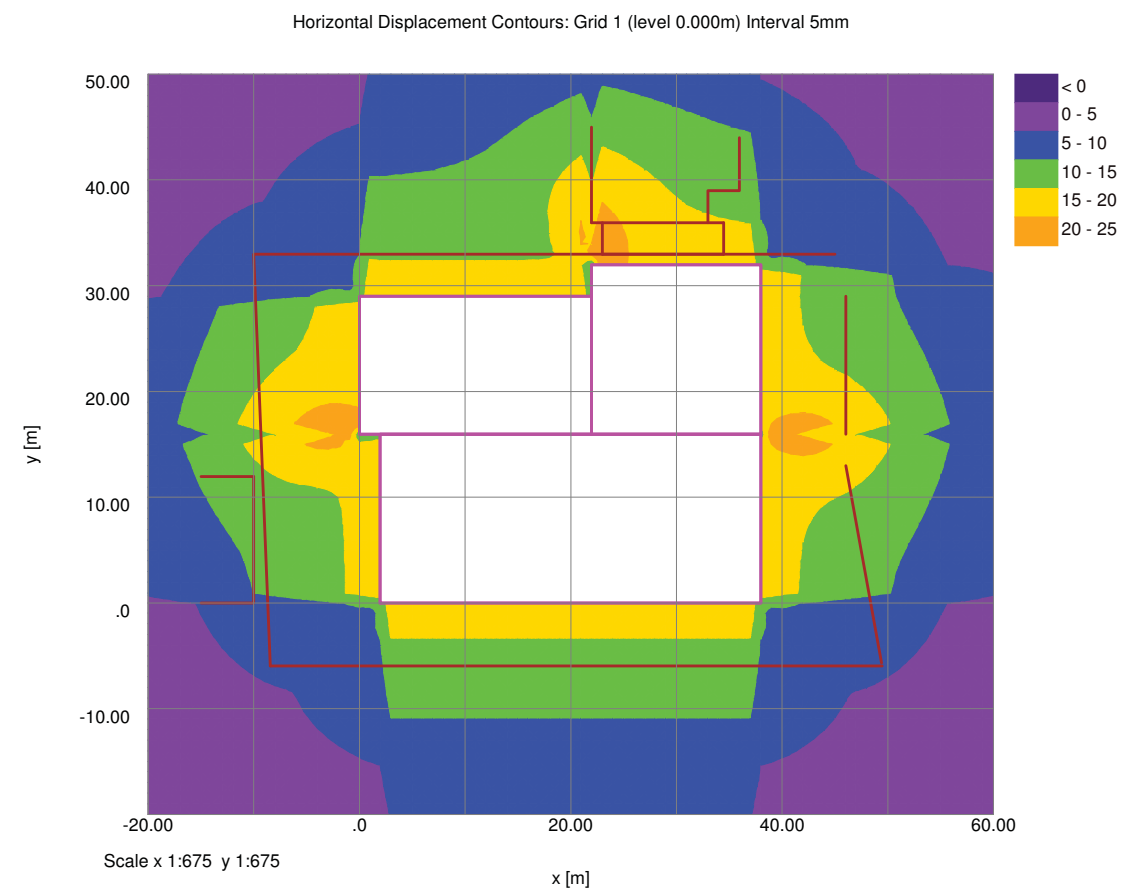
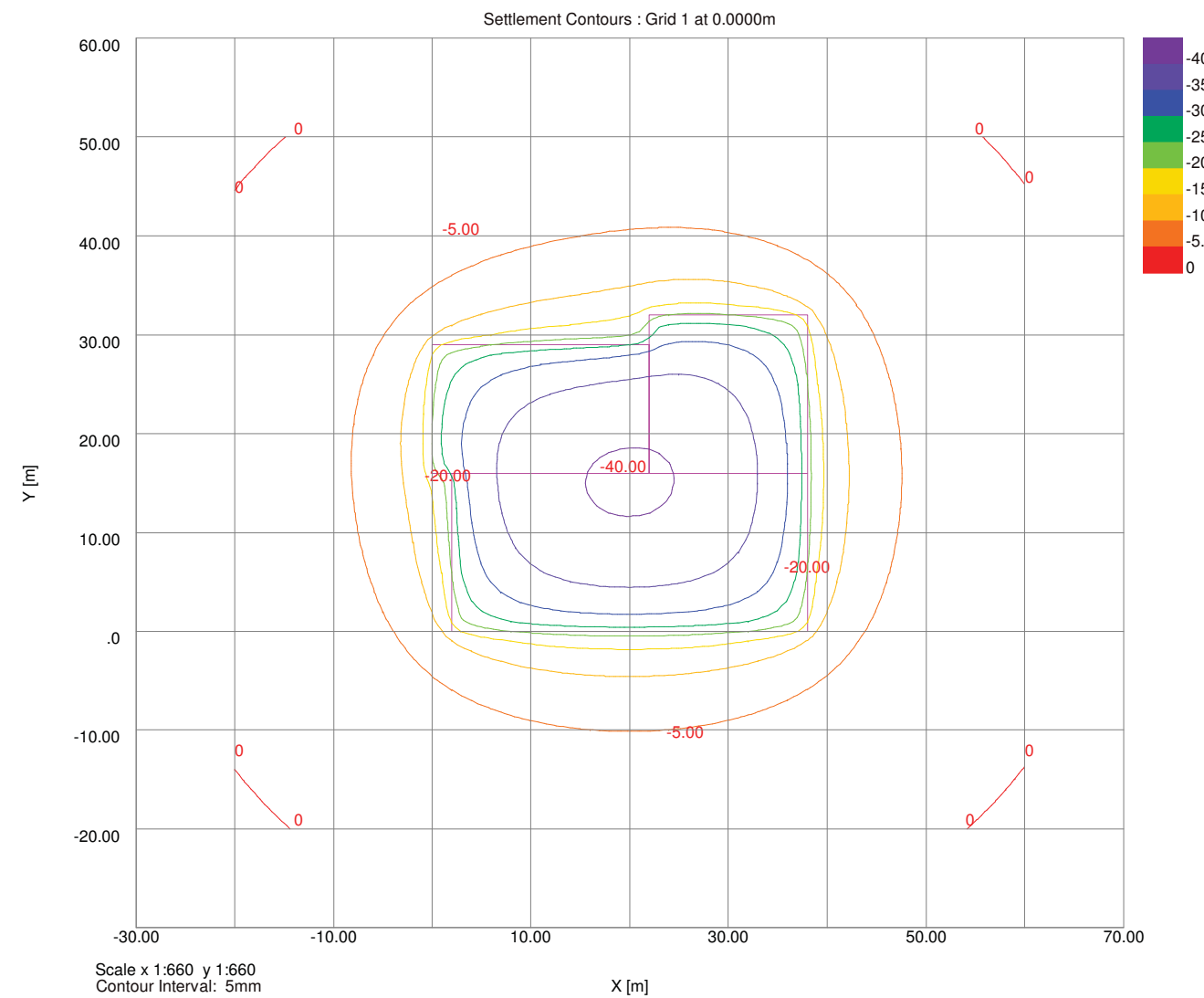


Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked



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





73-75 Avenue Road, NW8

Short-term Heave

Analysis Options

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

Soil ProfilesSoil Profile 1

Layer	Level at top	Number of intermediate displacement levels	Youngs Modulus	Poissons ratio	Non-linear curve
	[mOD]		Top [kN/m²]	Btm [kN/m²]	
1	0.0	1	7500.0	7500.0	0.50000
2	-2.0000	6	30000.0	42500.0	0.50000
3	-8.5000	16	42500.0	75000.0	0.50000
4	-25.000	55	75000.0	157500.0	0.50000

Soil Zones

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

Load Data

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

Displacement Data

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

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.50
Horizontal rigid boundary level: -80.00 [m OD]
The maximum displacement difference between Boussinesq method (-32.450mm) and Mindlin method (-24.857mm) occurs at point X=32.000m Y=26.000m Level 0.0mOD and is 7.5931mm

Name	X	Y	Location	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
Load 1	20.00000	8.00000	-8.50000	-38.347	-8.9310	-159.99	-466.35	-157.23E-6	
Load 2	11.00000	22.50000	-8.50000	-35.994	-8.9310	-159.99	-463.67	-187.92E-6	
Load 3	30.00000	24.00000	-8.50000	-35.277	-8.9310	-159.99	-463.34	-191.83E-6	
Grid 1	-20.00000	-20.00000	0.00000	0.19586	-0.50000	0.0	0.0	0.0	
	-19.00000	-20.00000	0.00000	0.16546	-0.50000	0.0	0.0	0.0	
	-18.00000	-20.00000	0.00000	0.13314	-0.50000	0.0	0.0	0.0	
	-17.00000	-20.00000	0.00000	0.098854	-0.50000	0.0	0.0	0.0	
	-16.00000	-20.00000	0.00000	0.062578	-0.50000	0.0	0.0	0.0	
	-15.00000	-20.00000	0.00000	0.024292	-0.50000	0.0	0.0	0.0	
	-14.00000	-20.00000	0.00000	-0.016008	-0.50000	0.0	0.0	0.0	
	-13.00000	-20.00000	0.00000	-0.058319	-0.50000	0.0	0.0	0.0	
	-12.00000	-20.00000	0.00000	-0.10262	-0.50000	0.0	0.0	0.0	
	-11.00000	-20.00000	0.00000	-0.14887	-0.50000	0.0	0.0	0.0	
	-10.00000	-20.00000	0.00000	-0.19701	-0.50000	0.0	0.0	0.0	
	-9.00000	-20.00000	0.00000	-0.24696	-0.50000	0.0	0.0	0.0	
	-8.00000	-20.00000	0.00000	-0.29863	-0.50000	0.0	0.0	0.0	
	-7.00000	-20.00000	0.00000	-0.35188	-0.50000	0.0	0.0	0.0	
	-6.00000	-20.00000	0.00000	-0.40657	-0.50000	0.0	0.0	0.0	
	-5.00000	-20.00000	0.00000	-0.46252	-0.50000	0.0	0.0	0.0	
	-4.00000	-20.00000	0.00000	-0.51953	-0.50000	0.0	0.0	0.0	
	-3.00000	-20.00000	0.00000	-0.57736	-0.50000	0.0	0.0	0.0	
	-2.00000	-20.00000	0.00000	-0.63577	-0.50000	0.0	0.0	0.0	
	-1.00000	-20.00000	0.00000	-0.69448	-0.50000	0.0	0.0	0.0	
	0.00000	-20.00000	0.00000	-0.75319	-0.50000	0.0	0.0	0.0	
	1.00000	-20.00000	0.00000	-0.81160	-0.50000	0.0	0.0	0.0	
	2.00000	-20.00000	0.00000	-0.86938	-0.50000	0.0	0.0	0.0	
	3.00000	-20.00000	0.00000	-0.92620	-0.50000	0.0	0.0	0.0	
	4.00000	-20.00000	0.00000	-0.98173	-0.50000	0.0	0.0	0.0	
	5.00000	-20.00000	0.00000	-1.0366	-0.50000	0.0	0.0	0.0	
	6.00000	-20.00000	0.00000	-1.0876	-0.50000	0.0	0.0	0.0	
	7.00000	-20.00000	0.00000	-1.1373	-0.50000	0.0	0.0	0.0	
	8.00000	-20.00000	0.00000	-1.1845	-0.50000	0.0	0.0	0.0	
	9.00000	-20.00000	0.00000	-1.2289	-0.50000	0.0	0.0	0.0	
	10.00000	-20.00000	0.00000	-1.2702	-0.50000	0.0	0.0	0.0	
	11.00000	-20.00000	0.00000	-1.3082	-0.50000	0.0	0.0	0.0	
	12.00000	-20.00000	0.00000	-1.3426	-0.50000	0.0	0.0	0.0	
	13.00000	-20.00000	0.00000	-1.3734	-0.50000	0.0	0.0	0.0	
	14.00000	-20.00000	0.00000	-1.4004	-0.50000	0.0	0.0	0.0	
	15.00000	-20.00000	0.00000	-1.4234	-0.50000	0.0	0.0	0.0	
	16.00000	-20.00000	0.00000	-1.4423	-0.50000	0.0	0.0	0.0	
	17.00000	-20.00000	0.00000	-1.4570	-0.50000	0.0	0.0	0.0	
	18.00000	-20.00000	0.00000	-1.4675	-0.50000	0.0	0.0	0.0	
	19.00000	-20.00000	0.00000	-1.4736	-0.50000	0.0	0.0	0.0	
	20.00000	-20.00000	0.00000	-1.4755	-0.50000	0.0	0.0	0.0	
	21.00000	-20.00000	0.00000	-1.4730	-0.50000	0.0	0.0	0.0	
	22.00000	-20.00000	0.00000	-1.4662	-0.50000	0.0	0.0	0.0	
	23.00000	-20.00000	0.00000	-1.4551	-0.50000	0.0	0.0	0.0	
	24.00000	-20.00000	0.00000	-1.4397	-0.50000	0.0	0.0	0.0	
	25.00000	-20.00000	0.00000	-1.4202	-0.50000	0.0	0.0	0.0	
	26.00000	-20.00000	0.00000	-1.3966	-0.50000	0.0	0.0	0.0	
	27.00000	-20.00000	0.00000	-1.3691	-0.50000	0.0	0.0	0.0	
	28.00000	-20.00000	0.00000	-1.3377	-0.50000	0.0	0.0	0.0	
	29.00000	-20.00000	0.00000	-1.3026	-0.50000	0.0	0.0	0.0	
	30.00000	-20.00000	0.00000	-1.2641	-0.50000	0.0	0.0	0.0	
	31.00000	-20.00000	0.00000	-1.2223	-0.50000	0.0	0.0	0.0	
	32.00000	-20.00000	0.00000	-1.1775	-0.50000	0.0	0.0	0.0	
	33.00000	-20.00000	0.00000	-1.1298	-0.50000	0.0	0.0	0.0	
	34.00000	-20.00000	0.00000	-1.0797	-0.50000	0.0	0.0	0.0	
	35.00000	-20.00000	0.00000	-1.0273	-0.50000	0.0	0.0	0.0	
	36.00000	-20.00000	0.00000	-0.97307	-0.50000	0.0	0.0	0.0	
	37.00000	-20.00000	0.00000	-0.91723	-0.50000	0.0	0.0	0.0	
	38.00000	-20.00000	0.00000	-0.86012	-0.50000	0.0	0.0	0.0	
	39.00000	-20.00000	0.00000	-0.80210	-0.50000	0.0	0.0	0.0	
	40.00000	-20.00000	0.00000	-0.74349	-0.50000	0.0	0.0	0.0	
	41.00000	-20.00000	0.00000	-0.68461	-0.50000	0.0	0.0	0.0	
	42.00000	-20.00000	0.00000	-0.62577	-0.50000	0.0	0.0	0.0	
	43.00000	-20.00000	0.00000	-0.56728	-0.50000	0.0	0.0	0.0	
	44.00000	-20.00000	0.00000	-0.50938	-0.50000	0.0	0.0	0.0	
	45.00000	-20.00000	0.00000	-0.45237	-0.50000	0.0	0.0	0.0	
	46.00000	-20.00000	0.00000	-0.39644	-0.50000	0.0	0.0	0.0	
	47.00000	-20.00000	0.00000	-0.34180	-0.50000	0.0	0.0	0.0	
	48.00000	-20.00000	0.00000	-0.28863	-0.50000	0.0	0.0	0.0	
	49.00000	-20.00000	0.00000	-0.23708	-0.50000	0.0	0.0	0.0	
	50.00000	-20.00000	0.00000	-0.18727	-0.50000	0.0	0.0	0.0	



73-75 Avenue Road, NW8

Short-term Heave

Name	X	Location	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
	51.00000	-20.00000	0.00000	-0.13930	-0.50000	0.0	0.0	0.0
	52.00000	-20.00000	0.00000	-0.093241	-0.50000	0.0	0.0	0.0
	53.00000	-20.00000	0.00000	-0.049154	-0.50000	0.0	0.0	0.0
	54.00000	-20.00000	0.00000	-0.0070738	-0.50000	0.0	0.0	0.0
	55.00000	-20.00000	0.00000	0.032981	-0.50000	0.0	0.0	0.0
	56.00000	-20.00000	0.00000	0.071006	-0.50000	0.0	0.0	0.0
	57.00000	-20.00000	0.00000	0.10701	-0.50000	0.0	0.0	0.0
	58.00000	-20.00000	0.00000	0.14102	-0.50000	0.0	0.0	0.0
	59.00000	-20.00000	0.00000	0.17305	-0.50000	0.0	0.0	0.0
	60.00000	-20.00000	0.00000	0.20316	-0.50000	0.0	0.0	0.0
	-20.00000	-19.00000	0.00000	0.16715	-0.50000	0.0	0.0	0.0
	-19.00000	-19.00000	0.00000	0.13404	-0.50000	0.0	0.0	0.0
	-18.00000	-19.00000	0.00000	0.098802	-0.50000	0.0	0.0	0.0
	-17.00000	-19.00000	0.00000	0.061385	-0.50000	0.0	0.0	0.0
	-16.00000	-19.00000	0.00000	0.021753	-0.50000	0.0	0.0	0.0
	-15.00000	-19.00000	0.00000	-0.020123	-0.50000	0.0	0.0	0.0
	-14.00000	-19.00000	0.00000	-0.064260	-0.50000	0.0	0.0	0.0
	-13.00000	-19.00000	0.00000	-0.11066	-0.50000	0.0	0.0	0.0
	-12.00000	-19.00000	0.00000	-0.15931	-0.50000	0.0	0.0	0.0
	-11.00000	-19.00000	0.00000	-0.21017	-0.50000	0.0	0.0	0.0
	-10.00000	-19.00000	0.00000	-0.26320	-0.50000	0.0	0.0	0.0
	-9.00000	-19.00000	0.00000	-0.31831	-0.50000	0.0	0.0	0.0
	-8.00000	-19.00000	0.00000	-0.37539	-0.50000	0.0	0.0	0.0
	-7.00000	-19.00000	0.00000	-0.43432	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
30.00000	-18.00000	0.00000	-1.6618	-0.50000	0.0	0.0	0.0	
31.00000	-18.00000	0.00000	-1.6094	-0.50000	0.0	0.0	0.0	
32.00000	-18.00000	0.00000	-1.5532	-0.50000	0.0	0.0	0.0	
33.00000	-18.00000	0.00000	-1.4934	-0.50000	0.0	0.0	0.0	
34.00000	-18.00000	0.00000	-1.4304	-0.50000	0.0	0.0	0.0	
35.00000	-18.00000	0.00000	-1.3646	-0.50000	0.0	0.0	0.0	
36.00000	-18.00000	0.00000	-1.2965	-0.50000	0.0	0.0	0.0	
37.00000	-18.00000	0.00000	-1.2264	-0.50000	0.0	0.0	0.0	
38.00000	-18.00000	0.00000	-1.1547	-0.50000	0.0	0.0	0.0	
39.00000	-18.00000	0.00000	-1.0820	-0.50000	0.0	0.0	0.0	
40.00000	-18.00000	0.00000	-1.0087	-0.50000	0.0	0.0	0.0	
41.00000	-18.00000	0.00000	-0.93518	-0.50000	0.0	0.0	0.0	
42.00000	-18.00000	0.00000	-0.86186	-0.50000	0.0	0.0	0.0	
43.00000	-18.00000	0.00000	-0.78914	-0.50000	0.0	0.0	0.0	
44.00000	-18.00000	0.00000	-0.71738	-0.50000	0.0	0.0	0.0	
45.00000	-18.00000	0.00000	-0.64690	-0.50000	0.0	0.0	0.0	
46.00000	-18.00000	0.00000	-0.57798	-0.50000	0.0	0.0	0.0	
47.00000	-18.00000	0.00000	-0.51087	-0.50000	0.0	0.0	0.0	
48.00000	-18.00000	0.00000	-0.44578	-0.50000	0.0	0.0	0.0	
49.00000	-18.00000	0.00000	-0.38288	-0.50000	0.0	0.0	0.0	
50.00000	-18.00000	0.00000	-0.32230	-0.50000	0.0	0.0	0.0	
51.00000	-18.00000	0.00000	-0.26415	-0.50000	0.0	0.0	0.0	
52.00000	-18.00000	0.00000	-0.20850	-0.50000	0.0	0.0	0.0	
53.00000	-18.00000	0.00000	-0.15539	-0.50000	0.0	0.0	0.0	
54.00000	-18.00000	0.00000	-0.10485	-0.50000	0.0	0.0	0.0	
55.00000	-18.00000	0.00000	-0.05686	-0.50000	0.0	0.0	0.0	
56.00000	-18.00000	0.00000	-0.011470	-0.50000	0.0	0.0	0.0	
57.00000	-18.00000	0.00000	0.031426	-0.50000	0.0	0.0	0.0	
58.00000	-18.00000	0.00000	0.071847	-0.50000	0.0	0.0	0.0	
59.00000	-18.00000	0.00000	0.109885	-0.50000	0.0	0.0	0.0	
60.00000	-18.00000	0.00000	0.14549	-0.50000	0.0	0.0	0.0	
-20.00000	-17.00000	0.00000	0.10499	-0.50000	0.0	0.0	0.0	
-19.00000	-17.00000	0.00000	0.065907	-0.50000	0.0	0.0	0.0	
-18.00000	-17.00000	0.00000	0.024223	-0.50000	0.0	0.0	0.0	
-17.00000	-17.00000	0.00000	-0.020138	-0.50000	0.0	0.0	0.0	
-16.00000	-17.00000	0.00000	-0.067245	-0.50000	0.0	0.0	0.0	
-15.00000	-17.00000	0.00000	-0.11715	-0.50000	0.0	0.0	0.0	
-14.00000	-17.00000	0.00000	-0.16991	-0.50000	0.0	0.0	0.0	
-13.00000	-17.00000	0.00000	-0.22554	-0.50000	0.0	0.0	0.0	
-12.00000	-17.00000	0.00000	-0.28406	-0.50000	0.0	0.0	0.0	
-11.00000	-17.00000	0.00000	-0.34545	-0.50000	0.0	0.0	0.0	
-10.00000	-17.00000	0.00000	-0.40967	-0.50000	0.0	0.0	0.0	
-9.00000	-17.00000	0.00000	-0.47666	-0.50000	0.0	0.0	0.0	
-8.00000	-17.00000	0.00000	-0.54630	-0.50000	0.0	0.0	0.0	
-7.00000	-17.00000	0.00000	-0.61846	-0.50000	0.0	0.0	0.0	
-6.00000	-17.00000	0.00000	-0.69295	-0.50000	0.0	0.0	0.0	
-5.00000	-17.00000	0.00000	-0.76954	-0.50000	0.0	0.0	0.0	
-4.00000	-17.00000	0.00000	-0.84797	-0.50000	0.0	0.0	0.0	
-3.00000	-17.00000	0.00000	-0.92790	-0.50000	0.0	0.0	0.0	
-2.00000	-17.00000	0.00000	-1.00990	-0.50000	0.0	0.0	0.0	
-1.00000	-17.00000	0.00000	-1.0908	-0.50000	0.0	0.0	0.0	
0.00000	-17.00000	0.00000	-1.1729	-0.50000	0.0	0.0	0.0	
1.00000	-17.00000	0.00000	-1.2548	-0.50000	0.0	0.0	0.0	
2.00000	-17.00000	0.00000	-1.3360	-0.50000	0.0	0.0	0.0	
3.00000	-17.00000	0.00000	-1.4160	-0.50000	0.0	0.0	0.0	
4.00000	-17.00000	0.00000	-1.4943	-0.50000	0.0	0.0	0.0	
5.00000	-17.00000	0.00000	-1.5704	-0.50000	0.0	0.0	0.0	
6.00000	-17.00000	0.00000	-1.6437	-0.50000	0.0	0.0	0.0	
7.00000	-17.00000	0.00000	-1.7138	-0.50000	0.0	0.0	0.0	
8.00000	-17.00000	0.00000	-1.7803	-0.50000	0.0	0.0	0.0	
9.00000	-17.00000	0.00000	-1.8427	-0.50000	0.0	0.0	0.0	
10.00000	-17.00000	0.00000	-1.9007	-0.50000	0.0	0.0	0.0	
11.00000	-17.00000	0.00000	-1.9540	-0.50000	0.0	0.0	0.0	
12.00000	-17.00000	0.00000	-2.0024	-0.50000	0.0	0.0	0.0	
13.00000	-17.00000	0.00000	-2.0455	-0.50000	0.0	0.0	0.0	
14.00000	-17.00000	0.00000	-2.0831	-0.50000	0.0	0.0	0.0	
15.00000	-17.00000	0.00000	-2.1152	-0.50000	0.0	0.0	0.0	
16.00000	-17.00000	0.00000	-2.1415	-0.50000	0.0	0.0	0.0	
17.00000	-17.00000	0.00000	-2.1620	-0.50000	0.0	0.0	0.0	
18.00000	-17.00000	0.00000	-2.1765	-0.50000	0.0	0.0	0.0	
19.00000	-17.00000	0.00000	-2.1851	-0.50000	0.0	0.0	0.0	
20.00000	-17.00000	0.00000	-2.1877	-0.50000	0.0	0.0	0.0	
21.00000	-17.00000	0.00000	-2.1842	-0.50000	0.0	0.0	0.0	
22.00000	-17.00000	0.00000	-2.1748	-0.50000	0.0	0.0	0.0	
23.00000	-17.00000	0.00000	-2.1594	-0.50000	0.0	0.0	0.0	
24.00000	-17.00000	0.00000	-2.1380	-0.50000	0.0	0.0	0.0	
25.00000	-17.00000	0.00000	-2.1109	-0.50000	0.0	0.0	0.0	
26.00000	-17.00000	0.00000	-2.0780	-0.50000	0.0	0.0	0.0	
27.00000	-17.00000	0.00000	-2.0396	-0.50000	0.0	0.0	0.0	
28.00000	-17.00000	0.00000	-1.9957	-0.50000	0.0	0.0	0.0	
29.00000	-17.00000	0.00000	-1.9466	-0.50000	0.0	0.0	0.0	
30.00000	-17.00000	0.00000	-1.8926	-0.50000	0.0	0.0	0.0	
31.00000	-17.00000	0.00000	-1.8339	-0.50000	0.0	0.0	0.0	
32.00000	-17.00000	0.00000	-1.7708	-0.50000	0.0	0.0	0.0	
33.00000	-17.00000	0.00000	-1.7037	-0.50000	0.0	0.0	0.0	
34.00000	-17.00000	0.00000	-1.6330	-0.50000	0.0	0.0	0.0	
35.00000	-17.00000	0.00000	-1.5592	-0.50000	0.0	0.0	0.0	
36.00000	-17.00000	0.00000	-1.4826	-0.50000	0.0	0.0	0.0	
37.00000	-17.00000	0.00000	-1.4039	-0.50000	0.0	0.0	0.0	
38.00000	-17.00000	0.00000	-1.3236	-0.50000	0.0	0.0	0.0	
39.00000	-17.00000	0.00000	-1.2420	-0.50000	0.0	0.0	0.0	
40.00000	-17.00000	0.00000	-1.1598	-0.50000	0.0	0.0	0.0	
41.00000	-17.00000	0.00000	-1.0775	-0.50000	0.0	0.0	0.0	
42.00000	-17.00000	0.00000	-0.99557	-0.50000	0.0	0.0	0.0	
43.00000	-17.00000	0.00000	-0.91439	-0.50000	0.0	0.0	0.0	
44.00000	-17.00000	0.00000	-0.83441	-0.50000	0.0	0.0	0.0	
45.00000	-17.00000	0.00000	-0.75599	-0.50000	0.0	0.0	0.0	
46.00000	-17.00000	0.00000	-0.67945	-0.50000	0.0	0.0	0.0	
47.00000	-17.00000	0.00000	-0.60505	-0.50000	0.0	0.0	0.0	
48.00000	-17.00000	0.00000	-0.53304	-0.50000	0.0	0.0	0.0	
49.00000	-17.00000	0.00000	-0.46358	-0.50000	0.0	0.0	0.0	
50.00000	-17.00000	0.00000	-0.39682	-0.50000	0.0	0.0	0.0	
51.00000	-17.00000	0.00000	-0.33285	-0.50000	0.0	0.0	0.0	
52.00000	-17.00000	0.00000	-0.27174	-0.50000	0.0	0.0	0.0	
53.00000	-17.00000	0.00000	-0.21354	-0.50000	0.0	0.0	0.0	
54.00000	-17.00000	0.00000	-0.15824	-0.50000	0.0	0.0	0.0	
55.00000	-17.00000	0.00000	-0.10584	-0.50000	0.0	0.0	0.0	
56.00000	-17.00000	0.00000	-0.056298	-0.50000	0.0	0.0	0.0	
57.00000	-17.00000	0.00000	-0.009745	-0.50000	0.0	0.0	0.0	
58.00000	-17.00000	0.00000	0.034394	-0.50000	0.0	0.0	0.0	
59.00000	-17.00000	0.00000	0.075678	-0.50000	0.0	0.0	0.0	
60.00000	-17.00000	0.00000	0.11436	-0.50000	0.0	0.0	0.0	
-20.00000	-16.00000	0.00000	0.071546	-0.50000	0.0	0.0	0.0	
-19.00000	-16.00000	0.00000	0.029190	-0.50000	0.0	0.0	0.0	
-18.00000	-16.00000	0.00000	-0.016037	-0.50000	0.0	0.0	0.0	
-17.00000	-16.00000	0.00000	-0.064232	-0.50000	0.0	0.0	0.0	
-16.00000	-16.00000	0.00000	-0.11548	-0.50000	0.0	0.0	0.0	
-15.00000	-16.00000	0.00000	-0.16987	-0.50000	0.0	0.0	0.0	
-14.00000	-16.00000	0.00000	-0.22745	-0.50000	0.0	0.0	0.0	
-13.00000	-16.00000	0.00000	-0.28827	-0.50000	0.0	0.0	0.0	
-12.00000	-16.00000	0.00000	-0.35237	-0.50000	0.0	0.0	0.0	
-11.00000	-16.00000	0.00000	-0.41974	-0.50000	0.0	0.0	0.0	
-10.00000	-16.00000	0.00000	-0.49036	-0.50000	0.0	0.0	0.0	
-9.00000	-16.00000	0.00000	-0.56417	-0.50000	0.0	0.0	0.0	
-8.00000	-16.00000	0.00000	-0.64107	-0.50000	0.0	0.0	0.0	
-7.00000	-16.00000	0.00000	-0.72092	-0.50000	0.0	0.0	0.0	
-6.00000	-16.00000	0.00000	-0.80353	-0.50000	0.0	0.0	0.0	
-5.00000	-16.00000	0.00000	-0.88865	-0.50000	0.0	0.0	0.0	
-4.00000	-16.00000	0.00000	-0.97598	-0.50000	0.0	0.0	0.0	
-3.00000	-16.00000	0.00000	-1.06529	-0.50000	0.0	0.0	0.0	
-2.00000	-16.00000	0.00000	-1.1558	-0.50000	0.0	0.0	0.0	
-1.00000	-16.00000	0.00000	-1.2474	-0.50000	0.0	0.0	0.0	
0.00000	-16.00000	0.00000	-1.3394	-0.50000	0.0	0.0	0.0	
1.00000	-16.00000	0.00000	-1.4314	-0.50000	0.0	0.0	0.0	
2.00000	-16.00000	0.00000	-1.5226	-0.50000	0.0	0.0	0.0	
3.00000	-16.00000	0.00000	-1.6125	-0.50000	0.0			



73-75 Avenue Road, NW8

Short-term Heave

Name	X	Location	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
-12.00000	-14.00000	0.00000	-0.50134	-0.50000	0.0	0.0	0.0	0.0
-11.00000	-14.00000	0.00000	-0.58231	-0.50000	0.0	0.0	0.0	0.0
-10.00000	-14.00000	0.00000	-0.66757	-0.50000	0.0	0.0	0.0	0.0
-9.00000	-14.00000	0.00000	-0.75711	-0.50000	0.0	0.0	0.0	0.0
-8.00000	-14.00000	0.00000	-0.85085	-0.50000	0.0	0.0	0.0	0.0
-7.00000	-14.00000	0.00000	-0.94867	-0.50000	0.0	0.0	0.0	0.0
-6.00000	-14.00000	0.00000	-1.0504	-0.50000	0.0	0.0	0.0	0.0
-5.00000	-14.00000	0.00000	-1.1557	-0.50000	0.0	0.0	0.0	0.0
-4.00000	-14.00000	0.00000	-1.2643	-0.50000	0.0	0.0	0.0	0.0
-3.00000	-14.00000	0.00000	-1.3757	-0.50000	0.0	0.0	0.0	0.0
-2.00000	-14.00000	0.00000	-1.4894	-0.50000	0.0	0.0	0.0	0.0
-1.00000	-14.00000	0.00000	-1.6047	-0.50000	0.0	0.0	0.0	0.0
0.00000	-14.00000	0.00000	-1.7210	-0.50000	0.0	0.0	0.0	0.0
1.00000	-14.00000	0.00000	-1.8375	-0.50000	0.0	0.0	0.0	0.0
2.00000	-14.00000	0.00000	-1.9534	-0.50000	0.0	0.0	0.0	0.0
3.00000	-14.00000	0.00000	-2.0677	-0.50000	0.0	0.0	0.0	0.0
4.00000	-14.00000	0.00000	-2.1797	-0.50000	0.0	0.0	0.0	0.0
5.00000	-14.00000	0.00000	-2.2885	-0.50000	0.0	0.0	0.0	0.0
6.00000	-14.00000	0.00000	-2.3933	-0.50000	0.0	0.0	0.0	0.0
7.00000	-14.00000	0.00000	-2.4933	-0.50000	0.0	0.0	0.0	0.0
8.00000	-14.00000	0.00000	-2.5880	-0.50000	0.0	0.0	0.0	0.0
9.00000	-14.00000	0.00000	-2.6766	-0.50000	0.0	0.0	0.0	0.0
10.00000	-14.00000	0.00000	-2.7586	-0.50000	0.0	0.0	0.0	0.0
11.00000	-14.00000	0.00000	-2.8341	-0.50000	0.0	0.0	0.0	0.0
12.00000	-14.00000	0.00000	-2.9020	-0.50000	0.0	0.0	0.0	0.0
13.00000	-14.00000	0.00000	-2.9625	-0.50000	0.0	0.0	0.0	0.0
14.00000	-14.00000	0.00000	-3.0151	-0.50000	0.0	0.0	0.0	0.0
15.00000	-14.00000	0.00000	-3.0598	-0.50000	0.0	0.0	0.0	0.0
16.00000	-14.00000	0.00000	-3.0964	-0.50000	0.0	0.0	0.0	0.0
17.00000	-14.00000	0.00000	-3.1249	-0.50000	0.0	0.0	0.0	0.0
18.00000	-14.00000	0.00000	-3.1451	-0.50000	0.0	0.0	0.0	0.0
19.00000	-14.00000	0.00000	-3.1570	-0.50000	0.0	0.0	0.0	0.0
20.00000	-14.00000	0.00000	-3.1606	-0.50000	0.0	0.0	0.0	0.0
21.00000	-14.00000	0.00000	-3.1558	-0.50000	0.0	0.0	0.0	0.0
22.00000	-14.00000	0.00000	-3.1428	-0.50000	0.0	0.0	0.0	0.0
23.00000	-14.00000	0.00000	-3.1214	-0.50000	0.0	0.0	0.0	0.0
24.00000	-14.00000	0.00000	-3.0918	-0.50000	0.0	0.0	0.0	0.0
25.00000	-14.00000	0.00000	-3.0541	-0.50000	0.0	0.0	0.0	0.0
26.00000	-14.00000	0.00000	-3.0083	-0.50000	0.0	0.0	0.0	0.0
27.00000	-14.00000	0.00000	-2.9545	-0.50000	0.0	0.0	0.0	0.0
28.00000	-14.00000	0.00000	-2.8930	-0.50000	0.0	0.0	0.0	0.0
29.00000	-14.00000	0.00000	-2.8240	-0.50000	0.0	0.0	0.0	0.0
30.00000	-14.00000	0.00000	-2.7478	-0.50000	0.0	0.0	0.0	0.0
31.00000	-14.00000	0.00000	-2.6647	-0.50000	0.0	0.0	0.0	0.0
32.00000	-14.00000	0.00000	-2.5752	-0.50000	0.0	0.0	0.0	0.0
33.00000	-14.00000	0.00000	-2.4797	-0.50000	0.0	0.0	0.0	0.0
34.00000	-14.00000	0.00000	-2.3788	-0.50000	0.0	0.0	0.0	0.0
35.00000	-14.00000	0.00000	-2.2733	-0.50000	0.0	0.0	0.0	0.0
36.00000	-14.00000	0.00000	-2.1639	-0.50000	0.0	0.0	0.0	0.0
37.00000	-14.00000	0.00000	-2.0514	-0.50000	0.0	0.0	0.0	0.0
38.00000	-14.00000	0.00000	-1.9365	-0.50000	0.0	0.0	0.0	0.0
39.00000	-14.00000	0.00000	-1.8203	-0.50000	0.0	0.0	0.0	0.0
40.00000	-14.00000	0.00000	-1.7034	-0.50000	0.0	0.0	0.0	0.0
41.00000	-14.00000	0.00000	-1.5869	-0.50000	0.0	0.0	0.0	0.0
42.00000	-14.00000	0.00000	-1.4713	-0.50000	0.0	0.0	0.0	0.0
43.00000	-14.00000	0.00000	-1.3575	-0.50000	0.0	0.0	0.0	0.0
44.00000	-14.00000	0.00000	-1.2461	-0.50000	0.0	0.0	0.0	0.0
45.00000	-14.00000	0.00000	-1.1376	-0.50000	0.0	0.0	0.0	0.0
46.00000	-14.00000	0.00000	-1.0323	-0.50000	0.0	0.0	0.0	0.0
47.00000	-14.00000	0.00000	-0.93082	-0.50000	0.0	0.0	0.0	0.0
48.00000	-14.00000	0.00000	-0.83224	-0.50000	0.0	0.0	0.0	0.0
49.00000	-14.00000	0.00000	-0.73979	-0.50000	0.0	0.0	0.0	0.0
50.00000	-14.00000	0.00000	-0.65060	-0.50000	0.0	0.0	0.0	0.0
51.00000	-14.00000	0.00000	-0.56573	-0.50000	0.0	0.0	0.0	0.0
52.00000	-14.00000	0.00000	-0.48519	-0.50000	0.0	0.0	0.0	0.0
53.00000	-14.00000	0.00000	-0.40895	-0.50000	0.0	0.0	0.0	0.0
54.00000	-14.00000	0.00000	-0.33696	-0.50000	0.0	0.0	0.0	0.0
55.00000	-14.00000	0.00000	-0.26932	-0.50000	0.0	0.0	0.0	0.0
56.00000	-14.00000	0.00000	-0.20533	-0.50000	0.0	0.0	0.0	0.0
57.00000	-14.00000	0.00000	-0.14546	-0.50000	0.0	0.0	0.0	0.0
58.00000	-14.00000	0.00000	-0.089388	-0.50000	0.0	0.0	0.0	0.0
59.00000	-14.00000	0.00000	-0.036959	-0.50000	0.0	0.0	0.0	0.0
60.00000	-14.00000	0.00000	0.011973	-0.50000	0.0	0.0	0.0	0.0
-20.00000	-13.00000	0.00000	-0.037964	-0.50000	0.0	0.0	0.0	0.0
-19.00000	-13.00000	0.00000	-0.091325	-0.50000	0.0	0.0	0.0	0.0
-18.00000	-13.00000	0.00000	-0.14854	-0.50000	0.0	0.0	0.0	0.0
-17.00000	-13.00000	0.00000	-0.20978	-0.50000	0.0	0.0	0.0	0.0
-16.00000	-13.00000	0.00000	-0.27520	-0.50000	0.0	0.0	0.0	0.0
-15.00000	-13.00000	0.00000	-0.34503	-0.50000	0.0	0.0	0.0	0.0
-14.00000	-13.00000	0.00000	-0.41936	-0.50000	0.0	0.0	0.0	0.0
-13.00000	-13.00000	0.00000	-0.49836	-0.50000	0.0	0.0	0.0	0.0
-12.00000	-13.00000	0.00000	-0.58214	-0.50000	0.0	0.0	0.0	0.0
-11.00000	-13.00000	0.00000	-0.67081	-0.50000	0.0	0.0	0.0	0.0
-10.00000	-13.00000	0.00000	-0.76441	-0.50000	0.0	0.0	0.0	0.0
-9.00000	-13.00000	0.00000	-0.86298	-0.50000	0.0	0.0	0.0	0.0
-8.00000	-13.00000	0.00000	-0.96646	-0.50000	0.0	0.0	0.0	0.0
-7.00000	-13.00000	0.00000	-1.0748	-0.50000	0.0	0.0	0.0	0.0
-6.00000	-13.00000	0.00000	-1.1877	-0.50000	0.0	0.0	0.0	0.0
-5.00000	-13.00000	0.00000	-1.3050	-0.50000	0.0	0.0	0.0	0.0
-4.00000	-13.00000	0.00000	-1.4263	-0.50000	0.0	0.0	0.0	0.0
-3.00000	-13.00000	0.00000	-1.5510	-0.50000	0.0	0.0	0.0	0.0
-2.00000	-13.00000	0.00000	-1.6787	-0.50000	0.0	0.0	0.0	0.0
-1.00000	-13.00000	0.00000	-1.8086	-0.50000	0.0	0.0	0.0	0.0
0.00000	-13.00000	0.00000	-1.9398	-0.50000	0.0	0.0	0.0	0.0
1.00000	-13.00000	0.00000	-2.0714	-0.50000	0.0	0.0	0.0	0.0
2.00000	-13.00000	0.00000	-2.2024	-0.50000	0.0	0.0	0.0	0.0
3.00000	-13.00000	0.00000	-2.3319	-0.50000	0.0	0.0	0.0	0.0
4.00000	-13.00000	0.00000	-2.4586	-0.50000	0.0	0.0	0.0	0.0
5.00000	-13.00000	0.00000	-2.5818	-0.50000	0.0	0.0	0.0	0.0
6.00000	-13.00000	0.00000	-2.7003	-0.50000	0.0	0.0	0.0	0.0
7.00000	-13.00000	0.00000	-2.8134	-0.50000	0.0	0.0	0.0	0.0
8.00000	-13.00000	0.00000	-2.9202	-0.50000	0.0	0.0	0.0	0.0
9.00000	-13.00000	0.00000	-3.0201	-0.50000	0.0	0.0	0.0	0.0
10.00000	-13.00000	0.00000	-3.1125	-0.50000	0.0	0.0	0.0	0.0
11.00000	-13.00000	0.00000	-3.1970	-0.50000	0.0	0.0	0.0	0.0
12.00000	-13.00000	0.00000	-3.2733	-0				



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
27.00000	-11.00000	0.00000	-4.2314	-0.50000	0.0	0.0	0.0	
28.00000	-11.00000	0.00000	-4.1451	-0.50000	0.0	0.0	0.0	
29.00000	-11.00000	0.00000	-4.0477	-0.50000	0.0	0.0	0.0	
30.00000	-11.00000	0.00000	-3.9394	-0.50000	0.0	0.0	0.0	
31.00000	-11.00000	0.00000	-3.8207	-0.50000	0.0	0.0	0.0	
32.00000	-11.00000	0.00000	-3.6921	-0.50000	0.0	0.0	0.0	
33.00000	-11.00000	0.00000	-3.5541	-0.50000	0.0	0.0	0.0	
34.00000	-11.00000	0.00000	-3.4076	-0.50000	0.0	0.0	0.0	
35.00000	-11.00000	0.00000	-3.2537	-0.50000	0.0	0.0	0.0	
36.00000	-11.00000	0.00000	-3.0936	-0.50000	0.0	0.0	0.0	
37.00000	-11.00000	0.00000	-2.9287	-0.50000	0.0	0.0	0.0	
38.00000	-11.00000	0.00000	-2.7605	-0.50000	0.0	0.0	0.0	
39.00000	-11.00000	0.00000	-2.5906	-0.50000	0.0	0.0	0.0	
40.00000	-11.00000	0.00000	-2.4205	-0.50000	0.0	0.0	0.0	
41.00000	-11.00000	0.00000	-2.2517	-0.50000	0.0	0.0	0.0	
42.00000	-11.00000	0.00000	-2.0856	-0.50000	0.0	0.0	0.0	
43.00000	-11.00000	0.00000	-1.9234	-0.50000	0.0	0.0	0.0	
44.00000	-11.00000	0.00000	-1.7660	-0.50000	0.0	0.0	0.0	
45.00000	-11.00000	0.00000	-1.6142	-0.50000	0.0	0.0	0.0	
46.00000	-11.00000	0.00000	-1.4686	-0.50000	0.0	0.0	0.0	
47.00000	-11.00000	0.00000	-1.3294	-0.50000	0.0	0.0	0.0	
48.00000	-11.00000	0.00000	-1.1970	-0.50000	0.0	0.0	0.0	
49.00000	-11.00000	0.00000	-1.0714	-0.50000	0.0	0.0	0.0	
50.00000	-11.00000	0.00000	-0.95266	-0.50000	0.0	0.0	0.0	
51.00000	-11.00000	0.00000	-0.84067	-0.50000	0.0	0.0	0.0	
52.00000	-11.00000	0.00000	-0.73528	-0.50000	0.0	0.0	0.0	
53.00000	-11.00000	0.00000	-0.63631	-0.50000	0.0	0.0	0.0	
54.00000	-11.00000	0.00000	-0.54355	-0.50000	0.0	0.0	0.0	
55.00000	-11.00000	0.00000	-0.45674	-0.50000	0.0	0.0	0.0	
56.00000	-11.00000	0.00000	-0.37563	-0.50000	0.0	0.0	0.0	
57.00000	-11.00000	0.00000	-0.29996	-0.50000	0.0	0.0	0.0	
58.00000	-11.00000	0.00000	-0.22947	-0.50000	0.0	0.0	0.0	
59.00000	-11.00000	0.00000	-0.16389	-0.50000	0.0	0.0	0.0	
60.00000	-11.00000	0.00000	-0.10297	-0.50000	0.0	0.0	0.0	
-20.00000	-10.00000	0.00000	-0.16008	-0.50000	0.0	0.0	0.0	
-19.00000	-10.00000	0.00000	-0.22624	-0.50000	0.0	0.0	0.0	
-18.00000	-10.00000	0.00000	-0.29752	-0.50000	0.0	0.0	0.0	
-17.00000	-10.00000	0.00000	-0.37421	-0.50000	0.0	0.0	0.0	
-16.00000	-10.00000	0.00000	-0.45662	-0.50000	0.0	0.0	0.0	
-15.00000	-10.00000	0.00000	-0.54508	-0.50000	0.0	0.0	0.0	
-14.00000	-10.00000	0.00000	-0.63991	-0.50000	0.0	0.0	0.0	
-13.00000	-10.00000	0.00000	-0.74141	-0.50000	0.0	0.0	0.0	
-12.00000	-10.00000	0.00000	-0.84991	-0.50000	0.0	0.0	0.0	
-11.00000	-10.00000	0.00000	-0.96549	-0.50000	0.0	0.0	0.0	
-10.00000	-10.00000	0.00000	-1.0890	-0.50000	0.0	0.0	0.0	
-9.00000	-10.00000	0.00000	-1.2202	-0.50000	0.0	0.0	0.0	
-8.00000	-10.00000	0.00000	-1.3592	-0.50000	0.0	0.0	0.0	
-7.00000	-10.00000	0.00000	-1.5064	-0.50000	0.0	0.0	0.0	
-6.00000	-10.00000	0.00000	-1.6615	-0.50000	0.0	0.0	0.0	
-5.00000	-10.00000	0.00000	-1.8245	-0.50000	0.0	0.0	0.0	
-4.00000	-10.00000	0.00000	-1.9949	-0.50000	0.0	0.0	0.0	
-3.00000	-10.00000	0.00000	-2.1723	-0.50000	0.0	0.0	0.0	
-2.00000	-10.00000	0.00000	-2.3557	-0.50000	0.0	0.0	0.0	
-1.00000	-10.00000	0.00000	-2.5443	-0.50000	0.0	0.0	0.0	
0.00000	-10.00000	0.00000	-2.7360	-0.50000	0.0	0.0	0.0	
1.00000	-10.00000	0.00000	-2.9299	-0.50000	0.0	0.0	0.0	
2.00000	-10.00000	0.00000	-3.1237	-0.50000	0.0	0.0	0.0	
3.00000	-10.00000	0.00000	-3.3156	-0.50000	0.0	0.0	0.0	
4.00000	-10.00000	0.00000	-3.5036	-0.50000	0.0	0.0	0.0	
5.00000	-10.00000	0.00000	-3.6857	-0.50000	0.0	0.0	0.0	
6.00000	-10.00000	0.00000	-3.8602	-0.50000	0.0	0.0	0.0	
7.00000	-10.00000	0.00000	-4.0258	-0.50000	0.0	0.0	0.0	
8.00000	-10.00000	0.00000	-4.1812	-0.50000	0.0	0.0	0.0	
9.00000	-10.00000	0.00000	-4.3255	-0.50000	0.0	0.0	0.0	
10.00000	-10.00000	0.00000	-4.4581	-0.50000	0.0	0.0	0.0	
11.00000	-10.00000	0.00000	-4.5783	-0.50000	0.0	0.0	0.0	
12.00000	-10.00000	0.00000	-4.6861	-0.50000	0.0	0.0	0.0	
13.00000	-10.00000	0.00000	-4.7811	-0.50000	0.0	0.0	0.0	
14.00000	-10.00000	0.00000	-4.8633	-0.50000	0.0	0.0	0.0	
15.00000	-10.00000	0.00000	-4.9327	-0.50000	0.0	0.0	0.0	
16.00000	-10.00000	0.00000	-4.9892	-0.50000	0.0	0.0	0.0	
17.00000	-10.00000	0.00000	-5.0329	-0.50000	0.0	0.0	0.0	
18.00000	-10.00000	0.00000	-5.0638	-0.50000	0.0	0.0	0.0	
19.00000	-10.00000	0.00000	-5.0820	-0.50000	0.0	0.0	0.0	
20.00000	-10.00000	0.00000	-5.0875	-0.50000	0.0	0.0	0.0	
21.00000	-10.00000	0.00000	-5.0803	-0.50000	0.0	0.0	0.0	
22.00000	-10.00000	0.00000	-5.0603	-0.50000	0.0	0.0	0.0	
23.00000	-10.00000	0.00000	-5.0277	-0.50000	0.0	0.0	0.0	
24.00000	-10.00000	0.00000	-4.9823	-0.50000	0.0	0.0	0.0	
25.00000	-10.00000	0.00000	-4.9241	-0.50000	0.0	0.0	0.0	
26.00000	-10.00000	0.00000	-4.8531	-0.50000	0.0	0.0	0.0	
27.00000	-10.00000	0.00000	-4.7692	-0.50000	0.0	0.0	0.0	
28.00000	-10.00000	0.00000	-4.6726	-0.50000	0.0	0.0	0.0	
29.00000	-10.00000	0.00000	-4.5633	-0.50000	0.0	0.0	0.0	
30.00000	-10.00000	0.00000	-4.4415	-0.50000	0.0	0.0	0.0	
31.00000	-10.00000	0.00000	-4.3075	-0.50000	0.0	0.0	0.0	
32.00000	-10.00000	0.00000	-4.1619	-0.50000	0.0	0.0	0.0	
33.00000	-10.00000	0.00000	-4.0052	-0.50000	0.0	0.0	0.0	
34.00000	-10.00000	0.00000	-3.8384	-0.50000	0.0	0.0	0.0	
35.00000	-10.00000	0.00000	-3.6628	-0.50000	0.0	0.0	0.0	
36.00000	-10.00000	0.00000	-3.4797	-0.50000	0.0	0.0	0.0	
37.00000	-10.00000	0.00000	-3.2909	-0.50000	0.0	0.0	0.0	
38.00000	-10.00000	0.00000	-3.0982	-0.50000	0.0	0.0	0.0	
39.00000	-10.00000	0.00000	-2.9038	-0.50000	0.0	0.0	0.0	
40.00000	-10.00000	0.00000	-2.7095	-0.50000	0.0	0.0	0.0	
41.00000	-10.00000	0.00000	-2.5172	-0.50000	0.0	0.0	0.0	
42.00000	-10.00000	0.00000	-2.3286	-0.50000	0.0	0.0	0.0	
43.00000	-10.00000	0.00000	-2.1451	-0.50000	0.0	0.0	0.0	
44.00000	-10.00000	0.00000	-1.9678	-0.50000	0.0	0.0	0.0	
45.00000	-10.00000	0.00000	-1.7975	-0.50000	0.0	0.0	0.0	
46.00000	-10.00000	0.00000	-1.6348	-0.50000	0.0	0.0	0.0	
47.00000	-10.00000	0.00000	-1.4800	-0.50000	0.0	0.0	0.0	
48.00000	-10.00000	0.00000	-1.3334	-0.50000	0.0	0.0	0.0	
49.00000	-10.00000	0.00000	-1.1949	-0.50000	0.0	0.0	0.0	
50.00000	-10.00000	0.00000	-1.0644	-0.50000	0.0	0.0	0.0	
51.00000	-10.00000	0.00000	-0.94174	-0.50000	0.0	0.0	0.0	
52.00000	-10.00000	0.00000	-0.82671	-0.50000	0.0	0.0	0.0	
53.00000	-10.00000	0.00000	-0.71901	-0.50000	0.0	0.0	0.0	
54.00000	-10.00000	0.00000	-0.61833	-0.50000	0.0	0.0	0.0	
55.00000	-10.00000	0.00000	-0.52436	-0.50000	0.0	0.0	0.0	
56.00000	-10.00000	0.00000	-0.43677	-0.50000	0.0	0.0	0.0	
57.00000	-10.00000	0.00000	-0.35523	-0.50000	0.0	0.0	0.0	
58.00000	-10.00000	0.00000	-0.27942	-0.50000	0.0	0.0	0.0	
59.00000	-10.00000	0.00000	-0.20902	-0.50000	0.0	0.0	0.0	
60.00000	-10.00000	0.00000	-0.14372	-0.50000	0.0	0.0	0.0	
-20.00000	-9.00000	0.00000	-0.20317	-0.50000	0.0	0.0	0.0	
-19.00000	-9.00000	0.00000	-0.27398	-0.50000	0.0	0.0	0.0	
-18.00000	-9.00000	0.00000	-0.35039	-0.50000	0.0	0.0	0.0	
-17.00000	-9.00000	0.00000	-0.43276	-0.50000	0.0	0.0	0.0	
-16.00000	-9.00000	0.00000	-0.52146	-0.50000	0.0	0.0	0.0	
-15.00000	-9.00000	0.00000	-0.61687	-0.50000	0.0	0.0	0.0	
-14.00000	-9.00000	0.00000	-0.71939	-0.50000	0.0	0.0	0.0	
-13.00000	-9.00000	0.00000	-0.82942	-0.50000	0.0	0.0	0.0	
-12.00000	-9.00000	0.00000	-0.94737	-0.50000	0.0	0.0	0.0	
-11.00000	-9.00000	0.00000	-1.0736	-0.50000	0.0	0.0	0.0	
-10.00000	-9.00000	0.00000	-1.2086	-0.50000	0.0	0.0	0.0	
-9.00000	-9.00000	0.00000	-1.3526	-0.50000	0.0	0.0	0.0	
-8.00000	-9.00000	0.00000	-1.5060	-0.50000	0.0	0.0	0.0	
-7.00000	-9.00000	0.00000	-1.6690	-0.50000	0.0	0.0	0.0	
-6.00000	-9.00000	0.00000	-1.8436	-0.50000	0.0	0.0	0.0	
-5.00000	-9.00000	0.00000	-2.0238	-0.50000	0.0	0.0	0.0	
-4.00000	-9.00000	0.00000	-2.2154	-0.50000	0.0	0.0	0.0	
-3.00000	-9.00000	0.00000	-2.4157	-0.50000	0.0	0.0	0.0	
-2.00000	-9.00000	0.00000	-2.6240	-0.50000	0.0	0.0	0.0	
-1.00000	-9.00000	0.00000	-2.8388	-0.50000	0.0	0.0	0.0	
0.00000	-9.00000	0.00000	-3.0586	-0.50000	0.0	0.0	0.0	
1.00000	-9.00000	0.00000	-3.2812					



73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Stresses					
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
	-15.00000	-7.00000	0.00000	-0.76703	-0.50000	0.0	0.0	0.0
	-14.00000	-7.00000	0.00000	-0.88621	-0.50000	0.0	0.0	0.0
	-13.00000	-7.00000	0.00000	-1.0148	-0.50000	0.0	0.0	0.0
	-12.00000	-7.00000	0.00000	-1.1536	-0.50000	0.0	0.0	0.0
	-11.00000	-7.00000	0.00000	-1.3031	-0.50000	0.0	0.0	0.0
	-10.00000	-7.00000	0.00000	-1.4641	-0.50000	0.0	0.0	0.0
	-9.00000	-7.00000	0.00000	-1.6373	-0.50000	0.0	0.0	0.0
	-8.00000	-7.00000	0.00000	-1.8234	-0.50000	0.0	0.0	0.0
	-7.00000	-7.00000	0.00000	-2.0231	-0.50000	0.0	0.0	0.0
	-6.00000	-7.00000	0.00000	-2.2370	-0.50000	0.0	0.0	0.0
	-5.00000	-7.00000	0.00000	-2.4655	-0.50000	0.0	0.0	0.0
	-4.00000	-7.00000	0.00000	-2.7087	-0.50000	0.0	0.0	0.0
	-3.00000	-7.00000	0.00000	-2.9665	-0.50000	0.0	0.0	0.0
	-2.00000	-7.00000	0.00000	-3.2379	-0.50000	0.0	0.0	0.0
	-1.00000	-7.00000	0.00000	-3.5216	-0.50000	0.0	0.0	0.0
	0.00000	-7.00000	0.00000	-3.8151	-0.50000	0.0	0.0	0.0
	1.00000	-7.00000	0.00000	-4.1150	-0.50000	0.0	0.0	0.0
	2.00000	-7.00000	0.00000	-4.4173	-0.50000	0.0	0.0	0.0
	3.00000	-7.00000	0.00000	-4.7171	-0.50000	0.0	0.0	0.0
	4.00000	-7.00000	0.00000	-5.0100	-0.50000	0.0	0.0	0.0
	5.00000	-7.00000	0.00000	-5.2916	-0.50000	0.0	0.0	0.0
	6.00000	-7.00000	0.00000	-5.5585	-0.50000	0.0	0.0	0.0
	7.00000	-7.00000	0.00000	-5.8084	-0.50000	0.0	0.0	0.0
	8.00000	-7.00000	0.00000	-6.0397	-0.50000	0.0	0.0	0.0
	9.00000	-7.00000	0.00000	-6.2513	-0.50000	0.0	0.0	0.0
	10.00000	-7.00000	0.00000	-6.4430	-0.50000	0.0	0.0	0.0
	11.00000	-7.00000	0.00000	-6.6147	-0.50000	0.0	0.0	0.0
	12.00000	-7.00000	0.00000	-6.7668	-0.50000	0.0	0.0	0.0
	13.00000	-7.00000	0.00000	-6.8995	-0.50000	0.0	0.0	0.0
	14.00000	-7.00000	0.00000	-7.0133	-0.50000	0.0	0.0	0.0
	15.00000	-7.00000	0.00000	-7.1085	-0.50000	0.0	0.0	0.0
	16.00000	-7.00000	0.00000	-7.1857	-0.50000	0.0	0.0	0.0
	17.00000	-7.00000	0.00000	-7.2451	-0.50000	0.0	0.0	0.0
	18.00000	-7.00000	0.00000	-7.2869	-0.50000	0.0	0.0	0.0
	19.00000	-7.00000	0.00000	-7.3115	-0.50000	0.0	0.0	0.0
	20.00000	-7.00000	0.00000	-7.3189	-0.50000	0.0	0.0	0.0
	21.00000	-7.00000	0.00000	-7.3092	-0.50000	0.0	0.0	0.0
	22.00000	-7.00000	0.00000	-7.2823	-0.50000	0.0	0.0	0.0
	23.00000	-7.00000	0.00000	-7.2381	-0.50000	0.0	0.0	0.0
	24.00000	-7.00000	0.00000	-7.1765	-0.50000	0.0	0.0	0.0
	25.00000	-7.00000	0.00000	-7.0970	-0.50000	0.0	0.0	0.0
	26.00000	-7.00000	0.00000	-6.9995	-0.50000	0.0	0.0	0.0
	27.00000	-7.00000	0.00000	-6.8835	-0.50000	0.0	0.0	0.0
	28.00000	-7.00000	0.00000	-6.7485	-0.50000	0.0	0.0	0.0
	29.00000	-7.00000	0.00000	-6.5943	-0.50000	0.0	0.0	0.0
	30.00000	-7.00000	0.00000	-6.4205	-0.50000	0.0	0.0	0.0
	31.00000	-7.00000	0.00000	-6.2267	-0.50000	0.0	0.0	0.0
	32.00000	-7.00000	0.00000	-6.0132	-0.50000	0.0	0.0	0.0
	33.00000	-7.00000	0.00000	-5.7801	-0.50000	0.0	0.0	0.0
	34.00000	-7.00000	0.00000	-5.5286	-0.50000	0.0	0.0	0.0
	35.00000	-7.00000	0.00000	-5.2600	-0.50000	0.0	0.0	0.0
	36.00000	-7.00000	0.00000	-4.9770	-0.50000	0.0	0.0	0.0
	37.00000	-7.00000	0.00000	-4.6830	-0.50000	0.0	0.0	0.0
	38.00000	-7.00000	0.00000	-4.3821	-0.50000	0.0	0.0	0.0
	39.00000	-7.00000	0.00000	-4.0790	-0.50000	0.0	0.0	0.0
	40.00000	-7.00000	0.00000	-3.7785	-0.50000	0.0	0.0	0.0
	41.00000	-7.00000	0.00000	-3.4846	-0.50000	0.0	0.0	0.0
	42.00000	-7.00000	0.00000	-3.2007	-0.50000	0.0	0.0	0.0
	43.00000	-7.00000	0.00000	-2.9292	-0.50000	0.0	0.0	0.0
	44.00000	-7.00000	0.00000	-2.6717	-0.50000	0.0	0.0	0.0
	45.00000	-7.00000	0.00000	-2.4288	-0.50000	0.0	0.0	0.0
	46.00000	-7.00000	0.00000	-2.2009	-0.50000	0.0	0.0	0.0
	47.00000	-7.00000	0.00000	-1.9877	-0.50000	0.0	0.0	0.0
	48.00000	-7.00000	0.00000	-1.7887	-0.50000	0.0	0.0	0.0
	49.00000	-7.00000	0.00000	-1.6035	-0.50000	0.0	0.0	0.0
	50.00000	-7.00000	0.00000	-1.4313	-0.50000	0.0	0.0	0.0
	51.00000	-7.00000	0.00000	-1.2714	-0.50000	0.0	0.0	0.0
	52.00000	-7.00000	0.00000	-1.1231	-0.50000	0.0	0.0	0.0
	53.00000	-7.00000	0.00000	-0.98557	-0.50000	0.0	0.0	0.0
	54.00000	-7.00000	0.00000	-0.85819	-0.50000	0.0	0.0	0.0
	55.00000	-7.00000	0.00000	-0.74027	-0.50000	0.0	0.0	0.0
	56.00000	-7.00000	0.00000	-0.63118	-0.50000	0.0	0.0	0.0
	57.00000	-7.00000	0.00000	-0.53031	-0.50000	0.0	0.0	0.0
	58.00000	-7.00000	0.00000	-0.43711	-0.50000	0.0	0.0	0.0
	59.00000	-7.00000	0.00000	-0.35105	-0.50000	0.0	0.0	0.0
	60.00000	-7.00000	0.00000	-0.27164	-0.50000	0.0	0.0	0.0
	-20.00000	-6.00000	0.00000	-0.33777	-0.50000	0.0	0.0	0.0
	-19.00000	-6.00000	0.00000	-0.42351	-0.50000	0.0	0.0	0.0
	-18.00000	-6.00000	0.00000	-0.51651	-0.50000	0.0	0.0	0.0
	-17.00000	-6.00000	0.00000	-0.61733	-0.50000	0.0	0.0	0.0
	-16.00000	-6.00000	0.00000	-0.72657	-0.50000	0.0	0.0	0.0
	-15.00000	-6.00000	0.00000	-0.84489	-0.50000	0.0	0.0	0.0
	-14.00000	-6.00000	0.00000	-0.97299	-0.50000	0.0	0.0	0.0
	-13.00000	-6.00000	0.00000	-1.1116	-0.50000	0.0	0.0	0.0
	-12.00000	-6.00000	0.00000	-1.2616	-0.50000	0.0	0.0	0.0
	-11.00000	-6.00000	0.00000	-1.4239	-0.50000	0.0	0.0	0.0
	-10.00000	-6.00000	0.00000	-1.5993	-0.50000	0.0	0.0	0.0
	-9.00000	-6.00000	0.00000	-1.7888	-0.50000	0.0	0.0	0.0
	-8.00000	-6.00000	0.00000	-1.9935	-0.50000	0.0	0.0	0.0
	-7.00000	-6.00000	0.00000	-2.2144	-0.50000	0.0	0.0	0.0
	-6.00000	-6.00000	0.00000	-2.4524	-0.50000	0.0	0.0	0.0
	-5.00000	-6.00000	0.00000	-2.7084	-0.50000	0.0	0.0	0.0
	-4.00000	-6.00000	0.00000	-2.9831	-0.50000	0.0	0.0	0.0
	-3.00000	-6.00000	0.00000	-3.2767	-0.50000	0.0	0.0	0.0
	-2.00000	-6.00000	0.00000	-3.5887	-0.50000	0.0	0.0	0.0
	-1.00000	-6.00000	0.00000	-3.9176	-0.50000	0.0	0.0	0.0
	0.00000	-6.00000	0.00000	-4.2608	-0.50000	0.0	0.0	0.0
	1.00000	-6.00000	0.00000	-4.6140	-0.50000	0.0	0.0	0.0
	2.00000	-6.00000	0.00000	-4.9713	-0.50000	0.0	0.0	0.0
	3.00000	-6.00000	0.00000	-5.3260	-0.50000	0.0	0.0	0.0
	4.00000	-6.00000	0.00000	-5.6716	-0.50000	0.0	0.0	0.0
	5.00000	-6.00000	0.00000	-6.0028	-0.50000	0.0	0.0	0.0
	6.00000	-6.00000	0.00000	-6.3134	-0.50000	0.0	0.0	0.0
	7.00000	-6.00000	0.00000	-6.6025	-0.50000	0.0	0.0	0.0
	8.00000	-6.00000	0.00000	-6.8679	-0.50000	0.0	0.0	0.0
	9.00000	-6.00000	0.00000	-7.1090	-0.50000	0.0	0.0	0.0
	10.00000	-6.00000	0.00000	-7.3260	-0.50000	0.0	0.0	0.0
	11.00000	-6.00000	0.00000	-7.5192	-0.50000	0.0	0.0	0.0
	12.00000	-6.00000	0.00000	-7.6894	-0.50000	0.0	0.0	0.0
	13.00000	-6.00000	0.00000	-7.8373	-0.50000	0.0	0.0	0.0
	14.00000	-6.00000	0.00000	-7.9637	-0.50000			



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
24.00000	-4.00000	0.00000	-10.636	-0.50000	0.0	0.0	0.0	
25.00000	-4.00000	0.00000	-10.530	-0.50000	0.0	0.0	0.0	
26.00000	-4.00000	0.00000	-10.399	-0.50000	0.0	0.0	0.0	
27.00000	-4.00000	0.00000	-10.242	-0.50000	0.0	0.0	0.0	
28.00000	-4.00000	0.00000	-10.057	-0.50000	0.0	0.0	0.0	
29.00000	-4.00000	0.00000	-9.8417	-0.50000	0.0	0.0	0.0	
30.00000	-4.00000	0.00000	-9.5953	-0.50000	0.0	0.0	0.0	
31.00000	-4.00000	0.00000	-9.3153	-0.50000	0.0	0.0	0.0	
32.00000	-4.00000	0.00000	-8.9991	-0.50000	0.0	0.0	0.0	
33.00000	-4.00000	0.00000	-8.6447	-0.50000	0.0	0.0	0.0	
34.00000	-4.00000	0.00000	-8.2503	-0.50000	0.0	0.0	0.0	
35.00000	-4.00000	0.00000	-7.8154	-0.50000	0.0	0.0	0.0	
36.00000	-4.00000	0.00000	-7.3424	-0.50000	0.0	0.0	0.0	
37.00000	-4.00000	0.00000	-6.8380	-0.50000	0.0	0.0	0.0	
38.00000	-4.00000	0.00000	-6.3144	-0.50000	0.0	0.0	0.0	
39.00000	-4.00000	0.00000	-5.7882	-0.50000	0.0	0.0	0.0	
40.00000	-4.00000	0.00000	-5.2762	-0.50000	0.0	0.0	0.0	
41.00000	-4.00000	0.00000	-4.7905	-0.50000	0.0	0.0	0.0	
42.00000	-4.00000	0.00000	-4.3377	-0.50000	0.0	0.0	0.0	
43.00000	-4.00000	0.00000	-3.9201	-0.50000	0.0	0.0	0.0	
44.00000	-4.00000	0.00000	-3.5371	-0.50000	0.0	0.0	0.0	
45.00000	-4.00000	0.00000	-3.1867	-0.50000	0.0	0.0	0.0	
46.00000	-4.00000	0.00000	-2.8666	-0.50000	0.0	0.0	0.0	
47.00000	-4.00000	0.00000	-2.5741	-0.50000	0.0	0.0	0.0	
48.00000	-4.00000	0.00000	-2.3067	-0.50000	0.0	0.0	0.0	
49.00000	-4.00000	0.00000	-2.0622	-0.50000	0.0	0.0	0.0	
50.00000	-4.00000	0.00000	-1.8384	-0.50000	0.0	0.0	0.0	
51.00000	-4.00000	0.00000	-1.6334	-0.50000	0.0	0.0	0.0	
52.00000	-4.00000	0.00000	-1.4455	-0.50000	0.0	0.0	0.0	
53.00000	-4.00000	0.00000	-1.2732	-0.50000	0.0	0.0	0.0	
54.00000	-4.00000	0.00000	-1.1152	-0.50000	0.0	0.0	0.0	
55.00000	-4.00000	0.00000	-0.97010	-0.50000	0.0	0.0	0.0	
56.00000	-4.00000	0.00000	-0.83692	-0.50000	0.0	0.0	0.0	
57.00000	-4.00000	0.00000	-0.71463	-0.50000	0.0	0.0	0.0	
58.00000	-4.00000	0.00000	-0.60234	-0.50000	0.0	0.0	0.0	
59.00000	-4.00000	0.00000	-0.49924	-0.50000	0.0	0.0	0.0	
60.00000	-4.00000	0.00000	-0.40459	-0.50000	0.0	0.0	0.0	
-20.00000	-3.00000	0.00000	-0.47655	-0.50000	0.0	0.0	0.0	
-19.00000	-3.00000	0.00000	-0.57829	-0.50000	0.0	0.0	0.0	
-18.00000	-3.00000	0.00000	-0.68939	-0.50000	0.0	0.0	0.0	
-17.00000	-3.00000	0.00000	-0.81008	-0.50000	0.0	0.0	0.0	
-16.00000	-3.00000	0.00000	-0.94188	-0.50000	0.0	0.0	0.0	
-15.00000	-3.00000	0.00000	-1.0856	-0.50000	0.0	0.0	0.0	
-14.00000	-3.00000	0.00000	-1.2424	-0.50000	0.0	0.0	0.0	
-13.00000	-3.00000	0.00000	-1.4135	-0.50000	0.0	0.0	0.0	
-12.00000	-3.00000	0.00000	-1.6003	-0.50000	0.0	0.0	0.0	
-11.00000	-3.00000	0.00000	-1.8046	-0.50000	0.0	0.0	0.0	
-10.00000	-3.00000	0.00000	-2.0281	-0.50000	0.0	0.0	0.0	
-9.00000	-3.00000	0.00000	-2.2730	-0.50000	0.0	0.0	0.0	
-8.00000	-3.00000	0.00000	-2.5417	-0.50000	0.0	0.0	0.0	
-7.00000	-3.00000	0.00000	-2.8370	-0.50000	0.0	0.0	0.0	
-6.00000	-3.00000	0.00000	-3.1621	-0.50000	0.0	0.0	0.0	
-5.00000	-3.00000	0.00000	-3.5208	-0.50000	0.0	0.0	0.0	
-4.00000	-3.00000	0.00000	-3.9172	-0.50000	0.0	0.0	0.0	
-3.00000	-3.00000	0.00000	-4.3561	-0.50000	0.0	0.0	0.0	
-2.00000	-3.00000	0.00000	-4.8422	-0.50000	0.0	0.0	0.0	
-1.00000	-3.00000	0.00000	-5.3794	-0.50000	0.0	0.0	0.0	
0.00000	-3.00000	0.00000	-5.9687	-0.50000	0.0	0.0	0.0	
1.00000	-3.00000	0.00000	-6.6039	-0.50000	0.0	0.0	0.0	
2.00000	-3.00000	0.00000	-7.2665	-0.50000	0.0	0.0	0.0	
3.00000	-3.00000	0.00000	-7.9261	-0.50000	0.0	0.0	0.0	
4.00000	-3.00000	0.00000	-8.5523	-0.50000	0.0	0.0	0.0	
5.00000	-3.00000	0.00000	-9.1264	-0.50000	0.0	0.0	0.0	
6.00000	-3.00000	0.00000	-9.6424	-0.50000	0.0	0.0	0.0	
7.00000	-3.00000	0.00000	-10.101	-0.50000	0.0	0.0	0.0	
8.00000	-3.00000	0.00000	-10.506	-0.50000	0.0	0.0	0.0	
9.00000	-3.00000	0.00000	-10.863	-0.50000	0.0	0.0	0.0	
10.00000	-3.00000	0.00000	-11.178	-0.50000	0.0	0.0	0.0	
11.00000	-3.00000	0.00000	-11.446	-0.50000	0.0	0.0	0.0	
12.00000	-3.00000	0.00000	-11.681	-0.50000	0.0	0.0	0.0	
13.00000	-3.00000	0.00000	-11.882	-0.50000	0.0	0.0	0.0	
14.00000	-3.00000	0.00000	-12.052	-0.50000	0.0	0.0	0.0	
15.00000	-3.00000	0.00000	-12.192	-0.50000	0.0	0.0	0.0	
16.00000	-3.00000	0.00000	-12.305	-0.50000	0.0	0.0	0.0	
17.00000	-3.00000	0.00000	-12.390	-0.50000	0.0	0.0	0.0	
18.00000	-3.00000	0.00000	-12.450	-0.50000	0.0	0.0	0.0	
19.00000	-3.00000	0.00000	-12.486	-0.50000	0.0	0.0	0.0	
20.00000	-3.00000	0.00000	-12.496	-0.50000	0.0	0.0	0.0	
21.00000	-3.00000	0.00000	-12.482	-0.50000	0.0	0.0	0.0	
22.00000	-3.00000	0.00000	-12.444	-0.50000	0.0	0.0	0.0	
23.00000	-3.00000	0.00000	-12.380	-0.50000	0.0	0.0	0.0	
24.00000	-3.00000	0.00000	-12.293	-0.50000	0.0	0.0	0.0	
25.00000	-3.00000	0.00000	-12.175	-0.50000	0.0	0.0	0.0	
26.00000	-3.00000	0.00000	-12.032	-0.50000	0.0	0.0	0.0	
27.00000	-3.00000	0.00000	-11.859	-0.50000	0.0	0.0	0.0	
28.00000	-3.00000	0.00000	-11.654	-0.50000	0.0	0.0	0.0	
29.00000	-3.00000	0.00000	-11.416	-0.50000	0.0	0.0	0.0	
30.00000	-3.00000	0.00000	-11.140	-0.50000	0.0	0.0	0.0	
31.00000	-3.00000	0.00000	-10.825	-0.50000	0.0	0.0	0.0	
32.00000	-3.00000	0.00000	-10.465	-0.50000	0.0	0.0	0.0	
33.00000	-3.00000	0.00000	-10.057	-0.50000	0.0	0.0	0.0	
34.00000	-3.00000	0.00000	-9.5956	-0.50000	0.0	0.0	0.0	
35.00000	-3.00000	0.00000	-9.0771	-0.50000	0.0	0.0	0.0	
36.00000	-3.00000	0.00000	-8.5006	-0.50000	0.0	0.0	0.0	
37.00000	-3.00000	0.00000	-7.8724	-0.50000	0.0	0.0	0.0	
38.00000	-3.00000	0.00000	-7.2112	-0.50000	0.0	0.0	0.0	
39.00000	-3.00000	0.00000	-6.5473	-0.50000	0.0	0.0	0.0	
40.00000	-3.00000	0.00000	-5.9312	-0.50000	0.0	0.0	0.0	
41.00000	-3.00000	0.00000	-5.3214	-0.50000	0.0	0.0	0.0	
42.00000	-3.00000	0.00000	-4.7841	-0.50000	0.0	0.0	0.0	
43.00000	-3.00000	0.00000	-4.2983	-0.50000	0.0	0.0	0.0	
44.00000	-3.00000	0.00000	-3.8600	-0.50000	0.0	0.0	0.0	
45.00000	-3.00000	0.00000	-3.4645	-0.50000	0.0	0.0	0.0	
46.00000	-3.00000	0.00000	-3.1070	-0.50000	0.0	0.0	0.0	
47.00000	-3.00000	0.00000	-2.7834	-0.50000	0.0	0.0	0.0	
48.00000	-3.00000	0.00000	-2.4897	-0.50000	0.0	0.0	0.0	
49.00000	-3.00000	0.00000	-2.2229	-0.50000	0.0	0.0	0.0	
50.00000	-3.00000	0.00000	-1.9800	-0.50000	0.0	0.0	0.0	
51.00000	-3.00000	0.00000	-1.7585	-0.50000	0.0	0.0	0.0	
52.00000	-3.00000	0.00000	-1.5564	-0.50000	0.0	0.0	0.0	
53.00000	-3.00000	0.00000	-1.3717	-0.50000	0.0	0.0	0.0	
54.00000	-3.00000	0.00000	-1.2027	-0.50000	0.0	0.0	0.0	
55.00000	-3.00000	0.00000	-1.0481	-0.50000	0.0	0.0	0.0	
56.00000	-3.00000	0.00000	-0.90652	-0.50000	0.0	0.0	0.0	
57.00000	-3.00000	0.00000	-0.77680	-0.50000	0.0	0.0	0.0	
58.00000	-3.00000	0.00000	-0.65791	-0.50000	0.0	0.0	0.0	
59.00000	-3.00000	0.00000	-0.54895	-0.50000	0.0	0.0	0.0	
60.00000	-3.00000	0.00000	-0.44908	-0.50000	0.0	0.0	0.0	
-20.00000	-2.00000	0.00000	-0.52274	-0.50000	0.0	0.0	0.0	
-19.00000	-2.00000	0.00000	-0.62892	-0.50000	0.0	0.0	0.0	
-18.00000	-2.00000	0.00000	-0.74695	-0.50000	0.0	0.0	0.0	
-17.00000	-2.00000	0.00000	-0.87473	-0.50000	0.0	0.0	0.0	
-16.00000	-2.00000	0.00000	-1.01433	-0.50000	0.0	0.0	0.0	
-15.00000	-2.00000	0.00000	-1.1668	-0.50000	0.0	0.0	0.0	
-14.00000	-2.00000	0.00000	-1.3336	-0.50000	0.0	0.0	0.0	
-13.00000	-2.00000	0.00000	-1.5161	-0.50000	0.0	0.0	0.0	
-12.00000	-2.00000	0.00000	-1.7160	-0.50000	0.0	0.0	0.0	
-11.00000	-2.00000	0.00000	-1.9352	-0.50000	0.0	0.0	0.0	
-10.00000	-2.00000	0.00000	-2.1761	-0.50000	0.0	0.0	0.0	
-9.00000	-2.00000	0.00000	-2.4431	-0.50000	0.0	0.0	0.0	
-8.00000	-2.00000	0.00000	-2.7334	-0.50000	0.0	0.0	0.0	
-7.00000	-2.00000	0.00000	-3.0566	-0.50000	0.0	0.0	0.0	
-6.00000	-2.00000	0.00000	-3.4152	-0.50000	0.0	0.0	0.0	
-5.00000	-2.00000	0.00000	-3.8144	-0.50000	0.0	0.0	0.0	
-4.00000	-2.00000	0.00000	-4.2606	-0.50000	0.0	0.0	0.0	
-3.00000	-2.00000	0.00000	-4.7619	-0.50000	0.0	0.0	0.0	
-2.00000	-2.00000	0.00000	-5.3277	-0.50000	0.0	0.0	0.0	
-1.00000	-2.00000	0.00000	-5.9690	-0.50000	0.0	0.0	0.0	
0.								



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-18.00000	0.00000	0.00000	-0.86085	-0.50000	0.0	0.0	0.0
	-17.00000	0.00000	0.00000	-1.0024	-0.50000	0.0	0.0	0.0
	-16.00000	0.00000	0.00000	-1.1577	-0.50000	0.0	0.0	0.0
	-15.00000	0.00000	0.00000	-1.3279	-0.50000	0.0	0.0	0.0
	-14.00000	0.00000	0.00000	-1.5149	-0.50000	0.0	0.0	0.0
	-13.00000	0.00000	0.00000	-1.7205	-0.50000	0.0	0.0	0.0
	-12.00000	0.00000	0.00000	-1.9469	-0.50000	0.0	0.0	0.0
	-11.00000	0.00000	0.00000	-2.1968	-0.50000	0.0	0.0	0.0
	-10.00000	0.00000	0.00000	-2.4731	-0.50000	0.0	0.0	0.0
	-9.00000	0.00000	0.00000	-2.7797	-0.50000	0.0	0.0	0.0
	-8.00000	0.00000	0.00000	-3.1210	-0.50000	0.0	0.0	0.0
	-7.00000	0.00000	0.00000	-3.5026	-0.50000	0.0	0.0	0.0
	-6.00000	0.00000	0.00000	-3.9317	-0.50000	0.0	0.0	0.0
	-5.00000	0.00000	0.00000	-4.4175	-0.50000	0.0	0.0	0.0
	-4.00000	0.00000	0.00000	-4.9724	-0.50000	0.0	0.0	0.0
	-3.00000	0.00000	0.00000	-5.6134	-0.50000	0.0	0.0	0.0
	-2.00000	0.00000	0.00000	-6.3657	-0.50000	0.0	0.0	0.0
	-1.00000	0.00000	0.00000	-7.2687	-0.50000	0.0	0.0	0.0
	0.00000	0.00000	0.00000	-8.3914	-0.50000	0.0	0.0	0.0
	1.00000	0.00000	0.00000	-9.8777	-0.50000	0.0	0.0	0.0
	2.00000	0.00000	0.00000	-12.553	-0.50000	0.0	0.0	0.0
	3.00000	0.00000	0.00000	-15.225	-0.50000	0.0	0.0	0.0
	4.00000	0.00000	0.00000	-16.701	-0.50000	0.0	0.0	0.0
	5.00000	0.00000	0.00000	-17.805	-0.50000	0.0	0.0	0.0
	6.00000	0.00000	0.00000	-18.682	-0.50000	0.0	0.0	0.0
	7.00000	0.00000	0.00000	-19.402	-0.50000	0.0	0.0	0.0
	8.00000	0.00000	0.00000	-20.002	-0.50000	0.0	0.0	0.0
	9.00000	0.00000	0.00000	-20.509	-0.50000	0.0	0.0	0.0
	10.00000	0.00000	0.00000	-20.940	-0.50000	0.0	0.0	0.0
	11.00000	0.00000	0.00000	-21.306	-0.50000	0.0	0.0	0.0
	12.00000	0.00000	0.00000	-21.616	-0.50000	0.0	0.0	0.0
	13.00000	0.00000	0.00000	-21.878	-0.50000	0.0	0.0	0.0
	14.00000	0.00000	0.00000	-22.096	-0.50000	0.0	0.0	0.0
	15.00000	0.00000	0.00000	-22.274	-0.50000	0.0	0.0	0.0
	16.00000	0.00000	0.00000	-22.416	-0.50000	0.0	0.0	0.0
	17.00000	0.00000	0.00000	-22.524	-0.50000	0.0	0.0	0.0
	18.00000	0.00000	0.00000	-22.599	-0.50000	0.0	0.0	0.0
	19.00000	0.00000	0.00000	-22.643	-0.50000	0.0	0.0	0.0
	20.00000	0.00000	0.00000	-22.656	-0.50000	0.0	0.0	0.0
	21.00000	0.00000	0.00000	-22.638	-0.50000	0.0	0.0	0.0
	22.00000	0.00000	0.00000	-22.591	-0.50000	0.0	0.0	0.0
	23.00000	0.00000	0.00000	-22.511	-0.50000	0.0	0.0	0.0
	24.00000	0.00000	0.00000	-22.399	-0.50000	0.0	0.0	0.0
	25.00000	0.00000	0.00000	-22.252	-0.50000	0.0	0.0	0.0
	26.00000	0.00000	0.00000	-22.069	-0.50000	0.0	0.0	0.0
	27.00000	0.00000	0.00000	-21.846	-0.50000	0.0	0.0	0.0
	28.00000	0.00000	0.00000	-21.579	-0.50000	0.0	0.0	0.0
	29.00000	0.00000	0.00000	-21.263	-0.50000	0.0	0.0	0.0
	30.00000	0.00000	0.00000	-20.892	-0.50000	0.0	0.0	0.0
	31.00000	0.00000	0.00000	-20.457	-0.50000	0.0	0.0	0.0
	32.00000	0.00000	0.00000	-19.945	-0.50000	0.0	0.0	0.0
	33.00000	0.00000	0.00000	-19.340	-0.50000	0.0	0.0	0.0
	34.00000	0.00000	0.00000	-18.616	-0.50000	0.0	0.0	0.0
	35.00000	0.00000	0.00000	-17.734	-0.50000	0.0	0.0	0.0
	36.00000	0.00000	0.00000	-16.626	-0.50000	0.0	0.0	0.0
	37.00000	0.00000	0.00000	-15.148	-0.50000	0.0	0.0	0.0
	38.00000	0.00000	0.00000	-12.473	-0.50000	0.0	0.0	0.0
	39.00000	0.00000	0.00000	-9.7958	-0.50000	0.0	0.0	0.0
	40.00000	0.00000	0.00000	-8.3084	-0.50000	0.0	0.0	0.0
	41.00000	0.00000	0.00000	-7.1852	-0.50000	0.0	0.0	0.0
	42.00000	0.00000	0.00000	-6.2624	-0.50000	0.0	0.0	0.0
	43.00000	0.00000	0.00000	-5.5309	-0.50000	0.0	0.0	0.0
	44.00000	0.00000	0.00000	-4.8913	-0.50000	0.0	0.0	0.0
	45.00000	0.00000	0.00000	-4.3384	-0.50000	0.0	0.0	0.0
	46.00000	0.00000	0.00000	-3.8549	-0.50000	0.0	0.0	0.0
	47.00000	0.00000	0.00000	-3.4285	-0.50000	0.0	0.0	0.0
	48.00000	0.00000	0.00000	-3.0498	-0.50000	0.0	0.0	0.0
	49.00000	0.00000	0.00000	-2.7117	-0.50000	0.0	0.0	0.0
	50.00000	0.00000	0.00000	-2.4084	-0.50000	0.0	0.0	0.0
	51.00000	0.00000	0.00000	-2.1354	-0.50000	0.0	0.0	0.0
	52.00000	0.00000	0.00000	-1.8890	-0.50000	0.0	0.0	0.0
	53.00000	0.00000	0.00000	-1.6659	-0.50000	0.0	0.0	0.0
	54.00000	0.00000	0.00000	-1.4637	-0.50000	0.0	0.0	0.0
	55.00000	0.00000	0.00000	-1.2799	-0.50000	0.0	0.0	0.0
	56.00000	0.00000	0.00000	-1.1128	-0.50000	0.0	0.0	0.0
	57.00000	0.00000	0.00000	-0.96055	-0.50000	0.0	0.0	0.0
	58.00000	0.00000	0.00000	-0.82181	-0.50000	0.0	0.0	0.0
	59.00000	0.00000	0.00000	-0.69527	-0.50000	0.0	0.0	0.0
	60.00000	0.00000	0.00000	-0.57980	-0.50000	0.0	0.0	0.0
	-20.00000	1.00000	0.00000	-0.65764	-0.50000	0.0	0.0	0.0
	-19.00000	1.00000	0.00000	-0.78103	-0.50000	0.0	0.0	0.0
	-18.00000	1.00000	0.00000	-0.91632	-0.50000	0.0	0.0	0.0
	-17.00000	1.00000	0.00000	-1.0647	-0.50000	0.0	0.0	0.0
	-16.00000	1.00000	0.00000	-1.2277	-0.50000	0.0	0.0	0.0
	-15.00000	1.00000	0.00000	-1.4068	-0.50000	0.0	0.0	0.0
	-14.00000	1.00000	0.00000	-1.6038	-0.50000	0.0	0.0	0.0
	-13.00000	1.00000	0.00000	-1.8209	-0.50000	0.0	0.0	0.0
	-12.00000	1.00000	0.00000	-2.0605	-0.50000	0.0	0.0	0.0
	-11.00000	1.00000	0.00000	-2.3257	-0.50000	0.0	0.0	0.0
	-10.00000	1.00000	0.00000	-2.6198	-0.50000	0.0	0.0	0.0
	-9.00000	1.00000	0.00000	-2.9472	-0.50000	0.0	0.0	0.0
	-8.00000	1.00000	0.00000	-3.3131	-0.50000	0.0	0.0	0.0
	-7.00000	1.00000	0.00000	-3.7242	-0.50000	0.0	0.0	0.0
	-6.00000	1.00000	0.00000	-4.1889	-0.50000	0.0	0.0	0.0
	-5.00000	1.00000	0.00000	-4.7185	-0.50000	0.0	0.0	0.0
	-4.00000	1.00000	0.00000	-5.3285	-0.50000	0.0	0.0	0.0
	-3.00000	1.00000	0.00000	-6.0409	-0.50000	0.0	0.0	0.0
	-2.00000	1.00000	0.00000	-6.8895	-0.50000	0.0	0.0	0.0
	-1.00000	1.00000	0.00000	-7.9300	-0.50000	0.0	0.0	0.0
	0.00000	1.00000	0.00000	-9.2681	-0.50000	0.0	0.0	0.0
	1.00000	1.00000	0.00000	-11.151	-0.50000	0.0	0.0	0.0
	2.00000	1.00000	0.00000	-15.227	-0.50000	0.0	0.0	0.0
	3.00000	1.00000	0.00000	-19.299	-0.50000	0.0	0.0	0.0
	4.00000	1.00000	0.00000	-21.170	-0.50000	0.0	0.0	0.0
	5.00000	1.00000	0.00000	-22.489	-0.50000	0.0	0.0	0.0
	6.00000	1.00000	0.00000	-23.502	-0.50000	0.0	0.0	0.0
	7.00000	1.00000	0.00000	-24.315	-0.50000	0.0	0.0	0.0
	8.00000	1.00000	0.00000	-24.984	-0.50000	0.0	0.0	0.0
	9.00000	1.00000	0.00000	-25.544	-0.50000	0.0	0.0	0.0
	10.00000	1.00000	0.00000	-26.014	-0.50000	0.0	0.0	0.0
	11.00000	1.00000	0.00000	-26.412	-0.50000	0.0	0.0	0.0
	12.00000	1.00000	0.00000	-26.748	-0.50000	0.0	0.0	0.0
	13.00000	1.00000	0.00000	-27.030	-0.50000	0.0	0.0	0.0
	14.00000	1.00000	0.00000	-27.264	-0.50000	0.0	0.0	0.0
	15.00000	1.00000	0.00000	-27.456	-0.50000	0.0	0.0	0.0
	16.00000	1.00000	0.00000	-27.607	-0.50000	0.0	0.0	0.0
	17.00000	1.00000	0.00000	-27.723	-0.50000	0.0	0.0	0.0
	18.00000	1.00000	0.00000	-27.803	-0.50000	0.0	0.0	0.0
	19.00000	1.00000	0.00000	-27.850	-0.50000	0.0	0.0	0.0
	20.00000	1.00000	0.00000	-27.863	-0.50000	0.0	0.0	0.0
	21.00000	1.00000	0.00000	-27.845	-0.50000	0.0	0.0	0.0
	22.00000	1.00000	0.00000	-27.793	-0.50000	0.0	0.0	0.0
	23.00000	1.00000	0.00000	-27.708	-0.50000	0.0	0.0	0.0
	24.00000	1.00000	0.00000	-27.588	-0.50000	0.0	0.0	0.0
	25.00000	1.00000	0.00000	-27.431	-0.50000	0.0	0.0	0.0
	26.00000	1.00000	0.00000	-27.235	-0.50000	0.0	0.0	0.0
	27.00000	1.00000	0.00000	-26.995	-0.50000	0.0	0.0	0.0
	28.00000	1.00000	0.00000	-26.707	-0.50000	0.0	0.0	0.0
	29.00000	1.00000	0.00000	-26.365	-0.50000	0.0	0.0	0.0
	30.00000	1.00000	0.00000	-25.962	-0.50000	0.0	0.0	0.0
	31.00000	1.00000	0.00000	-25.485	-0.50000	0.0	0.0	0.0
	32.00000	1.00000	0.00000	-24.920	-0.50000	0.0	0.0	0.0
	33.00000	1.00000</						



73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Stresses		Vert Strain [-]
	X [m]	Y [m]					Sum Princ [kN/m²]		
21.00000	3.00000	0.00000	-32.730	-0.50000	0.0	0.0	0.0	0.0	
22.00000	3.00000	0.00000	-32.672	-0.50000	0.0	0.0	0.0	0.0	
23.00000	3.00000	0.00000	-32.577	-0.50000	0.0	0.0	0.0	0.0	
24.00000	3.00000	0.00000	-32.442	-0.50000	0.0	0.0	0.0	0.0	
25.00000	3.00000	0.00000	-32.265	-0.50000	0.0	0.0	0.0	0.0	
26.00000	3.00000	0.00000	-32.043	-0.50000	0.0	0.0	0.0	0.0	
27.00000	3.00000	0.00000	-31.771	-0.50000	0.0	0.0	0.0	0.0	
28.00000	3.00000	0.00000	-31.444	-0.50000	0.0	0.0	0.0	0.0	
29.00000	3.00000	0.00000	-31.053	-0.50000	0.0	0.0	0.0	0.0	
30.00000	3.00000	0.00000	-30.587	-0.50000	0.0	0.0	0.0	0.0	
31.00000	3.00000	0.00000	-30.033	-0.50000	0.0	0.0	0.0	0.0	
32.00000	3.00000	0.00000	-29.371	-0.50000	0.0	0.0	0.0	0.0	
33.00000	3.00000	0.00000	-28.570	-0.50000	0.0	0.0	0.0	0.0	
34.00000	3.00000	0.00000	-27.586	-0.50000	0.0	0.0	0.0	0.0	
35.00000	3.00000	0.00000	-26.343	-0.50000	0.0	0.0	0.0	0.0	
36.00000	3.00000	0.00000	-24.706	-0.50000	0.0	0.0	0.0	0.0	
37.00000	3.00000	0.00000	-22.379	-0.50000	0.0	0.0	0.0	0.0	
38.00000	3.00000	0.00000	-17.693	-0.50000	0.0	0.0	0.0	0.0	
39.00000	3.00000	0.00000	-13.004	-0.50000	0.0	0.0	0.0	0.0	
40.00000	3.00000	0.00000	-10.667	-0.50000	0.0	0.0	0.0	0.0	
41.00000	3.00000	0.00000	-9.0124	-0.50000	0.0	0.0	0.0	0.0	
42.00000	3.00000	0.00000	-7.7460	-0.50000	0.0	0.0	0.0	0.0	
43.00000	3.00000	0.00000	-6.7307	-0.50000	0.0	0.0	0.0	0.0	
44.00000	3.00000	0.00000	-5.8916	-0.50000	0.0	0.0	0.0	0.0	
45.00000	3.00000	0.00000	-5.1831	-0.50000	0.0	0.0	0.0	0.0	
46.00000	3.00000	0.00000	-4.5754	-0.50000	0.0	0.0	0.0	0.0	
47.00000	3.00000	0.00000	-4.0479	-0.50000	0.0	0.0	0.0	0.0	
48.00000	3.00000	0.00000	-3.5858	-0.50000	0.0	0.0	0.0	0.0	
49.00000	3.00000	0.00000	-3.1780	-0.50000	0.0	0.0	0.0	0.0	
50.00000	3.00000	0.00000	-2.8159	-0.50000	0.0	0.0	0.0	0.0	
51.00000	3.00000	0.00000	-2.4928	-0.50000	0.0	0.0	0.0	0.0	
52.00000	3.00000	0.00000	-2.2034	-0.50000	0.0	0.0	0.0	0.0	
53.00000	3.00000	0.00000	-1.9433	-0.50000	0.0	0.0	0.0	0.0	
54.00000	3.00000	0.00000	-1.7090	-0.50000	0.0	0.0	0.0	0.0	
55.00000	3.00000	0.00000	-1.4973	-0.50000	0.0	0.0	0.0	0.0	
56.00000	3.00000	0.00000	-1.3057	-0.50000	0.0	0.0	0.0	0.0	
57.00000	3.00000	0.00000	-1.1320	-0.50000	0.0	0.0	0.0	0.0	
58.00000	3.00000	0.00000	-0.97440	-0.50000	0.0	0.0	0.0	0.0	
59.00000	3.00000	0.00000	-0.83121	-0.50000	0.0	0.0	0.0	0.0	
60.00000	3.00000	0.00000	-0.70100	-0.50000	0.0	0.0	0.0	0.0	
-20.00000	4.00000	0.00000	-0.78145	-0.50000	0.0	0.0	0.0	0.0	
-19.00000	4.00000	0.00000	-0.92008	-0.50000	0.0	0.0	0.0	0.0	
-18.00000	4.00000	0.00000	-1.0726	-0.50000	0.0	0.0	0.0	0.0	
-17.00000	4.00000	0.00000	-1.2406	-0.50000	0.0	0.0	0.0	0.0	
-16.00000	4.00000	0.00000	-1.4257	-0.50000	0.0	0.0	0.0	0.0	
-15.00000	4.00000	0.00000	-1.6301	-0.50000	0.0	0.0	0.0	0.0	
-14.00000	4.00000	0.00000	-1.8560	-0.50000	0.0	0.0	0.0	0.0	
-13.00000	4.00000	0.00000	-2.1061	-0.50000	0.0	0.0	0.0	0.0	
-12.00000	4.00000	0.00000	-2.3838	-0.50000	0.0	0.0	0.0	0.0	
-11.00000	4.00000	0.00000	-2.6928	-0.50000	0.0	0.0	0.0	0.0	
-10.00000	4.00000	0.00000	-3.0379	-0.50000	0.0	0.0	0.0	0.0	
-9.00000	4.00000	0.00000	-3.4247	-0.50000	0.0	0.0	0.0	0.0	
-8.00000	4.00000	0.00000	-3.8605	-0.50000	0.0	0.0	0.0	0.0	
-7.00000	4.00000	0.00000	-4.3542	-0.50000	0.0	0.0	0.0	0.0	
-6.00000	4.00000	0.00000	-4.9179	-0.50000	0.0	0.0	0.0	0.0	
-5.00000	4.00000	0.00000	-5.5675	-0.50000	0.0	0.0	0.0	0.0	
-4.00000	4.00000	0.00000	-6.3249	-0.50000	0.0	0.0	0.0	0.0	
-3.00000	4.00000	0.00000	-7.2220	-0.50000	0.0	0.0	0.0	0.0	
-2.00000	4.00000	0.00000	-8.3070	-0.50000	0.0	0.0	0.0	0.0	
-1.00000	4.00000	0.00000	-9.6580	-0.50000	0.0	0.0	0.0	0.0	
0.00000	4.00000	0.00000	-11.415	-0.50000	0.0	0.0	0.0	0.0	
1.00000	4.00000	0.00000	-13.873	-0.50000	0.0	0.0	0.0	0.0	
2.00000	4.00000	0.00000	-18.695	-0.50000	0.0	0.0	0.0	0.0	
3.00000	4.00000	0.00000	-23.632	-0.50000	0.0	0.0	0.0	0.0	
4.00000	4.00000	0.00000	-25.954	-0.50000	0.0	0.0	0.0	0.0	
5.00000	4.00000	0.00000	-27.686	-0.50000	0.0	0.0	0.0	0.0	
6.00000	4.00000	0.00000	-29.002	-0.50000	0.0	0.0	0.0	0.0	
7.00000	4.00000	0.00000	-30.943	-0.50000	0.0	0.0	0.0	0.0	
8.00000	4.00000	0.00000	-30.887	-0.50000	0.0	0.0	0.0	0.0	
9.00000	4.00000	0.00000	-31.582	-0.50000	0.0	0.0	0.0	0.0	
10.00000	4.00000	0.00000	-32.160	-0.50000	0.0	0.0	0.0	0.0	
11.00000	4.00000	0.00000	-32.644	-0.50000	0.0	0.0	0.0	0.0	
12.00000	4.00000	0.00000	-33.048	-0.50000	0.0	0.0	0.0	0.0	
13.00000	4.00000	0.00000	-33.386	-0.50000	0.0	0.0	0.0	0.0	
14.00000	4.00000	0.00000	-33.664	-0.50000	0.0	0.0	0.0	0.0	
15.00000	4.00000	0.00000	-33.891	-0.50000	0.0	0.0	0.0	0.0	
16.00000	4.00000	0.00000	-34.070	-0.50000	0.0	0.0	0.0	0.0	
17.00000	4.00000	0.00000	-34.205	-0.50000	0.0	0.0	0.0	0.0	
18.00000	4.00000	0.00000	-34.299	-0.50000	0.0	0.0	0.0	0.0	
19.00000	4.00000	0.00000	-34.354	-0.50000	0.0	0.0	0.0	0.0	
20.00000	4.00000	0.00000	-34.370	-0.50000	0.0	0.0	0.0	0.0	
21.00000	4.00000	0.00000	-34.348	-0.50000	0.0	0.0	0.0	0.0	
22.00000	4.00000	0.00000	-34.287	-0.50000	0.0	0.0	0.0	0.0	
23.00000	4.00000	0.00000	-34.187	-0.50000	0.0	0.0	0.0	0.0	
24.00000	4.00000	0.00000	-34.046	-0.50000	0.0	0.0	0.0	0.0	
25.00000	4.00000	0.00000	-33.860	-0.50000	0.0	0.0	0.0	0.0	
26.00000	4.00000	0.00000	-33.626	-0.50000	0.0	0.0	0.0	0.0	
27.00000	4.00000	0.00000	-33.340	-0.50000	0.0	0.0	0.0	0.0	
28.00000	4.00000	0.00000	-32.994	-0.50000	0.0	0.0	0.0	0.0	
29.00000	4.00000	0.00000	-32.580	-0.50000	0.0	0.0	0.0	0.0	
30.00000	4.00000	0.00000	-32.087	-0.50000	0.0	0.0	0.0	0.0	
31.00000	4.00000	0.00000	-31.500	-0.50000	0.0	0.0	0.0	0.0	
32.00000	4.00000	0.00000	-30.795	-0.50000	0.0	0.0	0.0	0.0	
33.00000	4.00000	0.00000	-29.942	-0.50000	0.0	0.0	0.0	0.0	
34.00000	4.00000	0.00000	-28.892	-0.50000	0.0	0.0	0.0	0.0	
35.00000	4.00000	0.00000	-27.567	-0.50000	0.0	0.0	0.0	0.0	
36.00000	4.00000	0.00000	-25.827	-0.50000	0.0	0.0	0.0	0.0	
37.00000	4.00000	0.00000	-23.378	-0.50000	0.0	0.0	0.0	0.0	
38.00000	4.00000	0.00000	-18.557	-0.50000	0.0	0.0	0.0	0.0	
39.00000	4.00000	0.00000	-13.731	-0.50000	0.0	0.0	0.0	0.0	
40.00000	4.00000	0.00000	-11.272	-0.50000	0.0	0.0	0.0	0.0	
41.00000	4.00000	0.00000	-9.5146	-0.50000	0.0	0.0	0.0	0.0	
42.00000	4.00000	0.00000	-8.1652	-0.50000	0.0	0.0	0.0	0.0	
43.00000	4.00000	0.00000	-7.0832	-0.50000	0.0	0.0	0.0	0.0	
44.00000	4.00000	0.00000	-6.1903	-0.50000	0.0	0.0	0.0	0.0	
45.00000	4.00000	0.00000	-5.4380	-0.50000	0.0	0.0	0.0	0.0	
46.00000	4.00000	0.00000	-4.7944	-0					



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	60.00000	6.00000	0.00000	-0.80582	-0.50000	0.0	0.0	0.0
	-20.00000	7.00000	0.00000	-0.88708	-0.50000	0.0	0.0	0.0
	-19.00000	7.00000	0.00000	-1.0390	-0.50000	0.0	0.0	0.0
	-18.00000	7.00000	0.00000	-1.2066	-0.50000	0.0	0.0	0.0
	-17.00000	7.00000	0.00000	-1.3917	-0.50000	0.0	0.0	0.0
	-16.00000	7.00000	0.00000	-1.5963	-0.50000	0.0	0.0	0.0
	-15.00000	7.00000	0.00000	-1.8229	-0.50000	0.0	0.0	0.0
	-14.00000	7.00000	0.00000	-2.0742	-0.50000	0.0	0.0	0.0
	-13.00000	7.00000	0.00000	-2.3534	-0.50000	0.0	0.0	0.0
	-12.00000	7.00000	0.00000	-2.6645	-0.50000	0.0	0.0	0.0
	-11.00000	7.00000	0.00000	-3.0118	-0.50000	0.0	0.0	0.0
	-10.00000	7.00000	0.00000	-3.4031	-0.50000	0.0	0.0	0.0
	-9.00000	7.00000	0.00000	-3.8389	-0.50000	0.0	0.0	0.0
	-8.00000	7.00000	0.00000	-4.3335	-0.50000	0.0	0.0	0.0
	-7.00000	7.00000	0.00000	-4.8956	-0.50000	0.0	0.0	0.0
	-6.00000	7.00000	0.00000	-5.5386	-0.50000	0.0	0.0	0.0
	-5.00000	7.00000	0.00000	-6.2803	-0.50000	0.0	0.0	0.0
	-4.00000	7.00000	0.00000	-7.1448	-0.50000	0.0	0.0	0.0
	-3.00000	7.00000	0.00000	-8.1663	-0.50000	0.0	0.0	0.0
	-2.00000	7.00000	0.00000	-9.3953	-0.50000	0.0	0.0	0.0
	-1.00000	7.00000	0.00000	-10.911	-0.50000	0.0	0.0	0.0
	0.00000	7.00000	0.00000	-12.855	-0.50000	0.0	0.0	0.0
	1.00000	7.00000	0.00000	-15.516	-0.50000	0.0	0.0	0.0
	2.00000	7.00000	0.00000	-20.551	-0.50000	0.0	0.0	0.0
	3.00000	7.00000	0.00000	-25.578	-0.50000	0.0	0.0	0.0
	4.00000	7.00000	0.00000	-28.217	-0.50000	0.0	0.0	0.0
	5.00000	7.00000	0.00000	-30.124	-0.50000	0.0	0.0	0.0
	6.00000	7.00000	0.00000	-31.591	-0.50000	0.0	0.0	0.0
	7.00000	7.00000	0.00000	-32.759	-0.50000	0.0	0.0	0.0
	8.00000	7.00000	0.00000	-33.708	-0.50000	0.0	0.0	0.0
	9.00000	7.00000	0.00000	-34.492	-0.50000	0.0	0.0	0.0
	10.00000	7.00000	0.00000	-35.144	-0.50000	0.0	0.0	0.0
	11.00000	7.00000	0.00000	-35.688	-0.50000	0.0	0.0	0.0
	12.00000	7.00000	0.00000	-36.142	-0.50000	0.0	0.0	0.0
	13.00000	7.00000	0.00000	-36.520	-0.50000	0.0	0.0	0.0
	14.00000	7.00000	0.00000	-36.832	-0.50000	0.0	0.0	0.0
	15.00000	7.00000	0.00000	-37.085	-0.50000	0.0	0.0	0.0
	16.00000	7.00000	0.00000	-37.285	-0.50000	0.0	0.0	0.0
	17.00000	7.00000	0.00000	-37.436	-0.50000	0.0	0.0	0.0
	18.00000	7.00000	0.00000	-37.542	-0.50000	0.0	0.0	0.0
	19.00000	7.00000	0.00000	-37.603	-0.50000	0.0	0.0	0.0
	20.00000	7.00000	0.00000	-37.621	-0.50000	0.0	0.0	0.0
	21.00000	7.00000	0.00000	-37.596	-0.50000	0.0	0.0	0.0
	22.00000	7.00000	0.00000	-37.528	-0.50000	0.0	0.0	0.0
	23.00000	7.00000	0.00000	-37.417	-0.50000	0.0	0.0	0.0
	24.00000	7.00000	0.00000	-37.258	-0.50000	0.0	0.0	0.0
	25.00000	7.00000	0.00000	-37.049	-0.50000	0.0	0.0	0.0
	26.00000	7.00000	0.00000	-36.786	-0.50000	0.0	0.0	0.0
	27.00000	7.00000	0.00000	-36.463	-0.50000	0.0	0.0	0.0
	28.00000	7.00000	0.00000	-36.072	-0.50000	0.0	0.0	0.0
	29.00000	7.00000	0.00000	-35.603	-0.50000	0.0	0.0	0.0
	30.00000	7.00000	0.00000	-35.044	-0.50000	0.0	0.0	0.0
	31.00000	7.00000	0.00000	-34.376	-0.50000	0.0	0.0	0.0
	32.00000	7.00000	0.00000	-33.576	-0.50000	0.0	0.0	0.0
	33.00000	7.00000	0.00000	-32.608	-0.50000	0.0	0.0	0.0
	34.00000	7.00000	0.00000	-31.423	-0.50000	0.0	0.0	0.0
	35.00000	7.00000	0.00000	-29.939	-0.50000	0.0	0.0	0.0
	36.00000	7.00000	0.00000	-28.017	-0.50000	0.0	0.0	0.0
	37.00000	7.00000	0.00000	-25.365	-0.50000	0.0	0.0	0.0
	38.00000	7.00000	0.00000	-20.328	-0.50000	0.0	0.0	0.0
	39.00000	7.00000	0.00000	-15.287	-0.50000	0.0	0.0	0.0
	40.00000	7.00000	0.00000	-12.624	-0.50000	0.0	0.0	0.0
	41.00000	7.00000	0.00000	-10.682	-0.50000	0.0	0.0	0.0
	42.00000	7.00000	0.00000	-9.1734	-0.50000	0.0	0.0	0.0
	43.00000	7.00000	0.00000	-7.9506	-0.50000	0.0	0.0	0.0
	44.00000	7.00000	0.00000	-6.9993	-0.50000	0.0	0.0	0.0
	45.00000	7.00000	0.00000	-6.0865	-0.50000	0.0	0.0	0.0
	46.00000	7.00000	0.00000	-5.3574	-0.50000	0.0	0.0	0.0
	47.00000	7.00000	0.00000	-4.7273	-0.50000	0.0	0.0	0.0
	48.00000	7.00000	0.00000	-4.1781	-0.50000	0.0	0.0	0.0
	49.00000	7.00000	0.00000	-3.6059	-0.50000	0.0	0.0	0.0
	50.00000	7.00000	0.00000	-3.2700	-0.50000	0.0	0.0	0.0
	51.00000	7.00000	0.00000	-2.8920	-0.50000	0.0	0.0	0.0
	52.00000	7.00000	0.00000	-2.5552	-0.50000	0.0	0.0	0.0
	53.00000	7.00000	0.00000	-2.2539	-0.50000	0.0	0.0	0.0
	54.00000	7.00000	0.00000	-1.9836	-0.50000	0.0	0.0	0.0
	55.00000	7.00000	0.00000	-1.7405	-0.50000	0.0	0.0	0.0
	56.00000	7.00000	0.00000	-1.5234	-0.50000	0.0	0.0	0.0
	57.00000	7.00000	0.00000	-1.3236	-0.50000	0.0	0.0	0.0
	58.00000	7.00000	0.00000	-1.1448	-0.50000	0.0	0.0	0.0
	59.00000	7.00000	0.00000	-0.98281	-0.50000	0.0	0.0	0.0
	60.00000	7.00000	0.00000	-0.83602	-0.50000	0.0	0.0	0.0
	-20.00000	8.00000	0.00000	-0.91709	-0.50000	0.0	0.0	0.0
	-19.00000	8.00000	0.00000	-1.0729	-0.50000	0.0	0.0	0.0
	-18.00000	8.00000	0.00000	-1.2448	-0.50000	0.0	0.0	0.0
	-17.00000	8.00000	0.00000	-1.4349	-0.50000	0.0	0.0	0.0
	-16.00000	8.00000	0.00000	-1.6452	-0.50000	0.0	0.0	0.0
	-15.00000	8.00000	0.00000	-1.8783	-0.50000	0.0	0.0	0.0
	-14.00000	8.00000	0.00000	-2.1370	-0.50000	0.0	0.0	0.0
	-13.00000	8.00000	0.00000	-2.4247	-0.50000	0.0	0.0	0.0
	-12.00000	8.00000	0.00000	-2.7455	-0.50000	0.0	0.0	0.0
	-11.00000	8.00000	0.00000	-3.1041	-0.50000	0.0	0.0	0.0
	-10.00000	8.00000	0.00000	-3.5061	-0.50000	0.0	0.0	0.0
	-9.00000	8.00000	0.00000	-3.9587	-0.50000	0.0	0.0	0.0
	-8.00000	8.00000	0.00000	-4.4703	-0.50000	0.0	0.0	0.0
	-7.00000	8.00000	0.00000	-5.0518	-0.50000	0.0	0.0	0.0
	-6.00000	8.00000	0.00000	-5.7169	-0.50000	0.0	0.0	0.0
	-5.00000	8.00000	0.00000	-6.4836	-0.50000	0.0	0.0	0.0
	-4.00000	8.00000	0.00000	-7.3763	-0.50000	0.0	0.0	0.0
	-3.00000	8.00000	0.00000	-8.4291	-0.50000	0.0	0.0	0.0
	-2.00000	8.00000	0.00000	-9.6922	-0.50000	0.0	0.0	0.0
	-1.00000	8.00000	0.00000	-11.245	-0.50000	0.0	0.0	0.0
	0.00000	8.00000	0.00000	-13.427	-0.50000	0.0	0.0	0.0
	1.00000	8.00000	0.00000	-15.927	-0.50000	0.0	0.0	0.0
	2.00000	8.00000	0.00000	-21.001	-0.50000	0.0	0.0	0.0
	3.00000	8.00000	0.00000	-26.065	-0.50000	0.0	0.0	0.0
	4.00000	8.00000	0.00000	-28.739	-0.50000	0.0	0.0	0.0
	5.00000	8.00000	0.00000	-30.678	-0.50000	0.0	0.0	0.0
	6.00000	8.00000	0.00000	-32.173	-0.50000	0.0	0.0	0.0
	7.00000	8.00000	0.00000	-33.366	-0.50000	0.0	0.0	0.0
	8.00000	8.00000	0.00000	-34.337	-0.50000	0.0	0.0	0.0
	9.00000	8.00000	0.00000	-35.139	-0.50000	0.0	0.0	0.0
	10.00000	8.00000	0.00000	-35.606	-0.50000	0.0	0.0	0.0
	11.00000	8.00000	0.00000	-36.364	-0.50000	0.0	0.0	0.0
	12.00000	8.00000	0.00000	-36.830	-0.50000	0.0	0.0	0.0
	13.00000	8.00000	0.00000	-37.217	-0.50000	0.0	0.0	0.0
	14.00000	8.00000	0.00000	-37.537	-0.50000	0.0	0.0	0.0
	15.00000	8.00000	0.00000	-37.797	-0.50000	0.0	0.0	0.0
	16.00000	8.00000	0.00000	-38.002	-0.50000	0.0	0.0	0.0
	17.00000	8.00000	0.00000	-38.157	-0.50000	0.0	0.0	0.0
	18.00000	8.00000	0.00000	-38.265	-0.50000	0.0	0.0	0.0
	19.00000	8.00000	0.00000	-38.328	-0.50000	0.0	0.0	0.0
	20.00000	8.00000	0.00000	-38.347	-0.50000	0.0	0.0	0.0
	21.00000	8.00000	0.00000	-38.322	-0.50000	0.0	0.0	0.0
	22.00000	8.00000	0.00000	-38.253	-0.50000	0.0	0.0	0.0
	23.00000	8.00000	0.00000	-38.138	-0.50000	0.0	0.0	0.0
	24.00000	8.00000	0.00000	-37.974	-0.50000	0.0	0.0	0.0
	25.00000	8.00000	0.00000	-37.760	-0.50000	0.0	0.0	0.0
	26.00000	8.00000	0.00000	-37.489	-0.50000	0.0	0.0	0.0
	27.00000	8.00000	0.00000	-37.156	-0.50000	0.0	0.0	0.0
	28.00000	8.00000	0.00000	-36.754	-0.50000	0.0	0.0	0.0
	29.00000	8.00000	0.00000	-36.272	-0.50000	0.0	0.0	0.0
	30.00000	8.00000						



73-75 Avenue Road, NW8

Short-term Heave

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



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
57.00000	13.00000	0.00000	-1.4919	-0.50000	0.0	0.0	0.0	
58.00000	13.00000	0.00000	-1.2944	-0.50000	0.0	0.0	0.0	
59.00000	13.00000	0.00000	-1.1160	-0.50000	0.0	0.0	0.0	
60.00000	13.00000	0.00000	-0.95464	-0.50000	0.0	0.0	0.0	
-20.00000	14.00000	0.00000	-1.0282	-0.50000	0.0	0.0	0.0	
-19.00000	14.00000	0.00000	-1.1988	-0.50000	0.0	0.0	0.0	
-18.00000	14.00000	0.00000	-1.3879	-0.50000	0.0	0.0	0.0	
-17.00000	14.00000	0.00000	-1.5976	-0.50000	0.0	0.0	0.0	
-16.00000	14.00000	0.00000	-1.8307	-0.50000	0.0	0.0	0.0	
-15.00000	14.00000	0.00000	-2.0900	-0.50000	0.0	0.0	0.0	
-14.00000	14.00000	0.00000	-2.3791	-0.50000	0.0	0.0	0.0	
-13.00000	14.00000	0.00000	-2.7023	-0.50000	0.0	0.0	0.0	
-12.00000	14.00000	0.00000	-3.0645	-0.50000	0.0	0.0	0.0	
-11.00000	14.00000	0.00000	-3.4716	-0.50000	0.0	0.0	0.0	
-10.00000	14.00000	0.00000	-3.9307	-0.50000	0.0	0.0	0.0	
-9.00000	14.00000	0.00000	-4.4505	-0.50000	0.0	0.0	0.0	
-8.00000	14.00000	0.00000	-5.0416	-0.50000	0.0	0.0	0.0	
-7.00000	14.00000	0.00000	-5.7176	-0.50000	0.0	0.0	0.0	
-6.00000	14.00000	0.00000	-6.4952	-0.50000	0.0	0.0	0.0	
-5.00000	14.00000	0.00000	-7.3962	-0.50000	0.0	0.0	0.0	
-4.00000	14.00000	0.00000	-8.4494	-0.50000	0.0	0.0	0.0	
-3.00000	14.00000	0.00000	-9.6932	-0.50000	0.0	0.0	0.0	
-2.00000	14.00000	0.00000	-11.1180	-0.50000	0.0	0.0	0.0	
-1.00000	14.00000	0.00000	-12.980	-0.50000	0.0	0.0	0.0	
0.00000	14.00000	0.00000	-15.199	-0.50000	0.0	0.0	0.0	
1.00000	14.00000	0.00000	-18.057	-0.50000	0.0	0.0	0.0	
2.00000	14.00000	0.00000	-21.165	-0.50000	0.0	0.0	0.0	
3.00000	14.00000	0.00000	-28.181	-0.50000	0.0	0.0	0.0	
4.00000	14.00000	0.00000	-30.787	-0.50000	0.0	0.0	0.0	
5.00000	14.00000	0.00000	-32.673	-0.50000	0.0	0.0	0.0	
6.00000	14.00000	0.00000	-34.135	-0.50000	0.0	0.0	0.0	
7.00000	14.00000	0.00000	-35.312	-0.50000	0.0	0.0	0.0	
8.00000	14.00000	0.00000	-36.280	-0.50000	0.0	0.0	0.0	
9.00000	14.00000	0.00000	-37.088	-0.50000	0.0	0.0	0.0	
10.00000	14.00000	0.00000	-37.766	-0.50000	0.0	0.0	0.0	
11.00000	14.00000	0.00000	-38.337	-0.50000	0.0	0.0	0.0	
12.00000	14.00000	0.00000	-38.819	-0.50000	0.0	0.0	0.0	
13.00000	14.00000	0.00000	-39.223	-0.50000	0.0	0.0	0.0	
14.00000	14.00000	0.00000	-39.559	-0.50000	0.0	0.0	0.0	
15.00000	14.00000	0.00000	-39.835	-0.50000	0.0	0.0	0.0	
16.00000	14.00000	0.00000	-40.054	-0.50000	0.0	0.0	0.0	
17.00000	14.00000	0.00000	-40.222	-0.50000	0.0	0.0	0.0	
18.00000	14.00000	0.00000	-40.341	-0.50000	0.0	0.0	0.0	
19.00000	14.00000	0.00000	-40.412	-0.50000	0.0	0.0	0.0	
20.00000	14.00000	0.00000	-40.437	-0.50000	0.0	0.0	0.0	
21.00000	14.00000	0.00000	-40.416	-0.50000	0.0	0.0	0.0	
22.00000	14.00000	0.00000	-40.346	-0.50000	0.0	0.0	0.0	
23.00000	14.00000	0.00000	-40.228	-0.50000	0.0	0.0	0.0	
24.00000	14.00000	0.00000	-40.056	-0.50000	0.0	0.0	0.0	
25.00000	14.00000	0.00000	-39.829	-0.50000	0.0	0.0	0.0	
26.00000	14.00000	0.00000	-39.540	-0.50000	0.0	0.0	0.0	
27.00000	14.00000	0.00000	-39.182	-0.50000	0.0	0.0	0.0	
28.00000	14.00000	0.00000	-38.749	-0.50000	0.0	0.0	0.0	
29.00000	14.00000	0.00000	-38.227	-0.50000	0.0	0.0	0.0	
30.00000	14.00000	0.00000	-37.605	-0.50000	0.0	0.0	0.0	
31.00000	14.00000	0.00000	-36.862	-0.50000	0.0	0.0	0.0	
32.00000	14.00000	0.00000	-35.975	-0.50000	0.0	0.0	0.0	
33.00000	14.00000	0.00000	-34.908	-0.50000	0.0	0.0	0.0	
34.00000	14.00000	0.00000	-33.611	-0.50000	0.0	0.0	0.0	
35.00000	14.00000	0.00000	-32.005	-0.50000	0.0	0.0	0.0	
36.00000	14.00000	0.00000	-29.350	-0.50000	0.0	0.0	0.0	
37.00000	14.00000	0.00000	-27.158	-0.50000	0.0	0.0	0.0	
38.00000	14.00000	0.00000	-21.976	-0.50000	0.0	0.0	0.0	
39.00000	14.00000	0.00000	-16.789	-0.50000	0.0	0.0	0.0	
40.00000	14.00000	0.00000	-13.383	-0.50000	0.0	0.0	0.0	
41.00000	14.00000	0.00000	-11.904	-0.50000	0.0	0.0	0.0	
42.00000	14.00000	0.00000	-10.265	-0.50000	0.0	0.0	0.0	
43.00000	14.00000	0.00000	-8.9246	-0.50000	0.0	0.0	0.0	
44.00000	14.00000	0.00000	-7.8047	-0.50000	0.0	0.0	0.0	
45.00000	14.00000	0.00000	-6.8538	-0.50000	0.0	0.0	0.0	
46.00000	14.00000	0.00000	-6.0368	-0.50000	0.0	0.0	0.0	
47.00000	14.00000	0.00000	-5.3285	-0.50000	0.0	0.0	0.0	
48.00000	14.00000	0.00000	-4.7099	-0.50000	0.0	0.0	0.0	
49.00000	14.00000	0.00000	-4.1663	-0.50000	0.0	0.0	0.0	
50.00000	14.00000	0.00000	-3.6862	-0.50000	0.0	0.0	0.0	
51.00000	14.00000	0.00000	-3.2605	-0.50000	0.0	0.0	0.0	
52.00000	14.00000	0.00000	-2.8815	-0.50000	0.0	0.0	0.0	
53.00000	14.00000	0.00000	-2.5431	-0.50000	0.0	0.0	0.0	
54.00000	14.00000	0.00000	-2.2402	-0.50000	0.0	0.0	0.0	
55.00000	14.00000	0.00000	-1.9683	-0.50000	0.0	0.0	0.0	
56.00000	14.00000	0.00000	-1.7237	-0.50000	0.0	0.0	0.0	
57.00000	14.00000	0.00000	-1.5035	-0.50000	0.0	0.0	0.0	
58.00000	14.00000	0.00000	-1.3047	-0.50000	0.0	0.0	0.0	
59.00000	14.00000	0.00000	-1.1252	-0.50000	0.0	0.0	0.0	
60.00000	14.00000	0.00000	-0.96279	-0.50000	0.0	0.0	0.0	
-20.00000	15.00000	0.00000	-1.0337	-0.50000	0.0	0.0	0.0	
-19.00000	15.00000	0.00000	-1.2053	-0.50000	0.0	0.0	0.0	
-18.00000	15.00000	0.00000	-1.3954	-0.50000	0.0	0.0	0.0	
-17.00000	15.00000	0.00000	-1.6064	-0.50000	0.0	0.0	0.0	
-16.00000	15.00000	0.00000	-1.8410	-0.50000	0.0	0.0	0.0	
-15.00000	15.00000	0.00000	-2.1022	-0.50000	0.0	0.0	0.0	
-14.00000	15.00000	0.00000	-2.3927	-0.50000	0.0	0.0	0.0	
-13.00000	15.00000	0.00000	-2.7197	-0.50000	0.0	0.0	0.0	
-12.00000	15.00000	0.00000	-3.0854	-0.50000	0.0	0.0	0.0	
-11.00000	15.00000	0.00000	-3.4970	-0.50000	0.0	0.0	0.0	
-10.00000	15.00000	0.00000	-3.9618	-0.50000	0.0	0.0	0.0	
-9.00000	15.00000	0.00000	-4.4889	-0.50000	0.0	0.0	0.0	
-8.00000	15.00000	0.00000	-5.0897	-0.50000	0.0	0.0	0.0	
-7.00000	15.00000	0.00000	-5.7786	-0.50000	0.0	0.0	0.0	
-6.00000	15.00000	0.00000	-6.5738	-0.50000	0.0	0.0	0.0	
-5.00000	15.00000	0.00000	-7.4997	-0.50000	0.0	0.0	0.0	
-4.00000	15.00000	0.00000	-8.5693	-0.50000	0.0	0.0	0.0	
-3.00000	15.00000	0.00000	-9.8884	-0.50000	0.0	0.0	0.0	
-2.00000	15.00000	0.00000	-11.465	-0.50000	0.0	0.0	0.0	
-1.00000	15.00000	0.00000	-13.416	-0.50000	0.0	0.0	0.0	
0.00000	15.00000	0.00000	-15.852	-0.50000	0.0	0.0	0.0	
1.00000	15.00000	0.00000	-18.832	-0.50000	0.0	0.0	0.0	
2.00000	15.00000	0.00000	-23.819	-0.50000	0.0	0.0	0.0	
3.00000	15.00000	0.00000	-28.619	-0.50000	0.0	0.0	0.0	
4.00000	15.00000	0.00000	-31.076	-0.50000	0.0	0.0	0.0	
5.00000	15.00000	0.00000	-32.871	-0.50000	0.0	0.0	0.0	
6.00000	15.00000	0.00000	-34.283	-0.50000	0.0	0.0	0.0	
7.00000	15.00000	0.00000	-35.423	-0.50000	0.0	0.0	0.0	
8.00000	15.00000	0.00000	-36.368	-0.50000	0.0	0.0	0.0	
9.00000	15.00000	0.00000	-37.160	-0.50000	0.0	0.0	0.0	
10.00000	15.00000	0.00000	-37.827	-0.50000	0.0	0.0	0.0	
11.00000	15.00000	0.00000	-38.391	-0.50000	0.0	0.0	0.0	
12.00000	15.00000	0.00000	-38.867	-0.50000	0.0	0.0	0.0	
13.00000	15.00000	0.00000	-39.268	-0.50000	0.0	0.0	0.0	
14.00000	15.00000	0.00000	-39.602	-0.50000	0.0	0.0	0.0	
15.00000	15.00000	0.00000	-39.877	-0.50000	0.0	0.0	0.0	
16.00000	15.00000	0.00000	-40.096	-0.50000	0.0	0.0	0.0	
17.00000	15.00000	0.00000	-40.263	-0.50000	0.0	0.0	0.0	
18.00000	15.00000	0.00000	-40.385	-0.50000	0.0	0.0	0.0	
19.00000	15.00000	0.00000	-40.459	-0.50000	0.0	0.0	0.0	
20.00000	15.00000	0.00000	-40.486	-0.50000	0.0	0.0	0.0	
21.00000	15.00000	0.00000	-40.467	-0.50000	0.0	0.0	0.0	
22.00000	15.00000	0.00000	-40.400	-0.50000	0.0	0.0	0.0	
23.00000	15.00000	0.00000	-40.284	-0.50000	0.0	0.0	0.0	
24.00000	15.00000	0.00000	-40.135	-0.50000	0.0	0.0	0.0	
25.00000	15.00000	0.00000	-39.890	-0.50000	0.0	0.0	0.0	
26.00000	15.00000	0.00000	-39.603	-0.50000	0.0	0.0	0.0	
27.00000	15.00000	0.00000	-39.247	-0.50000	0.0	0.0	0.0	
28.00000	15.00000	0.00000	-38.834	-0.50000	0.0	0.0	0.0	
29.00000	15.00000	0.00000	-38.293	-0.50000	0.0	0.0	0.0	
30.00000	15.00000	0.00000	-37.671	-0.50000	0.0	0.0	0.0	
31.00000	15.00000	0.00000	-36.928	-0.50000	0.0	0		



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	15.00000	17.00000	0.00000	-39.723	-0.50000	0.0	0.0	0.0
	16.00000	17.00000	0.00000	-39.942	-0.50000	0.0	0.0	0.0
	17.00000	17.00000	0.00000	-40.113	-0.50000	0.0	0.0	0.0
	18.00000	17.00000	0.00000	-40.237	-0.50000	0.0	0.0	0.0
	19.00000	17.00000	0.00000	-40.316	-0.50000	0.0	0.0	0.0
	20.00000	17.00000	0.00000	-40.350	-0.50000	0.0	0.0	0.0
	21.00000	17.00000	0.00000	-40.339	-0.50000	0.0	0.0	0.0
	22.00000	17.00000	0.00000	-40.281	-0.50000	0.0	0.0	0.0
	23.00000	17.00000	0.00000	-40.174	-0.50000	0.0	0.0	0.0
	24.00000	17.00000	0.00000	-40.014	-0.50000	0.0	0.0	0.0
	25.00000	17.00000	0.00000	-39.798	-0.50000	0.0	0.0	0.0
	26.00000	17.00000	0.00000	-39.520	-0.50000	0.0	0.0	0.0
	27.00000	17.00000	0.00000	-39.173	-0.50000	0.0	0.0	0.0
	28.00000	17.00000	0.00000	-38.748	-0.50000	0.0	0.0	0.0
	29.00000	17.00000	0.00000	-38.235	-0.50000	0.0	0.0	0.0
	30.00000	17.00000	0.00000	-37.638	-0.50000	0.0	0.0	0.0
	31.00000	17.00000	0.00000	-36.882	-0.50000	0.0	0.0	0.0
	32.00000	17.00000	0.00000	-35.999	-0.50000	0.0	0.0	0.0
	33.00000	17.00000	0.00000	-34.935	-0.50000	0.0	0.0	0.0
	34.00000	17.00000	0.00000	-33.641	-0.50000	0.0	0.0	0.0
	35.00000	17.00000	0.00000	-32.036	-0.50000	0.0	0.0	0.0
	36.00000	17.00000	0.00000	-29.981	-0.50000	0.0	0.0	0.0
	37.00000	17.00000	0.00000	-27.189	-0.50000	0.0	0.0	0.0
	38.00000	17.00000	0.00000	-22.006	-0.50000	0.0	0.0	0.0
	39.00000	17.00000	0.00000	-16.818	-0.50000	0.0	0.0	0.0
	40.00000	17.00000	0.00000	-14.010	-0.50000	0.0	0.0	0.0
	41.00000	17.00000	0.00000	-11.930	-0.50000	0.0	0.0	0.0
	42.00000	17.00000	0.00000	-10.288	-0.50000	0.0	0.0	0.0
	43.00000	17.00000	0.00000	-8.9464	-0.50000	0.0	0.0	0.0
	44.00000	17.00000	0.00000	-7.8545	-0.50000	0.0	0.0	0.0
	45.00000	17.00000	0.00000	-6.8717	-0.50000	0.0	0.0	0.0
	46.00000	17.00000	0.00000	-6.0530	-0.50000	0.0	0.0	0.0
	47.00000	17.00000	0.00000	-5.3430	-0.50000	0.0	0.0	0.0
	48.00000	17.00000	0.00000	-4.7228	-0.50000	0.0	0.0	0.0
	49.00000	17.00000	0.00000	-4.1778	-0.50000	0.0	0.0	0.0
	50.00000	17.00000	0.00000	-3.6965	-0.50000	0.0	0.0	0.0
	51.00000	17.00000	0.00000	-3.2696	-0.50000	0.0	0.0	0.0
	52.00000	17.00000	0.00000	-2.8896	-0.50000	0.0	0.0	0.0
	53.00000	17.00000	0.00000	-2.5503	-0.50000	0.0	0.0	0.0
	54.00000	17.00000	0.00000	-2.2465	-0.50000	0.0	0.0	0.0
	55.00000	17.00000	0.00000	-1.9739	-0.50000	0.0	0.0	0.0
	56.00000	17.00000	0.00000	-1.7288	-0.50000	0.0	0.0	0.0
	57.00000	17.00000	0.00000	-1.5079	-0.50000	0.0	0.0	0.0
	58.00000	17.00000	0.00000	-1.3087	-0.50000	0.0	0.0	0.0
	59.00000	17.00000	0.00000	-1.1287	-0.50000	0.0	0.0	0.0
	60.00000	17.00000	0.00000	-0.96594	-0.50000	0.0	0.0	0.0
	-19.00000	18.00000	0.00000	-1.1973	-0.50000	0.0	0.0	0.0
	-18.00000	18.00000	0.00000	-1.3871	-0.50000	0.0	0.0	0.0
	-17.00000	18.00000	0.00000	-1.5980	-0.50000	0.0	0.0	0.0
	-16.00000	18.00000	0.00000	-1.8327	-0.50000	0.0	0.0	0.0
	-15.00000	18.00000	0.00000	-2.0943	-0.50000	0.0	0.0	0.0
	-14.00000	18.00000	0.00000	-2.3869	-0.50000	0.0	0.0	0.0
	-13.00000	18.00000	0.00000	-2.7148	-0.50000	0.0	0.0	0.0
	-12.00000	18.00000	0.00000	-3.0836	-0.50000	0.0	0.0	0.0
	-11.00000	18.00000	0.00000	-3.5000	-0.50000	0.0	0.0	0.0
	-10.00000	18.00000	0.00000	-3.9723	-0.50000	0.0	0.0	0.0
	-9.00000	18.00000	0.00000	-4.4107	-0.50000	0.0	0.0	0.0
	-8.00000	18.00000	0.00000	-5.1286	-0.50000	0.0	0.0	0.0
	-7.00000	18.00000	0.00000	-5.8431	-0.50000	0.0	0.0	0.0
	-6.00000	18.00000	0.00000	-6.6777	-0.50000	0.0	0.0	0.0
	-5.00000	18.00000	0.00000	-7.6649	-0.50000	0.0	0.0	0.0
	-4.00000	18.00000	0.00000	-8.8529	-0.50000	0.0	0.0	0.0
	-3.00000	18.00000	0.00000	-10.339	-0.50000	0.0	0.0	0.0
	-2.00000	18.00000	0.00000	-12.202	-0.50000	0.0	0.0	0.0
	-1.00000	18.00000	0.00000	-14.799	-0.50000	0.0	0.0	0.0
	0.00000	18.00000	0.00000	-19.800	-0.50000	0.0	0.0	0.0
	1.00000	18.00000	0.00000	-24.890	-0.50000	0.0	0.0	0.0
	2.00000	18.00000	0.00000	-27.724	-0.50000	0.0	0.0	0.0
	3.00000	18.00000	0.00000	-29.915	-0.50000	0.0	0.0	0.0
	4.00000	18.00000	0.00000	-31.685	-0.50000	0.0	0.0	0.0
	5.00000	18.00000	0.00000	-33.138	-0.50000	0.0	0.0	0.0
	6.00000	18.00000	0.00000	-34.344	-0.50000	0.0	0.0	0.0
	7.00000	18.00000	0.00000	-35.356	-0.50000	0.0	0.0	0.0
	8.00000	18.00000	0.00000	-36.211	-0.50000	0.0	0.0	0.0
	9.00000	18.00000	0.00000	-36.939	-0.50000	0.0	0.0	0.0
	10.00000	18.00000	0.00000	-37.560	-0.50000	0.0	0.0	0.0
	11.00000	18.00000	0.00000	-38.091	-0.50000	0.0	0.0	0.0
	12.00000	18.00000	0.00000	-38.543	-0.50000	0.0	0.0	0.0
	13.00000	18.00000	0.00000	-38.928	-0.50000	0.0	0.0	0.0
	14.00000	18.00000	0.00000	-39.252	-0.50000	0.0	0.0	0.0
	15.00000	18.00000	0.00000	-39.521	-0.50000	0.0	0.0	0.0
	16.00000	18.00000	0.00000	-39.740	-0.50000	0.0	0.0	0.0
	17.00000	18.00000	0.00000	-39.912	-0.50000	0.0	0.0	0.0
	18.00000	18.00000	0.00000	-40.039	-0.50000	0.0	0.0	0.0
	19.00000	18.00000	0.00000	-40.122	-0.50000	0.0	0.0	0.0
	20.00000	18.00000	0.00000	-40.161	-0.50000	0.0	0.0	0.0
	21.00000	18.00000	0.00000	-40.156	-0.50000	0.0	0.0	0.0
	22.00000	18.00000	0.00000	-40.105	-0.50000	0.0	0.0	0.0
	23.00000	18.00000	0.00000	-40.005	-0.50000	0.0	0.0	0.0
	24.00000	18.00000	0.00000	-39.853	-0.50000	0.0	0.0	0.0
	25.00000	18.00000	0.00000	-39.644	-0.50000	0.0	0.0	0.0
	26.00000	18.00000	0.00000	-39.373	-0.50000	0.0	0.0	0.0
	27.00000	18.00000	0.00000	-39.033	-0.50000	0.0	0.0	0.0
	28.00000	18.00000	0.00000	-38.616	-0.50000	0.0	0.0	0.0
	29.00000	18.00000	0.00000	-38.109	-0.50000	0.0	0.0	0.0
	30.00000	18.00000	0.00000	-37.500	-0.50000	0.0	0.0	0.0
	31.00000	18.00000	0.00000	-36.770	-0.50000	0.0	0.0	0.0
	32.00000	18.00000	0.00000	-35.993	-0.50000	0.0	0.0	0.0
	33.00000	18.00000	0.00000	-34.836	-0.50000	0.0	0.0	0.0
	34.00000	18.00000	0.00000	-33.548	-0.50000	0.0	0.0	0.0
	35.00000	18.00000	0.00000	-31.949	-0.50000	0.0	0.0	0.0
	36.00000	18.00000	0.00000	-29.901	-0.50000	0.0	0.0	0.0
	37.00000	18.00000	0.00000	-27.114	-0.50000	0.0	0.0	0.0
	38.00000	18.00000	0.00000	-21.937	-0.50000	0.0	0.0	0.0
	39.00000	18.00000	0.00000	-16.755	-0.50000	0.0	0.0	0.0
	40.00000	18.00000	0.00000	-13.953	-0.50000	0.0	0.0	0.0
	41.00000	18.00000	0.00000	-11.878	-0.50000	0.0	0.0	0.0
	42.00000	18.00000	0.00000	-10.241	-0.50000	0.0	0.0	0.0
	43.00000	18.00000	0.00000	-8.9038	-0.50000	0.0	0.0	0.0
	44.00000	18.00000	0.00000	-7.7862	-0.50000	0.0	0.0	0.0
	45.00000	18.00000	0.00000	-6.8374	-0.50000	0.0	0.0	0.0
	46.00000	18.00000	0.00000	-6.0222	-0.50000	0.0	0.0	0.0
	47.00000	18.00000	0.00000	-5.3155	-0.50000	0.0	0.0	0.0
	48.00000	18.00000	0.00000	-4.6983	-0.50000	0.0	0.0	0.0
	49.00000	18.00000	0.00000	-4.1560	-0.50000	0.0	0.0	0.0
	50.00000	18.00000	0.00000	-3.6771	-0.50000	0.0	0.0	0.0
	51.00000	18.00000	0.00000	-3.2523	-0.50000	0.0	0.0	0.0
	52.00000	18.00000	0.00000	-2.8742	-0.50000	0.0	0.0	0.0
	53.00000	18.00000	0.00000	-2.5366	-0.50000	0.0	0.0	0.0
	54.00000	18.00000	0.00000	-2.2344	-0.50000	0.0	0.0	0.0
	55.00000	18.00000	0.00000	-1.9631	-0.50000	0.0	0.0	0.0
	56.00000	18.00000	0.00000	-1.7191	-0.50000	0.0	0.0	0.0
	57.00000	18.00000	0.00000	-1.4993	-0.50000	0.0	0.0	0.0
	58.00000	18.00000	0.00000	-1.3011	-0.50000	0.0	0.0	0.0
	59.00000	18.00000	0.00000	-1.1219	-0.50000	0.0	0.0	0.0
	60.00000	18.00000	0.00000	-0.95988	-0.50000	0.0	0.0	0.0
	-20.00000	19.00000	0.00000	-1.0155	-0.50000	0.0	0.0	0.0
	-19.00000	19.00000	0.00000	-1.1854	-0.50000	0.0	0.0	0.0
	-18.00000	19.00000	0.00000	-1.3738	-0.50000	0.0	0.0	0.0
	-17.00000	19.00000	0.00000	-1.5834	-0.50000	0.0	0.0	0.0
	-16.00000	19.00000	0.00000	-1.8164	-0.50000	0		



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	54.00000	20.00000	0.00000	-2.1889	-0.50000	0.0	0.0	0.0
	55.00000	20.00000	0.00000	-1.9226	-0.50000	0.0	0.0	0.0
	56.00000	20.00000	0.00000	-1.6831	-0.50000	0.0	0.0	0.0
	57.00000	20.00000	0.00000	-1.4673	-0.50000	0.0	0.0	0.0
	58.00000	20.00000	0.00000	-1.2725	-0.50000	0.0	0.0	0.0
	59.00000	20.00000	0.00000	-1.0965	-0.50000	0.0	0.0	0.0
	60.00000	20.00000	0.00000	-0.93727	-0.50000	0.0	0.0	0.0
	-20.00000	21.00000	0.00000	-0.98221	-0.50000	0.0	0.0	0.0
	-19.00000	21.00000	0.00000	-1.1481	-0.50000	0.0	0.0	0.0
	-18.00000	21.00000	0.00000	-1.3321	-0.50000	0.0	0.0	0.0
	-17.00000	21.00000	0.00000	-1.5365	-0.50000	0.0	0.0	0.0
	-16.00000	21.00000	0.00000	-1.7639	-0.50000	0.0	0.0	0.0
	-15.00000	21.00000	0.00000	-2.0176	-0.50000	0.0	0.0	0.0
	-14.00000	21.00000	0.00000	-2.3014	-0.50000	0.0	0.0	0.0
	-13.00000	21.00000	0.00000	-2.6197	-0.50000	0.0	0.0	0.0
	-12.00000	21.00000	0.00000	-2.9783	-0.50000	0.0	0.0	0.0
	-11.00000	21.00000	0.00000	-3.3835	-0.50000	0.0	0.0	0.0
	-10.00000	21.00000	0.00000	-3.8444	-0.50000	0.0	0.0	0.0
	-9.00000	21.00000	0.00000	-4.3714	-0.50000	0.0	0.0	0.0
	-8.00000	21.00000	0.00000	-4.9788	-0.50000	0.0	0.0	0.0
	-7.00000	21.00000	0.00000	-5.6849	-0.50000	0.0	0.0	0.0
	-6.00000	21.00000	0.00000	-6.5150	-0.50000	0.0	0.0	0.0
	-5.00000	21.00000	0.00000	-7.5047	-0.50000	0.0	0.0	0.0
	-4.00000	21.00000	0.00000	-8.7063	-0.50000	0.0	0.0	0.0
	-3.00000	21.00000	0.00000	-10.203	-0.50000	0.0	0.0	0.0
	-2.00000	21.00000	0.00000	-12.137	-0.50000	0.0	0.0	0.0
	-1.00000	21.00000	0.00000	-14.504	-0.50000	0.0	0.0	0.0
	0.00000	21.00000	0.00000	-19.865	-0.50000	0.0	0.0	0.0
	1.00000	21.00000	0.00000	-24.942	-0.50000	0.0	0.0	0.0
	2.00000	21.00000	0.00000	-27.654	-0.50000	0.0	0.0	0.0
	3.00000	21.00000	0.00000	-29.654	-0.50000	0.0	0.0	0.0
	4.00000	21.00000	0.00000	-31.229	-0.50000	0.0	0.0	0.0
	5.00000	21.00000	0.00000	-32.513	-0.50000	0.0	0.0	0.0
	6.00000	21.00000	0.00000	-33.582	-0.50000	0.0	0.0	0.0
	7.00000	21.00000	0.00000	-34.484	-0.50000	0.0	0.0	0.0
	8.00000	21.00000	0.00000	-35.253	-0.50000	0.0	0.0	0.0
	9.00000	21.00000	0.00000	-35.912	-0.50000	0.0	0.0	0.0
	10.00000	21.00000	0.00000	-36.479	-0.50000	0.0	0.0	0.0
	11.00000	21.00000	0.00000	-36.968	-0.50000	0.0	0.0	0.0
	12.00000	21.00000	0.00000	-37.390	-0.50000	0.0	0.0	0.0
	13.00000	21.00000	0.00000	-37.753	-0.50000	0.0	0.0	0.0
	14.00000	21.00000	0.00000	-38.064	-0.50000	0.0	0.0	0.0
	15.00000	21.00000	0.00000	-38.327	-0.50000	0.0	0.0	0.0
	16.00000	21.00000	0.00000	-38.548	-0.50000	0.0	0.0	0.0
	17.00000	21.00000	0.00000	-38.729	-0.50000	0.0	0.0	0.0
	18.00000	21.00000	0.00000	-38.872	-0.50000	0.0	0.0	0.0
	19.00000	21.00000	0.00000	-38.976	-0.50000	0.0	0.0	0.0
	20.00000	21.00000	0.00000	-39.043	-0.50000	0.0	0.0	0.0
	21.00000	21.00000	0.00000	-39.069	-0.50000	0.0	0.0	0.0
	22.00000	21.00000	0.00000	-39.053	-0.50000	0.0	0.0	0.0
	23.00000	21.00000	0.00000	-38.990	-0.50000	0.0	0.0	0.0
	24.00000	21.00000	0.00000	-38.877	-0.50000	0.0	0.0	0.0
	25.00000	21.00000	0.00000	-38.707	-0.50000	0.0	0.0	0.0
	26.00000	21.00000	0.00000	-38.478	-0.50000	0.0	0.0	0.0
	27.00000	21.00000	0.00000	-38.172	-0.50000	0.0	0.0	0.0
	28.00000	21.00000	0.00000	-37.792	-0.50000	0.0	0.0	0.0
	29.00000	21.00000	0.00000	-37.321	-0.50000	0.0	0.0	0.0
	30.00000	21.00000	0.00000	-36.748	-0.50000	0.0	0.0	0.0
	31.00000	21.00000	0.00000	-36.053	-0.50000	0.0	0.0	0.0
	32.00000	21.00000	0.00000	-35.213	-0.50000	0.0	0.0	0.0
	33.00000	21.00000	0.00000	-34.192	-0.50000	0.0	0.0	0.0
	34.00000	21.00000	0.00000	-32.941	-0.50000	0.0	0.0	0.0
	35.00000	21.00000	0.00000	-31.379	-0.50000	0.0	0.0	0.0
	36.00000	21.00000	0.00000	-29.369	-0.50000	0.0	0.0	0.0
	37.00000	21.00000	0.00000	-26.621	-0.50000	0.0	0.0	0.0
	38.00000	21.00000	0.00000	-21.483	-0.50000	0.0	0.0	0.0
	39.00000	21.00000	0.00000	-16.338	-0.50000	0.0	0.0	0.0
	40.00000	21.00000	0.00000	-13.572	-0.50000	0.0	0.0	0.0
	41.00000	21.00000	0.00000	-11.532	-0.50000	0.0	0.0	0.0
	42.00000	21.00000	0.00000	-9.9290	-0.50000	0.0	0.0	0.0
	43.00000	21.00000	0.00000	-8.6229	-0.50000	0.0	0.0	0.0
	44.00000	21.00000	0.00000	-7.5343	-0.50000	0.0	0.0	0.0
	45.00000	21.00000	0.00000	-6.6121	-0.50000	0.0	0.0	0.0
	46.00000	21.00000	0.00000	-5.8212	-0.50000	0.0	0.0	0.0
	47.00000	21.00000	0.00000	-5.1364	-0.50000	0.0	0.0	0.0
	48.00000	21.00000	0.00000	-4.5389	-0.50000	0.0	0.0	0.0
	49.00000	21.00000	0.00000	-4.0142	-0.50000	0.0	0.0	0.0
	50.00000	21.00000	0.00000	-3.5511	-0.50000	0.0	0.0	0.0
	51.00000	21.00000	0.00000	-3.1404	-0.50000	0.0	0.0	0.0
	52.00000	21.00000	0.00000	-2.7748	-0.50000	0.0	0.0	0.0
	53.00000	21.00000	0.00000	-2.4483	-0.50000	0.0	0.0	0.0
	54.00000	21.00000	0.00000	-2.1558	-0.50000	0.0	0.0	0.0
	55.00000	21.00000	0.00000	-1.8932	-0.50000	0.0	0.0	0.0
	56.00000	21.00000	0.00000	-1.6570	-0.50000	0.0	0.0	0.0
	57.00000	21.00000	0.00000	-1.4441	-0.50000	0.0	0.0	0.0
	58.00000	21.00000	0.00000	-1.2519	-0.50000	0.0	0.0	0.0
	59.00000	21.00000	0.00000	-1.0781	-0.50000	0.0	0.0	0.0
	60.00000	21.00000	0.00000	-0.92086	-0.50000	0.0	0.0	0.0
	20.00000	22.00000	0.00000	-0.95978	-0.50000	0.0	0.0	0.0
	-19.00000	22.00000	0.00000	-1.1229	-0.50000	0.0	0.0	0.0
	-18.00000	22.00000	0.00000	-1.3037	-0.50000	0.0	0.0	0.0
	-17.00000	22.00000	0.00000	-1.5045	-0.50000	0.0	0.0	0.0
	-16.00000	22.00000	0.00000	-1.7279	-0.50000	0.0	0.0	0.0
	-15.00000	22.00000	0.00000	-1.9770	-0.50000	0.0	0.0	0.0
	-14.00000	22.00000	0.00000	-2.2555	-0.50000	0.0	0.0	0.0
	-13.00000	22.00000	0.00000	-2.5678	-0.50000	0.0	0.0	0.0
	-12.00000	22.00000	0.00000	-2.9196	-0.50000	0.0	0.0	0.0
	-11.00000	22.00000	0.00000	-3.3173	-0.50000	0.0	0.0	0.0
	-10.00000	22.00000	0.00000	-3.7695	-0.50000	0.0	0.0	0.0
	-9.00000	22.00000	0.00000	-4.2867	-0.50000	0.0	0.0	0.0
	-8.00000	22.00000	0.00000	-4.8830	-0.50000	0.0	0.0	0.0
	-7.00000	22.00000	0.00000	-5.5767	-0.50000	0.0	0.0	0.0
	-6.00000	22.00000	0.00000	-6.3930	-0.50000	0.0	0.0	0.0
	-5.00000	22.00000	0.00000	-7.3673	-0.50000	0.0	0.0	0.0
	-4.00000	22.00000	0.00000	-8.5519	-0.50000	0.0	0.0	0.0
	-3.00000	22.00000	0.00000	-10.029	-0.50000	0.0	0.0	0.0
	-2.00000	22.00000	0.00000	-11.942	-0.50000	0.0	0.0	0.0
	-1.00000	22.00000	0.00000	-14.585	-0.50000	0.0	0.0	0.0
	0.00000	22.00000	0.00000	-19.617	-0.50000	0.0	0.0	0.0
	1.00000	22.00000	0.00000	-24.658	-0.50000	0.0	0.0	0.0
	2.00000	22.00000	0.00000	-27.330	-0.50000	0.0	0.0	0.0
	3.00000	22.00000	0.00000	-29.286	-0.50000	0.0	0.0	0.0
	4.00000	22.00000	0.00000	-30.616	-0.50000	0.0	0.0	0.0
	5.00000	22.00000	0.00000	-32.058	-0.50000	0.0	0.0	0.0
	6.00000	22.00000	0.00000	-33.089	-0.50000	0.0	0.0	0.0
	7.00000	22.00000	0.00000	-33.858	-0.50000	0.0	0.0	0.0
	8.00000	22.00000	0.00000	-34.698	-0.50000	0.0	0.0	0.0
	9.00000	22.00000	0.00000	-35.334	-0.50000	0.0	0.0	0.0
	10.00000	22.00000	0.00000	-35.882	-0.50000	0.0	0.0	0.0
	11.00000	22.00000	0.00000	-36.356	-0.50000	0.0	0.0	0.0
	12.00000	22.00000	0.00000	-36.766	-0.50000	0.0	0.0	0.0
	13.00000	22.00000	0.00000	-37.121	-0.50000	0.0	0.0	0.0
	14.00000	22.00000	0.00000	-37.428	-0.50000	0.0	0.0	0.0
	15.00000	22.00000	0.00000	-37.690	-0.50000	0.0	0.0	0.0
	16.00000	22.00000	0.00000	-37.913	-0.50000	0.0	0.0	0.0
	17.00000	22.00000	0.00000	-38.100	-0.50000	0.0	0.0	0.0
	18.00000	22.00000	0.00000	-38.251	-0.50000	0.0	0.0	0.0
	19.00000	22.00000	0.00000	-38.368	-0.50000	0.0	0.0	0.0
	20.00000	22.00000	0.00000	-38.450	-0.50000	0.0	0.0	0.0
	21.00000	22.00000	0.00000	-38.494	-0.50000	0.0	0.0	0.0
	22.00000	22.00000	0.00000	-38.498	-0.50000	0.0	0.0	0.



73-75 Avenue Road, NW8

Short-term Heave

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



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	51.00000	27.00000	0.00000	-2.6672	-0.50000	0.0	0.0	0.0
	52.00000	27.00000	0.00000	-2.3564	-0.50000	0.0	0.0	0.0
	53.00000	27.00000	0.00000	-2.0779	-0.50000	0.0	0.0	0.0
	54.00000	27.00000	0.00000	-1.8276	-0.50000	0.0	0.0	0.0
	55.00000	27.00000	0.00000	-1.6021	-0.50000	0.0	0.0	0.0
	56.00000	27.00000	0.00000	-1.3985	-0.50000	0.0	0.0	0.0
	57.00000	27.00000	0.00000	-1.2144	-0.50000	0.0	0.0	0.0
	58.00000	27.00000	0.00000	-1.0475	-0.50000	0.0	0.0	0.0
	59.00000	27.00000	0.00000	-0.89626	-0.50000	0.0	0.0	0.0
	60.00000	27.00000	0.00000	-0.75894	-0.50000	0.0	0.0	0.0
	-20.00000	28.00000	0.00000	-0.75605	-0.50000	0.0	0.0	0.0
	19.00000	28.00000	0.00000	-0.89306	-0.50000	0.0	0.0	0.0
	-18.00000	28.00000	0.00000	-1.0441	-0.50000	0.0	0.0	0.0
	-17.00000	28.00000	0.00000	-1.2108	-0.50000	0.0	0.0	0.0
	-16.00000	28.00000	0.00000	-1.3950	-0.50000	0.0	0.0	0.0
	-15.00000	28.00000	0.00000	-1.5989	-0.50000	0.0	0.0	0.0
	-14.00000	28.00000	0.00000	-1.8251	-0.50000	0.0	0.0	0.0
	-13.00000	28.00000	0.00000	-2.0767	-0.50000	0.0	0.0	0.0
	-12.00000	28.00000	0.00000	-2.3572	-0.50000	0.0	0.0	0.0
	-11.00000	28.00000	0.00000	-2.6712	-0.50000	0.0	0.0	0.0
	-10.00000	28.00000	0.00000	-3.0242	-0.50000	0.0	0.0	0.0
	-9.00000	28.00000	0.00000	-3.4229	-0.50000	0.0	0.0	0.0
	-8.00000	28.00000	0.00000	-3.8763	-0.50000	0.0	0.0	0.0
	-7.00000	28.00000	0.00000	-4.3961	-0.50000	0.0	0.0	0.0
	-6.00000	28.00000	0.00000	-4.9979	-0.50000	0.0	0.0	0.0
	-5.00000	28.00000	0.00000	-5.7046	-0.50000	0.0	0.0	0.0
	-4.00000	28.00000	0.00000	-6.5502	-0.50000	0.0	0.0	0.0
	-3.00000	28.00000	0.00000	-7.5911	-0.50000	0.0	0.0	0.0
	-2.00000	28.00000	0.00000	-8.9332	-0.50000	0.0	0.0	0.0
	-1.00000	28.00000	0.00000	-10.824	-0.50000	0.0	0.0	0.0
	0.00000	28.00000	0.00000	-14.914	-0.50000	0.0	0.0	0.0
	1.00000	28.00000	0.00000	-19.004	-0.50000	0.0	0.0	0.0
	2.00000	28.00000	0.00000	-20.839	-0.50000	0.0	0.0	0.0
	3.00000	28.00000	0.00000	-22.246	-0.50000	0.0	0.0	0.0
	4.00000	28.00000	0.00000	-23.294	-0.50000	0.0	0.0	0.0
	5.00000	28.00000	0.00000	-24.148	-0.50000	0.0	0.0	0.0
	6.00000	28.00000	0.00000	-24.864	-0.50000	0.0	0.0	0.0
	7.00000	28.00000	0.00000	-25.476	-0.50000	0.0	0.0	0.0
	8.00000	28.00000	0.00000	-26.006	-0.50000	0.0	0.0	0.0
	9.00000	28.00000	0.00000	-26.469	-0.50000	0.0	0.0	0.0
	10.00000	28.00000	0.00000	-26.879	-0.50000	0.0	0.0	0.0
	11.00000	28.00000	0.00000	-27.245	-0.50000	0.0	0.0	0.0
	12.00000	28.00000	0.00000	-27.573	-0.50000	0.0	0.0	0.0
	13.00000	28.00000	0.00000	-27.872	-0.50000	0.0	0.0	0.0
	14.00000	28.00000	0.00000	-28.148	-0.50000	0.0	0.0	0.0
	15.00000	28.00000	0.00000	-28.408	-0.50000	0.0	0.0	0.0
	16.00000	28.00000	0.00000	-28.662	-0.50000	0.0	0.0	0.0
	17.00000	28.00000	0.00000	-28.920	-0.50000	0.0	0.0	0.0
	18.00000	28.00000	0.00000	-29.198	-0.50000	0.0	0.0	0.0
	19.00000	28.00000	0.00000	-29.518	-0.50000	0.0	0.0	0.0
	20.00000	28.00000	0.00000	-29.816	-0.50000	0.0	0.0	0.0
	21.00000	28.00000	0.00000	-30.438	-0.50000	0.0	0.0	0.0
	22.00000	28.00000	0.00000	-31.097	-0.50000	0.0	0.0	0.0
	23.00000	28.00000	0.00000	-31.720	-0.50000	0.0	0.0	0.0
	24.00000	28.00000	0.00000	-32.133	-0.50000	0.0	0.0	0.0
	25.00000	28.00000	0.00000	-32.347	-0.50000	0.0	0.0	0.0
	26.00000	28.00000	0.00000	-32.406	-0.50000	0.0	0.0	0.0
	27.00000	28.00000	0.00000	-32.440	-0.50000	0.0	0.0	0.0
	28.00000	28.00000	0.00000	-32.163	-0.50000	0.0	0.0	0.0
	29.00000	28.00000	0.00000	-31.882	-0.50000	0.0	0.0	0.0
	30.00000	28.00000	0.00000	-31.496	-0.50000	0.0	0.0	0.0
	31.00000	28.00000	0.00000	-30.994	-0.50000	0.0	0.0	0.0
	32.00000	28.00000	0.00000	-30.361	-0.50000	0.0	0.0	0.0
	33.00000	28.00000	0.00000	-29.566	-0.50000	0.0	0.0	0.0
	34.00000	28.00000	0.00000	-28.566	-0.50000	0.0	0.0	0.0
	35.00000	28.00000	0.00000	-27.283	-0.50000	0.0	0.0	0.0
	36.00000	28.00000	0.00000	-25.579	-0.50000	0.0	0.0	0.0
	37.00000	28.00000	0.00000	-23.160	-0.50000	0.0	0.0	0.0
	38.00000	28.00000	0.00000	-18.365	-0.50000	0.0	0.0	0.0
	39.00000	28.00000	0.00000	-13.562	-0.50000	0.0	0.0	0.0
	40.00000	28.00000	0.00000	-11.122	-0.50000	0.0	0.0	0.0
	41.00000	28.00000	0.00000	-9.3825	-0.50000	0.0	0.0	0.0
	42.00000	28.00000	0.00000	-8.0480	-0.50000	0.0	0.0	0.0
	43.00000	28.00000	0.00000	-6.9791	-0.50000	0.0	0.0	0.0
	44.00000	28.00000	0.00000	-6.0978	-0.50000	0.0	0.0	0.0
	45.00000	28.00000	0.00000	-5.3557	-0.50000	0.0	0.0	0.0
	46.00000	28.00000	0.00000	-4.7210	-0.50000	0.0	0.0	0.0
	47.00000	28.00000	0.00000	-4.1717	-0.50000	0.0	0.0	0.0
	48.00000	28.00000	0.00000	-3.6916	-0.50000	0.0	0.0	0.0
	49.00000	28.00000	0.00000	-3.2690	-0.50000	0.0	0.0	0.0
	50.00000	28.00000	0.00000	-2.8945	-0.50000	0.0	0.0	0.0
	51.00000	28.00000	0.00000	-2.5631	-0.50000	0.0	0.0	0.0
	52.00000	28.00000	0.00000	-2.2629	-0.50000	0.0	0.0	0.0
	53.00000	28.00000	0.00000	-1.9954	-0.50000	0.0	0.0	0.0
	54.00000	28.00000	0.00000	-1.7546	-0.50000	0.0	0.0	0.0
	55.00000	28.00000	0.00000	-1.5374	-0.50000	0.0	0.0	0.0
	56.00000	28.00000	0.00000	-1.3411	-0.50000	0.0	0.0	0.0
	57.00000	28.00000	0.00000	-1.1634	-0.50000	0.0	0.0	0.0
	58.00000	28.00000	0.00000	-1.0022	-0.50000	0.0	0.0	0.0
	59.00000	28.00000	0.00000	-0.85592	-0.50000	0.0	0.0	0.0
	60.00000	28.00000	0.00000	-0.72300	-0.50000	0.0	0.0	0.0
	29.00000	29.00000	0.00000	-0.71304	-0.50000	0.0	0.0	0.0
	-19.00000	29.00000	0.00000	-0.84454	-0.50000	0.0	0.0	0.0
	-18.00000	29.00000	0.00000	-0.98928	-0.50000	0.0	0.0	0.0
	-17.00000	29.00000	0.00000	-1.1487	-0.50000	0.0	0.0	0.0
	-16.00000	29.00000	0.00000	-1.3246	-0.50000	0.0	0.0	0.0
	-15.00000	29.00000	0.00000	-1.5190	-0.50000	0.0	0.0	0.0
	-14.00000	29.00000	0.00000	-1.7340	-0.50000	0.0	0.0	0.0
	-13.00000	29.00000	0.00000	-1.9725	-0.50000	0.0	0.0	0.0
	-12.00000	29.00000	0.00000	-2.2376	-0.50000	0.0	0.0	0.0
	-11.00000	29.00000	0.00000	-2.5333	-0.50000	0.0	0.0	0.0
	-10.00000	29.00000	0.00000	-2.8642	-0.50000	0.0	0.0	0.0
	-9.00000	29.00000	0.00000	-3.2363	-0.50000	0.0	0.0	0.0
	-8.00000	29.00000	0.00000	-3.6570	-0.50000	0.0	0.0	0.0
	-7.00000	29.00000	0.00000	-4.1357	-0.50000	0.0	0.0	0.0
	-6.00000	29.00000	0.00000	-4.6852	-0.50000	0.0	0.0	0.0
	-5.00000	29.00000	0.00000	-5.3231	-0.50000	0.0	0.0	0.0
	-4.00000	29.00000	0.00000	-6.0749	-0.50000	0.0	0.0	0.0
	-3.00000	29.00000	0.00000	-6.9804	-0.50000	0.0	0.0	0.0
	-2.00000	29.00000	0.00000	-8.1090	-0.50000	0.0	0.0	0.0
	-1.00000	29.00000	0.00000	-9.6051	-0.50000	0.0	0.0	0.0
	0.00000	29.00000	0.00000	-12.295	-0.50000	0.0	0.0	0.0
	1.00000	29.00000	0.00000	-14.945	-0.50000	0.0	0.0	0.0
	2.00000	29.00000	0.00000	-16.484	-0.50000	0.0	0.0	0.0
	3.00000	29.00000	0.00000	-17.616	-0.50000	0.0	0.0	0.0
	4.00000	29.00000	0.00000	-18.627	-0.50000	0.0	0.0	0.0
	5.00000	29.00000	0.00000	-19.285	-0.50000	0.0	0.0	0.0
	6.00000	29.00000	0.00000	-19.930	-0.50000	0.0	0.0	0.0
	7.00000	29.00000	0.00000	-20.488	-0.50000	0.0	0.0	0.0
	8.00000	29.00000	0.00000	-20.975	-0.50000	0.0	0.0	0.0
	9.00000	29.00000	0.00000	-21.405	-0.50000	0.0	0.0	0.0
	10.00000	29.00000	0.00000	-21.788	-0.50000	0.0	0.0	0.0
	11.00000	29.00000	0.00000	-22.131	-0.50000	0.0	0.0	0.0
	12.00000	29.00000	0.00000	-22.443	-0.50000	0.0	0.0	0.0
	13.00000	29.00000	0.00000	-22.729	-0.50000	0.0	0.0	0.0
	14.00000	29.00000	0.00000	-22.997	-0.50000	0.0	0.0	0.0
	15.00000	29.00000	0.00000	-23.254	-0.50000	0.0	0.0	0.0
	16.00000	29.00000	0.00000	-23.510	-0.50000	0.0	0.0	0.0
	17.00000	29.00000	0.00000	-23.779	-0.50000	0.0	0.0	0.0
	18.00000	29.00000	0.00000	-24.081	-0.50000	0.0	0.0	0.0
	19.00000	29.00000	0.00000	-24.453	-0.50000	0.0	0.0	



73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		Vert Strain [-]
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	
9.00000	31.00000	0.00000	-13.622	-0.50000	0.0	0.0	0.0	
10.00000	31.00000	0.00000	-13.949	-0.50000	0.0	0.0	0.0	
11.00000	31.00000	0.00000	-14.248	-0.50000	0.0	0.0	0.0	
12.00000	31.00000	0.00000	-14.524	-0.50000	0.0	0.0	0.0	
13.00000	31.00000	0.00000	-14.781	-0.50000	0.0	0.0	0.0	
14.00000	31.00000	0.00000	-15.026	-0.50000	0.0	0.0	0.0	
15.00000	31.00000	0.00000	-15.267	-0.50000	0.0	0.0	0.0	
16.00000	31.00000	0.00000	-15.513	-0.50000	0.0	0.0	0.0	
17.00000	31.00000	0.00000	-15.780	-0.50000	0.0	0.0	0.0	
18.00000	31.00000	0.00000	-16.093	-0.50000	0.0	0.0	0.0	
19.00000	31.00000	0.00000	-16.495	-0.50000	0.0	0.0	0.0	
20.00000	31.00000	0.00000	-17.083	-0.50000	0.0	0.0	0.0	
21.00000	31.00000	0.00000	-18.100	-0.50000	0.0	0.0	0.0	
22.00000	31.00000	0.00000	-21.220	-0.50000	0.0	0.0	0.0	
23.00000	31.00000	0.00000	-24.309	-0.50000	0.0	0.0	0.0	
24.00000	31.00000	0.00000	-25.236	-0.50000	0.0	0.0	0.0	
25.00000	31.00000	0.00000	-25.671	-0.50000	0.0	0.0	0.0	
26.00000	31.00000	0.00000	-25.856	-0.50000	0.0	0.0	0.0	
27.00000	31.00000	0.00000	-25.883	-0.50000	0.0	0.0	0.0	
28.00000	31.00000	0.00000	-25.792	-0.50000	0.0	0.0	0.0	
29.00000	31.00000	0.00000	-25.601	-0.50000	0.0	0.0	0.0	
30.00000	31.00000	0.00000	-25.315	-0.50000	0.0	0.0	0.0	
31.00000	31.00000	0.00000	-24.934	-0.50000	0.0	0.0	0.0	
32.00000	31.00000	0.00000	-24.446	-0.50000	0.0	0.0	0.0	
33.00000	31.00000	0.00000	-23.835	-0.50000	0.0	0.0	0.0	
34.00000	31.00000	0.00000	-23.070	-0.50000	0.0	0.0	0.0	
35.00000	31.00000	0.00000	-22.097	-0.50000	0.0	0.0	0.0	
36.00000	31.00000	0.00000	-20.813	-0.50000	0.0	0.0	0.0	
37.00000	31.00000	0.00000	-18.971	-0.50000	0.0	0.0	0.0	
38.00000	31.00000	0.00000	-14.924	-0.50000	0.0	0.0	0.0	
39.00000	31.00000	0.00000	-10.870	-0.50000	0.0	0.0	0.0	
40.00000	31.00000	0.00000	-9.0079	-0.50000	0.0	0.0	0.0	
41.00000	31.00000	0.00000	-7.6881	-0.50000	0.0	0.0	0.0	
42.00000	31.00000	0.00000	-6.6642	-0.50000	0.0	0.0	0.0	
43.00000	31.00000	0.00000	-5.8312	-0.50000	0.0	0.0	0.0	
44.00000	31.00000	0.00000	-5.1332	-0.50000	0.0	0.0	0.0	
45.00000	31.00000	0.00000	-4.5368	-0.50000	0.0	0.0	0.0	
46.00000	31.00000	0.00000	-4.0200	-0.50000	0.0	0.0	0.0	
47.00000	31.00000	0.00000	-3.5675	-0.50000	0.0	0.0	0.0	
48.00000	31.00000	0.00000	-3.1678	-0.50000	0.0	0.0	0.0	
49.00000	31.00000	0.00000	-2.8127	-0.50000	0.0	0.0	0.0	
50.00000	31.00000	0.00000	-2.4954	-0.50000	0.0	0.0	0.0	
51.00000	31.00000	0.00000	-2.2108	-0.50000	0.0	0.0	0.0	
52.00000	31.00000	0.00000	-1.9546	-0.50000	0.0	0.0	0.0	
53.00000	31.00000	0.00000	-1.7233	-0.50000	0.0	0.0	0.0	
54.00000	31.00000	0.00000	-1.5140	-0.50000	0.0	0.0	0.0	
55.00000	31.00000	0.00000	-1.3243	-0.50000	0.0	0.0	0.0	
56.00000	31.00000	0.00000	-1.1520	-0.50000	0.0	0.0	0.0	
57.00000	31.00000	0.00000	-0.99527	-0.50000	0.0	0.0	0.0	
58.00000	31.00000	0.00000	-0.85265	-0.50000	0.0	0.0	0.0	
59.00000	31.00000	0.00000	-0.72272	-0.50000	0.0	0.0	0.0	
60.00000	31.00000	0.00000	-0.60429	-0.50000	0.0	0.0	0.0	
-20.00000	32.00000	0.00000	-0.57485	-0.50000	0.0	0.0	0.0	
-19.00000	32.00000	0.00000	-0.68891	-0.50000	0.0	0.0	0.0	
-18.00000	32.00000	0.00000	-0.81378	-0.50000	0.0	0.0	0.0	
-17.00000	32.00000	0.00000	-0.95053	-0.50000	0.0	0.0	0.0	
-16.00000	32.00000	0.00000	-1.10004	-0.50000	0.0	0.0	0.0	
-15.00000	32.00000	0.00000	-1.26466	-0.50000	0.0	0.0	0.0	
-14.00000	32.00000	0.00000	-1.4448	-0.50000	0.0	0.0	0.0	
-13.00000	32.00000	0.00000	-1.6427	-0.50000	0.0	0.0	0.0	
-12.00000	32.00000	0.00000	-1.8603	-0.50000	0.0	0.0	0.0	
-11.00000	32.00000	0.00000	-2.0998	-0.50000	0.0	0.0	0.0	
-10.00000	32.00000	0.00000	-2.3638	-0.50000	0.0	0.0	0.0	
-9.00000	32.00000	0.00000	-2.6554	-0.50000	0.0	0.0	0.0	
-8.00000	32.00000	0.00000	-2.9778	-0.50000	0.0	0.0	0.0	
-7.00000	32.00000	0.00000	-3.3352	-0.50000	0.0	0.0	0.0	
-6.00000	32.00000	0.00000	-3.7319	-0.50000	0.0	0.0	0.0	
-5.00000	32.00000	0.00000	-4.1728	-0.50000	0.0	0.0	0.0	
-4.00000	32.00000	0.00000	-4.6630	-0.50000	0.0	0.0	0.0	
-3.00000	32.00000	0.00000	-5.2066	-0.50000	0.0	0.0	0.0	
-2.00000	32.00000	0.00000	-5.8049	-0.50000	0.0	0.0	0.0	
-1.00000	32.00000	0.00000	-6.4520	-0.50000	0.0	0.0	0.0	
0.00000	32.00000	0.00000	-7.1296	-0.50000	0.0	0.0	0.0	
1.00000	32.00000	0.00000	-7.8076	-0.50000	0.0	0.0	0.0	
2.00000	32.00000	0.00000	-8.4557	-0.50000	0.0	0.0	0.0	
3.00000	32.00000	0.00000	-9.0558	-0.50000	0.0	0.0	0.0	
4.00000	32.00000	0.00000	-9.6018	-0.50000	0.0	0.0	0.0	
5.00000	32.00000	0.00000	-10.095	-0.50000	0.0	0.0	0.0	
6.00000	32.00000	0.00000	-10.540	-0.50000	0.0	0.0	0.0	
7.00000	32.00000	0.00000	-10.941	-0.50000	0.0	0.0	0.0	
8.00000	32.00000	0.00000	-11.304	-0.50000	0.0	0.0	0.0	
9.00000	32.00000	0.00000	-11.634	-0.50000	0.0	0.0	0.0	
10.00000	32.00000	0.00000	-11.935	-0.50000	0.0	0.0	0.0	
11.00000	32.00000	0.00000	-12.211	-0.50000	0.0	0.0	0.0	
12.00000	32.00000	0.00000	-12.467	-0.50000	0.0	0.0	0.0	
13.00000	32.00000	0.00000	-12.708	-0.50000	0.0	0.0	0.0	
14.00000	32.00000	0.00000	-12.939	-0.50000	0.0	0.0	0.0	
15.00000	32.00000	0.00000	-13.167	-0.50000	0.0	0.0	0.0	
16.00000	32.00000	0.00000	-13.401	-0.50000	0.0	0.0	0.0	
17.00000	32.00000	0.00000	-13.653	-0.50000	0.0	0.0	0.0	
18.00000	32.00000	0.00000	-13.945	-0.50000	0.0	0.0	0.0	
19.00000	32.00000	0.00000	-14.312	-0.50000	0.0	0.0	0.0	
20.00000	32.00000	0.00000	-14.822	-0.50000	0.0	0.0	0.0	
21.00000	32.00000	0.00000	-15.625	-0.50000	0.0	0.0	0.0	
22.00000	32.00000	0.00000	-17.563	-0.50000	0.0	0.0	0.0	
23.00000	32.00000	0.00000	-19.473	-0.50000	0.0	0.0	0.0	
24.00000	32.00000	0.00000	-20.191	-0.50000	0.0	0.0	0.0	
25.00000	32.00000	0.00000	-20.559	-0.50000	0.0	0.0	0.0	
26.00000	32.00000	0.00000	-20.724	-0.50000	0.0	0.0	0.0	
27.00000	32.00000	0.00000	-20.752	-0.50000	0.0	0.0	0.0	
28.00000	32.00000	0.00000	-20.673	-0.50000	0.0	0.0	0.0	
29.00000	32.00000	0.00000	-20.503	-0.50000	0.0	0.0	0.0	
30.00000	32.00000	0.00000	-20.247	-0.50000	0.0	0.0	0.0	
31.00000	32.00000	0.00000	-19.905	-0.50000	0.0	0.0	0.0	
32.00000	32.00000	0.00000	-19.469	-0.50000	0.0	0.0	0.0	
33.00000	32.00000	0.00000	-18.927	-0.50000	0.0	0.0	0.0	
34.00000	32.00000	0.00000	-18.256	-0.50000	0.0	0.0	0.0	
35.00000	32.00000	0.00000	-17.420	-0.50000	0.0	0.0	0.0	
36.00000	32.00000	0.00000	-16.350	-0.50000	0.0	0.0	0.0	
37.00000	32.00000	0.00000	-14.904	-0.50000	0.0	0.0	0.0	
38.00000	32.00000	0.00000	-12.258	-0.50000	0.0	0.0	0.0	
39.00000	32.00000	0.00000	-9.6057	-0.50000	0.0	0.0	0.0	
40.00000	32.00000	0.00000	-8.1397	-0.50000	0.0	0.0	0.0	
41.00000	32.00000	0.00000	-7.0353	-0.50000	0.0	0.0	0.0	
42.00000	32.00000	0.00000						



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	48.00000	34.00000	0.00000	-2.6057	-0.50000	0.0	0.0	0.0
	49.00000	34.00000	0.00000	-2.3228	-0.50000	0.0	0.0	0.0
	50.00000	34.00000	0.00000	-2.0666	-0.50000	0.0	0.0	0.0
	51.00000	34.00000	0.00000	-1.8340	-0.50000	0.0	0.0	0.0
	52.00000	34.00000	0.00000	-1.6224	-0.50000	0.0	0.0	0.0
	53.00000	34.00000	0.00000	-1.4297	-0.50000	0.0	0.0	0.0
	54.00000	34.00000	0.00000	-1.2539	-0.50000	0.0	0.0	0.0
	55.00000	34.00000	0.00000	-1.0934	-0.50000	0.0	0.0	0.0
	56.00000	34.00000	0.00000	-0.94659	-0.50000	0.0	0.0	0.0
	57.00000	34.00000	0.00000	-0.81252	-0.50000	0.0	0.0	0.0
	58.00000	34.00000	0.00000	-0.68976	-0.50000	0.0	0.0	0.0
	59.00000	34.00000	0.00000	-0.57741	-0.50000	0.0	0.0	0.0
	60.00000	34.00000	0.00000	-0.47456	-0.50000	0.0	0.0	0.0
	-20.00000	35.00000	0.00000	-0.42985	-0.50000	0.0	0.0	0.0
	-19.00000	35.00000	0.00000	-0.52624	-0.50000	0.0	0.0	0.0
	-18.00000	35.00000	0.00000	-0.63110	-0.50000	0.0	0.0	0.0
	-17.00000	35.00000	0.00000	-0.74516	-0.50000	0.0	0.0	0.0
	-16.00000	35.00000	0.00000	-0.86918	-0.50000	0.0	0.0	0.0
	-15.00000	35.00000	0.00000	-1.0040	-0.50000	0.0	0.0	0.0
	-14.00000	35.00000	0.00000	-1.1504	-0.50000	0.0	0.0	0.0
	-13.00000	35.00000	0.00000	-1.3096	-0.50000	0.0	0.0	0.0
	-12.00000	35.00000	0.00000	-1.4823	-0.50000	0.0	0.0	0.0
	-11.00000	35.00000	0.00000	-1.6699	-0.50000	0.0	0.0	0.0
	-10.00000	35.00000	0.00000	-1.8733	-0.50000	0.0	0.0	0.0
	-9.00000	35.00000	0.00000	-2.0937	-0.50000	0.0	0.0	0.0
	-8.00000	35.00000	0.00000	-2.3323	-0.50000	0.0	0.0	0.0
	-7.00000	35.00000	0.00000	-2.5901	-0.50000	0.0	0.0	0.0
	-6.00000	35.00000	0.00000	-2.8679	-0.50000	0.0	0.0	0.0
	-5.00000	35.00000	0.00000	-3.1660	-0.50000	0.0	0.0	0.0
	-4.00000	35.00000	0.00000	-3.4842	-0.50000	0.0	0.0	0.0
	-3.00000	35.00000	0.00000	-3.8213	-0.50000	0.0	0.0	0.0
	-2.00000	35.00000	0.00000	-4.1746	-0.50000	0.0	0.0	0.0
	-1.00000	35.00000	0.00000	-4.5401	-0.50000	0.0	0.0	0.0
	0.00000	35.00000	0.00000	-4.9121	-0.50000	0.0	0.0	0.0
	1.00000	35.00000	0.00000	-5.2843	-0.50000	0.0	0.0	0.0
	2.00000	35.00000	0.00000	-5.6502	-0.50000	0.0	0.0	0.0
	3.00000	35.00000	0.00000	-6.0142	-0.50000	0.0	0.0	0.0
	4.00000	35.00000	0.00000	-6.3422	-0.50000	0.0	0.0	0.0
	5.00000	35.00000	0.00000	-6.6618	-0.50000	0.0	0.0	0.0
	6.00000	35.00000	0.00000	-6.9637	-0.50000	0.0	0.0	0.0
	7.00000	35.00000	0.00000	-7.2419	-0.50000	0.0	0.0	0.0
	8.00000	35.00000	0.00000	-7.5029	-0.50000	0.0	0.0	0.0
	9.00000	35.00000	0.00000	-7.7460	-0.50000	0.0	0.0	0.0
	10.00000	35.00000	0.00000	-7.9725	-0.50000	0.0	0.0	0.0
	11.00000	35.00000	0.00000	-8.1844	-0.50000	0.0	0.0	0.0
	12.00000	35.00000	0.00000	-8.3836	-0.50000	0.0	0.0	0.0
	13.00000	35.00000	0.00000	-8.5725	-0.50000	0.0	0.0	0.0
	14.00000	35.00000	0.00000	-8.7539	-0.50000	0.0	0.0	0.0
	15.00000	35.00000	0.00000	-8.9311	-0.50000	0.0	0.0	0.0
	16.00000	35.00000	0.00000	-9.1079	-0.50000	0.0	0.0	0.0
	17.00000	35.00000	0.00000	-9.2799	-0.50000	0.0	0.0	0.0
	18.00000	35.00000	0.00000	-9.4795	-0.50000	0.0	0.0	0.0
	19.00000	35.00000	0.00000	-9.6848	-0.50000	0.0	0.0	0.0
	20.00000	35.00000	0.00000	-9.9084	-0.50000	0.0	0.0	0.0
	21.00000	35.00000	0.00000	-10.148	-0.50000	0.0	0.0	0.0
	22.00000	35.00000	0.00000	-10.390	-0.50000	0.0	0.0	0.0
	23.00000	35.00000	0.00000	-10.610	-0.50000	0.0	0.0	0.0
	24.00000	35.00000	0.00000	-10.783	-0.50000	0.0	0.0	0.0
	25.00000	35.00000	0.00000	-10.896	-0.50000	0.0	0.0	0.0
	26.00000	35.00000	0.00000	-10.945	-0.50000	0.0	0.0	0.0
	27.00000	35.00000	0.00000	-10.931	-0.50000	0.0	0.0	0.0
	28.00000	35.00000	0.00000	-10.859	-0.50000	0.0	0.0	0.0
	29.00000	35.00000	0.00000	-10.730	-0.50000	0.0	0.0	0.0
	30.00000	35.00000	0.00000	-10.546	-0.50000	0.0	0.0	0.0
	31.00000	35.00000	0.00000	-10.308	-0.50000	0.0	0.0	0.0
	32.00000	35.00000	0.00000	-10.013	-0.50000	0.0	0.0	0.0
	33.00000	35.00000	0.00000	-9.6607	-0.50000	0.0	0.0	0.0
	34.00000	35.00000	0.00000	-9.2467	-0.50000	0.0	0.0	0.0
	35.00000	35.00000	0.00000	-8.7691	-0.50000	0.0	0.0	0.0
	36.00000	35.00000	0.00000	-8.2280	-0.50000	0.0	0.0	0.0
	37.00000	35.00000	0.00000	-7.6306	-0.50000	0.0	0.0	0.0
	38.00000	35.00000	0.00000	-6.9963	-0.50000	0.0	0.0	0.0
	39.00000	35.00000	0.00000	-6.3560	-0.50000	0.0	0.0	0.0
	40.00000	35.00000	0.00000	-5.7406	-0.50000	0.0	0.0	0.0
	41.00000	35.00000	0.00000	-5.1491	-0.50000	0.0	0.0	0.0
	42.00000	35.00000	0.00000	-4.6479	-0.50000	0.0	0.0	0.0
	43.00000	35.00000	0.00000	-4.1764	-0.50000	0.0	0.0	0.0
	44.00000	35.00000	0.00000	-3.7508	-0.50000	0.0	0.0	0.0
	45.00000	35.00000	0.00000	-3.3667	-0.50000	0.0	0.0	0.0
	46.00000	35.00000	0.00000	-3.0193	-0.50000	0.0	0.0	0.0
	47.00000	35.00000	0.00000	-2.7047	-0.50000	0.0	0.0	0.0
	48.00000	35.00000	0.00000	-2.4191	-0.50000	0.0	0.0	0.0
	49.00000	35.00000	0.00000	-2.1595	-0.50000	0.0	0.0	0.0
	50.00000	35.00000	0.00000	-1.9231	-0.50000	0.0	0.0	0.0
	51.00000	35.00000	0.00000	-1.7074	-0.50000	0.0	0.0	0.0
	52.00000	35.00000	0.00000	-1.5105	-0.50000	0.0	0.0	0.0
	53.00000	35.00000	0.00000	-1.3305	-0.50000	0.0	0.0	0.0
	54.00000	35.00000	0.00000	-1.1658	-0.50000	0.0	0.0	0.0
	55.00000	35.00000	0.00000	-1.0150	-0.50000	0.0	0.0	0.0
	56.00000	35.00000	0.00000	-0.87681	-0.50000	0.0	0.0	0.0
	57.00000	35.00000	0.00000	-0.75018	-0.50000	0.0	0.0	0.0
	58.00000	35.00000	0.00000	-0.62410	-0.50000	0.0	0.0	0.0
	59.00000	35.00000	0.00000	-0.52766	-0.50000	0.0	0.0	0.0
	60.00000	35.00000	0.00000	-0.43007	-0.50000	0.0	0.0	0.0
	-20.00000	36.00000	0.00000	-0.38144	-0.50000	0.0	0.0	0.0
	-19.00000	36.00000	0.00000	-0.47208	-0.50000	0.0	0.0	0.0
	-18.00000	36.00000	0.00000	-0.57052	-0.50000	0.0	0.0	0.0
	-17.00000	36.00000	0.00000	-0.67732	-0.50000	0.0	0.0	0.0
	-16.00000	36.00000	0.00000	-0.79314	-0.50000	0.0	0.0	0.0
	-15.00000	36.00000	0.00000	-0.91867	-0.50000	0.0	0.0	0.0
	-14.00000	36.00000	0.00000	-1.0546	-0.50000	0.0	0.0	0.0
	-13.00000	36.00000	0.00000	-1.2018	-0.50000	0.0	0.0	0.0
	-12.00000	36.00000	0.00000	-1.3610	-0.50000	0.0	0.0	0.0
	-11.00000	36.00000	0.00000	-1.5330	-0.50000	0.0	0.0	0.0
	-10.00000	36.00000	0.00000	-1.7186	-0.50000	0.0	0.0	0.0
	-9.00000	36.00000	0.00000	-1.9187	-0.50000	0.0	0.0	0.0
	-8.00000	36.00000	0.00000	-2.1339	-0.50000	0.0	0.0	0.0
	-7.00000	36.00000	0.00000	-2.3648	-0.50000	0.0	0.0	0.0
	-6.00000	36.00000	0.00000	-2.6116	-0.50000	0.0	0.0	0.0
	-5.00000	36.00000	0.00000	-2.8744	-0.50000	0.0	0.0	0.0
	-4.00000	36.00000	0.00000	-3.1524	-0.50000	0.0	0.0	0.0
	-3.00000	36.00000	0.00000	-3.4444	-0.50000	0.0	0.0	0.0
	-2.00000	36.00000	0.00000	-3.7481	-0.50000	0.0	0.0	0.0
	-1.00000	36.00000	0.00000	-4.0603	-0.50000	0.0	0.0	0.0
	0.00000	36.00000	0.00000	-4.3770	-0.50000	0.0	0.0	0.0
	1.00000	36.00000	0.00000	-4.6939	-0.50000	0.0	0.0	0.0
	2.00000	36.00000	0.00000	-5.0063	-0.50000	0.0	0.0	0.0
	3.00000	36.00000	0.00000	-5.3104	-0.50000	0.0	0.0	0.0
	4.00000	36.00000	0.00000	-5.6030	-0.50000	0.0	0.0	0.0
	5.00000	36.00000	0.00000	-5.8819	-0.50000	0.0	0.0	0.0
	6.00000	36.00000	0.00000	-6.1459	-0.50000	0.0	0.0	0.0
	7.00000	36.00000	0.00000	-6.3945	-0.50000	0.0	0.0	0.0
	8.00000	36.00000	0.00000	-6.6278	-0.50000	0.0	0.0	0.0
	9.00000	36.00000	0.00000	-6.8463	-0.50000	0.0	0.0	0.0
	10.00000	36.00000	0.00000	-7.0511	-0.50000	0.0	0.0	0.0
	11.00000	36.00000	0.00000	-7.2434	-0.50000	0.0	0.0	0.0
	12.00000	36.00000	0.00000	-7.4246	-0.50000	0.0	0.0	0.0
	13.00000	36.00000	0.00000	-7.5965	-0.50000	0.0	0.0	0.0
	14.00000	36.00000	0.00000	-7.7611	-0.50000	0.0	0.0	0.0
	15.00000	36.00000	0.00000	-7.9206	-0.50000	0.0	0.0	0.0
	16.00000	36.00000	0.00000	-8.0777	-0.50000	0		

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Made by MP	Date 06-Feb-2015	Checked

Name	Location			Stresses				
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
6.00000	38.00000	0.00000	-4.8395	-0.50000	0.0	0.0	0.0	0.0
7.00000	38.00000	0.00000	-5.0358	-0.50000	0.0	0.0	0.0	0.0
8.00000	38.00000	0.00000	-5.2221	-0.50000	0.0	0.0	0.0	0.0
9.00000	38.00000	0.00000	-5.3982	-0.50000	0.0	0.0	0.0	0.0
10.00000	38.00000	0.00000	-5.5645	-0.50000	0.0	0.0	0.0	0.0
11.00000	38.00000	0.00000	-5.7214	-0.50000	0.0	0.0	0.0	0.0
12.00000	38.00000	0.00000	-5.8697	-0.50000	0.0	0.0	0.0	0.0
13.00000	38.00000	0.00000	-6.0100	-0.50000	0.0	0.0	0.0	0.0
14.00000	38.00000	0.00000	-6.1433	-0.50000	0.0	0.0	0.0	0.0
15.00000	38.00000	0.00000	-6.2705	-0.50000	0.0	0.0	0.0	0.0
16.00000	38.00000	0.00000	-6.3925	-0.50000	0.0	0.0	0.0	0.0
17.00000	38.00000	0.00000	-6.5101	-0.50000	0.0	0.0	0.0	0.0
18.00000	38.00000	0.00000	-6.6234	-0.50000	0.0	0.0	0.0	0.0
19.00000	38.00000	0.00000	-6.7324	-0.50000	0.0	0.0	0.0	0.0
20.00000	38.00000	0.00000	-6.8355	-0.50000	0.0	0.0	0.0	0.0
21.00000	38.00000	0.00000	-6.9304	-0.50000	0.0	0.0	0.0	0.0
22.00000	38.00000	0.00000	-7.0133	-0.50000	0.0	0.0	0.0	0.0
23.00000	38.00000	0.00000	-7.0796	-0.50000	0.0	0.0	0.0	0.0
24.00000	38.00000	0.00000	-7.1246	-0.50000	0.0	0.0	0.0	0.0
25.00000	38.00000	0.00000	-7.1445	-0.50000	0.0	0.0	0.0	0.0
26.00000	38.00000	0.00000	-7.1362	-0.50000	0.0	0.0	0.0	0.0
27.00000	38.00000	0.00000	-7.0980	-0.50000	0.0	0.0	0.0	0.0
28.00000	38.00000	0.00000	-7.0289	-0.50000	0.0	0.0	0.0	0.0
29.00000	38.00000	0.00000	-6.9284	-0.50000	0.0	0.0	0.0	0.0
30.00000	38.00000	0.00000	-6.7966	-0.50000	0.0	0.0	0.0	0.0
31.00000	38.00000	0.00000	-6.6335	-0.50000	0.0	0.0	0.0	0.0
32.00000	38.00000	0.00000	-6.4397	-0.50000	0.0	0.0	0.0	0.0
33.00000	38.00000	0.00000	-6.2158	-0.50000	0.0	0.0	0.0	0.0
34.00000	38.00000	0.00000	-5.9632	-0.50000	0.0	0.0	0.0	0.0
35.00000	38.00000	0.00000	-5.6841	-0.50000	0.0	0.0	0.0	0.0
36.00000	38.00000	0.00000	-5.3819	-0.50000	0.0	0.0	0.0	0.0
37.00000	38.00000	0.00000	-5.0614	-0.50000	0.0	0.0	0.0	0.0
38.00000	38.00000	0.00000	-4.7291	-0.50000	0.0	0.0	0.0	0.0
39.00000	38.00000	0.00000	-4.3918	-0.50000	0.0	0.0	0.0	0.0
40.00000	38.00000	0.00000	-4.0566	-0.50000	0.0	0.0	0.0	0.0
41.00000	38.00000	0.00000	-3.7295	-0.50000	0.0	0.0	0.0	0.0
42.00000	38.00000	0.00000	-3.4152	-0.50000	0.0	0.0	0.0	0.0
43.00000	38.00000	0.00000	-3.1165	-0.50000	0.0	0.0	0.0	0.0
44.00000	38.00000	0.00000	-2.8351	-0.50000	0.0	0.0	0.0	0.0
45.00000	38.00000	0.00000	-2.5715	-0.50000	0.0	0.0	0.0	0.0
46.00000	38.00000	0.00000	-2.3257	-0.50000	0.0	0.0	0.0	0.0
47.00000	38.00000	0.00000	-2.0971	-0.50000	0.0	0.0	0.0	0.0
48.00000	38.00000	0.00000	-1.8850	-0.50000	0.0	0.0	0.0	0.0
49.00000	38.00000	0.00000	-1.6884	-0.50000	0.0	0.0	0.0	0.0
50.00000	38.00000	0.00000	-1.5063	-0.50000	0.0	0.0	0.0	0.0
51.00000	38.00000	0.00000	-1.3379	-0.50000	0.0	0.0	0.0	0.0
52.00000	38.00000	0.00000	-1.1821	-0.50000	0.0	0.0	0.0	0.0
53.00000	38.00000	0.00000	-1.0382	-0.50000	0.0	0.0	0.0	0.0
54.00000	38.00000	0.00000	-0.90512	-0.50000	0.0	0.0	0.0	0.0
55.00000	38.00000	0.00000	-0.78225	-0.50000	0.0	0.0	0.0	0.0
56.00000	38.00000	0.00000	-0.66879	-0.50000	0.0	0.0	0.0	0.0
57.00000	38.00000	0.00000	-0.56408	-0.50000	0.0	0.0	0.0	0.0
58.00000	38.00000	0.00000	-0.46748	-0.50000	0.0	0.0	0.0	0.0
59.00000	38.00000	0.00000	-0.37841	-0.50000	0.0	0.0	0.0	0.0
60.00000	38.00000	0.00000	-0.29632	-0.50000	0.0	0.0	0.0	0.0
-20.00000	39.00000	0.00000	-0.23955	-0.50000	0.0	0.0	0.0	0.0
-19.00000	39.00000	0.00000	-0.31396	-0.50000	0.0	0.0	0.0	0.0
-18.00000	39.00000	0.00000	-0.39425	-0.50000	0.0	0.0	0.0	0.0
-17.00000	39.00000	0.00000	-0.48078	-0.50000	0.0	0.0	0.0	0.0
-16.00000	39.00000	0.00000	-0.57392	-0.50000	0.0	0.0	0.0	0.0
-15.00000	39.00000	0.00000	-0.67404	-0.50000	0.0	0.0	0.0	0.0
-14.00000	39.00000	0.00000	-0.78151	-0.50000	0.0	0.0	0.0	0.0
-13.00000	39.00000	0.00000	-0.89670	-0.50000	0.0	0.0	0.0	0.0
-12.00000	39.00000	0.00000	-1.01999	-0.50000	0.0	0.0	0.0	0.0
-11.00000	39.00000	0.00000	-1.1515	-0.50000	0.0	0.0	0.0	0.0
-10.00000	39.00000	0.00000	-1.2917	-0.50000	0.0	0.0	0.0	0.0
-9.00000	39.00000	0.00000	-1.4406	-0.50000	0.0	0.0	0.0	0.0
-8.00000	39.00000	0.00000	-1.5984	-0.50000	0.0	0.0	0.0	0.0
-7.00000	39.00000	0.00000	-1.7650	-0.50000	0.0	0.0	0.0	0.0
-6.00000	39.00000	0.00000	-1.9401	-0.50000	0.0	0.0	0.0	0.0
-5.00000	39.00000	0.00000	-2.1232	-0.50000	0.0	0.0	0.0	0.0
-4.00000	39.00000	0.00000	-2.3136	-0.50000	0.0	0.0	0.0	0.0
-3.00000	39.00000	0.00000	-2.5104	-0.50000	0.0	0.0	0.0	0.0
-2.00000	39.00000	0.00000	-2.7122	-0.50000	0.0	0.0	0.0	0.0
-1.00000	39.00000	0.00000	-2.9176	-0.50000	0.0	0.0	0.0	0.0
0.00000	39.00000	0.00000	-3.1247	-0.50000	0.0	0.0	0.0	0.0
1.00000	39.00000	0.00000	-3.3318	-0.50000	0.0	0.0	0.0	0.0
2.00000	39.00000	0.00000	-3.5369	-0.50000	0.0	0.0	0.0	0.0
3.00000	39.00000	0.00000	-3.7385	-0.50000	0.0	0.0	0.0	0.0
4.00000	39.00000	0.00000	-3.9350	-0.50000	0.0	0.0	0.0	0.0
5.00000	39.00000	0.00000	-4.1251	-0.50000	0.0	0.0	0.0	0.0
6.00000	39.00000	0.00000	-4.3079	-0.50000	0.0	0.0	0.0	0.0
7.00000	39.00000	0.00000	-4.4827	-0.50000	0.0	0.0	0.0	0.0
8.00000	39.00000	0.00000	-4.6492	-0.50000	0.0	0.0	0.0	0.0
9.00000	39.00000	0.00000	-4.8071	-0.50000	0.0	0.0	0.0	0.0
10.00000	39.00000	0.00000	-4.9566	-0.50000	0.0	0.0	0.0	0.0
11.00000	39.00000	0.00000	-5.0980	-0.50000	0.0	0.0	0.0	0.0
12.00000	39.00000	0.00000	-5.2315	-0.50000	0.0	0.0	0.0	0.0
13.00000	39.00000	0.00000	-5.3577	-0.50000	0.0	0.0	0.0	0.0
14.00000	39.00000	0.00000	-5.4770	-0.50000	0.0	0.0	0.0	0.0
15.00000	39.00000	0.00000	-5.5900	-0.50000	0.0	0.0	0.0	0.0
16.00000	39.00000	0.00000	-5.6972	-0.50000	0.0	0.0	0.0	0.0
17.00000	39.00000	0.00000	-5.7988	-0.50000	0.0	0.0	0.0	0.0
18.00000	39.00000	0.00000	-5.8947	-0.50000	0.0	0.0	0.0	0.0
19.00000	39.00000	0.00000	-5.9843	-0.50000	0.0	0.0	0.0	0.0
20.00000	39.00000	0.00000	-6.0665	-0.50000	0.0	0.0	0.0	0.0
21.00000	39.00000	0.00000	-6.1393	-0.50000	0.0	0.0	0.0	0.0
22.00000	39.00000	0.00000	-6.2002	-0.50000	0.0	0.0	0.0	0.0
23.00000	39.00000	0.00000	-6.2460	-0.50000	0.0	0.0	0.0	0.0
24.00000	39.00000	0.00000	-6.2738	-0.50000	0.0	0.0	0.0	0.0
25.00000	39.00000	0.00000	-6.2807	-0.50000	0.0	0.0	0.0	0.0
26.00000	39.00000	0.00000	-6.2647	-0.50000	0.0	0.0	0.0	0.0
27.00000	39.00000	0.00000	-6.2241	-0.50000	0.0	0.0	0.0	0.0
28.00000	39.00000	0.00000	-6.1580	-0.50000	0.0	0.0	0.0	0.0
29.00000	39.00000	0.00000	-6.0660	-0.50000	0.0	0.0	0.0	0.0
30.00000	39.00000	0.00000	-5.9478	-0.50000	0.0	0.0	0.0	0.0
31.00000	39.00000	0.00000	-5.8041	-0.50000	0.0	0.0	0.0	0.0
32.00000	39.00000	0.00000	-5.6350	-0.50000	0.0	0.0	0.0	0.0
33.00000	39.00000	0.00000	-5.4415	-0.50000	0.0	0.0	0.0	0.0
34.00000	39.00000	0.00000	-5.2252	-0.50000	0.0	0.0	0.0	0.0
35.00000	39.00000	0.00000	-4.9880	-0.50000	0.0	0.0	0.0	0.0
36.00000	39.00000	0.00000	-4.7329	-0.50000	0.0	0.0	0.0	0.0
37.00000	39.00000	0.00000	-4.4637	-0.50000	0.0	0.0	0.0	0.0
38.00000	39.00000	0.00000	-4.1850	-0.50000	0.0	0.0	0.0	0.0
39.00000	39.00000	0.00000	-3.9018	-0.50000	0.0	0.0	0.0	0.0
40.00000	39.00000	0.00000	-3.6190	-0.50000	0.0	0.0	0.0	0.0
41.00000	39.00000	0.00000	-3.3410	-0.50000	0.0	0.0	0.0	0.0
42.00000	39.00000	0.00000	-3.0713	-0.50000	0.0	0.0	0.0	0.0
43.00000	39.00000	0.00000	-2.8127	-0.50000	0.0	0.0	0.0	0.0
44.00000	39.00000	0.00000	-2.5666	-0.50000	0.0	0.0	0.0	0.0
45.00000	39.00000	0.00000	-2.3341	-0.50000	0.0	0.0	0.0	0.0
46.00000	39.00000	0.00000	-2.1155	-0.50000	0.0	0.0	0.0	0.0
47.00000	39.00000	0.00000	-1.9106	-0.50000	0.0	0.0	0.0	0.0
48.00000	39.00000	0.00000	-1.7193	-0.50000	0.0	0.0	0.0	0.0
49.00000	39.00000	0.00000	-1.5409	-0.50000	0.0	0.0	0.0	0.0
50.00000	39.00000	0.00000	-1.3749	-0.50000	0.0	0.0	0.0	0.0
51.00000	39.00000	0.00000						

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

Name	Location			Stresses				
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-15.00000	40.00000	0.00000	-0.59735	-0.50000	0.0	0.0	0.0
	-14.00000	40.00000	0.00000	-0.69640	-0.50000	0.0	0.0	0.0
	-13.00000	40.00000	0.00000	-0.80225	-0.50000	0.0	0.0	0.0
	-12.00000	40.00000	0.00000	-0.91512	-0.50000	0.0	0.0	0.0
	-11.00000	40.00000	0.00000	-1.03532	-0.50000	0.0	0.0	0.0
	-10.00000	40.00000	0.00000	-1.16277	-0.50000	0.0	0.0	0.0
	-9.00000	40.00000	0.00000	-1.29777	-0.50000	0.0	0.0	0.0
	-8.00000	40.00000	0.00000	-1.4401	-0.50000	0.0	0.0	0.0
	-7.00000	40.00000	0.00000	-1.5898	-0.50000	0.0	0.0	0.0
	-6.00000	40.00000	0.00000	-1.7465	-0.50000	0.0	0.0	0.0
	-5.00000	40.00000	0.00000	-1.9097	-0.50000	0.0	0.0	0.0
	-4.00000	40.00000	0.00000	-2.0788	-0.50000	0.0	0.0	0.0
	-3.00000	40.00000	0.00000	-2.2530	-0.50000	0.0	0.0	0.0
	-2.00000	40.00000	0.00000	-2.4310	-0.50000	0.0	0.0	0.0
	-1.00000	40.00000	0.00000	-2.6118	-0.50000	0.0	0.0	0.0
	0.00000	40.00000	0.00000	-2.7940	-0.50000	0.0	0.0	0.0
	1.00000	40.00000	0.00000	-2.9760	-0.50000	0.0	0.0	0.0
	2.00000	40.00000	0.00000	-3.1566	-0.50000	0.0	0.0	0.0
	3.00000	40.00000	0.00000	-3.3342	-0.50000	0.0	0.0	0.0
	4.00000	40.00000	0.00000	-3.5078	-0.50000	0.0	0.0	0.0
	5.00000	40.00000	0.00000	-3.6762	-0.50000	0.0	0.0	0.0
	6.00000	40.00000	0.00000	-3.8387	-0.50000	0.0	0.0	0.0
	7.00000	40.00000	0.00000	-3.9945	-0.50000	0.0	0.0	0.0
	8.00000	40.00000	0.00000	-4.1433	-0.50000	0.0	0.0	0.0
	9.00000	40.00000	0.00000	-4.2849	-0.50000	0.0	0.0	0.0
	10.00000	40.00000	0.00000	-4.4192	-0.50000	0.0	0.0	0.0
	11.00000	40.00000	0.00000	-4.5463	-0.50000	0.0	0.0	0.0
	12.00000	40.00000	0.00000	-4.6663	-0.50000	0.0	0.0	0.0
	13.00000	40.00000	0.00000	-4.7795	-0.50000	0.0	0.0	0.0
	14.00000	40.00000	0.00000	-4.8861	-0.50000	0.0	0.0	0.0
	15.00000	40.00000	0.00000	-4.9864	-0.50000	0.0	0.0	0.0
	16.00000	40.00000	0.00000	-5.0805	-0.50000	0.0	0.0	0.0
	17.00000	40.00000	0.00000	-5.1684	-0.50000	0.0	0.0	0.0
	18.00000	40.00000	0.00000	-5.2499	-0.50000	0.0	0.0	0.0
	19.00000	40.00000	0.00000	-5.3243	-0.50000	0.0	0.0	0.0
	20.00000	40.00000	0.00000	-5.3906	-0.50000	0.0	0.0	0.0
	21.00000	40.00000	0.00000	-5.4473	-0.50000	0.0	0.0	0.0
	22.00000	40.00000	0.00000	-5.4926	-0.50000	0.0	0.0	0.0
	23.00000	40.00000	0.00000	-5.5243	-0.50000	0.0	0.0	0.0
	24.00000	40.00000	0.00000	-5.5404	-0.50000	0.0	0.0	0.0
	25.00000	40.00000	0.00000	-5.5388	-0.50000	0.0	0.0	0.0
	26.00000	40.00000	0.00000	-5.5180	-0.50000	0.0	0.0	0.0
	27.00000	40.00000	0.00000	-5.4768	-0.50000	0.0	0.0	0.0
	28.00000	40.00000	0.00000	-5.4145	-0.50000	0.0	0.0	0.0
	29.00000	40.00000	0.00000	-5.3305	-0.50000	0.0	0.0	0.0
	30.00000	40.00000	0.00000	-5.2248	-0.50000	0.0	0.0	0.0
	31.00000	40.00000	0.00000	-5.0978	-0.50000	0.0	0.0	0.0
	32.00000	40.00000	0.00000	-4.9499	-0.50000	0.0	0.0	0.0
	33.00000	40.00000	0.00000	-4.7820	-0.50000	0.0	0.0	0.0
	34.00000	40.00000	0.00000	-4.5957	-0.50000	0.0	0.0	0.0
	35.00000	40.00000	0.00000	-4.3926	-0.50000	0.0	0.0	0.0
	36.00000	40.00000	0.00000	-4.1753	-0.50000	0.0	0.0	0.0
	37.00000	40.00000	0.00000	-3.9468	-0.50000	0.0	0.0	0.0
	38.00000	40.00000	0.00000	-3.7104	-0.50000	0.0	0.0	0.0
	39.00000	40.00000	0.00000	-3.4698	-0.50000	0.0	0.0	0.0
	40.00000	40.00000	0.00000	-3.2287	-0.50000	0.0	0.0	0.0
	41.00000	40.00000	0.00000	-2.9903	-0.50000	0.0	0.0	0.0
	42.00000	40.00000	0.00000	-2.7575	-0.50000	0.0	0.0	0.0
	43.00000	40.00000	0.00000	-2.5325	-0.50000	0.0	0.0	0.0
	44.00000	40.00000	0.00000	-2.3168	-0.50000	0.0	0.0	0.0
	45.00000	40.00000	0.00000	-2.1114	-0.50000	0.0	0.0	0.0
	46.00000	40.00000	0.00000	-1.9168	-0.50000	0.0	0.0	0.0
	47.00000	40.00000	0.00000	-1.7334	-0.50000	0.0	0.0	0.0
	48.00000	40.00000	0.00000	-1.5610	-0.50000	0.0	0.0	0.0
	49.00000	40.00000	0.00000	-1.3994	-0.50000	0.0	0.0	0.0
	50.00000	40.00000	0.00000	-1.2482	-0.50000	0.0	0.0	0.0
	51.00000	40.00000	0.00000	-1.1071	-0.50000	0.0	0.0	0.0
	52.00000	40.00000	0.00000	-0.9755	-0.50000	0.0	0.0	0.0
	53.00000	40.00000	0.00000	-0.85306	-0.50000	0.0	0.0	0.0
	54.00000	40.00000	0.00000	-0.73913	-0.50000	0.0	0.0	0.0
	55.00000	40.00000	0.00000	-0.63329	-0.50000	0.0	0.0	0.0
	56.00000	40.00000	0.00000	-0.53504	-0.50000	0.0	0.0	0.0
	57.00000	40.00000	0.00000	-0.44392	-0.50000	0.0	0.0	0.0
	58.00000	40.00000	0.00000	-0.35950	-0.50000	0.0	0.0	0.0
	59.00000	40.00000	0.00000	-0.28135	-0.50000	0.0	0.0	0.0
	60.00000	40.00000	0.00000	-0.20907	-0.50000	0.0	0.0	0.0
	-20.00000	41.00000	0.00000	-0.14976	-0.50000	0.0	0.0	0.0
	-19.00000	41.00000	0.00000	-0.21434	-0.50000	0.0	0.0	0.0
	-18.00000	41.00000	0.00000	-0.28375	-0.50000	0.0	0.0	0.0
	-17.00000	41.00000	0.00000	-0.35825	-0.50000	0.0	0.0	0.0
	-16.00000	41.00000	0.00000	-0.43808	-0.50000	0.0	0.0	0.0
	-15.00000	41.00000	0.00000	-0.52347	-0.50000	0.0	0.0	0.0
	-14.00000	41.00000	0.00000	-0.61464	-0.50000	0.0	0.0	0.0
	-13.00000	41.00000	0.00000	-0.71179	-0.50000	0.0	0.0	0.0
	-12.00000	41.00000	0.00000	-0.81510	-0.50000	0.0	0.0	0.0
	-11.00000	41.00000	0.00000	-0.92468	-0.50000	0.0	0.0	0.0
	-10.00000	41.00000	0.00000	-1.0406	-0.50000	0.0	0.0	0.0
	-9.00000	41.00000	0.00000	-1.1629	-0.50000	0.0	0.0	0.0
	-8.00000	41.00000	0.00000	-1.2915	-0.50000	0.0	0.0	0.0
	-7.00000	41.00000	0.00000	-1.4262	-0.50000	0.0	0.0	0.0
	-6.00000	41.00000	0.00000	-1.5667	-0.50000	0.0	0.0	0.0
	-5.00000	41.00000	0.00000	-1.7125	-0.50000	0.0	0.0	0.0
	-4.00000	41.00000	0.00000	-1.8631	-0.50000	0.0	0.0	0.0
	-3.00000	41.00000	0.00000	-2.0177	-0.50000	0.0	0.0	0.0
	-2.00000	41.00000	0.00000	-2.1755	-0.50000	0.0	0.0	0.0
	-1.00000	41.00000	0.00000	-2.3354	-0.50000	0.0	0.0	0.0
	0.00000	41.00000	0.00000	-2.4963	-0.50000	0.0	0.0	0.0
	1.00000	41.00000	0.00000	-2.6571	-0.50000	0.0	0.0	0.0
	2.00000	41.00000	0.00000	-2.8166	-0.50000	0.0	0.0	0.0
	3.00000	41.00000	0.00000	-2.9738	-0.50000	0.0	0.0	0.0
	4.00000	41.00000	0.00000	-3.1276	-0.50000	0.0	0.0	0.0
	5.00000	41.00000	0.00000	-3.2772	-0.50000	0.0	0.0	0.0
	6.00000	41.00000	0.00000	-3.4218	-0.50000	0.0	0.0	0.0
	7.00000	41.00000	0.00000	-3.5609	-0.50000	0.0	0.0	0.0
	8.00000	41.00000	0.00000	-3.6941	-0.50000	0.0	0.0	0.0
	9.00000	41.00000	0.00000	-3.8210	-0.50000	0.0	0.0	0.0
	10.00000	41.00000	0.00000	-3.9415	-0.50000	0.0	0.0	0.0
	11.00000	41.00000	0.00000	-4.0556	-0.50000	0.0	0.0	0.0
	12.00000	41.00000	0.00000	-4.1633	-0.50000	0.0	0.0	0.0
	13.00000	41.00000	0.00000	-4.2647	-0.50000	0.0	0.0	0.0
	14.00000	41.00000	0.00000	-4.3598	-0.50000	0.0	0.0	0.0
	15.00000	41.00000	0.00000	-4.4487	-0.50000	0.0	0.0	0.0
	16.00000	41.00000	0.00000	-4.5314	-0.50000	0.0	0.0	0.0
	17.00000	41.00000	0.00000	-4.6077	-0.50000	0.0	0.0	0.0
	18.00000	41.00000	0.00000	-4.6772	-0.50000	0.0	0.0	0.0
	19.00000	41.00000	0.00000	-4.7394	-0.50000	0.0	0.0	0.0
	20.00000	41.00000	0.00000	-4.7934	-0.50000	0.0	0.0	0.0
	21.00000	41.00000	0.00000	-4.8381	-0.50000	0.0	0.0	0.0
	22.00000	41.00000	0.00000	-4.8721	-0.50000	0.0	0.0	0.0
	23.00000	41.00000	0.00000	-4.8939	-0.50000	0.0	0.0	0.0
	24.00000	41.00000	0.00000	-4.9020	-0.50000	0.0	0.0	0.0
	25.00000	41.00000	0.00000	-4.8950	-0.50000	0.0	0.0	0.0
	26.00000	41.00000	0.00000	-4.8717	-0.50000	0.0	0.0	0.0
	27.00000	41.00000	0.00000	-4.8312	-0.50000	0.0	0.0	0.0
	28.00000	41.00000	0.00000	-4.7728	-0.50000	0.0	0.0	0.0
	29.00000	41.00000	0.00000	-4.6964	-0.50000	0.0	0.0	0.0
	30.00000	41.00000	0.00000	-4.6018	-0.50000	0.0	0.0	0.0
	31.00000	41.00000	0.00000	-4.4894	-0.50000	0.0	0.0	0.0
	32.00000	41.00000	0.00000	-4.3597	-0.50000	0.0	0.0	0.0
	33.00000	41.00000	0.00000	-4.2136	-0.50000	0.0	0.0	0.0
	34.00000	41.00000	0.00000	-4.0522	-0.50000	0.0	0.0	0.0
	35.00000	41.00000	0.00000	-3.8773	-0.50000	0.0	0.0	



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	45.00000	41.00000	0.00000	-1.9032	-0.50000	0.0	0.0	0.0
	46.00000	41.00000	0.00000	-1.7300	-0.50000	0.0	0.0	0.0
	47.00000	41.00000	0.00000	-1.5657	-0.50000	0.0	0.0	0.0
	48.00000	41.00000	0.00000	-1.4104	-0.50000	0.0	0.0	0.0
	49.00000	41.00000	0.00000	-1.2642	-0.50000	0.0	0.0	0.0
	50.00000	41.00000	0.00000	-1.1267	-0.50000	0.0	0.0	0.0
	51.00000	41.00000	0.00000	-0.99790	-0.50000	0.0	0.0	0.0
	52.00000	41.00000	0.00000	-0.87733	-0.50000	0.0	0.0	0.0
	53.00000	41.00000	0.00000	-0.76468	-0.50000	0.0	0.0	0.0
	54.00000	41.00000	0.00000	-0.65958	-0.50000	0.0	0.0	0.0
	55.00000	41.00000	0.00000	-0.56166	-0.50000	0.0	0.0	0.0
	56.00000	41.00000	0.00000	-0.47052	-0.50000	0.0	0.0	0.0
	57.00000	41.00000	0.00000	-0.38581	-0.50000	0.0	0.0	0.0
	58.00000	41.00000	0.00000	-0.30715	-0.50000	0.0	0.0	0.0
	59.00000	41.00000	0.00000	-0.23419	-0.50000	0.0	0.0	0.0
	60.00000	41.00000	0.00000	-0.16659	-0.50000	0.0	0.0	0.0
	-20.00000	42.00000	0.00000	-0.10678	-0.50000	0.0	0.0	0.0
	-19.00000	42.00000	0.00000	-0.16678	-0.50000	0.0	0.0	0.0
	-18.00000	42.00000	0.00000	-0.23115	-0.50000	0.0	0.0	0.0
	-17.00000	42.00000	0.00000	-0.30011	-0.50000	0.0	0.0	0.0
	-16.00000	42.00000	0.00000	-0.37385	-0.50000	0.0	0.0	0.0
	-15.00000	42.00000	0.00000	-0.45254	-0.50000	0.0	0.0	0.0
	-14.00000	42.00000	0.00000	-0.53636	-0.50000	0.0	0.0	0.0
	-13.00000	42.00000	0.00000	-0.62545	-0.50000	0.0	0.0	0.0
	-12.00000	42.00000	0.00000	-0.71992	-0.50000	0.0	0.0	0.0
	-11.00000	42.00000	0.00000	-0.81986	-0.50000	0.0	0.0	0.0
	-10.00000	42.00000	0.00000	-0.92527	-0.50000	0.0	0.0	0.0
	-9.00000	42.00000	0.00000	-1.0361	-0.50000	0.0	0.0	0.0
	-8.00000	42.00000	0.00000	-1.1523	-0.50000	0.0	0.0	0.0
	-7.00000	42.00000	0.00000	-1.2736	-0.50000	0.0	0.0	0.0
	-6.00000	42.00000	0.00000	-1.3997	-0.50000	0.0	0.0	0.0
	-5.00000	42.00000	0.00000	-1.5303	-0.50000	0.0	0.0	0.0
	-4.00000	42.00000	0.00000	-1.6647	-0.50000	0.0	0.0	0.0
	-3.00000	42.00000	0.00000	-1.8024	-0.50000	0.0	0.0	0.0
	-2.00000	42.00000	0.00000	-1.9426	-0.50000	0.0	0.0	0.0
	-1.00000	42.00000	0.00000	-2.0845	-0.50000	0.0	0.0	0.0
	0.00000	42.00000	0.00000	-2.2272	-0.50000	0.0	0.0	0.0
	1.00000	42.00000	0.00000	-2.3698	-0.50000	0.0	0.0	0.0
	2.00000	42.00000	0.00000	-2.5113	-0.50000	0.0	0.0	0.0
	3.00000	42.00000	0.00000	-2.6508	-0.50000	0.0	0.0	0.0
	4.00000	42.00000	0.00000	-2.7875	-0.50000	0.0	0.0	0.0
	5.00000	42.00000	0.00000	-2.9206	-0.50000	0.0	0.0	0.0
	6.00000	42.00000	0.00000	-3.0496	-0.50000	0.0	0.0	0.0
	7.00000	42.00000	0.00000	-3.1738	-0.50000	0.0	0.0	0.0
	8.00000	42.00000	0.00000	-3.2930	-0.50000	0.0	0.0	0.0
	9.00000	42.00000	0.00000	-3.4068	-0.50000	0.0	0.0	0.0
	10.00000	42.00000	0.00000	-3.5149	-0.50000	0.0	0.0	0.0
	11.00000	42.00000	0.00000	-3.6173	-0.50000	0.0	0.0	0.0
	12.00000	42.00000	0.00000	-3.7138	-0.50000	0.0	0.0	0.0
	13.00000	42.00000	0.00000	-3.8045	-0.50000	0.0	0.0	0.0
	14.00000	42.00000	0.00000	-3.8893	-0.50000	0.0	0.0	0.0
	15.00000	42.00000	0.00000	-3.9681	-0.50000	0.0	0.0	0.0
	16.00000	42.00000	0.00000	-4.0408	-0.50000	0.0	0.0	0.0
	17.00000	42.00000	0.00000	-4.1072	-0.50000	0.0	0.0	0.0
	18.00000	42.00000	0.00000	-4.1668	-0.50000	0.0	0.0	0.0
	19.00000	42.00000	0.00000	-4.2192	-0.50000	0.0	0.0	0.0
	20.00000	42.00000	0.00000	-4.2636	-0.50000	0.0	0.0	0.0
	21.00000	42.00000	0.00000	-4.2992	-0.50000	0.0	0.0	0.0
	22.00000	42.00000	0.00000	-4.3249	-0.50000	0.0	0.0	0.0
	23.00000	42.00000	0.00000	-4.3396	-0.50000	0.0	0.0	0.0
	24.00000	42.00000	0.00000	-4.3423	-0.50000	0.0	0.0	0.0
	25.00000	42.00000	0.00000	-4.3318	-0.50000	0.0	0.0	0.0
	26.00000	42.00000	0.00000	-4.3074	-0.50000	0.0	0.0	0.0
	27.00000	42.00000	0.00000	-4.2684	-0.50000	0.0	0.0	0.0
	28.00000	42.00000	0.00000	-4.2143	-0.50000	0.0	0.0	0.0
	29.00000	42.00000	0.00000	-4.1449	-0.50000	0.0	0.0	0.0
	30.00000	42.00000	0.00000	-4.0603	-0.50000	0.0	0.0	0.0
	31.00000	42.00000	0.00000	-3.9607	-0.50000	0.0	0.0	0.0
	32.00000	42.00000	0.00000	-3.8466	-0.50000	0.0	0.0	0.0
	33.00000	42.00000	0.00000	-3.7189	-0.50000	0.0	0.0	0.0
	34.00000	42.00000	0.00000	-3.5785	-0.50000	0.0	0.0	0.0
	35.00000	42.00000	0.00000	-3.4269	-0.50000	0.0	0.0	0.0
	36.00000	42.00000	0.00000	-3.2658	-0.50000	0.0	0.0	0.0
	37.00000	42.00000	0.00000	-3.0969	-0.50000	0.0	0.0	0.0
	38.00000	42.00000	0.00000	-2.9223	-0.50000	0.0	0.0	0.0
	39.00000	42.00000	0.00000	-2.7443	-0.50000	0.0	0.0	0.0
	40.00000	42.00000	0.00000	-2.5649	-0.50000	0.0	0.0	0.0
	41.00000	42.00000	0.00000	-2.3861	-0.50000	0.0	0.0	0.0
	42.00000	42.00000	0.00000	-2.2098	-0.50000	0.0	0.0	0.0
	43.00000	42.00000	0.00000	-2.0374	-0.50000	0.0	0.0	0.0
	44.00000	42.00000	0.00000	-1.8702	-0.50000	0.0	0.0	0.0
	45.00000	42.00000	0.00000	-1.7091	-0.50000	0.0	0.0	0.0
	46.00000	42.00000	0.00000	-1.5547	-0.50000	0.0	0.0	0.0
	47.00000	42.00000	0.00000	-1.4075	-0.50000	0.0	0.0	0.0
	48.00000	42.00000	0.00000	-1.2678	-0.50000	0.0	0.0	0.0
	49.00000	42.00000	0.00000	-1.1355	-0.50000	0.0	0.0	0.0
	50.00000	42.00000	0.00000	-1.0107	-0.50000	0.0	0.0	0.0
	51.00000	42.00000	0.00000	-0.89322	-0.50000	0.0	0.0	0.0
	52.00000	42.00000	0.00000	-0.78289	-0.50000	0.0	0.0	0.0
	53.00000	42.00000	0.00000	-0.67946	-0.50000	0.0	0.0	0.0
	54.00000	42.00000	0.00000	-0.58268	-0.50000	0.0	0.0	0.0
	55.00000	42.00000	0.00000	-0.49225	-0.50000	0.0	0.0	0.0
	56.00000	42.00000	0.00000	-0.40789	-0.50000	0.0	0.0	0.0
	57.00000	42.00000	0.00000	-0.32928	-0.50000	0.0	0.0	0.0
	58.00000	42.00000	0.00000	-0.25614	-0.50000	0.0	0.0	0.0
	59.00000	42.00000	0.00000	-0.18817	-0.50000	0.0	0.0	0.0
	60.00000	42.00000	0.00000	-0.12508	-0.50000	0.0	0.0	0.0
	-20.00000	43.00000	0.00000	-0.065221	-0.50000	0.0	0.0	0.0
	-19.00000	43.00000	0.00000	-0.12087	-0.50000	0.0	0.0	0.0
	-18.00000	43.00000	0.00000	-0.18048	-0.50000	0.0	0.0	0.0
	-17.00000	43.00000	0.00000	-0.24421	-0.50000	0.0	0.0	0.0
	-16.00000	43.00000	0.00000	-0.31223	-0.50000	0.0	0.0	0.0
	-15.00000	43.00000	0.00000	-0.38466	-0.50000	0.0	0.0	0.0
	-14.00000	43.00000	0.00000	-0.46164	-0.50000	0.0	0.0	0.0
	-13.00000	43.00000	0.00000	-0.54327	-0.50000	0.0	0.0	0.0
	-12.00000	43.00000	0.00000	-0.62961	-0.50000	0.0	0.0	0.0
	-11.00000	43.00000	0.00000	-0.72070	-0.50000	0.0	0.0	0.0
	-10.00000	43.00000	0.00000	-0.81653	-0.50000	0.0	0.0	0.0
	-9.00000	43.00000	0.00000	-0.91702	-0.50000	0.0	0.0	0.0
	-8.00000	43.00000	0.00000	-1.02220	-0.50000	0.0	0.0	0.0
	-7.00000	43.00000	0.00000	-1.1314	-0.50000	0.0	0.0	0.0
	-6.00000	43.00000	0.00000	-1.2448	-0.50000	0.0	0.0	0.0
	-5.00000	43.00000	0.00000	-1.3619	-0.50000	0.0	0.0	0.0
	-4.00000	43.00000	0.00000	-1.4822	-0.50000	0.0	0.0	0.0
	-3.00000	43.00000	0.00000	-1.6051	-0.50000	0.0	0.0	0.0
	-2.00000	43.00000	0.00000	-1.7301	-0.50000	0.0	0.0	0.0
	-1.00000	43.00000	0.00000	-1.8564	-0.50000	0.0	0.0	0.0
	0.00000	43.00000	0.00000	-1.9833	-0.50000	0.0	0.0	0.0
	1.00000	43.00000	0.00000	-2.1101	-0.50000	0.0	0.0	0.0
	2.00000	43.00000	0.00000	-2.2359	-0.50000	0.0	0.0	0.0
	3.00000	43.00000	0.00000	-2.3600	-0.50000	0.0	0.0	0.0
	4.00000	43.00000	0.00000	-2.4818	-0.50000	0.0	0.0	0.0
	5.00000	43.00000	0.00000	-2.6005	-0.50000	0.0	0.0	0.0
	6.00000	43.00000	0.00000	-2.7157	-0.50000	0.0	0.0	0.0
	7.00000	43.00000	0.00000	-2.8269	-0.50000	0.0	0.0	0.0
	8.00000	43.00000	0.00000	-2.9336	-0.50000	0.0	0.0	0.0
	9.00000	43.00000	0.00000	-3.0355	-0.50000	0.0	0.0	0.0
	10.00000	43.00000	0.00000	-3.1325	-0.50000	0.0	0.0	0.0
	11.00000	43.00000	0.00000	-3.2243	-0.50000	0.0	0.0	0.0
	12.00000	43.00000	0.00000	-3.3108	-0.50000	0.0	0.0	0.0
	13.00000	43.00000	0.00000	-				



73-75 Avenue Road, NW8

Short-term Heave

Name	X	Location	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
3.00000	45.00000	0.00000	-1.8597	-0.50000	0.0	0.0	0.0	0.0
4.00000	45.00000	0.00000	-1.9568	-0.50000	0.0	0.0	0.0	0.0
5.00000	45.00000	0.00000	-2.0517	-0.50000	0.0	0.0	0.0	0.0
6.00000	45.00000	0.00000	-2.1439	-0.50000	0.0	0.0	0.0	0.0
7.00000	45.00000	0.00000	-2.2330	-0.50000	0.0	0.0	0.0	0.0
8.00000	45.00000	0.00000	-2.3186	-0.50000	0.0	0.0	0.0	0.0
9.00000	45.00000	0.00000	-2.4006	-0.50000	0.0	0.0	0.0	0.0
10.00000	45.00000	0.00000	-2.4786	-0.50000	0.0	0.0	0.0	0.0
11.00000	45.00000	0.00000	-2.5523	-0.50000	0.0	0.0	0.0	0.0
12.00000	45.00000	0.00000	-2.6217	-0.50000	0.0	0.0	0.0	0.0
13.00000	45.00000	0.00000	-2.6864	-0.50000	0.0	0.0	0.0	0.0
14.00000	45.00000	0.00000	-2.7464	-0.50000	0.0	0.0	0.0	0.0
15.00000	45.00000	0.00000	-2.8014	-0.50000	0.0	0.0	0.0	0.0
16.00000	45.00000	0.00000	-2.8511	-0.50000	0.0	0.0	0.0	0.0
17.00000	45.00000	0.00000	-2.8954	-0.50000	0.0	0.0	0.0	0.0
18.00000	45.00000	0.00000	-2.9339	-0.50000	0.0	0.0	0.0	0.0
19.00000	45.00000	0.00000	-2.9663	-0.50000	0.0	0.0	0.0	0.0
20.00000	45.00000	0.00000	-2.9921	-0.50000	0.0	0.0	0.0	0.0
21.00000	45.00000	0.00000	-3.0109	-0.50000	0.0	0.0	0.0	0.0
22.00000	45.00000	0.00000	-3.0222	-0.50000	0.0	0.0	0.0	0.0
23.00000	45.00000	0.00000	-3.0256	-0.50000	0.0	0.0	0.0	0.0
24.00000	45.00000	0.00000	-3.0207	-0.50000	0.0	0.0	0.0	0.0
25.00000	45.00000	0.00000	-3.0069	-0.50000	0.0	0.0	0.0	0.0
26.00000	45.00000	0.00000	-2.9840	-0.50000	0.0	0.0	0.0	0.0
27.00000	45.00000	0.00000	-2.9517	-0.50000	0.0	0.0	0.0	0.0
28.00000	45.00000	0.00000	-2.9099	-0.50000	0.0	0.0	0.0	0.0
29.00000	45.00000	0.00000	-2.8586	-0.50000	0.0	0.0	0.0	0.0
30.00000	45.00000	0.00000	-2.7978	-0.50000	0.0	0.0	0.0	0.0
31.00000	45.00000	0.00000	-2.7278	-0.50000	0.0	0.0	0.0	0.0
32.00000	45.00000	0.00000	-2.6491	-0.50000	0.0	0.0	0.0	0.0
33.00000	45.00000	0.00000	-2.5622	-0.50000	0.0	0.0	0.0	0.0
34.00000	45.00000	0.00000	-2.4676	-0.50000	0.0	0.0	0.0	0.0
35.00000	45.00000	0.00000	-2.3663	-0.50000	0.0	0.0	0.0	0.0
36.00000	45.00000	0.00000	-2.2592	-0.50000	0.0	0.0	0.0	0.0
37.00000	45.00000	0.00000	-2.1472	-0.50000	0.0	0.0	0.0	0.0
38.00000	45.00000	0.00000	-2.0315	-0.50000	0.0	0.0	0.0	0.0
39.00000	45.00000	0.00000	-1.9131	-0.50000	0.0	0.0	0.0	0.0
40.00000	45.00000	0.00000	-1.7932	-0.50000	0.0	0.0	0.0	0.0
41.00000	45.00000	0.00000	-1.6729	-0.50000	0.0	0.0	0.0	0.0
42.00000	45.00000	0.00000	-1.5530	-0.50000	0.0	0.0	0.0	0.0
43.00000	45.00000	0.00000	-1.4346	-0.50000	0.0	0.0	0.0	0.0
44.00000	45.00000	0.00000	-1.3184	-0.50000	0.0	0.0	0.0	0.0
45.00000	45.00000	0.00000	-1.2050	-0.50000	0.0	0.0	0.0	0.0
46.00000	45.00000	0.00000	-1.0951	-0.50000	0.0	0.0	0.0	0.0
47.00000	45.00000	0.00000	-0.9889	-0.50000	0.0	0.0	0.0	0.0
48.00000	45.00000	0.00000	-0.8870	-0.50000	0.0	0.0	0.0	0.0
49.00000	45.00000	0.00000	-0.7891	-0.50000	0.0	0.0	0.0	0.0
50.00000	45.00000	0.00000	-0.6963	-0.50000	0.0	0.0	0.0	0.0
51.00000	45.00000	0.00000	-0.6077	-0.50000	0.0	0.0	0.0	0.0
52.00000	45.00000	0.00000	-0.5238	-0.50000	0.0	0.0	0.0	0.0
53.00000	45.00000	0.00000	-0.4449	-0.50000	0.0	0.0	0.0	0.0
54.00000	45.00000	0.00000	-0.3696	-0.50000	0.0	0.0	0.0	0.0
55.00000	45.00000	0.00000	-0.2991	-0.50000	0.0	0.0	0.0	0.0
56.00000	45.00000	0.00000	-0.2326	-0.50000	0.0	0.0	0.0	0.0
57.00000	45.00000	0.00000	-0.1704	-0.50000	0.0	0.0	0.0	0.0
58.00000	45.00000	0.00000	-0.1126	-0.50000	0.0	0.0	0.0	0.0
59.00000	45.00000	0.00000	-0.0582	-0.50000	0.0	0.0	0.0	0.0
60.00000	45.00000	0.00000	-0.0076	-0.50000	0.0	0.0	0.0	0.0
-20.00000	46.00000	0.00000	0.0501	-0.50000	0.0	0.0	0.0	0.0
-19.00000	46.00000	0.00000	0.0061	-0.50000	0.0	0.0	0.0	0.0
-18.00000	46.00000	0.00000	0.0007	-0.50000	0.0	0.0	0.0	0.0
-17.00000	46.00000	0.00000	-0.0906	-0.50000	0.0	0.0	0.0	0.0
-16.00000	46.00000	0.00000	-0.1436	-0.50000	0.0	0.0	0.0	0.0
-15.00000	46.00000	0.00000	-0.1997	-0.50000	0.0	0.0	0.0	0.0
-14.00000	46.00000	0.00000	-0.2590	-0.50000	0.0	0.0	0.0	0.0
-13.00000	46.00000	0.00000	-0.3215	-0.50000	0.0	0.0	0.0	0.0
-12.00000	46.00000	0.00000	-0.3871	-0.50000	0.0	0.0	0.0	0.0
-11.00000	46.00000	0.00000	-0.4566	-0.50000	0.0	0.0	0.0	0.0
-10.00000	46.00000	0.00000	-0.5280	-0.50000	0.0	0.0	0.0	0.0
-9.00000	46.00000	0.00000	-0.6026	-0.50000	0.0	0.0	0.0	0.0
-8.00000	46.00000	0.00000	-0.6807	-0.50000	0.0	0.0	0.0	0.0
-7.00000	46.00000	0.00000	-0.7612	-0.50000	0.0	0.0	0.0	0.0
-6.00000	46.00000	0.00000	-0.8442	-0.50000	0.0	0.0	0.0	0.0
-5.00000	46.00000	0.00000	-0.9293	-0.50000	0.0	0.0	0.0	0.0
-4.00000	46.00000	0.00000	-1.0163	-0.50000	0.0	0.0	0.0	0.0
-3.00000	46.00000	0.00000	-1.1048	-0.50000	0.0	0.0	0.0	0.0
-2.00000	46.00000	0.00000	-1.1944	-0.50000	0.0	0.0	0.0	0.0
-1.00000	46.00000	0.00000	-1.2847	-0.50000	0.0	0.0	0.0	0.0
0.00000	46.00000	0.00000	-1.3753	-0.50000	0.0	0.0	0.0	0.0
1.00000	46.00000	0.00000	-1.4656	-0.50000	0.0	0.0	0.0	0.0
2.00000	46.00000	0.00000	-1.5552	-0.50000	0.0	0.0	0.0	0.0
3.00000	46.00000	0.00000	-1.6438	-0.50000	0.0	0.0	0.0	0.0
4.00000	46.00000	0.00000	-1.7307	-0.50000	0.0	0.0	0.0	0.0
5.00000	46.00000	0.00000	-1.8157	-0.50000	0.0	0.0	0.0	0.0
6.00000	46.00000	0.00000	-1.8982	-0.50000	0.0	0.0	0.0	0.0
7.00000	46.00000	0.00000	-1.9781	-0.50000	0.0	0.0	0.0	0.0
8.00000	46.00000	0.00000	-2.0549	-0.50000	0.0	0.0	0.0	0.0
9.00000	46.00000	0.00000	-2.1284	-0.50000	0.0	0.0	0.0	0.0
10.00000	46.00000	0.00000	-2.1983	-0.50000	0.0	0.0	0.0	0.0
11.00000	46.00000	0.00000	-2.2644	-0.50000	0.0	0.0	0.0	0.0
12.00000	46.00000	0.00000	-2.3265	-0.50000	0.0	0.0	0.0	0.0
13.00000	46.00000	0.00000	-2.3844	-0.50000	0.0	0.0	0.0	0.0
14.00000	46.00000	0.00000	-2.4378	-0.50000	0.0	0.0	0.0	0.0
15.00000	46.00000	0.00000	-2.4867	-0.50000	0.0	0.0	0.0	0.0
16.00000	46.00000	0.00000	-2.5306	-0.50000	0.0	0.0	0.0	0.0
17.00000	46.00000	0.00000	-2.5695	-0.50000	0.0	0.0	0.0	0.0
18.00000	46.00000	0.00000	-2.6030	-0.50000	0.0	0.0	0.0	0.0
19.00000	46.00000	0.00000	-2.6308	-0.50000	0.0	0.0	0.0	0.0
20.00000	46.00000	0.00000	-2.6526	-0.50000	0.0	0.0	0.0	0.0
21.00000	46.00000	0.00000	-2.6680	-0.50000	0.0	0.0	0.0	0.0
22.00000	46.00000	0.00000	-2.6767	-0.50000	0.0	0.0	0.0	0.0
23.00000	46.00000	0.00000	-2.6782	-0.50000	0.0	0.0	0.0	0.0
24.00000	46.00000	0.00000	-2.6723	-0.50000	0.0	0.0	0.0	0.0
25.00000	46.00000	0.00000	-2.6586	-0.50000	0.0	0.0	0.0	0.0
26.00000	46.00000	0.00000	-2.6370	-0.50000	0.0	0.0	0.0	0.0
27.00000	46.00000	0.00000	-2.6071	-0.50000	0.0	0.0		



73-75 Avenue Road, NW8

Short-term Heave

Name	Location			Stresses				
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	42.00000	48.00000	0.00000	-1.0493	-0.50000	0.0	0.0	0.0
	43.00000	48.00000	0.00000	-0.96626	-0.50000	0.0	0.0	0.0
	44.00000	48.00000	0.00000	-0.88414	-0.50000	0.0	0.0	0.0
	45.00000	48.00000	0.00000	-0.80339	-0.50000	0.0	0.0	0.0
	46.00000	48.00000	0.00000	-0.72441	-0.50000	0.0	0.0	0.0
	47.00000	48.00000	0.00000	-0.64753	-0.50000	0.0	0.0	0.0
	48.00000	48.00000	0.00000	-0.57303	-0.50000	0.0	0.0	0.0
	49.00000	48.00000	0.00000	-0.50111	-0.50000	0.0	0.0	0.0
	50.00000	48.00000	0.00000	-0.43195	-0.50000	0.0	0.0	0.0
	51.00000	48.00000	0.00000	-0.36567	-0.50000	0.0	0.0	0.0
	52.00000	48.00000	0.00000	-0.30235	-0.50000	0.0	0.0	0.0
	53.00000	48.00000	0.00000	-0.24204	-0.50000	0.0	0.0	0.0
	54.00000	48.00000	0.00000	-0.18474	-0.50000	0.0	0.0	0.0
	55.00000	48.00000	0.00000	-0.13046	-0.50000	0.0	0.0	0.0
	56.00000	48.00000	0.00000	-0.079157	-0.50000	0.0	0.0	0.0
	57.00000	48.00000	0.00000	-0.030779	-0.50000	0.0	0.0	0.0
	58.00000	48.00000	0.00000	0.014734	-0.50000	0.0	0.0	0.0
	59.00000	48.00000	0.00000	0.057460	-0.50000	0.0	0.0	0.0
	60.00000	48.00000	0.00000	0.097481	-0.50000	0.0	0.0	0.0
	-20.00000	49.00000	0.00000	0.15061	-0.50000	0.0	0.0	0.0
	-19.00000	49.00000	0.00000	0.11634	-0.50000	0.0	0.0	0.0
	-18.00000	49.00000	0.00000	0.079914	-0.50000	0.0	0.0	0.0
	-17.00000	49.00000	0.00000	0.041302	-0.50000	0.0	0.0	0.0
	-16.00000	49.00000	0.00000	472.06E-6	-0.50000	0.0	0.0	0.0
	-15.00000	49.00000	0.00000	-0.042593	-0.50000	0.0	0.0	0.0
	-14.00000	49.00000	0.00000	-0.087895	-0.50000	0.0	0.0	0.0
	-13.00000	49.00000	0.00000	-0.13542	-0.50000	0.0	0.0	0.0
	-12.00000	49.00000	0.00000	-0.18515	-0.50000	0.0	0.0	0.0
	-11.00000	49.00000	0.00000	-0.23701	-0.50000	0.0	0.0	0.0
	-10.00000	49.00000	0.00000	-0.29095	-0.50000	0.0	0.0	0.0
	-9.00000	49.00000	0.00000	-0.34687	-0.50000	0.0	0.0	0.0
	-8.00000	49.00000	0.00000	-0.40465	-0.50000	0.0	0.0	0.0
	-7.00000	49.00000	0.00000	-0.46414	-0.50000	0.0	0.0	0.0
	-6.00000	49.00000	0.00000	-0.52517	-0.50000	0.0	0.0	0.0
	-5.00000	49.00000	0.00000	-0.58756	-0.50000	0.0	0.0	0.0
	-4.00000	49.00000	0.00000	-0.65108	-0.50000	0.0	0.0	0.0
	-3.00000	49.00000	0.00000	-0.71549	-0.50000	0.0	0.0	0.0
	-2.00000	49.00000	0.00000	-0.78052	-0.50000	0.0	0.0	0.0
	-1.00000	49.00000	0.00000	-0.84591	-0.50000	0.0	0.0	0.0
	0.00000	49.00000	0.00000	-0.91137	-0.50000	0.0	0.0	0.0
	1.00000	49.00000	0.00000	-0.97659	-0.50000	0.0	0.0	0.0
	2.00000	49.00000	0.00000	-1.0413	-0.50000	0.0	0.0	0.0
	3.00000	49.00000	0.00000	-1.1051	-0.50000	0.0	0.0	0.0
	4.00000	49.00000	0.00000	-1.1679	-0.50000	0.0	0.0	0.0
	5.00000	49.00000	0.00000	-1.2292	-0.50000	0.0	0.0	0.0
	6.00000	49.00000	0.00000	-1.2888	-0.50000	0.0	0.0	0.0
	7.00000	49.00000	0.00000	-1.3465	-0.50000	0.0	0.0	0.0
	8.00000	49.00000	0.00000	-1.4020	-0.50000	0.0	0.0	0.0
	9.00000	49.00000	0.00000	-1.4551	-0.50000	0.0	0.0	0.0
	10.00000	49.00000	0.00000	-1.5055	-0.50000	0.0	0.0	0.0
	11.00000	49.00000	0.00000	-1.5531	-0.50000	0.0	0.0	0.0
	12.00000	49.00000	0.00000	-1.5977	-0.50000	0.0	0.0	0.0
	13.00000	49.00000	0.00000	-1.6390	-0.50000	0.0	0.0	0.0
	14.00000	49.00000	0.00000	-1.6769	-0.50000	0.0	0.0	0.0
	15.00000	49.00000	0.00000	-1.7112	-0.50000	0.0	0.0	0.0
	16.00000	49.00000	0.00000	-1.7418	-0.50000	0.0	0.0	0.0
	17.00000	49.00000	0.00000	-1.7684	-0.50000	0.0	0.0	0.0
	18.00000	49.00000	0.00000	-1.7908	-0.50000	0.0	0.0	0.0
	19.00000	49.00000	0.00000	-1.8088	-0.50000	0.0	0.0	0.0
	20.00000	49.00000	0.00000	-1.8223	-0.50000	0.0	0.0	0.0
	21.00000	49.00000	0.00000	-1.8311	-0.50000	0.0	0.0	0.0
	22.00000	49.00000	0.00000	-1.8349	-0.50000	0.0	0.0	0.0
	23.00000	49.00000	0.00000	-1.8336	-0.50000	0.0	0.0	0.0
	24.00000	49.00000	0.00000	-1.8270	-0.50000	0.0	0.0	0.0
	25.00000	49.00000	0.00000	-1.8150	-0.50000	0.0	0.0	0.0
	26.00000	49.00000	0.00000	-1.7976	-0.50000	0.0	0.0	0.0
	27.00000	49.00000	0.00000	-1.7746	-0.50000	0.0	0.0	0.0
	28.00000	49.00000	0.00000	-1.7462	-0.50000	0.0	0.0	0.0
	29.00000	49.00000	0.00000	-1.7123	-0.50000	0.0	0.0	0.0
	30.00000	49.00000	0.00000	-1.6731	-0.50000	0.0	0.0	0.0
	31.00000	49.00000	0.00000	-1.6287	-0.50000	0.0	0.0	0.0
	32.00000	49.00000	0.00000	-1.5795	-0.50000	0.0	0.0	0.0
	33.00000	49.00000	0.00000	-1.5257	-0.50000	0.0	0.0	0.0
	34.00000	49.00000	0.00000	-1.4677	-0.50000	0.0	0.0	0.0
	35.00000	49.00000	0.00000	-1.4055	-0.50000	0.0	0.0	0.0
	36.00000	49.00000	0.00000	-1.3407	-0.50000	0.0	0.0	0.0
	37.00000	49.00000	0.00000	-1.2727	-0.50000	0.0	0.0	0.0
	38.00000	49.00000	0.00000	-1.2024	-0.50000	0.0	0.0	0.0
	39.00000	49.00000	0.00000	-1.1303	-0.50000	0.0	0.0	0.0
	40.00000	49.00000	0.00000	-1.0570	-0.50000	0.0	0.0	0.0
	41.00000	49.00000	0.00000	-0.98291	-0.50000	0.0	0.0	0.0
	42.00000	49.00000	0.00000	-0.90862	-0.50000	0.0	0.0	0.0
	43.00000	49.00000	0.00000	-0.83458	-0.50000	0.0	0.0	0.0
	44.00000	49.00000	0.00000	-0.76123	-0.50000	0.0	0.0	0.0
	45.00000	49.00000	0.00000	-0.68997	-0.50000	0.0	0.0	0.0
	46.00000	49.00000	0.00000	-0.61813	-0.50000	0.0	0.0	0.0
	47.00000	49.00000	0.00000	-0.54902	-0.50000	0.0	0.0	0.0
	48.00000	49.00000	0.00000	-0.48190	-0.50000	0.0	0.0	0.0
	49.00000	49.00000	0.00000	-0.41695	-0.50000	0.0	0.0	0.0
	50.00000	49.00000	0.00000	-0.35436	-0.50000	0.0	0.0	0.0
	51.00000	49.00000	0.00000	-0.29424	-0.50000	0.0	0.0	0.0
	52.00000	49.00000	0.00000	-0.23669	-0.50000	0.0	0.0	0.0
	53.00000	49.00000	0.00000	-0.18175	-0.50000	0.0	0.0	0.0
	54.00000	49.00000	0.00000	-0.12947	-0.50000	0.0	0.0	0.0
	55.00000	49.00000	0.00000	-0.079841	-0.50000	0.0	0.0	0.0
	56.00000	49.00000	0.00000	-0.032854	-0.50000	0.0	0.0	0.0
	57.00000	49.00000	0.00000	0.011523	-0.50000	0.0	0.0	0.0
	58.00000	49.00000	0.00000	0.053335	-0.50000	0.0	0.0	0.0
	59.00000	49.00000	0.00000	0.092639	-0.50000	0.0	0.0	0.0
	60.00000	49.00000	0.00000	0.12950	-0.50000	0.0	0.0	0.0
	-20.00000	50.00000	0.00000	0.18074	-0.50000	0.0	0.0	0.0
	-19.00000	50.00000	0.00000	0.14930	-0.50000	0.0	0.0	0.0
	-18.00000	50.00000	0.00000	0.11592	-0.50000	0.0	0.0	0.0
	-17.00000	50.00000	0.00000	0.080562	-0.50000	0.0	0.0	0.0
	-16.00000	50.00000	0.00000	0.043216	-0.50000	0.0	0.0	0.0
	-15.00000	50.00000	0.00000	0.0038718	-0.50000	0.0	0.0	0.0
	-14.00000	50.00000	0.00000	-0.037468	-0.50000	0.0	0.0	0.0
	-13.00000	50.00000	0.00000	-0.080785	-0.50000	0.0	0.0	0.0
	-12.00000	50.00000	0.00000	-0.12604	-0.50000	0.0		

Short-term Heave

Name	Location		Stresses					
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
0.00000	-19.00000	-8.50000	-0.88101	-8.9310	-156.43E-6	-0.77624	8.9491E-6	
1.00000	-19.00000	-8.50000	-0.94632	-8.9310	-167.13E-6	-0.80683	9.3016E-6	
2.00000	-19.00000	-8.50000	-1.0110	-8.9310	-177.88E-6	-0.83719	9.6514E-6	
3.00000	-19.00000	-8.50000	-1.0746	-8.9310	-188.57E-6	-0.86711	9.9962E-6	
4.00000	-19.00000	-8.50000	-1.1368	-8.9310	-199.08E-6	-0.89638	10.334E-6	
5.00000	-19.00000	-8.50000	-1.1971	-8.9310	-209.30E-6	-0.92480	10.661E-6	
6.00000	-19.00000	-8.50000	-1.2554	-8.9310	-219.13E-6	-0.95217	10.976E-6	
7.00000	-19.00000	-8.50000	-1.3111	-8.9310	-228.49E-6	-0.97832	11.278E-6	
8.00000	-19.00000	-8.50000	-1.3639	-8.9310	-237.29E-6	-1.0031	11.561E-6	
9.00000	-19.00000	-8.50000	-1.4136	-8.9310	-245.48E-6	-1.0263	11.830E-6	
10.00000	-19.00000	-8.50000	-1.4598	-8.9310	-253.00E-6	-1.0478	12.078E-6	
11.00000	-19.00000	-8.50000	-1.5023	-8.9310	-259.83E-6	-1.0675	12.305E-6	
12.00000	-19.00000	-8.50000	-1.5409	-8.9310	-265.94E-6	-1.0853	12.511E-6	
13.00000	-19.00000	-8.50000	-1.5753	-8.9310	-271.31E-6	-1.1012	12.694E-6	
14.00000	-19.00000	-8.50000	-1.6055	-8.9310	-275.96E-6	-1.1150	12.853E-6	
15.00000	-19.00000	-8.50000	-1.6311	-8.9310	-279.87E-6	-1.1268	12.988E-6	
16.00000	-19.00000	-8.50000	-1.6522	-8.9310	-283.05E-6	-1.1364	13.100E-6	
17.00000	-19.00000	-8.50000	-1.6687	-8.9310	-285.51E-6	-1.1439	13.186E-6	
18.00000	-19.00000	-8.50000	-1.6804	-8.9310	-287.23E-6	-1.1493	13.248E-6	
19.00000	-19.00000	-8.50000	-1.6872	-8.9310	-288.29E-6	-1.1524	13.284E-6	
20.00000	-19.00000	-8.50000	-1.6893	-8.9310	-288.61E-6	-1.1534	13.295E-6	
21.00000	-19.00000	-8.50000	-1.6865	-8.9310	-288.24E-6	-1.1521	13.281E-6	
22.00000	-19.00000	-8.50000	-1.6789	-8.9310	-287.15E-6	-1.1487	13.242E-6	
23.00000	-19.00000	-8.50000	-1.6665	-8.9310	-285.35E-6	-1.1431	13.177E-6	
24.00000	-19.00000	-8.50000	-1.6494	-8.9310	-282.84E-6	-1.1354	13.088E-6	
25.00000	-19.00000	-8.50000	-1.6276	-8.9310	-279.62E-6	-1.1255	12.974E-6	
26.00000	-19.00000	-8.50000	-1.6013	-8.9310	-275.65E-6	-1.1135	12.836E-6	
27.00000	-19.00000	-8.50000	-1.5705	-8.9310	-270.96E-6	-1.0994	12.673E-6	
28.00000	-19.00000	-8.50000	-1.5354	-8.9310	-265.53E-6	-1.0833	12.488E-6	
29.00000	-19.00000	-8.50000	-1.4962	-8.9310	-259.38E-6	-1.0653	12.280E-6	
30.00000	-19.00000	-8.50000	-1.4531	-8.9310	-252.51E-6	-1.0453	12.050E-6	
31.00000	-19.00000	-8.50000	-1.4063	-8.9310	-244.94E-6	-1.0236	11.800E-6	
32.00000	-19.00000	-8.50000	-1.3561	-8.9310	-236.72E-6	-1.0002	11.530E-6	
33.00000	-19.00000	-8.50000	-1.3028	-8.9310	-227.88E-6	-0.97530	11.243E-6	
34.00000	-19.00000	-8.50000	-1.2466	-8.9310	-218.49E-6	-0.94898	10.940E-6	
35.00000	-19.00000	-8.50000	-1.1880	-8.9310	-208.63E-6	-0.92145	10.622E-6	
36.00000	-19.00000	-8.50000	-1.1272	-8.9310	-198.38E-6	-0.89289	10.293E-6	
37.00000	-19.00000	-8.50000	-1.0647	-8.9310	-187.85E-6	-0.86349	9.9545E-6	
38.00000	-19.00000	-8.50000	-1.0007	-8.9310	-177.15E-6	-0.83346	9.6085E-6	
39.00000	-19.00000	-8.50000	-0.93583	-8.9310	-166.38E-6	-0.80301	9.2576E-6	
40.00000	-19.00000	-8.50000	-0.87031	-8.9310	-155.67E-6	-0.77234	8.9042E-6	
41.00000	-19.00000	-8.50000	-0.80454	-8.9310	-145.11E-6	-0.74166	8.5506E-6	
42.00000	-19.00000	-8.50000	-0.73889	-8.9310	-134.81E-6	-0.71116	8.1991E-6	
43.00000	-19.00000	-8.50000	-0.67369	-8.9310	-124.85E-6	-0.68100	7.8516E-6	
44.00000	-19.00000	-8.50000	-0.60925	-8.9310	-115.30E-6	-0.65135	7.5099E-6	
45.00000	-19.00000	-8.50000	-0.54587	-8.9310	-106.22E-6	-0.62235	7.1756E-6	
46.00000	-19.00000	-8.50000	-0.48375	-8.9310	-97.649E-6	-0.59410	6.8500E-6	
47.00000	-19.00000	-8.50000	-0.42324	-8.9310	-89.606E-6	-0.56670	6.5342E-6	
48.00000	-19.00000	-8.50000	-0.36441	-8.9310	-82.104E-6	-0.54022	6.2290E-6	
49.00000	-19.00000	-8.50000	-0.30746	-8.9310	-75.142E-6	-0.51472	5.9351E-6	
50.00000	-19.00000	-8.50000	-0.25252	-8.9310	-68.709E-6	-0.49023	5.6528E-6	
51.00000	-19.00000	-8.50000	-0.19968	-8.9310	-62.788E-6	-0.46677	5.3824E-6	
52.00000	-19.00000	-8.50000	-0.14904	-8.9310	-57.355E-6	-0.44435	5.1239E-6	
53.00000	-19.00000	-8.50000	-0.10063	-8.9310	-52.383E-6	-0.42396	4.8773E-6	
54.00000	-19.00000	-8.50000	-0.054489	-8.9310	-47.842E-6	-0.40258	4.6425E-6	
55.00000	-19.00000	-8.50000	-0.010630	-8.9310	-43.702E-6	-0.38321	4.4191E-6	
56.00000	-19.00000	-8.50000	0.030953	-8.9310	-39.933E-6	-0.36480	4.2069E-6	
57.00000	-19.00000	-8.50000	0.070881	-8.9310	-36.505E-6	-0.34733	4.0055E-6	
58.00000	-19.00000	-8.50000	0.10738	-8.9310	-33.389E-6	-0.33076	3.8145E-6	
59.00000	-19.00000	-8.50000	0.14230	-8.9310	-30.557E-6	-0.31506	3.6334E-6	
60.00000	-19.00000	-8.50000	0.17509	-8.9310	-27.985E-6	-0.30018	3.4629E-6	
-20.00000	-18.00000	-8.50000	0.13686	-8.9310	-30.763E-6	-0.31659	3.6511E-6	
-19.00000	-18.00000	-8.50000	0.10086	-8.9310	-33.679E-6	-0.33276	3.8374E-6	
-18.00000	-18.00000	-8.50000	0.062501	-8.9310	-36.903E-6	-0.34966	4.0346E-6	
-17.00000	-18.00000	-8.50000	0.021730	-8.9310	-40.466E-6	-0.36794	4.2431E-6	
-16.00000	-18.00000	-8.50000	-0.021508	-8.9310	-44.404E-6	-0.38706	4.4636E-6	
-15.00000	-18.00000	-8.50000	-0.067253	-8.9310	-48.753E-6	-0.40726	4.6964E-6	
-14.00000	-18.00000	-8.50000	-0.11554	-8.9310	-53.554E-6	-0.42858	4.9429E-6	
-13.00000	-18.00000	-8.50000	-0.16637	-8.9310	-58.848E-6	-0.45106	5.2013E-6	
-12.00000	-18.00000	-8.50000	-0.21975	-8.9310	-64.678E-6	-0.47473	5.4742E-6	
-11.00000	-18.00000	-8.50000	-0.27545	-8.9310	-71.083E-6	-0.49942	5.7649E-6	
-10.00000	-18.00000	-8.50000	-0.33402	-8.9310	-78.106E-6	-0.52574	6.0622E-6	
-9.00000	-18.00000	-8.50000	-0.39479	-8.9310	-85.781E-6	-0.55310	6.3775E-6	
-8.00000	-18.00000	-8.50000	-0.45785	-8.9310	-94.140E-6	-0.58168	6.7068E-6	
-7.00000	-18.00000	-8.50000	-0.52306	-8.9310	-103.20E-6	-0.61144	7.0499E-6	
-6.00000	-18.00000	-8.50000	-0.59025	-8.9310	-112.98E-6	-0.64234	7.4060E-6	
-5.00000	-18.00000	-8.50000	-0.65921	-8.9310	-123.46E-6	-0.67429	7.7742E-6	
-4.00000	-18.00000	-8.50000	-0.72968	-8.9310	-134.62E-6	-0.70720	8.1544E-6	
-3.00000	-18.00000	-8.50000	-0.80140	-8.9310	-146.41E-6	-0.74092	8.5420E-6	
-2.00000	-18.00000	-8.50000	-0.87402	-8.9310	-158.77E-6	-0.77530	8.9382E-6	
-1.00000	-18.00000	-8.50000	-0.94719	-8.9310	-171.61E-6	-0.81016	9.3399E-6	
0.00000	-18.00000	-8.50000	-1.02005	-8.9310	-184.80E-6	-0.84528	9.7469E-6	
1.00000	-18.00000	-8.50000	-1.0936	-8.9310	-198.23E-6	-0.88043	10.150E-6	
2.00000	-18.00000	-8.50000	-1.1660	-8.9310	-211.73E-6	-0.91536	10.552E-6	
3.00000	-18.00000	-8.50000	-1.2373	-8.9310	-225.17E-6	-0.95092	10.954E-6	
4.00000	-18.00000	-8.50000	-1.3070	-8.9310	-238.37E-6	-0.98357	11.338E-6	
5.00000	-18.00000	-8.50000	-1.3748	-8.9310	-251.20E-6	-1.0163	11.715E-6	
6.00000	-18.00000	-8.50000	-1.4401	-8.9310	-263.53E-6	-1.0479	12.079E-6	
7.00000	-18.00000	-8.50000	-1.5025	-8.9310	-275.22E-6	-1.0780	12.426E-6	
8.00000	-18.00000	-8.50000	-1.5618	-8.9310	-286.19E-6	-1.1065	12.754E-6	
9.00000	-18.00000	-8.50000	-1.6174	-8.9310	-296.35E-6	-1.1332	13.062E-6	
10.00000	-18.00000	-8.50000	-1.6692	-8.9310	-305.66E-6	-1.1579	13.354E-6	
11.00000	-18.00000	-8.50000	-1.7168	-8.9310	-314.07E-6	-1.1805	13.607E-6	
12.00000	-18.00000	-8.50000	-1.7600	-8.9310	-321.57E-6	-1.2009	13.842E-6	
13.00000	-18.00000	-8.50000	-1.79800					

Name	X	Location	Z[Level]	Z	Calc Level	Vert Stress	Stresses	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[kN/m²]	[-]
39.00000	-16.00000	-8.50000	-1.4172	-8.9310	-284.94E-6	-1.0537	12.145E-6		
40.00000	-16.00000	-8.50000	-1.3250	-8.9310	-263.06E-6	-1.0064	11.600E-6		
41.00000	-16.00000	-8.50000	-1.2327	-8.9310	-241.70E-6	-0.95932	11.058E-6		
42.00000	-16.00000	-8.50000	-1.1410	-8.9310	-221.11E-6	-0.91290	10.523E-6		
43.00000	-16.00000	-8.50000	-1.0503	-8.9310	-201.49E-6	-0.86742	9.9994E-6		
44.00000	-16.00000	-8.50000	-0.96103	-8.9310	-181.00E-6	-0.82315	9.4893E-6		
45.00000	-16.00000	-8.50000	-0.87372	-8.9310	-165.75E-6	-0.78030	8.9956E-6		
46.00000	-16.00000	-8.50000	-0.78867	-8.9310	-149.79E-6	-0.73904	8.5202E-6		
47.00000	-16.00000	-8.50000	-0.70618	-8.9310	-135.14E-6	-0.69590	8.0646E-6		
48.00000	-16.00000	-8.50000	-0.62650	-8.9310	-121.77E-6	-0.66175	7.6296E-6		
49.00000	-16.00000	-8.50000	-0.54981	-8.9310	-109.64E-6	-0.62584	7.2157E-6		
50.00000	-16.00000	-8.50000	-0.47626	-8.9310	-98.673E-6	-0.59177	6.8233E-6		
51.00000	-16.00000	-8.50000	-0.40593	-8.9310	-88.801E-6	-0.55952	6.4514E-6		
52.00000	-16.00000	-8.50000	-0.33888	-8.9310	-79.935E-6	-0.52907	6.1004E-6		
53.00000	-16.00000	-8.50000	-0.27514	-8.9310	-71.987E-6	-0.50035	5.7694E-6		
54.00000	-16.00000	-8.50000	-0.21470	-8.9310	-64.873E-6	-0.47329	5.4576E-6		
55.00000	-16.00000	-8.50000	-0.15752	-8.9310	-58.510E-6	-0.44784	5.1642E-6		
56.00000	-16.00000	-8.50000	-0.10355	-8.9310	-52.822E-6	-0.42391	4.8883E-6		
57.00000	-16.00000	-8.50000	-0.05230	-8.9310	-47.737E-6	-0.40142	4.6290E-6		
58.00000	-16.00000	-8.50000	-0.0049755	-8.9310	-43.191E-6	-0.38029	4.3855E-6		
59.00000	-16.00000	-8.50000	0.039805	-8.9310	-39.125E-6	-0.36045	4.1567E-6		
60.00000	-16.00000	-8.50000	0.081711	-8.9310	-35.485E-6	-0.34181	3.9418E-6		
-20.00000	-15.00000	-8.50000	0.036547	-8.9310	-39.070E-6	-0.36083	4.1611E-6		
-19.00000	-15.00000	-8.50000	-0.0092764	-8.9310	-43.204E-6	-0.38111	4.3949E-6		
-18.00000	-15.00000	-8.50000	-0.059270	-8.9310	-47.842E-6	-0.40275	4.6444E-6		
-17.00000	-15.00000	-8.50000	-0.11055	-8.9310	-53.053E-6	-0.42586	4.9107E-6		
-16.00000	-15.00000	-8.50000	-0.16623	-8.9310	-58.912E-6	-0.45052	5.1951E-6		
-15.00000	-15.00000	-8.50000	-0.22542	-8.9310	-65.503E-6	-0.47685	5.4986E-6		
-14.00000	-15.00000	-8.50000	-0.28819	-8.9310	-72.921E-6	-0.50495	5.8225E-6		
-13.00000	-15.00000	-8.50000	-0.35462	-8.9310	-81.269E-6	-0.53491	6.1678E-6		
-12.00000	-15.00000	-8.50000	-0.42477	-8.9310	-90.660E-6	-0.56684	6.5358E-6		
-11.00000	-15.00000	-8.50000	-0.49865	-8.9310	-101.21E-6	-0.60083	6.9275E-6		
-10.00000	-15.00000	-8.50000	-0.57627	-8.9310	-113.06E-6	-0.63695	7.3421E-6		
-9.00000	-15.00000	-8.50000	-0.65758	-8.9310	-126.32E-6	-0.67529	7.7856E-6		
-8.00000	-15.00000	-8.50000	-0.74249	-8.9310	-141.12E-6	-0.71587	8.2532E-6		
-7.00000	-15.00000	-8.50000	-0.83086	-8.9310	-157.57E-6	-0.75871	8.7469E-6		
-6.00000	-15.00000	-8.50000	-0.92250	-8.9310	-175.76E-6	-0.80379	9.2662E-6		
-5.00000	-15.00000	-8.50000	-1.0171	-8.9310	-195.75E-6	-0.85103	9.8105E-6		
-4.00000	-15.00000	-8.50000	-1.1145	-8.9310	-217.54E-6	-0.90031	10.378E-6		
-3.00000	-15.00000	-8.50000	-1.2141	-8.9310	-241.08E-6	-0.95143	10.974E-6		
-2.00000	-15.00000	-8.50000	-1.3155	-8.9310	-266.25E-6	-1.0041	11.574E-6		
-1.00000	-15.00000	-8.50000	-1.4182	-8.9310	-292.83E-6	-1.0581	12.196E-6		
0.00000	-15.00000	-8.50000	-1.5216	-8.9310	-320.54E-6	-1.1129	12.827E-6		
1.00000	-15.00000	-8.50000	-1.6249	-8.9310	-349.02E-6	-1.1682	13.464E-6		
2.00000	-15.00000	-8.50000	-1.7276	-8.9310	-377.85E-6	-1.2234	14.100E-6		
3.00000	-15.00000	-8.50000	-1.8289	-8.9310	-406.58E-6	-1.2780	14.729E-6		
4.00000	-15.00000	-8.50000	-1.9281	-8.9310	-434.77E-6	-1.3315	15.351E-6		
5.00000	-15.00000	-8.50000	-2.0245	-8.9310	-462.00E-6	-1.3835	15.944E-6		
6.00000	-15.00000	-8.50000	-2.1173	-8.9310	-487.89E-6	-1.4334	16.519E-6		
7.00000	-15.00000	-8.50000	-2.2060	-8.9310	-512.16E-6	-1.4809	17.065E-6		
8.00000	-15.00000	-8.50000	-2.2900	-8.9310	-534.59E-6	-1.5266	17.580E-6		
9.00000	-15.00000	-8.50000	-2.3688	-8.9310	-555.04E-6	-1.5672	18.059E-6		
10.00000	-15.00000	-8.50000	-2.4419	-8.9310	-573.44E-6	-1.6035	18.500E-6		
11.00000	-15.00000	-8.50000	-2.5090	-8.9310	-589.77E-6	-1.6403	18.902E-6		
12.00000	-15.00000	-8.50000	-2.5696	-8.9310	-604.08E-6	-1.6716	19.262E-6		
13.00000	-15.00000	-8.50000	-2.6236	-8.9310	-616.42E-6	-1.6992	19.580E-6		
14.00000	-15.00000	-8.50000	-2.6707	-8.9310	-626.88E-6	-1.7231	19.855E-6		
15.00000	-15.00000	-8.50000	-2.7107	-8.9310	-635.38E-6	-1.7432	20.088E-6		
16.00000	-15.00000	-8.50000	-2.7435	-8.9310	-642.48E-6	-1.7597	20.277E-6		
17.00000	-15.00000	-8.50000	-2.7690	-8.9310	-647.78E-6	-1.7724	20.424E-6		
18.00000	-15.00000	-8.50000	-2.7871	-8.9310	-651.50E-6	-1.7815	20.538E-6		
19.00000	-15.00000	-8.50000	-2.7978	-8.9310	-653.70E-6	-1.7868	20.590E-6		
20.00000	-15.00000	-8.50000	-2.8010	-8.9310	-654.40E-6	-1.7885	20.609E-6		
21.00000	-15.00000	-8.50000	-2.7967	-8.9310	-653.60E-6	-1.7864	20.585E-6		
22.00000	-15.00000	-8.50000	-2.7850	-8.9310	-651.31E-6	-1.7807	20.519E-6		
23.00000	-15.00000	-8.50000	-2.7658	-8.9310	-647.49E-6	-1.7712	20.410E-6		
24.00000	-15.00000	-8.50000	-2.7393	-8.9310	-642.09E-6	-1.7581	20.259E-6		
25.00000	-15.00000	-8.50000	-2.7058	-8.9310	-635.05E-6	-1.7412	20.065E-6		
26.00000	-15.00000	-8.50000	-2.6644	-8.9310	-626.30E-6	-1.7207	19.828E-6		
27.00000	-15.00000	-8.50000	-2.6164	-8.9310	-615.75E-6	-1.6964	19.548E-6		
28.00000	-15.00000	-8.50000	-2.5615	-8.9310	-603.32E-6	-1.6684	19.229E-6		
29.00000	-15.00000	-8.50000	-2.4999	-8.9310	-588.93E-6	-1.6368	18.861E-6		
30.00000	-15.00000	-8.50000	-2.4320	-8.9310	-572.51E-6	-1.6016	18.456E-6		
31.00000	-15.00000	-8.50000	-2.3580	-8.9310	-554.03E-6	-1.5630	18.011E-6		
32.00000	-15.00000	-8.50000	-2.2784	-8.9310	-533.51E-6	-1.5211	17.528E-6		
33.00000	-15.00000	-8.50000	-2.1937	-8.9310	-511.01E-6	-1.4761	17.010E-6		
34.00000	-15.00000	-8.50000	-2.1043	-8.9310	-486.68E-6	-1.4284	16.460E-6		
35.00000	-15.00000	-8.50000	-2.0108	-8.9310	-460.72E-6	-1.3792	15.893E-6		
36.00000	-15.00000	-8.50000	-1.9138	-8.9310	-433.45E-6	-1.3260	15.282E-6		
37.00000	-15.00000	-8.50000	-1.8141	-8.9310	-405.22E-6	-1.2723	14.633E-6		
38.00000	-15.00000	-8.50000	-1.7124	-8.9310	-376.45E-6	-1.2175	14.032E-6		
39.00000	-15.00000	-8.50000	-1.6093	-8.9310	-347.60E-6	-1.1622	13.395E-6		
40.00000	-15.00000	-8.50000	-1.5056	-8.9310	-319.10E-6	-1.1068	12.757E-6		
41.00000	-15.00000	-8.50000	-1.4020	-8.9310	-291.38E-6	-1.0519	12.125E-6		
42.00000	-15.00000	-8.50000	-1.2992	-8.9310	-264.80E-6	-1.0000	11.494E-6		
43.00000	-15.00000	-8.50000	-1.1976	-8.9310	-239.64E-6	-0.94517	10.895E-6		
44.00000	-15.00000	-8.50000	-1.0980	-8.9310	-216.12E-6	-0.89406	10.306E-6		
45.00000	-15.00000	-8.50000	-1.0007	-8.9310	-194.35E-6	-0.84481	9.7388E-6		
46.00000	-15.00000	-8.50000	-0.90613	-8.9310	-174.39E-6	-0.79762	9.1925E-6		
47.00000	-15.00000	-8.50000	-0.81464	-8.9310	-156.24E-6	-0.75262	8.6767E-6		
48.00000	-15.00000	-8.50000	-0.72647	-8.9310	-139.83E-6	-0.70988	8.1841E-6		
49.00000	-15.00000								

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Stresses		
	X [m]	Y [m]			Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]
-3.00000	-12.00000	-8.50000	-1.7414	-8.9310	-427.16E-6	-1.2548	14.460E-6
-2.00000	-12.00000	-8.50000	-1.8851	-8.9310	-485.08E-6	-1.3405	15.447E-6
-1.00000	-12.00000	-8.50000	-2.0316	-8.9310	-548.03E-6	-1.4296	16.473E-6
0.00000	-12.00000	-8.50000	-2.1800	-8.9310	-615.21E-6	-1.5213	17.528E-6
1.00000	-12.00000	-8.50000	-2.3292	-8.9310	-685.42E-6	-1.6146	18.602E-6
2.00000	-12.00000	-8.50000	-2.4779	-8.9310	-757.17E-6	-1.7085	19.682E-6
3.00000	-12.00000	-8.50000	-2.6249	-8.9310	-828.79E-6	-1.8016	20.754E-6
4.00000	-12.00000	-8.50000	-2.7688	-8.9310	-898.62E-6	-1.8929	21.804E-6
5.00000	-12.00000	-8.50000	-2.9086	-8.9310	-965.15E-6	-1.9810	22.815E-6
6.00000	-12.00000	-8.50000	-3.0430	-8.9310	-0.0010272	-2.0652	23.788E-6
7.00000	-12.00000	-8.50000	-3.1711	-8.9310	-0.0010839	-2.1445	24.701E-6
8.00000	-12.00000	-8.50000	-3.2919	-8.9310	-0.0011348	-2.2183	25.551E-6
9.00000	-12.00000	-8.50000	-3.4046	-8.9310	-0.0011799	-2.2862	26.332E-6
10.00000	-12.00000	-8.50000	-3.5087	-8.9310	-0.0012192	-2.3480	27.043E-6
11.00000	-12.00000	-8.50000	-3.6037	-8.9310	-0.0012530	-2.4034	27.682E-6
12.00000	-12.00000	-8.50000	-3.6893	-8.9310	-0.0012818	-2.4526	28.248E-6
13.00000	-12.00000	-8.50000	-3.7651	-8.9310	-0.0013059	-2.4956	28.743E-6
14.00000	-12.00000	-8.50000	-3.8309	-8.9310	-0.0013258	-2.5324	29.167E-6
15.00000	-12.00000	-8.50000	-3.8867	-8.9310	-0.0013420	-2.5632	29.522E-6
16.00000	-12.00000	-8.50000	-3.9322	-8.9310	-0.0013547	-2.5881	29.809E-6
17.00000	-12.00000	-8.50000	-3.9675	-8.9310	-0.0013643	-2.6073	30.030E-6
18.00000	-12.00000	-8.50000	-3.9926	-8.9310	-0.0013709	-2.6208	30.186E-6
19.00000	-12.00000	-8.50000	-4.0073	-8.9310	-0.0013748	-2.6288	30.278E-6
20.00000	-12.00000	-8.50000	-4.0118	-8.9310	-0.0013761	-2.6313	30.306E-6
21.00000	-12.00000	-8.50000	-4.0059	-8.9310	-0.0013747	-2.6282	30.271E-6
22.00000	-12.00000	-8.50000	-3.9898	-8.9310	-0.0013706	-2.6197	30.173E-6
23.00000	-12.00000	-8.50000	-3.9633	-8.9310	-0.0013638	-2.6056	30.010E-6
24.00000	-12.00000	-8.50000	-3.9266	-8.9310	-0.0013541	-2.5858	29.782E-6
25.00000	-12.00000	-8.50000	-3.8796	-8.9310	-0.0013412	-2.5603	29.489E-6
26.00000	-12.00000	-8.50000	-3.8225	-8.9310	-0.0013249	-2.5290	29.128E-6
27.00000	-12.00000	-8.50000	-3.7554	-8.9310	-0.0013048	-2.4916	28.697E-6
28.00000	-12.00000	-8.50000	-3.6783	-8.9310	-0.0012805	-2.4481	28.197E-6
29.00000	-12.00000	-8.50000	-3.5915	-8.9310	-0.0012516	-2.3984	27.624E-6
30.00000	-12.00000	-8.50000	-3.4953	-8.9310	-0.0012176	-2.3425	26.980E-6
31.00000	-12.00000	-8.50000	-3.3900	-8.9310	-0.0011782	-2.2802	26.263E-6
32.00000	-12.00000	-8.50000	-3.2761	-8.9310	-0.0011330	-2.2119	25.476E-6
33.00000	-12.00000	-8.50000	-3.1543	-8.9310	-0.0010820	-2.1376	24.622E-6
34.00000	-12.00000	-8.50000	-3.0253	-8.9310	-0.0010251	-2.0579	23.704E-6
35.00000	-12.00000	-8.50000	-2.8900	-8.9310	-963.00E-6	-1.9734	22.732E-6
36.00000	-12.00000	-8.50000	-2.7495	-8.9310	-896.39E-6	-1.8849	21.693E-6
37.00000	-12.00000	-8.50000	-2.6048	-8.9310	-826.49E-6	-1.7934	20.600E-6
38.00000	-12.00000	-8.50000	-2.4572	-8.9310	-754.82E-6	-1.7000	19.585E-6
39.00000	-12.00000	-8.50000	-2.3080	-8.9310	-683.03E-6	-1.6060	18.503E-6
40.00000	-12.00000	-8.50000	-2.1584	-8.9310	-612.79E-6	-1.5125	17.427E-6
41.00000	-12.00000	-8.50000	-2.0097	-8.9310	-545.61E-6	-1.4207	16.371E-6
42.00000	-12.00000	-8.50000	-1.8630	-8.9310	-482.65E-6	-1.3316	15.344E-6
43.00000	-12.00000	-8.50000	-1.7192	-8.9310	-424.77E-6	-1.2459	14.358E-6
44.00000	-12.00000	-8.50000	-1.5792	-8.9310	-372.37E-6	-1.1642	13.417E-6
45.00000	-12.00000	-8.50000	-1.4436	-8.9310	-325.56E-6	-1.0870	12.528E-6
46.00000	-12.00000	-8.50000	-1.3131	-8.9310	-284.19E-6	-1.0144	11.692E-6
47.00000	-12.00000	-8.50000	-1.1879	-8.9310	-247.92E-6	-0.9462	10.905E-6
48.00000	-12.00000	-8.50000	-1.0683	-8.9310	-216.32E-6	-0.88310	10.180E-6
49.00000	-12.00000	-8.50000	-0.9545	-8.9310	-188.90E-6	-0.82427	9.5021E-6
50.00000	-12.00000	-8.50000	-0.84646	-8.9310	-165.17E-6	-0.76973	8.8737E-6
51.00000	-12.00000	-8.50000	-0.74428	-8.9310	-144.67E-6	-0.71923	8.2918E-6
52.00000	-12.00000	-8.50000	-0.64784	-8.9310	-126.96E-6	-0.67252	7.7536E-6
53.00000	-12.00000	-8.50000	-0.55701	-8.9310	-111.66E-6	-0.62933	7.2560E-6
54.00000	-12.00000	-8.50000	-0.47165	-8.9310	-98.423E-6	-0.58942	6.7960E-6
55.00000	-12.00000	-8.50000	-0.39158	-8.9310	-86.962E-6	-0.55252	6.3708E-6
56.00000	-12.00000	-8.50000	-0.31660	-8.9310	-77.018E-6	-0.51840	5.9775E-6
57.00000	-12.00000	-8.50000	-0.24650	-8.9310	-68.374E-6	-0.48684	5.6137E-6
58.00000	-12.00000	-8.50000	-0.18108	-8.9310	-60.844E-6	-0.45762	5.2769E-6
59.00000	-12.00000	-8.50000	-0.12011	-8.9310	-54.269E-6	-0.43055	4.9648E-6
60.00000	-12.00000	-8.50000	-0.063700	-8.9310	-48.515E-6	-0.40545	4.6755E-6
-20.00000	-11.00000	-8.50000	-0.11810	-8.9310	-53.464E-6	-0.42832	4.9392E-6
-19.00000	-11.00000	-8.50000	-0.17980	-8.9310	-59.993E-6	-0.45563	5.2540E-6
-18.00000	-11.00000	-8.50000	-0.24616	-8.9310	-67.489E-6	-0.48518	5.5945E-6
-17.00000	-11.00000	-8.50000	-0.31744	-8.9310	-76.121E-6	-0.51705	5.9532E-6
-16.00000	-11.00000	-8.50000	-0.39388	-8.9310	-86.089E-6	-0.55183	6.3628E-6
-15.00000	-11.00000	-8.50000	-0.47576	-8.9310	-97.630E-6	-0.58944	6.7963E-6
-14.00000	-11.00000	-8.50000	-0.56332	-8.9310	-111.03E-6	-0.63027	7.2696E-6
-13.00000	-11.00000	-8.50000	-0.65681	-8.9310	-126.63E-6	-0.67464	7.7781E-6
-12.00000	-11.00000	-8.50000	-0.75647	-8.9310	-144.83E-6	-0.72286	8.3337E-6
-11.00000	-11.00000	-8.50000	-0.86251	-8.9310	-166.11E-6	-0.77529	8.9378E-6
-10.00000	-11.00000	-8.50000	-0.97510	-8.9310	-191.02E-6	-0.83229	9.5945E-6
-9.00000	-11.00000	-8.50000	-1.0944	-8.9310	-220.20E-6	-0.89423	10.308E-6
-8.00000	-11.00000	-8.50000	-1.2205	-8.9310	-254.38E-6	-0.96148	11.083E-6
-7.00000	-11.00000	-8.50000	-1.3533	-8.9310	-294.33E-6	-1.0344	11.922E-6
-6.00000	-11.00000	-8.50000	-1.4927	-8.9310	-340.89E-6	-1.1132	12.829E-6
-5.00000	-11.00000	-8.50000	-1.6386	-8.9310	-394.85E-6	-1.1980	13.807E-6
-4.00000	-11.00000	-8.50000	-1.7906	-8.9310	-456.92E-6	-1.2890	14.854E-6
-3.00000	-11.00000	-8.50000	-1.9480	-8.9310	-527.53E-6	-1.3860	15.970E-6
-2.00000	-11.00000	-8.50000	-2.1101	-8.9310	-606.76E-6	-1.4885	17.150E-6
-1.00000	-11.00000	-8.50000	-2.2760	-8.9310	-694.10E-6	-1.5958	18.385E-6
0.00000	-11.00000	-8.50000	-2.4444	-8.9310	-788.40E-6	-1.7070	19.674E-6
1.00000	-11.00000	-8.50000	-2.6141	-8.9310	-887.79E-6	-1.8206	20.972E-6
2.00000	-11.00000	-8.50000	-2.7835	-8.9310	-989.83E-6	-1.9352	22.290E-6
3.00000	-11.00000	-8.50000	-2.9510	-8.9310	-0.0010917	-2.0491	23.600E-6
4.00000	-11.00000	-8.50000	-3.1151	-8.9310	-0.0011907	-2.1605	24.892E-6
5.00000	-11.00000	-8.50000	-3.2744	-8.9310	-0.0012843	-2.2679	26.117E-6
6.00000	-11.00000	-8.50000	-3.4273	-8.9310	-0.0013706	-2.3699	27.291E-6
7.00000	-11.00000	-8.50000	-3.5727	-8.9310	-0.0014485	-2.4656	28.392E-6
8.00000	-11.00000	-8.50000	-3.7095	-8.9310	-0.0015174	-2.5541	29.411E-6
9.00000	-11.00000	-8.50000	-3.8370	-8.9310	-0.0015775	-2.6350	30.342E-6
10.00000	-11.00000	-8.50000	-3.9544	-8.9310	-0.0016291	-2.7081	31.184E-6
11.00000	-11.00000	-8.50000	-4.0613	-8.9310	-0.0016729	-2.7734	31.963E-6
12.00000	-11.00000	-8.50000	-4.1572	-8.9310	-0.0017096	-2.8310	32.598E-6
13.00000	-11.00000	-8.50000	-4.2421	-8.9310	-0.0017400	-2.8809	33.174E-6
14.00000	-11.00000	-8.50000	-4.3157	-8.9310	-0.0017649	-2.9236	33.644E-6
15.00000	-11.00000	-8.50					



73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
36.00000	-9.00000	-8.50000	-3.9151	-8.9310	-0.0022711	-2.8932	33.297E-6	
37.00000	-9.00000	-8.50000	-3.6978	-8.9310	-0.0020517	-2.7188	31.292E-6	
38.00000	-9.00000	-8.50000	-3.4760	-8.9310	-0.0018231	-2.5399	29.237E-6	
39.00000	-9.00000	-8.50000	-3.2522	-8.9310	-0.0015944	-2.3602	27.172E-6	
40.00000	-9.00000	-8.50000	-3.0291	-8.9310	-0.0013746	-2.1834	25.140E-6	
41.00000	-9.00000	-8.50000	-2.8089	-8.9310	-0.0011713	-2.0129	23.179E-6	
42.00000	-9.00000	-8.50000	-2.5939	-8.9310	-989.29E-6	-1.8510	21.318E-6	
43.00000	-9.00000	-8.50000	-2.3856	-8.9310	-830.79E-6	-1.6995	19.576E-6	
44.00000	-9.00000	-8.50000	-2.1853	-8.9310	-695.58E-6	-1.5594	17.964E-6	
45.00000	-9.00000	-8.50000	-1.9940	-8.9310	-581.96E-6	-1.4308	16.485E-6	
46.00000	-9.00000	-8.50000	-1.8121	-8.9310	-487.43E-6	-1.3135	15.135E-6	
47.00000	-9.00000	-8.50000	-1.6399	-8.9310	-409.23E-6	-1.2069	13.908E-6	
48.00000	-9.00000	-8.50000	-1.4775	-8.9310	-344.72E-6	-1.1103	12.796E-6	
49.00000	-9.00000	-8.50000	-1.3248	-8.9310	-291.51E-6	-1.0228	11.789E-6	
50.00000	-9.00000	-8.50000	-1.1815	-8.9310	-247.57E-6	-0.94366	10.877E-6	
51.00000	-9.00000	-8.50000	-1.0474	-8.9310	-213.17E-6	-0.87199	10.022E-6	
52.00000	-9.00000	-8.50000	-0.92197	-8.9310	-180.93E-6	-0.80704	9.3036E-6	
53.00000	-9.00000	-8.50000	-0.80493	-8.9310	-155.71E-6	-0.74812	8.6248E-6	
54.00000	-9.00000	-8.50000	-0.69430	-8.9310	-134.57E-6	-0.69460	8.0000E-6	
55.00000	-9.00000	-8.50000	-0.59430	-8.9310	-116.79E-6	-0.64589	7.4468E-6	
56.00000	-9.00000	-8.50000	-0.49987	-8.9310	-101.76E-6	-0.60150	6.9353E-6	
57.00000	-9.00000	-8.50000	-0.41217	-8.9310	-89.000E-6	-0.56098	6.4683E-6	
58.00000	-9.00000	-8.50000	-0.33079	-8.9310	-78.123E-6	-0.52593	6.0413E-6	
59.00000	-9.00000	-8.50000	-0.25536	-8.9310	-68.813E-6	-0.49000	5.6501E-6	
60.00000	-9.00000	-8.50000	-0.18551	-8.9310	-60.811E-6	-0.45886	5.2912E-6	
61.00000	-9.00000	-8.50000	-0.12476	-8.9310	-54.393E-6	-0.43077	5.0099E-6	
62.00000	-9.00000	-8.50000	-0.07289	-8.9310	-48.503E-6	-0.40622	4.7890E-6	
63.00000	-9.00000	-8.50000	-0.03451	-8.9310	-43.141E-6	-0.38439	4.6133E-6	
64.00000	-9.00000	-8.50000	0.00344	-8.9310	-38.297E-6	-0.36497	4.4833E-6	
65.00000	-9.00000	-8.50000	0.03693	-8.9310	-33.976E-6	-0.34788	4.3974E-6	
66.00000	-9.00000	-8.50000	0.07107	-8.9310	-30.181E-6	-0.33287	4.3524E-6	
67.00000	-9.00000	-8.50000	0.10586	-8.9310	-26.916E-6	-0.31977	4.3459E-6	
68.00000	-9.00000	-8.50000	0.14130	-8.9310	-24.180E-6	-0.30836	4.3648E-6	
69.00000	-9.00000	-8.50000	0.17731	-8.9310	-21.973E-6	-0.29835	4.4759E-6	
70.00000	-9.00000	-8.50000	0.21381	-8.9310	-20.394E-6	-0.28954	4.5668E-6	
71.00000	-9.00000	-8.50000	0.25081	-8.9310	-19.444E-6	-0.28173	4.6784E-6	
72.00000	-9.00000	-8.50000	0.28831	-8.9310	-19.124E-6	-0.27562	4.7994E-6	
73.00000	-9.00000	-8.50000	0.32631	-8.9310	-19.424E-6	-0.26961	4.9304E-6	
74.00000	-9.00000	-8.50000	0.36481	-8.9310	-20.344E-6	-0.26590	5.0714E-6	
75.00000	-9.00000	-8.50000	0.40381	-8.9310	-21.864E-6	-0.26419	5.2224E-6	
76.00000	-9.00000	-8.50000	0.44381	-8.9310	-23.984E-6	-0.26348	5.3834E-6	
77.00000	-9.00000	-8.50000	0.48381	-8.9310	-26.704E-6	-0.26377	5.5444E-6	
78.00000	-9.00000	-8.50000	0.52381	-8.9310	-30.024E-6	-0.26506	5.7054E-6	
79.00000	-9.00000	-8.50000	0.56381	-8.9310	-33.944E-6	-0.26735	5.8664E-6	
80.00000	-9.00000	-8.50000	0.60381	-8.9310	-38.464E-6	-0.27064	6.0274E-6	
81.00000	-9.00000	-8.50000	0.64381	-8.9310	-43.584E-6	-0.27593	6.1884E-6	
82.00000	-9.00000	-8.50000	0.68381	-8.9310	-49.304E-6	-0.28322	6.3494E-6	
83.00000	-9.00000	-8.50000	0.72381	-8.9310	-55.624E-6	-0.29251	6.5104E-6	
84.00000	-9.00000	-8.50000	0.76381	-8.9310	-62.544E-6	-0.30380	6.6714E-6	
85.00000	-9.00000	-8.50000	0.80381	-8.9310	-70.064E-6	-0.31709	6.8324E-6	
86.00000	-9.00000	-8.50000	0.84381	-8.9310	-78.184E-6	-0.33238	6.9934E-6	
87.00000	-9.00000	-8.50000	0.88381	-8.9310	-86.904E-6	-0.34967	7.1544E-6	
88.00000	-9.00000	-8.50000	0.92381	-8.9310	-96.224E-6	-0.36896	7.3154E-6	
89.00000	-9.00000	-8.50000	0.96381	-8.9310	-106.144E-6	-0.39025	7.4764E-6	
90.00000	-9.00000	-8.50000	1.00381	-8.9310	-116.664E-6	-0.41354	7.6374E-6	
91.00000	-9.00000	-8.50000	1.04381	-8.9310	-127.784E-6	-0.43883	7.7984E-6	
92.00000	-9.00000	-8.50000	1.08381	-8.9310	-139.504E-6	-0.46612	7.9594E-6	
93.00000	-9.00000	-8.50000	1.12381	-8.9310	-151.824E-6	-0.49541	8.1204E-6	
94.00000	-9.00000	-8.50000	1.16381	-8.9310	-164.744E-6	-0.52670	8.2814E-6	
95.00000	-9.00000	-8.50000	1.20381	-8.9310	-178.264E-6	-0.55999	8.4424E-6	
96.00000	-9.00000	-8.50000	1.24381	-8.9310	-192.384E-6	-0.59528	8.6034E-6	
97.00000	-9.00000	-8.50000	1.28381	-8.9310	-207.104E-6	-0.63257	8.7644E-6	
98.00000	-9.00000	-8.50000	1.32381	-8.9310	-222.424E-6	-0.67186	8.9254E-6	
99.00000	-9.00000	-8.50000	1.36381	-8.9310	-238.344E-6	-0.71315	9.0864E-6	
100.00000	-9.00000	-8.50000	1.40381	-8.9310	-254.864E-6	-0.75644	9.2474E-6	
101.00000	-9.00000	-8.50000	1.44381	-8.9310	-271.984E-6	-0.80173	9.4084E-6	
102.00000	-9.00000	-8.50000	1.48381	-8.9310	-289.704E-6	-0.84902	9.5694E-6	
103.00000	-9.00000	-8.50000	1.52381	-8.9310	-308.024E-6	-0.89831	9.7304E-6	
104.00000	-9.00000	-8.50000	1.56381	-8.9310	-326.944E-6	-0.94960	9.8914E-6	
105.00000	-9.00000	-8.50000	1.60381	-8.9310	-346.464E-6	-1.00289	10.0524E-6	
106.00000	-9.00000	-8.50000	1.64381	-8.9310	-366.584E-6	-1.05818	10.2134E-6	
107.00000	-9.00000	-8.50000	1.68381	-8.9310	-387.304E-6	-1.11547	10.3744E-6	
108.00000	-9.00000	-8.50000	1.72381	-8.9310	-408.624E-6	-1.17476	10.5354E-6	
109.00000	-9.00000	-8.50000	1.76381	-8.9310	-430.544E-6	-1.23605	10.6964E-6	
110.00000	-9.00000	-8.50000	1.80381	-8.9310	-453.064E-6	-1.29934	10.8574E-6	
111.00000	-9.00000	-8.50000	1.84381	-8.9310	-476.184E-6	-1.36463	11.0184E-6	
112.00000	-9.00000	-8.50000	1.88381	-8.9310	-500.004E-6	-1.43192	11.1794E-6	
113.00000	-9.00000	-8.50000	1.92381	-8.9310	-524.524E-6	-1.50121	11.3404E-6	
114.00000	-9.00000	-8.50000	1.96381	-8.9310	-549.744E-6	-1.57250	11.5014E-6	
115.00000	-9.00000	-8.50000	2.00381	-8.9310	-575.664E-6	-1.64579	11.6624E-6	
116.00000	-9.00000	-8.50000	2.04381	-8.9310	-602.284E-6	-1.72108	11.8234E-6	
117.00000	-9.00000	-8.50000	2.08381	-8.9310	-629.604E-6	-1.79837	11.9844E-6	
118.00000	-9.00000	-8.50000	2.12381	-8.9310	-657.624E-6	-1.87766	12.1454E-6	
119.00000	-9.00000	-8.50000	2.16381	-8.9310	-686.344E-6	-1.95895	12.3064E-6	
120.00000	-9.00000	-8.50000	2.20381	-8.9310	-715.764E-6	-2.04224	12.4674E-6	
121.00000	-9.00000	-8.50000	2.24381	-8.9310	-745.884E-6	-2.12753	12.6284E-6	
122.00000	-9.00000	-8.50000	2.28381	-8.9310	-776.704E-6	-2.21482	12.7894E-6	
123.00000	-9.00000	-8.50000	2.32381	-8.9310	-808.224E-6	-2.30411	12.9504E-6	
124.00000	-9.00000	-8.50000	2.36381	-8.9310	-840.444E-6	-2.39540	13.1114E-6	
125.00000	-9.00000	-8.50000	2.40381	-8.9310	-873.364E-6	-2.48869	13.2724E-6	
126.00000	-9.00000	-8.50000	2.44381	-8.9310	-906.984E-6	-2.58498	13.4334E-6	
127.00000	-9.00000	-8.50000	2.48381	-8.9310	-941.304E-6	-2.68427	13.5944E-6	
128.00000	-9.00000	-8.50000	2.52381	-8.9310	-976.324E-6	-2.78656	13.7554E-6	
129.00000	-9.00000	-8.50000	2.56381	-8.9310	-1012.044E-6	-2.89185	13.9164E-6	
130.00000	-9.00000	-8.50000	2.60381	-8.9310	-1048.464E-6	-3.00014	14.0774E-6	
131.00000	-9.00000	-8.50000	2.64381	-8.9310	-1085.584E-6	-3.11143	14.2384E-6	
132.00000	-9.00000	-8.50000	2.68381	-8.9310	-1123.404E-6	-3.22572	14.3994E-6	
133.00000	-9.000							

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.		Sheet No.		Rev.				
J14383								
Drq. Ref.								
Made by MP		Date 06-Feb-2015	Checked					
Name	X	Location	Stresses					
Y	[m]	[m]	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
			[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
-6.00000	-5.00000	-8.50000	-2.6790	-8.9310	-0.0010749	-1.9186	22.095E-6	
-5.00000	-5.00000	-8.50000	-2.9659	-8.9310	-0.0014005	-2.1583	24.949E-6	
-4.00000	-5.00000	-8.50000	-3.2764	-8.9310	-0.0018534	-2.4406	28.091E-6	
-3.00000	-5.00000	-8.50000	-3.6116	-8.9310	-0.0024896	-2.7740	31.915E-6	
-2.00000	-5.00000	-8.50000	-3.9719	-8.9310	-0.0033844	-3.1672	36.419E-6	
-1.00000	-5.00000	-8.50000	-4.3562	-8.9310	-0.0046272	-3.6273	41.683E-6	
0.00000	-5.00000	-8.50000	-4.7617	-8.9310	-0.0062927	-4.1555	47.719E-6	
1.00000	-5.00000	-8.50000	-5.1830	-8.9310	-0.0083793	-4.7424	54.418E-6	
2.00000	-5.00000	-8.50000	-5.6117	-8.9310	-0.010742	-5.3638	61.504E-6	
3.00000	-5.00000	-8.50000	-6.0377	-8.9310	-0.013104	-5.9840	68.577E-6	
4.00000	-5.00000	-8.50000	-6.4509	-8.9310	-0.015190	-6.5676	75.236E-6	
5.00000	-5.00000	-8.50000	-6.8430	-8.9310	-0.016854	-7.0902	81.1207E-6	
6.00000	-5.00000	-8.50000	-7.2085	-8.9310	-0.018095	-7.5422	86.375E-6	
7.00000	-5.00000	-8.50000	-7.5444	-8.9310	-0.018987	-7.9251	90.765E-6	
8.00000	-5.00000	-8.50000	-7.8497	-8.9310	-0.019620	-8.2459	94.443E-6	
9.00000	-5.00000	-8.50000	-8.1246	-8.9310	-0.020069	-8.5131	97.511E-6	
10.00000	-5.00000	-8.50000	-8.3700	-8.9310	-0.020390	-8.7352	100.06E-6	
11.00000	-5.00000	-8.50000	-8.5871	-8.9310	-0.020622	-8.9195	102.18E-6	
12.00000	-5.00000	-8.50000	-8.7722	-8.9310	-0.020791	-9.0719	103.93E-6	
13.00000	-5.00000	-8.50000	-8.9417	-8.9310	-0.020916	-9.1974	105.37E-6	
14.00000	-5.00000	-8.50000	-9.0815	-8.9310	-0.021009	-9.2997	106.55E-6	
15.00000	-5.00000	-8.50000	-9.1979	-8.9310	-0.021077	-9.3818	107.50E-6	
16.00000	-5.00000	-8.50000	-9.2917	-8.9310	-0.021127	-9.4461	108.24E-6	
17.00000	-5.00000	-8.50000	-9.3636	-8.9310	-0.021162	-9.4943	108.79E-6	
18.00000	-5.00000	-8.50000	-9.4141	-8.9310	-0.021186	-9.5277	109.18E-6	
19.00000	-5.00000	-8.50000	-9.4437	-8.9310	-0.021200	-9.5471	109.40E-6	
20.00000	-5.00000	-8.50000	-9.4526	-8.9310	-0.021204	-9.5531	109.47E-6	
21.00000	-5.00000	-8.50000	-9.4409	-8.9310	-0.021199	-9.5458	109.38E-6	
22.00000	-5.00000	-8.50000	-9.4085	-8.9310	-0.021185	-9.5250	109.15E-6	
23.00000	-5.00000	-8.50000	-9.3552	-8.9310	-0.021161	-9.4902	108.74E-6	
24.00000	-5.00000	-8.50000	-9.2805	-8.9310	-0.021125	-9.4407	108.17E-6	
25.00000	-5.00000	-8.50000	-9.1839	-8.9310	-0.021074	-9.3750	107.42E-6	
26.00000	-5.00000	-8.50000	-9.0647	-8.9310	-0.021005	-9.2914	106.46E-6	
27.00000	-5.00000	-8.50000	-8.9221	-8.9310	-0.020912	-9.1877	105.26E-6	
28.00000	-5.00000	-8.50000	-8.7549	-8.9310	-0.020787	-9.0608	103.80E-6	
29.00000	-5.00000	-8.50000	-8.5620	-8.9310	-0.020617	-8.9070	102.04E-6	
30.00000	-5.00000	-8.50000	-8.3423	-8.9310	-0.020384	-8.6273	99.980E-6	
31.00000	-5.00000	-8.50000	-8.0943	-8.9310	-0.020062	-8.4978	97.335E-6	
32.00000	-5.00000	-8.50000	-7.8169	-8.9310	-0.019613	-8.2293	94.253E-6	
33.00000	-5.00000	-8.50000	-7.5093	-8.9310	-0.018979	-7.9073	90.560E-6	
34.00000	-5.00000	-8.50000	-7.1712	-8.9310	-0.018086	-7.5233	86.161E-6	
35.00000	-5.00000	-8.50000	-6.8037	-8.9310	-0.016845	-7.0702	80.977E-6	
36.00000	-5.00000	-8.50000	-6.4098	-8.9310	-0.015181	-6.5467	74.996E-6	
37.00000	-5.00000	-8.50000	-5.9950	-8.9310	-0.013095	-5.9624	68.327E-6	
38.00000	-5.00000	-8.50000	-5.5677	-8.9310	-0.010732	-5.3415	61.247E-6	
39.00000	-5.00000	-8.50000	-5.1380	-8.9310	-0.0083695	-4.7197	54.156E-6	
40.00000	-5.00000	-8.50000	-4.7161	-8.9310	-0.0062828	-4.1125	47.055E-6	
41.00000	-5.00000	-8.50000	-4.3101	-8.9310	-0.0046174	-3.6042	41.417E-6	
42.00000	-5.00000	-8.50000	-3.9256	-8.9310	-0.0033747	-3.1443	36.155E-6	
43.00000	-5.00000	-8.50000	-3.5654	-8.9310	-0.0024892	-2.7513	31.652E-6	
44.00000	-5.00000	-8.50000	-3.2305	-8.9310	-0.0018444	-2.4183	27.931E-6	
45.00000	-5.00000	-8.50000	-2.9206	-8.9310	-0.0013918	-2.1365	24.598E-6	
46.00000	-5.00000	-8.50000	-2.6345	-8.9310	-0.0010666	-1.8974	21.851E-6	
47.00000	-5.00000	-8.50000	-2.3709	-8.9310	-0.000866E-6	-1.6935	19.508E-6	
48.00000	-5.00000	-8.50000	-2.1281	-8.9310	-654.86E-6	-1.5188	17.498E-6	
49.00000	-5.00000	-8.50000	-1.9048	-8.9310	-523.55E-6	-1.3682	15.765E-6	
50.00000	-5.00000	-8.50000	-1.6992	-8.9310	-423.58E-6	-1.2376	14.262E-6	
51.00000	-5.00000	-8.50000	-1.5000	-8.9310	-346.43E-6	-1.1236	12.950E-6	
52.00000	-5.00000	-8.50000	-1.3359	-8.9310	-286.11E-6	-1.0237	11.799E-6	
53.00000	-5.00000	-8.50000	-1.1757	-8.9310	-238.40E-6	-0.93564	10.785E-6	
54.00000	-5.00000	-8.50000	-1.0282	-8.9310	-200.25E-6	-0.85769	9.8711E-6	
55.00000	-5.00000	-8.50000	-0.89251	-8.9310	-169.44E-6	-0.78837	9.0886E-6	
56.00000	-5.00000	-8.50000	-0.76758	-8.9310	-144.32E-6	-0.72649	8.3757E-6	
57.00000	-5.00000	-8.50000	-0.65622	-8.9310	-123.69E-6	-0.67005	7.7608E-6	
58.00000	-5.00000	-8.50000	-0.54683	-8.9310	-106.60E-6	-0.62121	7.1624E-6	
59.00000	-5.00000	-8.50000	-0.44952	-8.9310	-92.342E-6	-0.57625	6.6443E-6	
60.00000	-5.00000	-8.50000	-0.36003	-8.9310	-80.374E-6	-0.53559	6.1756E-6	
61.00000	-5.00000	-8.50000	-0.28017	-8.9310	-69.372E-6	-0.50648	5.7202E-6	
62.00000	-5.00000	-8.50000	-0.20650	-8.9310	-59.837E-6	-0.48317	5.2800E-6	
63.00000	-5.00000	-8.50000	-0.13918	-8.9310	-51.81E-6	-0.46096	4.8528E-6	
64.00000	-5.00000	-8.50000	-0.07333	-8.9310	-44.787E-6	-0.43841	4.4422E-6	
65.00000	-5.00000	-8.50000	-0.00893	-8.9310	-38.712E-6	-0.41602	4.0469E-6	
66.00000	-5.00000	-8.50000	0.00443	-8.9310	-33.600E-6	-0.39383	3.6666E-6	
67.00000	-5.00000	-8.50000	0.01000	-8.9310	-29.440E-6	-0.37204	3.3000E-6	
68.00000	-5.00000	-8.50000	0.01557	-8.9310	-26.233E-6	-0.35075	2.9469E-6	
69.00000	-5.00000	-8.50000	0.02100	-8.9310	-23.977E-6	-0.32996	2.6066E-6	
70.00000	-5.00000	-8.50000	0.02637	-8.9310	-22.672E-6	-0.30967	2.2777E-6	
71.00000	-5.00000	-8.50000	0.03160	-8.9310	-21.316E-6	-0.28988	1.9599E-6	
72.00000	-5.00000	-8.50000	0.03660	-8.9310	-20.000E-6	-0.27059	1.6533E-6	
73.00000	-5.00000	-8.50000	0.04130	-8.9310	-18.722E-6	-0.25180	1.3570E-6	
74.00000	-5.00000	-8.50000	0.04570	-8.9310	-17.483E-6	-0.23351	1.0711E-6	
75.00000	-5.00000	-8.50000	0.04980	-8.9310	-16.283E-6	-0.21572	8.0666E-6	
76.00000	-5.00000	-8.50000	0.05360	-8.9310	-15.113E-6	-0.19843	5.5111E-6	
77.00000	-5.00000	-8.50000	0.05710	-8.9310	-13.973E-6	-0.18164	3.0000E-6	
78.00000	-5.00000	-8.50000	0.06030	-8.9310	-12.863E-6	-0.16535	5.4444E-6	
79.00000	-5.00000	-8.50000	0.06330	-8.9310	-11.783E-6	-0.14956	2.8889E-6	
80.00000	-5.00000	-8.50000	0.06600	-8.9310	-10.733E-6	-0.13427	3.3333E-6	
81.00000	-5.00000	-8.50000	0.06850	-8.9310	-9.703E-6	-0.11948	5.5556E-6	
82.00000	-5.00000	-8.50000	0.07080	-8.9310	-8.693E-6	-0.10519	2.7778E-6	
83.00000	-5.00000	-8.50000	0.07290	-8.9310	-7.703E-6	-0.09140	2.2222E-6	
84.00000	-5.00000	-8.50000	0.07480	-8.9310	-6.733E-6	-0.07811	1.6667E-6	
85.00000	-5.00000	-8.50000	0.07650	-8.9310	-5.783E-6	-0.06532	1.1111E-6	
86.00000	-5.00000	-8.50000	0.07800	-8.9310	-4.853E-6	-0.05303	6.6667E-6	
87.00000	-5.00000	-8.50000	0.07930	-8.9310	-3.943E-6	-0.04124	3.3333E-6	
88.00000	-5.00000	-8.50000	0.08050	-8.9310	-3.053E-6	-0.03005	1.6667E-6	
89.00000	-5.00000	-8.50000	0.08160	-8.9310	-2.183E-6	-0.01946	8.3333E-6	
90.00000	-5.00000	-8.50000	0.08260	-8.9310	-1.333E-6	-0.00947	4.4444E-6	
91.00000	-5.00000	-8.50000	0.08350	-8.9310	-5.27E-7	-0.00000	0.0000E-6	
92.00000	-5.00000	-8.50000	0.08430	-8.9310	5.27E-7	0.00000	0.0000E-6	
93.00000	-5.00000	-8.50000	0.08500	-8.9310	1.054E-6	0.00000	0.0000E-6	
94.00000	-5.00000	-8.50000	0.08560	-8.9310	1.581E-6	0.00000	0.0000E-6	
95.00000	-5.00000	-8.50000	0.08610	-8.9310	2.108E-6	0.00000	0.0000E-6	
96.00000	-5.00000	-8.50000	0.08650	-8.9310	2.635E-6	0.00000	0.0000E-6	
97.00000	-5.00000	-8.50000	0.08690	-8.9310	3.162E-6	0.00000	0.0000E-6	
98.00000	-5.00000	-8.50000	0.08720	-8.9310	3.689E-6	0.00000	0.0000E-6	
99.00000	-5.00000	-8.50000	0.08750	-8.9310	4.216E-6	0.00000	0.0000E-6	
100.00000	-5.00000	-8.50000	0.08780	-8.9310	4.743E-6	0.00000	0.0000E-6	
101.00000	-5.00000	-8.50000	0.08800	-8.9310	5.270E-6	0.00000	0.0000E-6	
102.00000	-5.00000	-8.50000	0.08820	-8.9310	5.797E-6	0.00000	0.0000E-6	
103.00000	-5.00000	-8.50000	0.08840	-8.9310	6.324E-6	0.00000	0.0000E-6	
104.00000	-5.00000	-8.50000	0.08860	-8.9310	6.851E-6	0.00000	0.0000E-6	
105.00000	-5.00000	-8						

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Stresses		Vert Strain [-]
	X [m]	Y [m]					Sum Princ [kN/m²]		
33.00000	-2.00000	-8.50000	-11.887	-8.9310	-0.31540	-25.628	284.73E-6		
34.00000	-2.00000	-8.50000	-11.347	-8.9310	-0.31115	-24.700	274.17E-6		
35.00000	-2.00000	-8.50000	-10.726	-8.9310	-0.30248	-23.385	259.29E-6		
36.00000	-2.00000	-8.50000	-10.012	-8.9310	-0.28320	-21.457	237.72E-6		
37.00000	-2.00000	-8.50000	-9.2039	-8.9310	-0.22951	-18.624	206.55E-6		
38.00000	-2.00000	-8.50000	-8.3271	-8.9310	-0.16084	-14.891	166.21E-6		
39.00000	-2.00000	-8.50000	-7.4476	-8.9310	-0.082176	-11.157	125.86E-6		
40.00000	-2.00000	-8.50000	-6.6314	-8.9310	-0.038487	-8.3205	94.652E-6		
41.00000	-2.00000	-8.50000	-5.9037	-8.9310	-0.019205	-6.3867	71.015E-6		
42.00000	-2.00000	-8.50000	-5.2624	-8.9310	-0.010533	-5.0633	58.044E-6		
43.00000	-2.00000	-8.50000	-4.6970	-8.9310	-0.0062814	-4.1250	47.367E-6		
44.00000	-2.00000	-8.50000	-4.1965	-8.9310	-0.0040060	-3.4343	39.478E-6		
45.00000	-2.00000	-8.50000	-3.7514	-8.9310	-0.0026942	-2.9090	31.464E-6		
46.00000	-2.00000	-8.50000	-3.3538	-8.9310	-0.0018903	-2.4986	28.758E-6		
47.00000	-2.00000	-8.50000	-2.9970	-8.9310	-0.0013724	-2.1706	24.992E-6		
48.00000	-2.00000	-8.50000	-2.6758	-8.9310	-0.0010248	-1.9037	21.925E-6		
49.00000	-2.00000	-8.50000	-2.3857	-8.9310	-783.25E-6	-1.6830	19.387E-6		
50.00000	-2.00000	-8.50000	-2.1230	-8.9310	-610.55E-6	-1.4981	17.261E-6		
51.00000	-2.00000	-8.50000	-1.8846	-8.9310	-483.98E-6	-1.3415	15.450E-6		
52.00000	-2.00000	-8.50000	-1.6678	-8.9310	-389.24E-6	-1.2076	13.917E-6		
53.00000	-2.00000	-8.50000	-1.4704	-8.9310	-317.00E-6	-1.0920	12.586E-6		
54.00000	-2.00000	-8.50000	-1.2904	-8.9310	-261.03E-6	-0.99161	11.430E-6		
55.00000	-2.00000	-8.50000	-1.1261	-8.9310	-217.05E-6	-0.90378	10.418E-6		
56.00000	-2.00000	-8.50000	-0.97599	-8.9310	-182.05E-6	-0.82650	9.5280E-6		
57.00000	-2.00000	-8.50000	-0.83876	-8.9310	-153.88E-6	-0.75815	8.7405E-6		
58.00000	-2.00000	-8.50000	-0.71323	-8.9310	-130.99E-6	-0.69481	8.0406E-6		
59.00000	-2.00000	-8.50000	-0.59838	-8.9310	-112.21E-6	-0.64320	7.4159E-6		
60.00000	-2.00000	-8.50000	-0.49328	-8.9310	-96.680E-6	-0.59462	6.8561E-6		
-20.00000	-1.00000	-8.50000	-0.56849	-8.9310	-106.16E-6	-0.62728	7.2325E-6		
-19.00000	-1.00000	-8.50000	-0.68112	-8.9310	-123.48E-6	-0.67978	7.8375E-6		
-18.00000	-1.00000	-8.50000	-0.80428	-8.9310	-144.49E-6	-0.73849	8.5140E-6		
-17.00000	-1.00000	-8.50000	-0.93898	-8.9310	-170.15E-6	-0.80442	9.2737E-6		
-16.00000	-1.00000	-8.50000	-1.07879	-8.9310	-201.81E-6	-0.87879	10.131E-6		
-15.00000	-1.00000	-8.50000	-1.2478	-8.9310	-241.29E-6	-0.96309	11.102E-6		
-14.00000	-1.00000	-8.50000	-1.4246	-8.9310	-291.09E-6	-1.0592	12.208E-6		
-13.00000	-1.00000	-8.50000	-1.6187	-8.9310	-354.77E-6	-1.1694	13.478E-6		
-12.00000	-1.00000	-8.50000	-1.8318	-8.9310	-437.44E-6	-1.2967	14.944E-6		
-11.00000	-1.00000	-8.50000	-2.0663	-8.9310	-546.68E-6	-1.4450	16.650E-6		
-10.00000	-1.00000	-8.50000	-2.3248	-8.9310	-693.97E-6	-1.6193	18.656E-6		
-9.00000	-1.00000	-8.50000	-2.6105	-8.9310	-897.34E-6	-1.8265	21.038E-6		
-8.00000	-1.00000	-8.50000	-2.9271	-8.9310	-0.0011861	-2.0759	23.906E-6		
-7.00000	-1.00000	-8.50000	-3.2793	-8.9310	-0.0016100	-2.3809	27.410E-6		
-6.00000	-1.00000	-8.50000	-3.6727	-8.9310	-0.0022580	-2.7610	31.773E-6		
-5.00000	-1.00000	-8.50000	-4.1146	-8.9310	-0.0032993	-3.2459	37.329E-6		
-4.00000	-1.00000	-8.50000	-4.6142	-8.9310	-0.0050814	-3.8827	44.614E-6		
-3.00000	-1.00000	-8.50000	-5.1837	-8.9310	-0.0083916	-4.7517	54.524E-6		
-2.00000	-1.00000	-8.50000	-5.8296	-8.9310	-0.015216	-5.9994	68.600E-6		
-1.00000	-1.00000	-8.50000	-6.6049	-8.9310	-0.031871	-7.9222	90.285E-6		
0.00000	-1.00000	-8.50000	-7.5121	-8.9310	-0.082201	-11.198	126.33E-6		
1.00000	-1.00000	-8.50000	-8.6020	-8.9310	-0.28792	-17.551	192.51E-6		
2.00000	-1.00000	-8.50000	-9.8765	-8.9310	-1.1068	-29.772	305.14E-6		
3.00000	-1.00000	-8.50000	-11.148	-8.9310	-1.9257	-41.991	417.75E-6		
4.00000	-1.00000	-8.50000	-12.227	-8.9310	-2.1315	-48.340	483.87E-6		
5.00000	-1.00000	-8.50000	-13.117	-8.9310	-2.1818	-51.607	519.82E-6		
6.00000	-1.00000	-8.50000	-13.859	-8.9310	-2.1984	-53.519	541.30E-6		
7.00000	-1.00000	-8.50000	-14.483	-8.9310	-2.2053	-54.752	555.29E-6		
8.00000	-1.00000	-8.50000	-15.015	-8.9310	-2.2086	-55.604	565.00E-6		
9.00000	-1.00000	-8.50000	-15.470	-8.9310	-2.2103	-56.221	572.05E-6		
10.00000	-1.00000	-8.50000	-15.859	-8.9310	-2.2114	-56.682	577.34E-6		
11.00000	-1.00000	-8.50000	-16.193	-8.9310	-2.2120	-57.035	581.39E-6		
12.00000	-1.00000	-8.50000	-16.478	-8.9310	-2.2124	-57.310	584.54E-6		
13.00000	-1.00000	-8.50000	-16.719	-8.9310	-2.2127	-57.525	587.02E-6		
14.00000	-1.00000	-8.50000	-16.921	-8.9310	-2.2129	-57.694	588.96E-6		
15.00000	-1.00000	-8.50000	-17.086	-8.9310	-2.2130	-57.826	590.48E-6		
16.00000	-1.00000	-8.50000	-17.218	-8.9310	-2.2131	-57.927	591.64E-6		
17.00000	-1.00000	-8.50000	-17.319	-8.9310	-2.2132	-58.001	592.49E-6		
18.00000	-1.00000	-8.50000	-17.389	-8.9310	-2.2132	-58.052	593.08E-6		
19.00000	-1.00000	-8.50000	-17.430	-8.9310	-2.2133	-58.081	593.41E-6		
20.00000	-1.00000	-8.50000	-17.442	-8.9310	-2.2133	-58.090	593.52E-6		
21.00000	-1.00000	-8.50000	-17.426	-8.9310	-2.2133	-58.079	593.39E-6		
22.00000	-1.00000	-8.50000	-17.381	-8.9310	-2.2132	-58.047	593.02E-6		
23.00000	-1.00000	-8.50000	-17.307	-8.9310	-2.2132	-57.994	592.41E-6		
24.00000	-1.00000	-8.50000	-17.202	-8.9310	-2.2131	-57.917	591.53E-6		
25.00000	-1.00000	-8.50000	-17.066	-8.9310	-2.2130	-57.814	590.35E-6		
26.00000	-1.00000	-8.50000	-16.896	-8.9310	-2.2129	-57.680	588.87E-6		
27.00000	-1.00000	-8.50000	-16.690	-8.9310	-2.2127	-57.508	586.83E-6		
28.00000	-1.00000	-8.50000	-16.444	-8.9310	-2.2124	-57.290	584.32E-6		
29.00000	-1.00000	-8.50000	-16.155	-8.9310	-2.2120	-57.033	581.14E-6		
30.00000	-1.00000	-8.50000	-15.817	-8.9310	-2.2114	-56.657	577.05E-6		
31.00000	-1.00000	-8.50000	-15.423	-8.9310	-2.2103	-56.193	571.73E-6		
32.00000	-1.00000	-8.50000	-14.964	-8.9310	-2.2086	-55.574	564.65E-6		
33.00000	-1.00000	-8.50000	-14.428	-8.9310	-2.2052	-54.719	554.91E-6		
34.00000	-1.00000	-8.50000	-13.800	-8.9310	-2.1984	-53.483	540.89E-6		
35.00000	-1.00000	-8.50000	-13.055	-8.9310	-2.1818	-51.569	519.38E-6		
36.00000	-1.00000	-8.50000	-12.162	-8.9310	-2.1314	-48.299	483.41E-6		
37.00000	-1.00000	-8.50000	-11.079	-8.9310	-1.9257	-41.949	417.27E-6		
38.00000	-1.00000	-8.50000	-9.8060	-8.9310	-1.1068	-29.729	304.64E-6		
39.00000	-1.00000	-8.50000	-8.5299	-8.9310	-0.28789	-17.508	192.00E-6		
40.00000	-1.00000	-8.50000	-7.4389	-8.9310	-0.082175	-11.153	125.82E-6		
41.00000	-1.00000	-8.50000	-6.5312	-8.9310	-0.031845	-7.8780	89.776E-6		
42.00000	-1.00000	-8.50000	-5.7660	-8.9310	-0.015231	-5.9557	68.177E-6		
43.00000	-1.00000	-8.50000	-5.1106	-8.9310	-0.0083673	-4.7088	54.030E-6		
44.00000	-1.00000	-8.50000	-4.5422	-8.9310	-0.0050584	-3.8411	44.135E-6		
45.00000	-1.00000	-8.50000	-4.0441	-8.9310	-0.0032778	-3.2058	36.868E-6		
46.00000	-1.00000	-8.50000	-3.6041	-8.9310	-0.0022380	-2.7227	31.331E-6		
47.00000	-1.00000	-8.50000	-3.2329	-8.9310	-0.0019916	-2.3445	26.991E-6		
48.00000	-1.00000	-8.50000	-2.8631	-8.9310	-0.0011693	-2.0415	23.510E-6		
49.00000	-1.00000								

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Stresses			
	X [m]	Y [m]			Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
-9.00000	2.00000	-8.50000	-3.1115	-8.9310	-0.0012126	-2.1752	25.051E-6	
-8.00000	2.00000	-8.50000	-3.5016	-8.9310	-0.0016450	-2.5079	28.873E-6	
-7.00000	2.00000	-8.50000	-3.9414	-8.9310	-0.0023038	-2.9254	33.667E-6	
-6.00000	2.00000	-8.50000	-4.4409	-8.9310	-0.0033584	-3.4623	39.824E-6	
-5.00000	2.00000	-8.50000	-5.0130	-8.9310	-0.0051530	-4.1747	47.980E-6	
-4.00000	2.00000	-8.50000	-5.6760	-8.9310	-0.0084593	-5.1592	59.222E-6	
-3.00000	2.00000	-8.50000	-6.4564	-8.9310	-0.015231	-6.5964	75.568E-6	
-2.00000	2.00000	-8.50000	-7.3947	-8.9310	-0.031315	-8.8639	101.17E-6	
-1.00000	2.00000	-8.50000	-8.5588	-8.9310	-0.078997	-12.884	145.89E-6	
0.00000	2.00000	-8.50000	-10.076	-8.9310	-0.28326	-21.517	238.41E-6	
1.00000	2.00000	-8.50000	-12.233	-8.9310	-2.1315	-48.363	484.14E-6	
2.00000	2.00000	-8.50000	-16.250	-8.9310	-79.839	-222.38	197.67E-6	
3.00000	2.00000	-8.50000	-21.173	-8.9310	-157.55	-396.40	879.50E-6	
4.00000	2.00000	-8.50000	-23.316	-8.9310	-159.39	-423.24	-633.85E-6	
5.00000	2.00000	-8.50000	-24.813	-8.9310	-159.60	-431.86	-541.46E-6	
6.00000	2.00000	-8.50000	-25.947	-8.9310	-159.65	-436.92	-496.92E-6	
7.00000	2.00000	-8.50000	-26.848	-8.9310	-159.66	-438.11	-471.55E-6	
8.00000	2.00000	-8.50000	-27.582	-8.9310	-159.67	-439.53	-455.47E-6	
9.00000	2.00000	-8.50000	-28.191	-8.9310	-159.67	-440.48	-444.50E-6	
10.00000	2.00000	-8.50000	-28.701	-8.9310	-159.67	-441.16	-436.75E-6	
11.00000	2.00000	-8.50000	-29.129	-8.9310	-159.68	-441.67	-430.99E-6	
12.00000	2.00000	-8.50000	-29.490	-8.9310	-159.68	-442.05	-426.64E-6	
13.00000	2.00000	-8.50000	-29.791	-8.9310	-159.68	-442.34	-423.31E-6	
14.00000	2.00000	-8.50000	-30.041	-8.9310	-159.68	-442.56	-420.74E-6	
15.00000	2.00000	-8.50000	-30.245	-8.9310	-159.68	-442.73	-418.76E-6	
16.00000	2.00000	-8.50000	-30.406	-8.9310	-159.68	-442.86	-417.27E-6	
17.00000	2.00000	-8.50000	-30.528	-8.9310	-159.68	-442.96	-416.18E-6	
18.00000	2.00000	-8.50000	-30.613	-8.9310	-159.68	-443.02	-415.44E-6	
19.00000	2.00000	-8.50000	-30.663	-8.9310	-159.68	-443.06	-415.02E-6	
20.00000	2.00000	-8.50000	-30.678	-8.9310	-159.68	-443.07	-414.89E-6	
21.00000	2.00000	-8.50000	-30.658	-8.9310	-159.68	-443.05	-415.05E-6	
22.00000	2.00000	-8.50000	-30.603	-8.9310	-159.68	-443.01	-415.51E-6	
23.00000	2.00000	-8.50000	-30.513	-8.9310	-159.68	-442.95	-416.29E-6	
24.00000	2.00000	-8.50000	-30.385	-8.9310	-159.68	-442.85	-417.42E-6	
25.00000	2.00000	-8.50000	-30.218	-8.9310	-159.68	-442.71	-418.96E-6	
26.00000	2.00000	-8.50000	-30.009	-8.9310	-159.68	-442.54	-420.98E-6	
27.00000	2.00000	-8.50000	-29.753	-8.9310	-159.68	-442.31	-424.60E-6	
28.00000	2.00000	-8.50000	-29.444	-8.9310	-159.68	-442.02	-426.99E-6	
29.00000	2.00000	-8.50000	-29.077	-8.9310	-159.68	-441.63	-431.39E-6	
30.00000	2.00000	-8.50000	-28.642	-8.9310	-159.67	-441.12	-437.21E-6	
31.00000	2.00000	-8.50000	-28.126	-8.9310	-159.67	-440.44	-445.07E-6	
32.00000	2.00000	-8.50000	-27.510	-8.9310	-159.67	-439.47	-456.06E-6	
33.00000	2.00000	-8.50000	-26.769	-8.9310	-159.66	-438.06	-472.19E-6	
34.00000	2.00000	-8.50000	-25.862	-8.9310	-159.65	-436.80	-497.63E-6	
35.00000	2.00000	-8.50000	-24.722	-8.9310	-159.60	-431.79	-542.22E-6	
36.00000	2.00000	-8.50000	-23.220	-8.9310	-159.39	-423.17	-634.66E-6	
37.00000	2.00000	-8.50000	-21.072	-8.9310	-157.55	-402.35	-772.32E-6	
38.00000	2.00000	-8.50000	-16.601	-8.9310	-79.839	-222.31	-198.55E-6	
39.00000	2.00000	-8.50000	-12.126	-8.9310	-2.1314	-48.285	483.24E-6	
40.00000	2.00000	-8.50000	-9.9683	-8.9310	-0.28319	-21.439	237.51E-6	
41.00000	2.00000	-8.50000	-8.4505	-8.9310	-0.078936	-12.806	145.00E-6	
42.00000	2.00000	-8.50000	-7.2870	-8.9310	-0.031256	-8.7878	100.29E-6	
43.00000	2.00000	-8.50000	-6.3503	-8.9310	-0.015175	-6.5227	74.719E-6	
44.00000	2.00000	-8.50000	-5.5723	-8.9310	-0.0084079	-5.0886	58.410E-6	
45.00000	2.00000	-8.50000	-4.9124	-8.9310	-0.0051060	-4.1077	47.209E-6	
46.00000	2.00000	-8.50000	-4.3439	-8.9310	-0.0033159	-3.3994	39.099E-6	
47.00000	2.00000	-8.50000	-3.8486	-8.9310	-0.0022660	-2.8666	32.991E-6	
48.00000	2.00000	-8.50000	-3.4132	-8.9310	-0.0016115	-2.4535	28.447E-6	
49.00000	2.00000	-8.50000	-3.0277	-8.9310	-0.0011832	-2.1251	24.473E-6	
50.00000	2.00000	-8.50000	-2.6845	-8.9310	-891.81E-6	-1.8588	21.412E-6	
51.00000	2.00000	-8.50000	-2.3776	-8.9310	-686.96E-6	-1.6395	18.899E-6	
52.00000	2.00000	-8.50000	-2.1021	-8.9310	-538.97E-6	-1.4563	16.781E-6	
53.00000	2.00000	-8.50000	-1.8540	-8.9310	-429.55E-6	-1.3015	14.999E-6	
54.00000	2.00000	-8.50000	-1.6300	-8.9310	-347.02E-6	-1.1695	12.599E-6	
55.00000	2.00000	-8.50000	-1.4273	-8.9310	-283.68E-6	-1.0558	12.170E-6	
56.00000	2.00000	-8.50000	-1.2436	-8.9310	-234.33E-6	-0.95727	11.035E-6	
57.00000	2.00000	-8.50000	-1.0769	-8.9310	-193.36E-6	-0.87125	10.044E-6	
58.00000	2.00000	-8.50000	-0.92536	-8.9310	-164.23E-6	-0.79571	9.1735E-6	
59.00000	2.00000	-8.50000	-0.78754	-8.9310	-139.08E-6	-0.72903	8.4051E-6	
60.00000	2.00000	-8.50000	-0.66209	-8.9310	-118.57E-6	-0.66988	7.7235E-6	
-20.00000	3.00000	-8.50000	-0.74186	-8.9310	-130.26E-6	-0.70581	8.1767E-6	
-19.00000	3.00000	-8.50000	-0.87558	-8.9310	-153.07E-6	-0.76957	8.8723E-6	
-18.00000	3.00000	-8.50000	-1.0225	-8.9310	-181.05E-6	-0.84155	9.7017E-6	
-17.00000	3.00000	-8.50000	-1.1842	-8.9310	-215.72E-6	-0.92321	10.643E-6	
-16.00000	3.00000	-8.50000	-1.3622	-8.9310	-259.09E-6	-1.0163	11.715E-6	
-15.00000	3.00000	-8.50000	-1.5584	-8.9310	-314.01E-6	-1.1232	12.946E-6	
-14.00000	3.00000	-8.50000	-1.7749	-8.9310	-384.47E-6	-1.2465	14.366E-6	
-13.00000	3.00000	-8.50000	-2.0144	-8.9310	-476.22E-6	-1.3800	16.018E-6	
-12.00000	3.00000	-8.50000	-2.2798	-8.9310	-597.80E-6	-1.5583	17.956E-6	
-11.00000	3.00000	-8.50000	-2.5747	-8.9310	-762.15E-6	-1.7577	20.251E-6	
-10.00000	3.00000	-8.50000	-2.9033	-8.9310	-989.57E-6	-1.9968	23.000E-6	
-9.00000	3.00000	-8.50000	-3.2673	-8.9310	-0.0013131	-2.2873	26.340E-6	
-8.00000	3.00000	-8.50000	-3.6846	-8.9310	-0.0017888	-2.6461	30.463E-6	
-7.00000	3.00000	-8.50000	-4.1521	-8.9310	-0.0025165	-3.0983	35.655E-6	
-6.00000	3.00000	-8.50000	-4.6847	-8.9310	-0.0036577	-3.6827	42.355E-6	
-5.00000	3.00000	-8.50000	-5.2970	-8.9310	-0.0056822	-4.4617	51.273E-6	
-4.00000	3.00000	-8.50000	-6.0095	-8.9310	-0.0093682	-5.5437	63.627E-6	
-3.00000	3.00000	-8.50000	-6.8518	-8.9310	-0.016914	-7.1304	81.669E-6	
-2.00000	3.00000	-8.50000	-7.8693	-8.9310	-0.034728	-9.6396	110.00E-6	
-1.00000	3.00000	-8.50000	-9.1367	-8.9310	-0.086699	-14.074	159.36E-6	
0.00000	3.00000	-8.50000	-10.791	-8.9310	-0.30256	-23.457	260.12E-6	
1.00000	3.00000	-8.50000	-12.8127	-8.9310	-2.1819	-51.644	520.24E-6	
2.00000	3.00000	-8.50000	-17.813	-8.9310	-79.951	-227.67	140.53E-6	
3.00000	3.00000	-8.50000	-22.494	-8.9310	-157.72	-403.69	-801.33E-6	
4.00000	3.00000	-8.50000	-24.816	-8.9310	-159.60	-431.87	-541.31E-6	
5.00000	3.00000	-8.50000	-26.847	-8.9310	-159.82	-440.69	-496.69E-6	
6.00000	3.00000	-8.50000	-27.683	-8.9310	-159.87	-445.66	-391.55E-6	
7.00000	3.00000	-8.50000	-28.659	-8.9310	-159.88	-448.15	-363.48E-6	
8.00000	3.00000	-8.50000	-29.452	-8.9310	-159.89	-449.71	-345.75E-6	
9.00000	3.00000	-8.50000	-30.107	-8.9310	-159.90	-450.76	-333.75E-6	
10.00000	3.00000	-8.50000	-30.653	-8.9310	-159.90	-451.50	-325.23E-6	
11.00000	3.00000	-8.50000	-31.110	-8.9310	-159.90			

Short-term Heave

Name	X	Location	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[-]
30.00000	5.00000	-8.50000	-33.282	-8.9310	-159.97	-459.55	-234.99E-6	
31.00000	5.00000	-8.50000	-32.664	-8.9310	-159.97	-458.70	-244.76E-6	
32.00000	5.00000	-8.50000	-31.922	-8.9310	-159.97	-457.50	-258.48E-6	
33.00000	5.00000	-8.50000	-31.024	-8.9310	-159.96	-455.72	-278.64E-6	
34.00000	5.00000	-8.50000	-29.920	-8.9310	-159.94	-452.93	-310.21E-6	
35.00000	5.00000	-8.50000	-28.528	-8.9310	-159.88	-448.06	-364.47E-6	
36.00000	5.00000	-8.50000	-26.713	-8.9310	-159.66	-438.03	-472.48E-6	
37.00000	5.00000	-8.50000	-24.176	-8.9310	-157.77	-408.94	-742.64E-6	
38.00000	5.00000	-8.50000	-19.260	-8.9310	-79.989	-231.81	-94.073E-6	
39.00000	5.00000	-8.50000	-14.340	-8.9310	-2.2052	-54.682	554.48E-6	
40.00000	5.00000	-8.50000	-11.793	-8.9310	-0.31539	-25.588	284.27E-6	
41.00000	5.00000	-8.50000	-9.878	-8.9310	-0.093514	-15.552	176.17E-6	
42.00000	5.00000	-8.50000	-8.5421	-8.9310	-0.038406	-10.673	121.79E-6	
43.00000	5.00000	-8.50000	-7.4046	-8.9310	-0.018969	-7.8642	90.064E-6	
44.00000	5.00000	-8.50000	-6.4654	-8.9310	-0.010562	-6.0743	69.707E-6	
45.00000	5.00000	-8.50000	-5.6746	-8.9310	-0.0064017	-4.8519	55.748E-6	
46.00000	5.00000	-8.50000	-4.9987	-8.9310	-0.0041334	-3.9740	45.701E-6	
47.00000	5.00000	-8.50000	-4.4143	-8.9310	-0.0028029	-3.3189	38.189E-6	
48.00000	5.00000	-8.50000	-3.9043	-8.9310	-0.0019762	-2.8151	32.405E-6	
49.00000	5.00000	-8.50000	-3.4558	-8.9310	-0.0014383	-2.4182	27.846E-6	
50.00000	5.00000	-8.50000	-3.0591	-8.9310	-0.0010746	-2.0993	24.180E-6	
51.00000	5.00000	-8.50000	-2.7064	-8.9310	-820.69E-6	-1.8387	21.182E-6	
52.00000	5.00000	-8.50000	-2.3914	-8.9310	-638.64E-6	-1.6228	18.698E-6	
53.00000	5.00000	-8.50000	-2.1092	-8.9310	-505.04E-6	-1.4418	16.615E-6	
54.00000	5.00000	-8.50000	-1.8556	-8.9310	-405.00E-6	-1.2884	14.849E-6	
55.00000	5.00000	-8.50000	-1.6271	-8.9310	-328.77E-6	-1.1574	13.340E-6	
56.00000	5.00000	-8.50000	-1.4209	-8.9310	-269.78E-6	-1.0444	12.039E-6	
57.00000	5.00000	-8.50000	-1.2343	-8.9310	-223.52E-6	-0.94645	10.910E-6	
58.00000	5.00000	-8.50000	-1.0654	-8.9310	-186.79E-6	-0.86090	9.9247E-6	
59.00000	5.00000	-8.50000	-0.91215	-8.9310	-157.30E-6	-0.78879	9.0592E-6	
60.00000	5.00000	-8.50000	-0.77310	-8.9310	-133.41E-6	-0.71949	8.2953E-6	
-20.00000	6.00000	-8.50000	-0.85431	-8.9310	-147.13E-6	-0.75760	8.7344E-6	
-19.00000	6.00000	-8.50000	-1.0021	-8.9310	-173.87E-6	-0.95918	9.8959E-6	
-18.00000	6.00000	-8.50000	-1.1650	-8.9310	-206.87E-6	-0.91022	10.493E-6	
-17.00000	6.00000	-8.50000	-1.3447	-8.9310	-247.98E-6	-1.0027	11.559E-6	
-16.00000	6.00000	-8.50000	-1.5432	-8.9310	-299.72E-6	-1.1089	12.781E-6	
-15.00000	6.00000	-8.50000	-1.7628	-8.9310	-365.57E-6	-1.2313	14.191E-6	
-14.00000	6.00000	-8.50000	-2.0061	-8.9310	-450.49E-6	-1.3734	15.828E-6	
-13.00000	6.00000	-8.50000	-2.2762	-8.9310	-561.59E-6	-1.5397	17.742E-6	
-12.00000	6.00000	-8.50000	-2.5768	-8.9310	-709.36E-6	-1.7360	20.001E-6	
-11.00000	6.00000	-8.50000	-2.9121	-8.9310	-909.72E-6	-1.9699	22.693E-6	
-10.00000	6.00000	-8.50000	-3.2875	-8.9310	-0.0011875	-2.2517	25.934E-6	
-9.00000	6.00000	-8.50000	-3.7095	-8.9310	-0.0015827	-2.5959	29.891E-6	
-8.00000	6.00000	-8.50000	-4.1859	-8.9310	-0.0021628	-3.0230	34.797E-6	
-7.00000	6.00000	-8.50000	-4.7270	-8.9310	-0.0030467	-3.5629	40.955E-6	
-6.00000	6.00000	-8.50000	-5.3458	-8.9310	-0.0044566	-4.2616	49.006E-6	
-5.00000	6.00000	-8.50000	-6.0599	-8.9310	-0.006373	-5.1926	59.664E-6	
-4.00000	6.00000	-8.50000	-6.8929	-8.9310	-0.011161	-6.4802	74.367E-6	
-3.00000	6.00000	-8.50000	-7.8788	-8.9310	-0.019180	-8.3509	95.648E-6	
-2.00000	6.00000	-8.50000	-9.0679	-8.9310	-0.039612	-11.260	128.52E-6	
-1.00000	6.00000	-8.50000	-10.540	-8.9310	-0.092460	-16.265	184.33E-6	
0.00000	6.00000	-8.50000	-12.436	-8.9310	-0.31792	-26.453	294.15E-6	
1.00000	6.00000	-8.50000	-15.047	-8.9310	-2.2088	-55.722	566.36E-6	
2.00000	6.00000	-8.50000	-20.0331	-8.9310	-79.994	-233.04	80.047E-6	
3.00000	6.00000	-8.50000	-25.008	-8.9310	-157.78	-410.36	-726.52E-6	
4.00000	6.00000	-8.50000	-27.600	-8.9310	-159.67	-439.61	-454.50E-6	
5.00000	6.00000	-8.50000	-29.464	-8.9310	-159.89	-449.77	-344.98E-6	
6.00000	6.00000	-8.50000	-30.493	-8.9310	-159.95	-458.74	-249.58E-6	
7.00000	6.00000	-8.50000	-32.028	-8.9310	-159.97	-457.61	-257.18E-6	
8.00000	6.00000	-8.50000	-32.950	-8.9310	-159.98	-459.43	-236.44E-6	
9.00000	6.00000	-8.50000	-33.709	-8.9310	-159.98	-460.67	-222.32E-6	
10.00000	6.00000	-8.50000	-34.341	-8.9310	-159.98	-461.55	-212.28E-6	
11.00000	6.00000	-8.50000	-34.868	-8.9310	-159.98	-462.19	-204.91E-6	
12.00000	6.00000	-8.50000	-35.308	-8.9310	-159.99	-462.67	-199.39E-6	
13.00000	6.00000	-8.50000	-35.675	-8.9310	-159.99	-463.04	-195.19E-6	
14.00000	6.00000	-8.50000	-35.977	-8.9310	-159.99	-463.32	-191.97E-6	
15.00000	6.00000	-8.50000	-36.222	-8.9310	-159.99	-463.53	-189.52E-6	
16.00000	6.00000	-8.50000	-36.416	-8.9310	-159.99	-463.69	-187.67E-6	
17.00000	6.00000	-8.50000	-36.562	-8.9310	-159.99	-463.81	-186.33E-6	
18.00000	6.00000	-8.50000	-36.664	-8.9310	-159.99	-463.89	-185.42E-6	
19.00000	6.00000	-8.50000	-36.723	-8.9310	-159.99	-463.93	-184.90E-6	
20.00000	6.00000	-8.50000	-36.741	-8.9310	-159.99	-463.94	-184.75E-6	
21.00000	6.00000	-8.50000	-36.717	-8.9310	-159.99	-463.93	-184.95E-6	
22.00000	6.00000	-8.50000	-36.652	-8.9310	-159.99	-463.88	-185.53E-6	
23.00000	6.00000	-8.50000	-36.543	-8.9310	-159.99	-463.79	-186.49E-6	
24.00000	6.00000	-8.50000	-36.389	-8.9310	-159.99	-463.67	-187.90E-6	
25.00000	6.00000	-8.50000	-36.187	-8.9310	-159.99	-463.50	-189.82E-6	
26.00000	6.00000	-8.50000	-35.933	-8.9310	-159.99	-463.28	-192.37E-6	
27.00000	6.00000	-8.50000	-35.621	-8.9310	-159.99	-462.99	-195.69E-6	
28.00000	6.00000	-8.50000	-35.243	-8.9310	-159.99	-462.62	-200.00E-6	
29.00000	6.00000	-8.50000	-34.791	-8.9310	-159.98	-462.12	-205.66E-6	
30.00000	6.00000	-8.50000	-34.251	-8.9310	-159.98	-461.47	-213.18E-6	
31.00000	6.00000	-8.50000	-33.606	-8.9310	-159.98	-460.58	-223.39E-6	
32.00000	6.00000	-8.50000	-32.832	-8.9310	-159.98	-459.32	-237.69E-6	
33.00000	6.00000	-8.50000	-31.936	-8.9310	-159.97	-457.48	-256.62E-6	
34.00000	6.00000	-8.50000	-30.747	-8.9310	-159.95	-454.60	-291.21E-6	
35.00000	6.00000	-8.50000	-29.305	-8.9310	-159.89	-449.61	-346.80E-6	
36.00000	6.00000	-8.50000	-27.429	-8.9310	-159.67	-439.44	-456.48E-6	
37.00000	6.00000	-8.50000	-24.827	-8.9310	-157.78	-408.94	-742.63E-6	
38.00000	6.00000	-8.50000	-19.842	-8.9310	-79.994	-232.85	-92.255E-6	
39.00000	6.00000	-8.50000	-14.853	-8.9310	-2.2085	-55.526	564.10E-6	
40.00000	6.00000	-8.50000	-12.240	-8.9310	-20.1766	-26.257	291.90E-6	
41.00000	6.00000	-8.50000	-10.346	-8.9310	-0.095012	-16.073	182.13E-6	
42.00000	6.00000	-8.50000	-8.8769	-8.9310	-0.039377	-11.076	126.41E-6	
43.00000	6.00000	-8.50000	-7.6937	-8.9310	-0.019600	-8.1781	93.662E-6	
44.00000	6.00000	-8.50000	-6.7153	-8.9310	-0.010977	-6.7153	72.527E-6	
45.00000	6.00000	-8.50000	-5.8911	-8.9310	-0.0066789	-5.0462	57.981E-6	
46.00000	6.00000	-8.50000	-5.1868	-8.9310	-0.0043226	-4.1291	47.483E-6	
47.00000	6.00000	-8.50000	-4.5781	-8.9310	-0.0029347	-3.4440	39.628E-6	
48.0000.								

Name	Location		Stresses					
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
-12.00000	9.00000	-8.50000	-2.8194	-8.9310	-810.24E-6	-1.8866	21.736E-6	
-11.00000	9.00000	-8.50000	-3.1883	-8.9310	-0.0010427	-2.1500	24.766E-6	
-10.00000	9.00000	-8.50000	-3.6023	-8.9310	-0.0013643	-2.4682	28.425E-6	
-9.00000	9.00000	-8.50000	-4.0685	-8.9310	-0.0018198	-2.8572	32.897E-6	
-8.00000	9.00000	-8.50000	-4.5959	-8.9310	-0.0024832	-3.3395	38.438E-6	
-7.00000	9.00000	-8.50000	-5.1953	-8.9310	-0.0034828	-3.9478	45.421E-6	
-6.00000	9.00000	-8.50000	-5.8809	-8.9310	-0.0050531	-4.7310	54.400E-6	
-5.00000	9.00000	-8.50000	-6.6707	-8.9310	-0.0076555	-5.7656	66.246E-6	
-4.00000	9.00000	-8.50000	-7.5891	-8.9310	-0.012282	-7.1793	82.194E-6	
-3.00000	9.00000	-8.50000	-8.6700	-8.9310	-0.021337	-9.2013	105.41E-6	
-2.00000	9.00000	-8.50000	-9.9633	-8.9310	-0.041668	-12.288	140.31E-6	
-1.00000	9.00000	-8.50000	-11.547	-8.9310	-0.097981	-17.495	198.43E-6	
0.00000	9.00000	-8.50000	-13.561	-8.9310	-0.22142	-27.905	310.78E-6	
1.00000	9.00000	-8.50000	-16.292	-8.9310	-2.2132	-57.408	585.65E-6	
2.00000	9.00000	-8.50000	-21.395	-8.9310	-79.999	-234.96	-58.095E-6	
3.00000	9.00000	-8.50000	-26.486	-8.9310	-157.79	-412.50	-702.06E-6	
4.00000	9.00000	-8.50000	-29.185	-8.9310	-159.68	-441.95	-427.79E-6	
5.00000	9.00000	-8.50000	-31.145	-8.9310	-159.90	-452.28	-316.36E-6	
6.00000	9.00000	-8.50000	-32.660	-8.9310	-159.94	-457.38	-259.37E-6	
7.00000	9.00000	-8.50000	-33.870	-8.9310	-159.98	-460.36	-228.69E-6	
8.00000	9.00000	-8.50000	-34.857	-8.9310	-159.98	-462.28	-203.93E-6	
9.00000	9.00000	-8.50000	-35.672	-8.9310	-159.99	-463.58	-189.01E-6	
10.00000	9.00000	-8.50000	-36.351	-8.9310	-159.99	-464.52	-178.33E-6	
11.00000	9.00000	-8.50000	-36.919	-8.9310	-159.99	-465.20	-170.47E-6	
12.00000	9.00000	-8.50000	-37.394	-8.9310	-159.99	-465.72	-164.55E-6	
13.00000	9.00000	-8.50000	-37.789	-8.9310	-159.99	-466.11	-160.03E-6	
14.00000	9.00000	-8.50000	-38.116	-8.9310	-159.99	-466.41	-156.57E-6	
15.00000	9.00000	-8.50000	-38.381	-8.9310	-159.99	-466.64	-153.92E-6	
16.00000	9.00000	-8.50000	-38.591	-8.9310	-160.00	-466.82	-151.92E-6	
17.00000	9.00000	-8.50000	-38.749	-8.9310	-160.00	-466.94	-150.47E-6	
18.00000	9.00000	-8.50000	-38.860	-8.9310	-160.00	-467.03	-149.48E-6	
19.00000	9.00000	-8.50000	-38.924	-8.9310	-160.00	-467.08	-148.92E-6	
20.00000	9.00000	-8.50000	-38.943	-8.9310	-160.00	-467.09	-148.75E-6	
21.00000	9.00000	-8.50000	-38.918	-8.9310	-160.00	-467.07	-148.97E-6	
22.00000	9.00000	-8.50000	-38.847	-8.9310	-160.00	-467.02	-149.60E-6	
23.00000	9.00000	-8.50000	-38.730	-8.9310	-160.00	-466.93	-150.65E-6	
24.00000	9.00000	-8.50000	-38.563	-8.9310	-160.00	-466.79	-152.19E-6	
25.00000	9.00000	-8.50000	-38.343	-8.9310	-159.99	-466.61	-154.30E-6	
26.00000	9.00000	-8.50000	-38.066	-8.9310	-159.99	-466.37	-157.09E-6	
27.00000	9.00000	-8.50000	-37.726	-8.9310	-159.99	-466.05	-160.73E-6	
28.00000	9.00000	-8.50000	-37.314	-8.9310	-159.99	-465.64	-165.47E-6	
29.00000	9.00000	-8.50000	-36.820	-8.9310	-159.99	-465.10	-171.65E-6	
30.00000	9.00000	-8.50000	-36.230	-8.9310	-159.99	-464.38	-179.85E-6	
31.00000	9.00000	-8.50000	-35.527	-8.9310	-159.99	-463.42	-190.91E-6	
32.00000	9.00000	-8.50000	-34.685	-8.9310	-159.98	-462.07	-206.28E-6	
33.00000	9.00000	-8.50000	-33.670	-8.9310	-159.98	-460.11	-228.55E-6	
34.00000	9.00000	-8.50000	-32.421	-8.9310	-159.96	-457.09	-262.78E-6	
35.00000	9.00000	-8.50000	-30.888	-8.9310	-159.90	-451.93	-320.36E-6	
36.00000	9.00000	-8.50000	-28.901	-8.9310	-159.68	-441.55	-432.36E-6	
37.00000	9.00000	-8.50000	-26.180	-8.9310	-157.78	-412.06	-707.10E-6	
38.00000	9.00000	-8.50000	-21.072	-8.9310	-79.998	-234.49	-61.482E-6	
39.00000	9.00000	-8.50000	-15.960	-8.9310	-2.2120	-56.925	580.12E-6	
40.00000	9.00000	-8.50000	-11.227	-8.9310	-0.32026	-27.427	305.31E-6	
41.00000	9.00000	-8.50000	-6.1219	-8.9310	-0.096930	-17.040	193.21E-6	
42.00000	9.00000	-8.50000	-9.6473	-8.9310	-0.040764	-11.868	135.50E-6	
43.00000	9.00000	-8.50000	-8.3708	-8.9310	-0.020593	-8.8245	101.08E-6	
44.00000	9.00000	-8.50000	-7.3096	-8.9310	-0.011688	-6.8476	78.588E-6	
45.00000	9.00000	-8.50000	-6.4124	-8.9310	-0.0071906	-5.4776	62.939E-6	
46.00000	9.00000	-8.50000	-5.6442	-8.9310	-0.0046937	-4.4832	51.555E-6	
47.00000	9.00000	-8.50000	-4.9797	-8.9310	-0.0032063	-3.7360	42.987E-6	
48.00000	9.00000	-8.50000	-4.4003	-8.9310	-0.0022708	-3.1590	36.363E-6	
49.00000	9.00000	-8.50000	-3.8917	-8.9310	-0.0016563	-2.7036	31.330E-6	
50.00000	9.00000	-8.50000	-3.4427	-8.9310	-0.0012380	-2.3375	26.921E-6	
51.00000	9.00000	-8.50000	-3.0445	-8.9310	-0.0008730	-2.0387	23.485E-6	
52.00000	9.00000	-8.50000	-2.6900	-8.9310	-733.69E-6	-1.7916	20.642E-6	
53.00000	9.00000	-8.50000	-2.3732	-8.9310	-578.66E-6	-1.5851	18.265E-6	
54.00000	9.00000	-8.50000	-2.0893	-8.9310	-462.56E-6	-1.4106	16.257E-6	
55.00000	9.00000	-8.50000	-1.8342	-8.9310	-374.17E-6	-1.2620	14.546E-6	
56.00000	9.00000	-8.50000	-1.6046	-8.9310	-305.88E-6	-1.1345	13.077E-6	
57.00000	9.00000	-8.50000	-1.3976	-8.9310	-252.43E-6	-1.0243	11.807E-6	
58.00000	9.00000	-8.50000	-1.2105	-8.9310	-210.10E-6	-0.9281	10.703E-6	
59.00000	9.00000	-8.50000	-1.0413	-8.9310	-176.23E-6	-0.84455	9.7365E-6	
60.00000	9.00000	-8.50000	-0.88810	-8.9310	-148.87E-6	-0.77083	8.8870E-6	
-20.00000	10.00000	-8.50000	-0.96799	-8.9310	-166.01E-6	-0.81128	9.3530E-6	
-19.00000	10.00000	-8.50000	-1.1304	-8.9310	-197.36E-6	-0.89119	10.274E-6	
-18.00000	10.00000	-8.50000	-1.3099	-8.9310	-236.30E-6	-0.98235	11.324E-6	
-17.00000	10.00000	-8.50000	-1.5086	-8.9310	-285.09E-6	-1.0869	12.528E-6	
-16.00000	10.00000	-8.50000	-1.7288	-8.9310	-346.87E-6	-1.2074	13.916E-6	
-15.00000	10.00000	-8.50000	-1.9732	-8.9310	-425.93E-6	-1.3471	15.525E-6	
-14.00000	10.00000	-8.50000	-2.2449	-8.9310	-528.38E-6	-1.5103	17.404E-6	
-13.00000	10.00000	-8.50000	-2.5476	-8.9310	-662.95E-6	-1.7023	19.614E-6	
-12.00000	10.00000	-8.50000	-2.8856	-8.9310	-842.44E-6	-1.9299	22.348E-6	
-11.00000	10.00000	-8.50000	-3.2640	-8.9310	-0.0010860	-2.2023	25.368E-6	
-10.00000	10.00000	-8.50000	-3.6889	-8.9310	-0.0014232	-2.5317	29.156E-6	
-9.00000	10.00000	-8.50000	-4.1679	-8.9310	-0.0019009	-2.9347	33.617E-6	
-8.00000	10.00000	-8.50000	-4.7098	-8.9310	-0.0025962	-3.4346	39.531E-6	
-7.00000	10.00000	-8.50000	-5.3261	-8.9310	-0.0036417	-4.0650	46.767E-6	
-6.00000	10.00000	-8.50000	-6.0309	-8.9310	-0.0052786	-4.8759	56.064E-6	
-5.00000	10.00000	-8.50000	-6.8425	-8.9310	-0.0079768	-5.9449	68.103E-6	
-4.00000	10.00000	-8.50000	-7.7852	-8.9310	-0.012738	-7.4004	84.929E-6	
-3.00000	10.00000	-8.50000	-8.8927	-8.9310	-0.021974	-9.4717	108.50E-6	
-2.00000	10.00000	-8.50000	-10.214	-8.9310	-0.042528	-12.613	146.03E-6	
-1.00000	10.00000	-8.50000	-11.827	-8.9310	-0.099084	-17.877	202.79E-6	
0.00000	10.00000	-8.50000	-13.867	-8.9310	-0.32274	-28.339	315.74E-6	
1.00000	10.00000	-8.50000	-16.624	-8.9310	-2.2146	-57.882	591.08E-6	
2.00000	10.00000	-8.50000	-21.748	-8.9310	-80.001	-235.46	-52.372E-6	
3.00000	10.00000	-8.50000	-26.857	-8.9310	-157.79	-413.01	-696.19E-6	
4.00000	10.00000	-8.50000	-29.571	-8.9310	-159.68	-442.46	-421.88E-6	
5.00000	10.00000	-8.50000	-31.544	-8.9310	-159.90			

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
27.00000	12.00000	-8.50000	-38.842	-8.9310	-160.00	-467.26	-146.86E-6	
28.00000	12.00000	-8.50000	-38.411	-8.9310	-160.00	-466.83	-151.80E-6	
29.00000	12.00000	-8.50000	-37.895	-8.9310	-159.99	-466.27	-158.24E-6	
30.00000	12.00000	-8.50000	-37.279	-8.9310	-159.99	-465.52	-166.75E-6	
31.00000	12.00000	-8.50000	-36.544	-8.9310	-159.99	-464.52	-178.20E-6	
32.00000	12.00000	-8.50000	-35.666	-8.9310	-159.99	-463.14	-194.04E-6	
33.00000	12.00000	-8.50000	-34.611	-8.9310	-159.98	-461.13	-216.86E-6	
34.00000	12.00000	-8.50000	-33.327	-8.9310	-159.96	-458.05	-251.73E-6	
35.00000	12.00000	-8.50000	-31.734	-8.9310	-159.90	-452.83	-310.02E-6	
36.00000	12.00000	-8.50000	-29.695	-8.9310	-159.68	-442.38	-422.81E-6	
37.00000	12.00000	-8.50000	-26.918	-8.9310	-157.79	-412.81	-698.40E-6	
38.00000	12.00000	-8.50000	-21.753	-8.9310	-79.999	-235.17	-55.653E-6	
39.00000	12.00000	-8.50000	-16.584	-8.9310	-2.2128	-57.530	587.07E-6	
40.00000	12.00000	-8.50000	-13.794	-8.9310	-0.32098	-27.958	311.41E-6	
41.00000	12.00000	-8.50000	-11.732	-8.9310	-0.097512	-17.501	198.51E-6	
42.00000	12.00000	-8.50000	-10.108	-8.9310	-0.041230	-12.265	140.06E-6	
43.00000	12.00000	-8.50000	-8.7835	-8.9310	-0.020962	-9.1639	104.99E-6	
44.00000	12.00000	-8.50000	-7.6778	-8.9310	-0.011978	-7.1364	81.910E-6	
45.00000	12.00000	-8.50000	-6.7400	-8.9310	-0.0074175	-5.7227	65.759E-6	
46.00000	12.00000	-8.50000	-5.9351	-8.9310	-0.0048704	-4.6909	53.944E-6	
47.00000	12.00000	-8.50000	-5.2378	-8.9310	-0.0033439	-3.9118	45.010E-6	
48.00000	12.00000	-8.50000	-4.6290	-8.9310	-0.0023781	-3.3080	38.078E-6	
49.00000	12.00000	-8.50000	-4.0944	-8.9310	-0.0017401	-2.8299	32.585E-6	
50.00000	12.00000	-8.50000	-3.6223	-8.9310	-0.0013037	-2.4448	28.158E-6	
51.00000	12.00000	-8.50000	-3.2037	-8.9310	-996.34E-6	-2.1301	24.538E-6	
52.00000	12.00000	-8.50000	-2.8310	-8.9310	-1774.55E-6	-1.8697	21.542E-6	
53.00000	12.00000	-8.50000	-2.4983	-8.9310	-611.10E-6	-1.6519	19.035E-6	
54.00000	12.00000	-8.50000	-2.2003	-8.9310	-488.44E-6	-1.4680	16.918E-6	
55.00000	12.00000	-8.50000	-1.9328	-8.9310	-394.91E-6	-1.3115	15.115E-6	
56.00000	12.00000	-8.50000	-1.6922	-8.9310	-322.59E-6	-1.1772	13.569E-6	
57.00000	12.00000	-8.50000	-1.4754	-8.9310	-265.95E-6	-1.0612	12.233E-6	
58.00000	12.00000	-8.50000	-1.2798	-8.9310	-221.10E-6	-0.96053	11.073E-6	
59.00000	12.00000	-8.50000	-1.1030	-8.9310	-185.22E-6	-0.87254	10.059E-6	
60.00000	12.00000	-8.50000	-0.94301	-8.9310	-156.25E-6	-0.79529	9.1689E-6	
-20.00000	13.00000	-8.50000	-1.0187	-8.9310	-176.19E-6	-0.83654	9.6441E-6	
-19.00000	13.00000	-8.50000	-1.1880	-8.9310	-210.32E-6	-0.92079	10.615E-6	
-18.00000	13.00000	-8.50000	-1.3754	-8.9310	-252.93E-6	-1.0172	11.726E-6	
-17.00000	13.00000	-8.50000	-1.5833	-8.9310	-306.65E-6	-1.1282	13.004E-6	
-16.00000	13.00000	-8.50000	-1.8140	-8.9310	-375.10E-6	-1.2566	14.483E-6	
-15.00000	13.00000	-8.50000	-2.0707	-8.9310	-463.33E-6	-1.4061	16.205E-6	
-14.00000	13.00000	-8.50000	-2.3567	-8.9310	-578.57E-6	-1.5816	18.225E-6	
-13.00000	13.00000	-8.50000	-2.6761	-8.9310	-731.26E-6	-1.7889	20.611E-6	
-12.00000	13.00000	-8.50000	-3.0336	-8.9310	-936.92E-6	-2.0362	23.456E-6	
-11.00000	13.00000	-8.50000	-3.4350	-8.9310	-0.0012191	-2.3338	26.880E-6	
-10.00000	13.00000	-8.50000	-3.8871	-8.9310	-0.0016147	-2.6959	31.044E-6	
-9.00000	13.00000	-8.50000	-4.3983	-8.9310	-0.0021831	-3.1422	36.173E-6	
-8.00000	13.00000	-8.50000	-4.9786	-8.9310	-0.0030237	-3.7002	42.500E-6	
-7.00000	13.00000	-8.50000	-5.6406	-8.9310	-0.0043108	-4.4097	50.721E-6	
-6.00000	13.00000	-8.50000	-6.4001	-8.9310	-0.0063643	-5.3305	61.271E-6	
-5.00000	13.00000	-8.50000	-7.2772	-8.9310	-0.0098097	-6.5549	75.276E-6	
-4.00000	13.00000	-8.50000	-8.2980	-8.9310	-0.015959	-8.2334	94.427E-6	
-3.00000	13.00000	-8.50000	-9.4971	-8.9310	-0.027826	-10.625	121.60E-6	
-2.00000	13.00000	-8.50000	-10.922	-8.9310	-0.051256	-14.212	162.10E-6	
-1.00000	13.00000	-8.50000	-12.643	-8.9310	-0.11780	-22.034	227.03E-6	
0.00000	13.00000	-8.50000	-14.780	-8.9310	-0.35082	-31.035	345.87E-6	
1.00000	13.00000	-8.50000	-17.598	-8.9310	-2.2473	-60.840	624.06E-6	
2.00000	13.00000	-8.50000	-22.737	-8.9310	-80.029	-238.25	21.147E-6	
3.00000	13.00000	-8.50000	-27.826	-8.9310	-157.81	-415.36	-669.78E-6	
4.00000	13.00000	-8.50000	-30.504	-8.9310	-159.69	-444.34	-400.62E-6	
5.00000	13.00000	-8.50000	-32.443	-8.9310	-159.91	-454.31	-293.20E-6	
6.00000	13.00000	-8.50000	-33.942	-8.9310	-159.96	-459.17	-238.96E-6	
7.00000	13.00000	-8.50000	-35.144	-8.9310	-159.98	-461.99	-207.04E-6	
8.00000	13.00000	-8.50000	-36.129	-8.9310	-159.99	-463.81	-186.36E-6	
9.00000	13.00000	-8.50000	-36.948	-8.9310	-159.99	-465.06	-172.07E-6	
10.00000	13.00000	-8.50000	-37.634	-8.9310	-159.99	-465.96	-161.76E-6	
11.00000	13.00000	-8.50000	-38.211	-8.9310	-160.00	-466.63	-154.09E-6	
12.00000	13.00000	-8.50000	-38.696	-8.9310	-160.00	-467.14	-148.26E-6	
13.00000	13.00000	-8.50000	-39.102	-8.9310	-160.00	-467.53	-143.77E-6	
14.00000	13.00000	-8.50000	-39.439	-8.9310	-160.00	-467.83	-140.29E-6	
15.00000	13.00000	-8.50000	-39.714	-8.9310	-160.00	-468.06	-137.60E-6	
16.00000	13.00000	-8.50000	-39.933	-8.9310	-160.00	-468.24	-135.55E-6	
17.00000	13.00000	-8.50000	-40.099	-8.9310	-160.00	-468.37	-134.05E-6	
18.00000	13.00000	-8.50000	-40.217	-8.9310	-160.00	-468.46	-133.01E-6	
19.00000	13.00000	-8.50000	-40.287	-8.9310	-160.00	-468.52	-132.40E-6	
20.00000	13.00000	-8.50000	-40.310	-8.9310	-160.00	-468.53	-132.19E-6	
21.00000	13.00000	-8.50000	-40.287	-8.9310	-160.00	-468.52	-132.39E-6	
22.00000	13.00000	-8.50000	-40.216	-8.9310	-160.00	-468.46	-133.00E-6	
23.00000	13.00000	-8.50000	-39.996	-8.9310	-160.00	-468.37	-134.08E-6	
24.00000	13.00000	-8.50000	-39.923	-8.9310	-160.00	-468.23	-135.66E-6	
25.00000	13.00000	-8.50000	-39.695	-8.9310	-160.00	-468.04	-137.85E-6	
26.00000	13.00000	-8.50000	-39.405	-8.9310	-160.00	-467.79	-140.76E-6	
27.00000	13.00000	-8.50000	-38.948	-8.9310	-160.00	-467.46	-144.57E-6	
28.00000	13.00000	-8.50000	-38.615	-8.9310	-160.00	-467.03	-149.53E-6	
29.00000	13.00000	-8.50000	-38.096	-8.9310	-159.99	-466.46	-156.01E-6	
30.00000	13.00000	-8.50000	-37.475	-8.9310	-159.99	-465.71	-164.57E-6	
31.00000	13.00000	-8.50000	-36.735	-8.9310	-159.99	-464.71	-176.08E-6	
32.00000	13.00000	-8.50000	-35.852	-8.9310	-159.99	-463.32	-191.99E-6	
33.00000	13.00000	-8.50000	-34.789	-8.9310	-159.98	-461.30	-214.90E-6	
34.00000	13.00000	-8.50000	-33.497	-8.9310	-159.96	-458.21	-249.87E-6	
35.00000	13.00000	-8.50000	-31.896	-8.9310	-159.90	-452.98	-308.27E-6	
36.00000	13.00000	-8.50000	-29.847	-8.9310	-159.68	-442.52	-421.18E-6	
37.00000	13.00000	-8.50000	-27.061	-8.9310	-157.79	-412.94	-566.90E-6	
38.00000	13.00000	-8.50000	-21.886	-8.9310	-79.999	-235.29	-54.287E-6	
39.00000	13.00000	-8.50000	-16.706	-8.9310	-2.2130	-57.637	588.30E-6	
40.00000	13.00000	-8.50000	-13.906	-8.9310	-0.32108	-28.054	312.51E-6	
41.00000	13.00000	-8.50000	-11.834	-8.9310	-0.097598	-17.585	99.484E-6	
42.00000	13.00000	-8.50000	-10.201	-8.9310	-0.041302	-12.339	140.91E-6	
43.00000	13.00000	-8.50000	-8.8670	-8.9310	-0.021022	-9.2283	105.73E-6	
44.00000	13.00000	-8.50000	-7.7528	-8.9310	-0.012027	-7.1922	82.532E-6	
45.00000	13.00000	-8.50000	-6.8072	-8.9310	-0.0074569	-5.7708	66.312E-6	
46.00000	13.00000	-8.50000	-5.9951	-8.9310	-0.00			

73-75 Avenue Road, NW8

Short-term Heave

<i>Job No.</i>	<i>Sheet No.</i>	<i>Rev.</i>
<i>J14383</i>		
<i>Drq. Ref.</i>		

Made by MP	Date 06-Feb-2015	Checked
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Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
-15.00000	16.00000	-8.50000	-2.1071	-8.9310	-490.18E-6	-1.4352	16.539E-6	
-14.00000	16.00000	-8.50000	-2.1071	-8.9310	-461.04E-6	-1.6187	16.551E-6	
-13.00000	16.00000	-8.50000	-2.7278	-8.9310	-787.50E-6	-1.8369	21.163E-6	
-12.00000	16.00000	-8.50000	-3.0959	-8.9310	-0.0010210	-2.0991	24.180E-6	
-11.00000	16.00000	-8.50000	-3.5106	-8.9310	-0.0013481	-2.4177	27.843E-6	
-10.00000	16.00000	-8.50000	-3.7999	-8.9310	-0.0018188	-2.8098	32.351E-6	
-9.00000	16.00000	-8.50000	-4.5125	-8.9310	-0.0025180	-3.3000	37.981E-6	
-8.00000	16.00000	-8.50000	-5.1213	-8.9310	-0.0035985	-3.9245	45.147E-6	
-7.00000	16.00000	-8.50000	-5.8214	-8.9310	-0.0053516	-4.7384	54.176E-6	
-6.00000	16.00000	-8.50000	-6.6329	-8.9310	-0.0083966	-5.8314	66.979E-6	
-5.00000	16.00000	-8.50000	-7.5830	-8.9310	-0.014162	-7.3582	84.392E-6	
-4.00000	16.00000	-8.50000	-8.7101	-8.9310	-0.026578	-9.6138	109.98E-6	
-3.00000	16.00000	-8.50000	-10.072	-8.9310	-0.059213	-13.244	150.73E-6	
-2.00000	16.00000	-8.50000	-11.764	-8.9310	-0.18108	-20.024	224.72E-6	
-1.00000	16.00000	-8.50000	-13.971	-8.9310	-1.1552	-37.429	391.79E-6	
0.00000	16.00000	-8.50000	-17.589	-8.9310	-40.160	-131.48	126.92E-6	
1.00000	16.00000	-8.50000	-21.570	-8.9310	-79.999	-235.09	56.578E-6	
2.00000	16.00000	-8.50000	-25.550	-8.9310	-119.84	-338.70	240.08E-6	
3.00000	16.00000	-8.50000	-29.161	-8.9310	-158.84	-432.75	304.97E-6	
4.00000	16.00000	-8.50000	-31.357	-8.9310	-159.82	-450.16	337.92E-6	
5.00000	16.00000	-8.50000	-33.032	-8.9310	-159.94	-456.93	263.97E-6	
6.00000	16.00000	-8.50000	-34.373	-8.9310	-159.97	-460.56	223.28E-6	
7.00000	16.00000	-8.50000	-35.473	-8.9310	-159.98	-462.81	197.77E-6	
8.00000	16.00000	-8.50000	-36.390	-8.9310	-159.99	-464.33	180.46E-6	
9.00000	16.00000	-8.50000	-37.162	-8.9310	-159.99	-465.41	168.08E-6	
10.00000	16.00000	-8.50000	-37.815	-8.9310	-159.99	-466.21	158.91E-6	
11.00000	16.00000	-8.50000	-38.370	-8.9310	-160.00	-466.81	151.95E-6	
12.00000	16.00000	-8.50000	-38.840	-8.9310	-160.00	-467.28	146.55E-6	
13.00000	16.00000	-8.50000	-39.236	-8.9310	-160.00	-467.65	142.34E-6	
14.00000	16.00000	-8.50000	-39.567	-8.9310	-160.00	-467.94	138.02E-6	
15.00000	16.00000	-8.50000	-39.840	-8.9310	-160.00	-468.17	136.41E-6	
16.00000	16.00000	-8.50000	-40.060	-8.9310	-160.00	-468.34	134.39E-6	
17.00000	16.00000	-8.50000	-40.223	-8.9310	-160.00	-468.46	132.86E-6	
18.00000	16.00000	-8.50000	-40.351	-8.9310	-160.00	-468.57	131.77E-6	
19.00000	16.00000	-8.50000	-40.427	-8.9310	-160.00	-468.63	131.08E-6	
20.00000	16.00000	-8.50000	-40.458	-8.9310	-160.00	-468.66	130.78E-6	
21.00000	16.00000	-8.50000	-40.442	-8.9310	-160.00	-468.65	130.87E-6	
22.00000	16.00000	-8.50000	-40.379	-8.9310	-160.00	-468.61	131.37E-6	</

73-75 Avenue Road, NW8

Short-term Heave

<i>Job No.</i>	<i>Sheet No.</i>	<i>Rev.</i>
J14383		
<i>Drp. Ref.</i>		

Made by MP	Date 06-Feb-2015	Checked
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Name	X	Location Y	Z [Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
45.00000	17.00000	-8.50000	-6.8717	-8.9310	-0.0074970	-5.8191	66.8686	-6.6
46.00000	17.00000	-8.50000	-6.0510	-8.9310	-0.0049347	-5.47719	51.9008	-6
47.00000	17.00000	-8.50000	-5.3430	-8.9310	-0.0033958	-3.9831	45.8316	-6
48.00000	17.00000	-8.50000	-4.7228	-8.9310	-0.0024197	-3.3690	38.7818	-6
49.00000	17.00000	-8.50000	-4.1778	-8.9310	-0.0017735	-2.8822	33.1876	-6
50.00000	17.00000	-8.50000	-3.6965	-8.9310	-0.0013304	-2.4896	28.6735	-6
51.00000	17.00000	-8.50000	-3.2696	-8.9310	-0.0010177	-2.1684	24.9792	-6
52.00000	17.00000	-8.50000	-2.8896	-8.9310	-791.718	-1.9026	21.9208	-6
53.00000	17.00000	-8.50000	-2.5503	-8.9310	-624.898	-1.6801	19.3608	-6
54.00000	17.00000	-8.50000	-2.2465	-8.9310	-499.558	-1.4923	17.1976	-6
55.00000	17.00000	-8.50000	-1.9739	-8.9310	-403.898	-1.3324	15.3568	-6
56.00000	17.00000	-8.50000	-1.7288	-8.9310	-329.868	-1.1952	13.7776	-6
57.00000	17.00000	-8.50000	-1.5079	-8.9310	-271.878	-1.0769	12.4138	-6
58.00000	17.00000	-8.50000	-1.3087	-8.9310	-225.938	-0.97407	11.2298	-6
59.00000	17.00000	-8.50000	-1.1287	-8.9310	-189.178	-0.88432	10.1958	-6
60.00000	17.00000	-8.50000	-0.96194	-8.9310	-159.498	-0.80557	9.28738	-6
-20.00000	18.00000	-8.50000	-1.0261	-8.9310	-182.388	-0.84374	9.72698	-6
-19.00000	18.00000	-8.50000	-1.1973	-8.9310	-218.898	-0.93016	10.7238	-6
-18.00000	18.00000	-8.50000	-1.3871	-8.9310	-264.928	-1.0295	11.8678	-6
-17.00000	18.00000	-8.50000	-1.5980	-8.9310	-323.638	-1.1443	13.1908	-6
-16.00000	18.00000	-8.50000	-1.8327	-8.9310	-399.468	-1.2780	14.7298	-6
-15.00000	18.00000	-8.50000	-2.0943	-8.9310	-498.818	-1.4349	16.5358	-6
-14.00000	18.00000	-8.50000	-2.3869	-8.9310	-631.098	-1.6204	18.6718	-6
-13.00000	18.00000	-8.50000	-2.7148	-8.9310	-810.458	-1.8420	21.2208	-6
-12.00000	18.00000	-8.50000	-3.0836	-8.9310	-0.0010589	-2.1094	24.2978	-6
-11.00000	18.00000	-8.50000	-3.5000	-8.9310	-0.0014117	-2.4364	28.0578	-6
-10.00000	18.00000	-8.50000	-3.9723	-8.9310	-0.0019276	-2.8421	32.7198	-6
-9.00000	18.00000	-8.50000	-4.5107	-8.9310	-0.0027096	-3.3543	38.6018	-6
-8.00000	18.00000	-8.50000	-5.1286	-8.9310	-0.0039487	-4.0151	46.1818	-6
-7.00000	18.00000	-8.50000	-5.8431	-8.9310	-0.0060261	-4.8910	56.2138	-6
-6.00000	18.00000	-8.50000	-6.6777	-8.9310	-0.0097769	-6.0933	69.9538	-6
-5.00000	18.00000	-8.50000	-7.6649	-8.9310	-0.017270	-7.8248	89.6688	-6
-4.00000	18.00000	-8.50000	-8.8929	-8.9310	-0.034575	-10.4965	119.8888	-6
-3.00000	18.00000	-8.50000	-10.319	-8.9310	-0.084435	-15.080	171.048	-6
-2.00000	18.00000	-8.50000	-12.022	-8.9310	-0.29284	-24.523	272.758	-6
-1.00000	18.00000	-8.50000	-14.799	-8.9310	-2.1496	-52.561	531.948	-6
0.00000	18.00000	-8.50000	-18.8000	-8.9310	-79.876	-228.38	1229.738	-6
1.00000	18.00000	-8.50000	-24.890	-8.9310	-157.63	-405.11	-781.838	-6
2.00000	18.00000	-8.50000	-27.724	-8.9310	-159.55	-435.56	-497.268	-6
3.00000	18.00000	-8.50000	-29.915	-8.9310	-159.94	-445.79	-365.908	-6
4.00000	18.00000	-8.50000	-31.685	-8.9310	-159.93	-454.52	-291.478	-6
5.00000	18.00000	-8.50000	-33.138	-8.9310	-159.96	-458.59	-245.718	-6
6.00000	18.00000	-8.50000	-34.844	-8.9310	-159.98	-461.23	-215.848	-6
7.00000	18.00000	-8.50000	-35.356	-8.9310	-159.99	-463.03	-195.328	-6
8.00000	18.00000	-8.50000	-36.211	-8.9310	-159.99	-464.31	-180.628	-6
9.00000	18.00000	-8.50000	-36.939	-8.9310	-159.99	-465.26	-169.748	-6
10.00000	18.00000	-8.50000	-37.560	-8.9310	-159.99	-465.98	-161.498	-6
11.00000	18.00000	-8.50000	-38.091	-8.9310	-160.00	-466.54	-155.108	-6
12.00000	18.00000	-8.50000	-38.543	-8.9310	-160.00	-466.98	-150.078	-6
13.00000	18.00000	-8.50000	-38.928	-8.9310	-160.00	-467.33	-146.092	-6
14.00000	18.00000	-8.50000	-39.252	-8.9310	-160.00	-467.60	-142.908	-6
15.00000	18.00000	-8.50000	-39.521	-8.9310	-160.00	-467.82	-140.358	-6
16.00000	18.00000	-8.50000	-39.740	-8.9310	-160.00	-468.00	-138.338	-6
17.00000	18.00000	-8.50000	-39.912	-8.9310	-160.00	-468.14	-136.758	-6
18.00000	18.00000	-8.50000	-40.039	-8.9310	-160.00	-468.24	-135.578	-6
19.00000	18.00000	-8.50000	-40.122	-8.9310	-160.00	-468.31	-134.758	-6
20.00000	18.00000	-8.50000	-40.161	-8.9310	-160.00	-468.35	-134.208	-6
21.00000	18.00000	-8.50000	-40.156	-8.9310	-160.00	-468.36	-134.208	-6
22.00000	18.00000	-8.50000	-40.105	-8.9310	-160.00	-468.33	-134.518	-6
23.00000	18.00000	-8.50000	-40.005	-8.9310	-160.00	-468.27	-135.268	-6
24.00000	18.00000	-8.50000	-39.853	-8.9310	-160.00	-468.16	-136.548	-6
25.00000	18.00000	-8.50000	-39.644	-8.9310	-160.00	-467.99	-138.438	-6
26.00000	18.00000	-8.50000	-39.373	-8.9310	-160.00	-467.76	-141.068	-6
27.00000	18.00000	-8.50000	-39.033	-8.9310	-160.00	-467.45	-144.628	-6
28.00000	18.00000	-8.50000	-38.616	-8.9310	-160.00	-467.04	-149.378	-6
29.00000	18.00000	-8.50000	-38.109	-8.9310	-159.99	-466.49	-155.678	-6
30.00000	18.00000	-8.50000	-37.500	-8.9310	-159.99	-465.76	-164.088	-6
31.00000	18.00000	-8.50000	-36.770	-8.9310	-159.99	-464.86	-175.488	-6
32.00000	18.00000	-8.50000	-35.893	-8.9310	-159.99	-463.37	-191.318	-6
33.00000	18.00000	-8.50000	-34.836	-8.9310	-159.98	-461.37	-214.178	-6
34.00000	18.00000	-8.50000	-33.548	-8.9310	-159.96	-458.28	-249.118	-6
35.00000	18.00000	-8.50000	-31.949	-8.9310	-159.90	-453.05	-307.518	-6
36.00000	18.00000	-8.50000	-29.901	-8.9310	-159.68	-442.59	-420.448	-6
37.00000	18.00000	-8.50000	-27.114	-8.9310	-157.79	-413.01	-696.198	-6
38.00000	18.00000	-8.50000	-23.937	-8.9310	-79.899	-235.35	-51.688	-6
39.00000	18.00000	-8.50000	-16.755	-8.9310	-2.2130	-57.691	588.928	-6
40.00000	18.00000	-8.50000	-13.953	-8.9310	-0.32114	-28.103	313.078	-6
41.00000	18.00000	-8.50000	-11.978	-8.9310	-0.09769	-17.629	199.928	-6
42.00000	18.00000	-8.50000	-10.241	-8.9310	-0.041345	-12.378	141.368	-6
43.00000	18.00000	-8.50000	-8.9038	-8.9310	-0.021058	-9.2626	106.128	-6
44.00000	18.00000	-8.50000	-7.7862	-8.9310	-0.012056	-7.2221	82.8988	-6
45.00000	18.00000	-8.50000	-6.8174	-8.9310	-0.0074809	-5.7866	66.6098	-6
46.00000	18.00000	-8.50000	-6.0222	-8.9310	-0.0049216	-4.7544	54.6758	-6
47.00000	18.00000	-8.50000	-5.3135	-8.9310	-0.0033851	-3.9663	45.6378	-6
48.00000	18.00000	-8.50000	-4.6983	-8.9310	-0.0024110	-3.3545	38.6148	-6
49.00000	18.00000	-8.50000	-4.1560	-8.9310	-0.0017665	-2.8697	33.0438	-6
50.00000	18.00000	-8.50000	-3.6771	-8.9310	-0.0013247	-2.4788	28.5498	-6
51.00000	18.00000	-8.50000	-3.2523	-8.9310	-0.0010132	-2.1591	24.8728	-6
52.00000	18.00000	-8.50000	-2.8742	-8.9310	-788.018	-89.845	12.8848	-6
53.00000	18.00000	-8.50000	-2.5366	-8.9310	-621.908	-1.6732	19.2808	-6
54.00000	18.00000	-8.50000	-2.2344	-8.9310	-497.128	-1.4863	17.1288	-6
55.00000	18.00000	-8.50000	-1.9631	-8.9310	-401.818	-1.3271	15.2968	-6
56.00000	18.00000	-8.50000	-1.7191	-8.9310	-328.258	-1.1907	13.7248	-6
57.00000	18.00000	-8.50000	-1.4993	-8.9310	-270.558	-1.0729	12.3678	-6
58.00000	18.00000	-8.50000	-1.3031	-8.9310	-224.848	-0.97061	11.1898	-6
59.00000	18.00000	-8.50000	-1.1219	-8.9310	-188.288	-0.88129	10.1608	-6
60.00000	18.00000	-8.50000	-0.95988	-8.9310	-158.758	-0.80290	9.25668	-6
-20.00000	19.00000	-8.50000	-1.0155	-8.9310	-181.638	-0.83949	9.67788	-6
-19.00000	19.00000	-8.50000	-1.1854	-8.9310	-218.128	-0.92544	10.6868	-6
-18.00000	19.00000	-8.50000	-1.3739	-8.9310	-264.218	-1.0243	11.8078	-6
-17.00000	19.00000	-8.50000	-1.5834	-8.9310	-323.108	-1.1386	13.1248	-6
-16.00000	19.00000	-8.50000	-1.8164	-8.9310	-399.338	-1.2719	14.6588	-6
-15.00000	19.00000	-8.50000	-2.0764	-8.9310	-499.478	-1.4282	16.4598	-6
-14.00000	19.00000	-8.50000	-2.3672	-8.9310	-633.248	-1.6135	18.5918	-6
-13.00000	19.00000	-8.50000	-2.6933	-8.9310	-815.328	-1.8351	21.1418	-6
-12.00000	19.00000	-8.50000	-3.0602	-8.9310	-0.0010687	-2.1032	24.2538	-6
-11.00000	19.00000	-8.50000	-3.4749	-8.9310	-0.0014304	-2.4318	28.0038	-6
-10.00000	19.00000	-8.50000	-3.9457	-8.9310	-0.0019627	-2.8407	32.7028	-6
-9.00000	19.00000	-8.50000	-4.4832	-8.9310	-0.0027552	-3.3592	38.5588	-6
-8.00000	19.00000	-8.50000	-5.1011	-8.9310	-0.0040731	-4.0314	46.3648	-6
-7.00000	19.00000	-8.50000	-5.8174	-8.9310	-0.0062675	-4.9276	56.6278	-6
-6.00000	19.00000	-8.50000	-6.6564	-8.9310	-0.010264	-6.1668	70.7848	-6
-5.00000	19.00000	-8.50000	-7.6524	-8.9310	-0.018305	-7.9698	91.2958	-6
-4.00000	19.00000	-8.50000	-8.8562	-8.9310	-0.036932	-10.764	122.898	-6
-3.00000	19.00000	-8.50000	-10.349	-8.9310	-0.090272	-15.595	176.788	-6
-2.00000	19.00000	-8.50000	-12.274	-8.9310	-0.30851	-25.525	283.778	-6
-1.00000	19.00000	-8.50000	-14.931	-8.9310				

Name	X	Location	Z[Level]	Z	Calc Level	Vert Stress	Stresses	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]		[kN/m²]	[-]
24.00000	19.00000	-8.50000	-39.613	-8.9310	-160.00	-467.92	-139.27E-6		
25.00000	19.00000	-8.50000	-39.414	-8.9310	-160.00	-467.77	-140.99E-6		
26.00000	19.00000	-8.50000	-39.153	-8.9310	-160.00	-467.55	-143.47E-6		
27.00000	19.00000	-8.50000	-38.823	-8.9310	-160.00	-467.26	-146.88E-6		
28.00000	19.00000	-8.50000	-38.415	-8.9310	-160.00	-466.85	-151.50E-6		
29.00000	19.00000	-8.50000	-37.918	-8.9310	-159.99	-466.32	-157.67E-6		
30.00000	19.00000	-8.50000	-37.318	-8.9310	-159.99	-465.59	-165.97E-6		
31.00000	19.00000	-8.50000	-36.597	-8.9310	-159.99	-464.61	-177.25E-6		
32.00000	19.00000	-8.50000	-35.729	-8.9310	-159.99	-463.23	-182.98E-6		
33.00000	19.00000	-8.50000	-34.681	-8.9310	-159.98	-461.23	-215.73E-6		
34.00000	19.00000	-8.50000	-33.402	-8.9310	-159.96	-458.15	-250.57E-6		
35.00000	19.00000	-8.50000	-31.812	-8.9310	-159.90	-452.93	-308.86E-6		
36.00000	19.00000	-8.50000	-29.773	-8.9310	-159.68	-442.48	-421.68E-6		
37.00000	19.00000	-8.50000	-26.996	-8.9310	-157.79	-412.91	-697.32E-6		
38.00000	19.00000	-8.50000	-21.829	-8.9310	-79.999	-235.26	-54.647E-6		
39.00000	19.00000	-8.50000	-16.655	-8.9310	-2.2139	-57.610	-987.98E-6		
40.00000	19.00000	-8.50000	-13.862	-8.9310	-0.32107	-28.031	312.25E-6		
41.00000	19.00000	-8.50000	-11.795	-8.9310	-0.097591	-17.566	199.26E-6		
42.00000	19.00000	-8.50000	-10.166	-8.9310	-0.041296	-12.323	140.72E-6		
43.00000	19.00000	-8.50000	-8.8360	-8.9310	-0.021017	-9.2139	105.56E-6		
44.00000	19.00000	-8.50000	-7.7253	-8.9310	-0.012023	-7.1797	82.407E-6		
45.00000	19.00000	-8.50000	-6.7827	-8.9310	-0.0074534	-5.7599	66.187E-6		
46.00000	19.00000	-8.50000	-5.9734	-8.9310	-0.0048993	-4.7227	54.311E-6		
47.00000	19.00000	-8.50000	-5.2719	-8.9310	-0.0033670	-3.9390	45.323E-6		
48.00000	19.00000	-8.50000	-4.6595	-8.9310	-0.0023965	-3.3310	38.343E-6		
49.00000	19.00000	-8.50000	-4.1214	-8.9310	-0.0017547	-2.8495	32.810E-6		
50.00000	19.00000	-8.50000	-3.6463	-8.9310	-0.0013153	-2.4614	28.349E-6		
51.00000	19.00000	-8.50000	-3.2249	-8.9310	-0.0010056	-2.1442	24.700E-6		
52.00000	19.00000	-8.50000	-2.8499	-8.9310	-781.90E-6	-1.8817	21.679E-6		
53.00000	19.00000	-8.50000	-2.5150	-8.9310	-616.97E-6	-1.6620	19.152E-6		
54.00000	19.00000	-8.50000	-2.2151	-8.9310	-493.13E-6	-1.4766	17.017E-6		
55.00000	19.00000	-8.50000	-1.9460	-8.9310	-398.67E-6	-1.3188	15.200E-6		
56.00000	19.00000	-8.50000	-1.7039	-8.9310	-325.61E-6	-1.1834	13.641E-6		
57.00000	19.00000	-8.50000	-1.4858	-8.9310	-268.39E-6	-1.0666	12.295E-6		
58.00000	19.00000	-8.50000	-1.2890	-8.9310	-223.08E-6	-0.96511	11.126E-6		
59.00000	19.00000	-8.50000	-1.1111	-8.9310	-186.82E-6	-0.87647	10.104E-6		
60.00000	19.00000	-8.50000	-0.95030	-8.9310	-157.55E-6	-0.79867	9.2079E-6		
-20.00000	20.00000	-8.50000	-1.0008	-8.9310	-180.15E-6	-0.83329	9.6065E-6		
-19.00000	20.00000	-8.50000	-1.1690	-8.9310	-216.43E-6	-0.91846	10.588E-6		
-18.00000	20.00000	-8.50000	-1.3556	-8.9310	-262.30E-6	-1.0164	11.716E-6		
-17.00000	20.00000	-8.50000	-1.5628	-8.9310	-321.00E-6	-1.1297	13.021E-6		
-16.00000	20.00000	-8.50000	-1.7935	-8.9310	-397.13E-6	-1.2619	14.543E-6		
-15.00000	20.00000	-8.50000	-2.0509	-8.9310	-497.36E-6	-1.4171	16.330E-6		
-14.00000	20.00000	-8.50000	-2.3387	-8.9310	-631.59E-6	-1.6011	18.448E-6		
-13.00000	20.00000	-8.50000	-2.6615	-8.9310	-814.91E-6	-1.8215	20.985E-6		
-12.00000	20.00000	-8.50000	-3.0251	-8.9310	-0.0010709	-2.0886	24.057E-6		
-11.00000	20.00000	-8.50000	-3.4361	-8.9310	-0.0014380	-2.4166	27.928E-6		
-10.00000	20.00000	-8.50000	-3.9031	-8.9310	-0.0019808	-2.8260	32.532E-6		
-9.00000	20.00000	-8.50000	-4.4369	-8.9310	-0.0028138	-3.3466	38.508E-6		
-8.00000	20.00000	-8.50000	-5.0514	-8.9310	-0.0041514	-4.0242	46.278E-6		
-7.00000	20.00000	-8.50000	-5.7650	-8.9310	-0.0064245	-4.9316	56.668E-6		
-6.00000	20.00000	-8.50000	-6.6026	-8.9310	-0.010580	-6.1924	71.068E-6		
-5.00000	20.00000	-8.50000	-7.5995	-8.9310	-0.018952	-8.0312	91.991E-6		
-4.00000	20.00000	-8.50000	-8.8078	-8.9310	-0.032825	-10.901	124.43E-6		
-3.00000	20.00000	-8.50000	-10.310	-8.9310	-0.093150	-15.858	179.71E-6		
-2.00000	20.00000	-8.50000	-12.249	-8.9310	-0.31458	-25.995	288.99E-6		
-1.00000	20.00000	-8.50000	-14.524	-8.9310	-2.2039	-55.233	560.89E-6		
0.00000	20.00000	-8.50000	-18.998	-8.9310	-79.988	-232.59	85.025E-6		
1.00000	20.00000	-8.50000	-25.097	-8.9310	-157.77	-410.08	-729.53E-6		
2.00000	20.00000	-8.50000	-27.844	-8.9310	-159.67	-439.66	-453.82E-6		
3.00000	20.00000	-8.50000	-29.888	-8.9310	-159.99	-459.25	-539.43E-6		
4.00000	20.00000	-8.50000	-31.510	-8.9310	-159.95	-455.68	-278.86E-6		
5.00000	20.00000	-8.50000	-32.838	-8.9310	-159.97	-458.96	-241.70E-6		
6.00000	20.00000	-8.50000	-33.847	-8.9310	-159.98	-461.15	-216.87E-6		
7.00000	20.00000	-8.50000	-34.883	-8.9310	-159.99	-462.68	-199.37E-6		
8.00000	20.00000	-8.50000	-35.680	-8.9310	-159.99	-463.80	-186.55E-6		
9.00000	20.00000	-8.50000	-36.361	-8.9310	-159.99	-464.64	-176.89E-6		
10.00000	20.00000	-8.50000	-36.947	-8.9310	-159.99	-465.29	-169.44E-6		
11.00000	20.00000	-8.50000	-37.450	-8.9310	-159.99	-465.80	-163.59E-6		
12.00000	20.00000	-8.50000	-37.883	-8.9310	-159.99	-466.21	-158.92E-6		
13.00000	20.00000	-8.50000	-38.253	-8.9310	-159.99	-466.54	-154.97E-6		
14.00000	20.00000	-8.50000	-38.569	-8.9310	-160.00	-466.80	-152.07E-6		
15.00000	20.00000	-8.50000	-38.834	-8.9310	-160.00	-467.02	-149.55E-6		
16.00000	20.00000	-8.50000	-39.054	-8.9310	-160.00	-467.20	-147.46E-6		
17.00000	20.00000	-8.50000	-39.231	-8.9310	-160.00	-467.35	-145.75E-6		
18.00000	20.00000	-8.50000	-39.366	-8.9310	-160.00	-467.47	-144.36E-6		
19.00000	20.00000	-8.50000	-39.462	-8.9310	-160.00	-467.57	-143.27E-6		
20.00000	20.00000	-8.50000	-39.516	-8.9310	-160.00	-467.64	-142.48E-6		
21.00000	20.00000	-8.50000	-39.529	-8.9310	-160.00	-467.68	-142.01E-6		
22.00000	20.00000	-8.50000	-39.498	-8.9310	-160.00	-467.69	-141.91E-6		
23.00000	20.00000	-8.50000	-39.420	-8.9310	-160.00	-467.66	-142.25E-6		
24.00000	20.00000	-8.50000	-39.290	-8.9310	-160.00	-467.58	-143.10E-6		
25.00000	20.00000	-8.50000	-39.104	-8.9310	-160.00	-467.45	-144.59E-6		
26.00000	20.00000	-8.50000	-38.855	-8.9310	-160.00	-467.26	-146.85E-6		
27.00000	20.00000	-8.50000	-38.538	-8.9310	-160.00	-466.98	-149.48E-6		
28.00000	20.00000	-8.50000	-38.142	-8.9310	-160.00	-466.59	-154.50E-6		
29.00000	20.00000	-8.50000	-37.657	-8.9310	-159.99	-466.07	-160.51E-6		
30.00000	20.00000	-8.50000	-37.089	-8.9310	-159.99	-465.36	-168.65E-6		
31.00000	20.00000	-8.50000	-36.459	-8.9310	-159.99	-464.39	-179.79E-6		
32.00000	20.00000	-8.50000	-35.504	-8.9310	-159.99	-463.02	-195.37E-6		
33.00000	20.00000	-8.50000	-34.468	-8.9310	-159.98	-461.04	-217.98E-6		
34.00000	20.00000	-8.50000	-33.201	-8.9310	-159.96	-457.97	-252.67E-6		
35.00000	20.00000	-8.50000	-31.624	-8.9310	-159.90	-452.76	-310.81E-6		
36.00000	20.00000	-8.50000	-29.597	-8.9310	-159.68	-442.32	-423.47E-6		
37.00000	20.00000	-8.50000	-26.833	-8.9310	-157.79	-41212.			

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.		Sheet No.		Rev.				
J14383								
Drq. Ref.								
Made by MP		Date 06-Feb-2015	Checked					
Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Vert Strain [-]
-18.00000	23.00000	-8.50000	-1.2706	-8.9310	-249.12E-6	-0.97708	11.263E-6	
-17.00000	23.00000	-8.50000	-1.4671	-8.9310	-304.84E-6	-1.0844	12.499E-6	
-16.00000	23.00000	-8.50000	-1.6857	-8.9310	-377.28E-6	-1.2095	13.940E-6	
-15.00000	23.00000	-8.50000	-1.9292	-8.9310	-472.93E-6	-1.3564	15.631E-6	
-14.00000	23.00000	-8.50000	-2.2014	-8.9310	-601.51E-6	-1.5306	17.636E-6	
-13.00000	23.00000	-8.50000	-2.5065	-8.9310	-777.94E-6	-1.7394	20.039E-6	
-12.00000	23.00000	-8.50000	-2.8498	-8.9310	-0.0010258	-1.9928	22.953E-6	
-11.00000	23.00000	-8.50000	-3.2378	-8.9310	-0.0013835	-2.3047	26.539E-6	
-10.00000	23.00000	-8.50000	-3.6788	-8.9310	-0.0019165	-2.6953	31.272E-6	
-9.00000	23.00000	-8.50000	-4.1832	-8.9310	-0.0027414	-3.1942	36.753E-6	
-8.00000	23.00000	-8.50000	-4.7645	-8.9310	-0.0040776	-3.8473	44.241E-6	
-7.00000	23.00000	-8.50000	-5.4407	-8.9310	-0.0063669	-4.7280	54.321E-6	
-6.00000	23.00000	-8.50000	-6.2367	-8.9310	-0.010579	-5.9612	68.401E-6	
-5.00000	23.00000	-8.50000	-7.1874	-8.9310	-0.019093	-7.7744	89.023E-6	
-4.00000	23.00000	-8.50000	-8.3447	-8.9310	-0.038739	-10.625	121.23E-6	
-3.00000	23.00000	-8.50000	-9.7904	-8.9310	-0.094220	-18.573	176.39E-6	
-2.00000	23.00000	-8.50000	-11.667	-8.9310	-0.31670	-25.712	285.65E-6	
-1.00000	23.00000	-8.50000	-14.269	-8.9310	-2.2074	-54.944	557.43E-6	
0.00000	23.00000	-8.50000	-19.255	-8.9310	-79.992	-232.25	894.93E-6	
1.00000	23.00000	-8.50000	-24.248	-8.9310	-157.78	-409.57	735.61E-6	
2.00000	23.00000	-8.50000	-26.869	-8.9310	-159.67	-438.85	463.26E-6	
3.00000	23.00000	-8.50000	-28.775	-8.9310	-159.89	-449.06	353.17E-6	
4.00000	23.00000	-8.50000	-30.257	-8.9310	-159.95	-454.09	297.00E-6	
5.00000	23.00000	-8.50000	-31.454	-8.9310	-159.97	-457.04	263.72E-6	
6.00000	23.00000	-8.50000	-32.446	-8.9310	-159.98	-458.95	242.03E-6	
7.00000	23.00000	-8.50000	-33.280	-8.9310	-159.98	-460.27	226.95E-6	
8.00000	23.00000	-8.50000	-33.992	-8.9310	-159.98	-461.23	215.95E-6	
9.00000	23.00000	-8.50000	-34.603	-8.9310	-159.98	-461.95	207.64E-6	
10.00000	23.00000	-8.50000	-35.131	-8.9310	-159.99	-462.52	201.18E-6	
11.00000	23.00000	-8.50000	-35.588	-8.9310	-159.99	-462.96	196.03E-6	
12.00000	23.00000	-8.50000	-35.988	-8.9310	-159.99	-463.33	191.82E-6	
13.00000	23.00000	-8.50000	-36.335	-8.9310	-159.99	-463.64	188.31E-6	
14.00000	23.00000	-8.50000	-36.637	-8.9310	-159.99	-463.90	185.43E-6	
15.00000	23.00000	-8.50000	-36.899	-8.9310	-159.99	-464.13	182.64E-6	
16.00000	23.00000	-8.50000	-37.125	-8.9310	-159.99	-464.34	180.22E-6	
17.00000	23.00000	-8.50000	-37.319	-8.9310	-159.99	-464.54	177.92E-6	
18.00000	23.00000	-8.50000	-37.482	-8.9310	-159.99	-464.73	175.69E-6	
19.00000	23.00000	-8.50000	-37.615	-8.9310	-159.99	-464.93	173.46E-6	
20.00000	23.00000	-8.50000	-37.717	-8.9310	-159.99	-465.12	171.23E-6	
21.00000	23.00000	-8.50000	-37.786	-8.9310	-159.99	-465.31	169.07E-6	
22.00000	23.00000	-8.50000	-37.817	-8.9310	-159.99	-465.49	167.12E-6	
23.00000	23.00000	-8.50000	-37.803	-8.9310	-159.99	-465.62	165.57E-6	
24.00000	23.00000	-8.50000	-37.739	-8.9310	-159.99	-465.71	164.64E-6	
25.00000	23.00000	-8.50000	-37.617	-8.9310	-159.99	-465.72	164.43E-6	
26.00000	23.00000	-8.50000	-37.429	-8.9310	-159.99	-465.64	165.42E-6	
27.00000	23.00000	-8.50000	-37.169	-8.9310	-159.99	-465.46	167.48E-6	
28.00000	23.00000	-8.50000	-36.829	-8.9310	-159.99	-465.16	170.92E-6	
29.00000	23.00000	-8.50000	-36.397	-8.9310	-159.99	-464.71	176.08E-6	
30.00000	23.00000	-8.50000	-35.862	-8.9310	-159.99	-464.07	183.44E-6	
31.00000	23.00000	-8.50000	-35.206	-8.9310	-159.99	-463.16	193.84E-6	
32.00000	23.00000	-8.50000	-34.405	-8.9310	-159.98	-461.86	208.68E-6	
33.00000	23.00000	-8.50000	-33.426	-8.9310	-159.98	-459.94	230.53E-6	
34.00000	23.00000	-8.50000	-32.217	-8.9310	-159.96	-456.94	264.42E-6	
35.00000	23.00000	-8.50000	-30.700	-8.9310	-159.90	-451.81	321.72E-6	
36.00000	23.00000	-8.50000	-28.736	-8.9310	-159.68	-441.45	433.50E-6	
37.00000	23.00000	-8.50000	-26.035	-8.9310	-157.78	-411.97	708.06E-6	
38.00000	23.00000	-8.50000	-20.945	-8.9310	-79.998	-234.42	64.291E-6	
39.00000	23.00000	-8.50000	-15.948	-8.9310	-2.2134	-46.865	78.43E-6	
40.00000	23.00000	-8.50000	-13.128	-8.9310	-0.32024	-27.377	304.73E-6	
41.00000	23.00000	-8.50000	-11.132	-8.9310	-0.096912	-16.997	192.71E-6	
42.00000	23.00000	-8.50000	-9.597	-8.9310	-0.040749	-11.831	116.93E-6	
43.00000	23.00000	-8.50000	-8.3020	-8.9310	-0.020581	-8.7924	100.72E-6	
44.00000	23.00000	-8.50000	-7.2485	-8.9310	-0.011679	-6.8198	78.268E-6	
45.00000	23.00000	-8.50000	-6.3582	-8.9310	-0.0071830	-5.4535	62.662E-6	
46.00000	23.00000	-8.50000	-5.5959	-8.9310	-0.0046874	-4.4623	51.314E-6	
47.00000	23.00000	-8.50000	-4.9367	-8.9310	-0.0032012	-3.7177	42.776E-6	
48.00000	23.00000	-8.50000	-4.3620	-8.9310	-0.0022666	-3.1430	36.178E-6	
49.00000	23.00000	-8.50000	-3.8576	-8.9310	-0.0016528	-2.6894	30.967E-6	
50.00000	23.00000	-8.50000	-3.4123	-8.9310	-0.0012351	-2.3250	26.778E-6	
51.00000	23.00000	-8.50000	-3.0174	-8.9310	-942.19E-6	-2.0277	23.358E-6	
52.00000	23.00000	-8.50000	-2.6558	-8.9310	-731.62E-6	-1.7819	20.330E-6	
53.00000	23.00000	-8.50000	-2.3515	-8.9310	-576.91E-6	-1.5764	18.165E-6	
54.00000	23.00000	-8.50000	-2.0700	-8.9310	-461.08E-6	-1.4029	16.168E-6	
55.00000	23.00000	-8.50000	-1.8170	-8.9310	-372.91E-6	-1.2552	14.466E-6	
56.00000	23.00000	-8.50000	-1.5893	-8.9310	-304.80E-6	-1.1283	12.906E-6	
57.00000	23.00000	-8.50000	-1.3838	-8.9310	-251.51E-6	-1.0187	11.743E-6	
58.00000	23.00000	-8.50000	-1.1983	-8.9310	-209.31E-6	-0.92343	10.645E-6	
59.00000	23.00000	-8.50000	-1.0304	-8.9310	-175.55E-6	-0.84007	9.6848E-6	
60.00000	23.00000	-8.50000	-0.87838	-8.9310	-148.28E-6	-0.76678	8.8403E-6	
-20.00000	24.00000	-8.50000	-0.90412	-8.9310	-166.90E-6	-0.78992	9.1065E-6	
-19.00000	24.00000	-8.50000	-1.0602	-8.9310	-200.19E-6	-0.86866	10.014E-6	
-18.00000	24.00000	-8.50000	-1.2330	-8.9310	-242.30E-6	-0.95803	11.005E-6	
-17.00000	24.00000	-8.50000	-1.4246	-8.9310	-296.22E-6	-1.0634	12.257E-6	
-16.00000	24.00000	-8.50000	-1.6375	-8.9310	-366.27E-6	-1.1849	13.656E-6	
-15.00000	24.00000	-8.50000	-1.8746	-8.9310	-458.72E-6	-1.3275	15.193E-6	
-14.00000	24.00000	-8.50000	-2.1393	-8.9310	-582.94E-6	-1.4964	17.242E-6	
-13.00000	24.00000	-8.50000	-2.4359	-8.9310	-753.34E-6	-1.6986	19.568E-6	
-12.00000	24.00000	-8.50000	-2.7692	-8.9310	-992.67E-6	-1.9437	22.388E-6	
-11.00000	24.00000	-8.50000	-3.1457	-8.9310	-0.0013382	-2.2453	25.855E-6	
-10.00000	24.00000	-8.50000	-3.5731	-8.9310	-0.0018533	-2.6227	30.190E-6	
-9.00000	24.00000	-8.50000	-4.0615	-8.9310	-0.0026513	-3.1045	35.721E-6	
-8.00000	24.00000	-8.50000	-4.6239	-8.9310	-0.0039459	-3.7252	42.952E-6	
-7.00000	24.00000	-8.50000	-5.2777	-8.9310	-0.0061694	-4.5862	52.691E-6	
-6.00000	24.00000	-8.50000	-6.0469	-8.9310	-0.010275	-5.7793	66.313E-6	
-5.00000	24.00000	-8.50000	-6.9657	-8.9310	-0.018616	-7.5382	86.315E-6	
-4.00000	24.00000	-8.50000	-8.0548	-8.9310	-0.037977	-10.315	117.68E-6	
-3.00000	24.00000	-8.50000	-9.4854	-8.9310	-0.093003	-15.164	171.71E-6	
-2.00000	24.00000	-8.50000	-11.310	-8.9310	-0.31479	-25.173	279.50E-6	
-1.00000	24.00000	-8.50000	-13.552	-8.9310	-2.2046	-54.246	549.47E-6	
0.00000	24.00000	-8.50000	-18.774	-8.9310	-79.988	-231.37	99.208E-6	
1.00000	24.00000	-8.50000	-23.700	-8.9310	-157.77	-408.50	747.77E-6	
2.00000	24.00000	-8.50000	-28.256	-8.9310	-159.46	-437.60	477.45E-6	
3.00000	24.00000	-8.50000	-30.100	-8.9310	-159.88	-447.65	369.15E-6	
4.00000	24.00000	-8.50000	-29.526	-8.9310	-159.94	-452.56	314.47E-6	
5.00000	24.00000	-8.50000	-30.674	-8.9310	-159.96	-455.40	282.39E-6	
6.00000	24.00000	-8.50000	-31.622	-8.9310	-159.97	-457.22	261.65E-6	
7.00000	24.00000	-8.50000	-32.420	-8.9310	-159.97	-458.48	247.31E-6	
8.00000	24.00000	-8.50000	-33.100	-8.9310	-159.97	-459.39	236.89E-6	
9.00000	24.00000	-8.50000	-33.685	-8.9310	-159.98	-460.07	229.01E-6	
10.00000	24.00000	-8.50000	-34.192	-8.9310	-159.98	-460.61	222.86E-6	
11.00000	24.00000	-8.50000	-34.634	-8.9310	-159.98	-461.04	217.93E-6	
12.00000	24.00000	-8.50000	-35.020	-8.9310	-159.98	-461.39	213.87E-6	
13.00000	24.00000	-8.50000	-35.359	-8.9310	-159.98	-461.69	210.42E-6	
14.00000	24.0							



73-75 Avenue Road, NW8

Short-term Heave

Name	Location	Stresses						
X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain	
[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]	
21.00000	26.00000	-8.50000	-34.515	-8.9310	-159.93	-457.49	-257.18E-6	
22.00000	26.00000	-8.50000	-34.723	-8.9310	-159.94	-458.72	-243.57E-6	
23.00000	26.00000	-8.50000	-34.892	-8.9310	-159.96	-459.91	-230.31E-6	
24.00000	26.00000	-8.50000	-34.994	-8.9310	-159.97	-460.86	-219.78E-6	
25.00000	26.00000	-8.50000	-35.015	-8.9310	-159.98	-461.49	-212.81E-6	
26.00000	26.00000	-8.50000	-34.947	-8.9310	-159.98	-461.82	-209.07E-6	
27.00000	26.00000	-8.50000	-34.789	-8.9310	-159.98	-461.92	-208.02E-6	
28.00000	26.00000	-8.50000	-34.538	-8.9310	-159.98	-461.81	-209.27E-6	
29.00000	26.00000	-8.50000	-34.190	-8.9310	-159.98	-461.51	-212.75E-6	
30.00000	26.00000	-8.50000	-33.736	-8.9310	-159.98	-460.99	-218.69E-6	
31.00000	26.00000	-8.50000	-33.163	-8.9310	-159.98	-460.20	-227.72E-6	
32.00000	26.00000	-8.50000	-32.450	-8.9310	-159.98	-459.02	-241.15E-6	
33.00000	26.00000	-8.50000	-31.565	-8.9310	-159.97	-457.24	-261.41E-6	
34.00000	26.00000	-8.50000	-30.459	-8.9310	-159.95	-454.40	-293.48E-6	
35.00000	26.00000	-8.50000	-29.053	-8.9310	-159.89	-449.45	-348.67E-6	
36.00000	26.00000	-8.50000	-27.209	-8.9310	-159.67	-439.30	-468.03E-6	
37.00000	26.00000	-8.50000	-24.634	-8.9310	-157.78	-410.06	-729.92E-6	
38.00000	26.00000	-8.50000	-19.672	-8.9310	-79.994	-232.76	-83.342E-6	
39.00000	26.00000	-8.50000	-14.704	-8.9310	-2.2085	-5.446	563.10E-6	
40.00000	26.00000	-8.50000	-12.108	-8.9310	-0.31763	-26.189	261.12E-6	
41.00000	26.00000	-8.50000	-10.229	-8.9310	-0.094988	-16.015	181.46E-6	
42.00000	26.00000	-8.50000	-8.7733	-8.9310	-0.039358	-11.027	125.84E-6	
43.00000	26.00000	-8.50000	-7.6017	-8.9310	-0.019584	-8.1353	93.169E-6	
44.00000	26.00000	-8.50000	-6.6336	-8.9310	-0.010964	-6.2830	72.100E-6	
45.00000	26.00000	-8.50000	-5.8184	-8.9310	-0.006688	-5.0140	57.610E-6	
46.00000	26.00000	-8.50000	-5.1221	-8.9310	-0.004344	-4.0111	47.650E-6	
47.00000	26.00000	-8.50000	-4.5205	-8.9310	-0.0029279	-3.4195	39.345E-6	
48.00000	26.00000	-8.50000	-3.9959	-8.9310	-0.0020642	-2.8955	33.330E-6	
49.00000	26.00000	-8.50000	-3.5352	-8.9310	-0.0015013	-2.4830	28.591E-6	
50.00000	26.00000	-8.50000	-3.1281	-8.9310	-0.0011205	-2.1519	24.785E-6	
51.00000	26.00000	-8.50000	-2.7665	-8.9310	-854.64E-6	-1.8817	21.678E-6	
52.00000	26.00000	-8.50000	-2.4440	-8.9310	-664.08E-6	-1.6583	19.106E-6	
53.00000	26.00000	-8.50000	-2.1533	-8.9310	-524.33E-6	-1.4712	16.951E-6	
54.00000	26.00000	-8.50000	-1.8961	-8.9310	-419.79E-6	-1.3130	15.132E-6	
55.00000	26.00000	-8.50000	-1.6628	-8.9310	-340.22E-6	-1.1779	13.576E-6	
56.00000	26.00000	-8.50000	-1.4524	-8.9310	-278.74E-6	-1.0618	12.239E-6	
57.00000	26.00000	-8.50000	-1.2622	-8.9310	-230.57E-6	-0.9611	11.079E-6	
58.00000	26.00000	-8.50000	-1.0901	-8.9310	-192.39E-6	-0.87336	10.068E-6	
59.00000	26.00000	-8.50000	-0.93412	-8.9310	-161.78E-6	-0.79641	9.1816E-6	
60.00000	26.00000	-8.50000	-0.79265	-8.9310	-137.01E-6	-0.72859	8.4001E-6	
-20.00000	27.00000	-8.50000	-0.79698	-8.9310	-150.17E-6	-0.74031	8.5348E-6	
-19.00000	27.00000	-8.50000	-0.93924	-8.9310	-179.19E-6	-0.81126	9.3523E-6	
-18.00000	27.00000	-8.50000	-0.9963	-8.9310	-215.68E-6	-0.89227	10.286E-6	
-17.00000	27.00000	-8.50000	-1.2699	-8.9310	-262.10E-6	-0.98533	11.357E-6	
-16.00000	27.00000	-8.50000	-1.4620	-8.9310	-321.99E-6	-1.0930	12.597E-6	
-15.00000	27.00000	-8.50000	-1.6752	-8.9310	-400.46E-6	-1.2185	14.043E-6	
-14.00000	27.00000	-8.50000	-1.9121	-8.9310	-505.08E-6	-1.3662	15.742E-6	
-13.00000	27.00000	-8.50000	-2.1762	-8.9310	-647.40E-6	-1.5416	17.761E-6	
-12.00000	27.00000	-8.50000	-2.4715	-8.9310	-845.57E-6	-1.7526	20.188E-6	
-11.00000	27.00000	-8.50000	-2.8031	-8.9310	-0.0011291	-2.0098	23.146E-6	
-10.00000	27.00000	-8.50000	-3.1770	-8.9310	-0.0015482	-2.3286	26.809E-6	
-9.00000	27.00000	-8.50000	-3.6013	-8.9310	-0.0021921	-2.7317	31.437E-6	
-8.00000	27.00000	-8.50000	-4.0860	-8.9310	-0.0032299	-3.2539	37.424E-6	
-7.00000	27.00000	-8.50000	-4.6448	-8.9310	-0.0050062	-3.9516	45.413E-6	
-6.00000	27.00000	-8.50000	-5.2963	-8.9310	-0.0082930	-4.9217	56.489E-6	
-5.00000	27.00000	-8.50000	-6.0675	-8.9310	-0.015044	-6.3457	72.682E-6	
-4.00000	27.00000	-8.50000	-6.9996	-8.9310	-0.031108	-8.6018	98.151E-6	
-3.00000	27.00000	-8.50000	-8.1612	-8.9310	-0.078773	-12.612	142.77E-6	
-2.00000	27.00000	-8.50000	-9.6805	-8.9310	-0.28302	-21.240	235.23E-6	
-1.00000	27.00000	-8.50000	-11.844	-8.9310	-2.1313	-48.084	480.93E-6	
0.00000	27.00000	-8.50000	-16.328	-8.9310	-79.839	-222.11	-200.83E-6	
1.00000	27.00000	-8.50000	-20.814	-8.9310	-157.55	-396.13	-882.56E-6	
2.00000	27.00000	-8.50000	-22.982	-8.9310	-159.39	-422.99	-636.75E-6	
3.00000	27.00000	-8.50000	-24.508	-8.9310	-159.60	-443.63	-544.12E-6	
4.00000	27.00000	-8.50000	-25.679	-8.9310	-159.65	-435.66	-499.28E-6	
5.00000	27.00000	-8.50000	-26.622	-8.9310	-159.66	-437.94	-473.55E-6	
6.00000	27.00000	-8.50000	-27.406	-8.9310	-159.67	-439.39	-457.06E-6	
7.00000	27.00000	-8.50000	-28.069	-8.9310	-159.67	-440.39	-438.61E-6	
8.00000	27.00000	-8.50000	-28.641	-8.9310	-159.67	-441.12	-437.30E-6	
9.00000	27.00000	-8.50000	-29.137	-8.9310	-159.68	-441.67	-430.91E-6	
10.00000	27.00000	-8.50000	-29.574	-8.9310	-159.68	-442.12	-427.54E-6	
11.00000	27.00000	-8.50000	-29.959	-8.9310	-159.68	-442.48	-421.65E-6	
12.00000	27.00000	-8.50000	-30.304	-8.9310	-159.68	-442.79	-418.05E-6	
13.00000	27.00000	-8.50000	-30.614	-8.9310	-159.68	-443.08	-414.79E-6	
14.00000	27.00000	-8.50000	-30.896	-8.9310	-159.68	-443.35	-411.81E-6	
15.00000	27.00000	-8.50000	-31.158	-8.9310	-159.68	-443.63	-408.39E-6	
16.00000	27.00000	-8.50000	-31.407	-8.9310	-159.68	-443.96	-404.65E-6	
17.00000	27.00000	-8.50000	-31.653	-8.9310	-159.68	-444.37	-399.94E-6	
18.00000	27.00000	-8.50000	-31.900	-8.9310	-159.68	-444.95	-393.40E-6	
19.00000	27.00000	-8.50000	-32.166	-8.9310	-159.69	-445.82	-383.62E-6	
20.00000	27.00000	-8.50000	-32.464	-8.9310	-159.71	-447.21	-368.21E-6	
21.00000	27.00000	-8.50000	-32.799	-8.9310	-159.75	-448.42	-344.18E-6	
22.00000	27.00000	-8.50000	-33.155	-8.9310	-159.83	-452.46	-311.70E-6	
23.00000	27.00000	-8.50000	-33.472	-8.9310	-159.90	-455.48	-279.56E-6	
24.00000	27.00000	-8.50000	-33.693	-8.9310	-159.95	-457.59	-251.58E-6	
25.00000	27.00000	-8.50000	-33.798	-8.9310	-159.96	-458.83	-242.96E-6	
26.00000	27.00000	-8.50000	-33.789	-8.9310	-159.97	-459.47	-235.81E-6	
27.00000	27.00000	-8.50000	-33.676	-8.9310	-159.97	-459.73	-232.92E-6	
28.00000	27.00000	-8.50000	-33.461	-8.9310	-159.97	-459.72	-230.93E-6	
29.00000	27.00000	-8.50000	-33.147	-8.9310	-159.97	-459.48	-235.80E-6	
30.00000	27.00000	-8.50000	-32.726	-8.9310	-159.97	-459.02	-241.10E-6	
31.00000	27.00000	-8.50000	-32.187	-8.9310	-159.97	-458.28	-249.52E-6	
32.00000	27.00000	-8.50000	-31.512	-8.9310	-159.97	-457.17	-262.25E-6	
33.00000	27.00000	-8.50000	-30.669	-8.9310	-159.96	-455.46	-281.66E-6	
34.00000	27.00000	-8.50000	-29.611	-8.9310	-159.94	-452.72	-312.66E-6	
35.00000	27.00000	-8.50000	-28.460	-8.9310	-159.88	-447.88	-350.97E-6	
36.00000	27.00000	-8.50000	-26.477	-8.9310	-159.66	-		

Name	Location		Z [Level] [mOD]	Z [mm]	Stresses			
	X [m]	Y [m]			Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
60.00000	29.00000	-8.50000	-0.68509	-8.9310	-122.80E-6	-0.68051	7.8460E-6	
-20.00000	30.00000	-8.50000	-0.66828	-8.9310	-129.69E-6	-0.68031	7.8434E-6	
-19.00000	30.00000	-8.50000	-0.79408	-8.9310	-153.39E-6	-0.74185	8.5525E-6	
-18.00000	30.00000	-8.50000	-0.93232	-8.9310	-182.83E-6	-0.81152	9.3551E-6	
-17.00000	30.00000	-8.50000	-1.0843	-8.9310	-219.78E-6	-0.89081	10.269E-6	
-16.00000	30.00000	-8.50000	-1.2517	-8.9310	-266.73E-6	-0.98157	11.314E-6	
-15.00000	30.00000	-8.50000	-1.4361	-8.9310	-327.19E-6	-1.0862	12.518E-6	
-14.00000	30.00000	-8.50000	-1.6396	-8.9310	-406.26E-6	-1.2076	13.916E-6	
-13.00000	30.00000	-8.50000	-1.8646	-8.9310	-511.49E-6	-1.3497	15.520E-6	
-12.00000	30.00000	-8.50000	-2.1140	-8.9310	-654.34E-6	-1.5177	17.485E-6	
-11.00000	30.00000	-8.50000	-2.3909	-8.9310	-852.86E-6	-1.7184	19.794E-6	
-10.00000	30.00000	-8.50000	-2.6994	-8.9310	-0.0011364	-1.9614	22.587E-6	
-9.00000	30.00000	-8.50000	-3.0443	-8.9310	-0.0015547	-2.2602	26.019E-6	
-8.00000	30.00000	-8.50000	-3.4316	-8.9310	-0.0021969	-2.6343	30.312E-6	
-7.00000	30.00000	-8.50000	-3.8688	-8.9310	-0.0032322	-3.1136	35.806E-6	
-6.00000	30.00000	-8.50000	-4.3653	-8.9310	-0.0050084	-3.7457	43.036E-6	
-5.00000	30.00000	-8.50000	-4.9338	-8.9310	-0.0083130	-4.6110	52.903E-6	
-4.00000	30.00000	-8.50000	-5.5911	-8.9310	-0.015173	-5.8564	67.033E-6	
-3.00000	30.00000	-8.50000	-6.3606	-8.9310	-0.031784	-7.7784	83.620E-6	
-2.00000	30.00000	-8.50000	-7.2750	-8.9310	-0.082112	-11.055	124.69E-6	
-1.00000	30.00000	-8.50000	-8.3756	-8.9310	-0.28783	-17.413	190.91E-6	
0.00000	30.00000	-8.50000	-9.6646	-8.9310	-1.1067	-29.639	303.61E-6	
1.00000	30.00000	-8.50000	-10.954	-8.9310	-1.9257	-41.868	416.33E-6	
2.00000	30.00000	-8.50000	-12.057	-8.9310	-2.1314	-48.229	482.60E-6	
3.00000	30.00000	-8.50000	-12.974	-8.9310	-2.1817	-51.513	518.74E-6	
4.00000	30.00000	-8.50000	-13.748	-8.9310	-2.1983	-53.444	540.44E-6	
5.00000	30.00000	-8.50000	-14.410	-8.9310	-2.2052	-54.702	554.71E-6	
6.00000	30.00000	-8.50000	-14.984	-8.9310	-2.2086	-55.582	564.75E-6	
7.00000	30.00000	-8.50000	-15.487	-8.9310	-2.2104	-56.232	572.19E-6	
8.00000	30.00000	-8.50000	-15.932	-8.9310	-2.2114	-56.734	577.94E-6	
9.00000	30.00000	-8.50000	-16.328	-8.9310	-2.2121	-57.136	582.55E-6	
10.00000	30.00000	-8.50000	-16.683	-8.9310	-2.2126	-57.469	586.38E-6	
11.00000	30.00000	-8.50000	-17.004	-8.9310	-2.2130	-57.758	589.70E-6	
12.00000	30.00000	-8.50000	-17.298	-8.9310	-2.2133	-58.021	592.72E-6	
13.00000	30.00000	-8.50000	-17.571	-8.9310	-2.2137	-58.275	595.64E-6	
14.00000	30.00000	-8.50000	-17.828	-8.9310	-2.2142	-58.543	598.71E-6	
15.00000	30.00000	-8.50000	-18.079	-8.9310	-2.2150	-58.855	602.29E-6	
16.00000	30.00000	-8.50000	-18.333	-8.9310	-2.2166	-59.265	606.95E-6	
17.00000	30.00000	-8.50000	-18.605	-8.9310	-2.2201	-59.874	613.86E-6	
18.00000	30.00000	-8.50000	-18.921	-8.9310	-2.2233	-60.635	622.93E-6	
19.00000	30.00000	-8.50000	-19.325	-8.9310	-2.2604	-63.014	648.69E-6	
20.00000	30.00000	-8.50000	-19.912	-8.9310	-2.4143	-68.355	704.98E-6	
21.00000	30.00000	-8.50000	-20.927	-8.9310	-4.0568	-88.811	884.11E-6	
22.00000	30.00000	-8.50000	-24.043	-8.9310	-80.945	-250.55	89.012E-6	
23.00000	30.00000	-8.50000	-27.127	-8.9310	-157.83	-412.27	-706.37E-6	
24.00000	30.00000	-8.50000	-28.045	-8.9310	-159.48	-432.65	-528.09E-6	
25.00000	30.00000	-8.50000	-28.469	-8.9310	-159.63	-437.86	-457.29E-6	
26.00000	30.00000	-8.50000	-28.641	-8.9310	-159.66	-439.77	-452.30E-6	
27.00000	30.00000	-8.50000	-28.651	-8.9310	-159.67	-440.56	-443.59E-6	
28.00000	30.00000	-8.50000	-28.539	-8.9310	-159.67	-440.82	-440.64E-6	
29.00000	30.00000	-8.50000	-28.322	-8.9310	-159.67	-441.78	-441.18E-6	
30.00000	30.00000	-8.50000	-28.004	-8.9310	-159.67	-440.49	-444.48E-6	
31.00000	30.00000	-8.50000	-27.582	-8.9310	-159.67	-439.95	-450.63E-6	
32.00000	30.00000	-8.50000	-27.043	-8.9310	-159.67	-439.10	-450.48E-6	
33.00000	30.00000	-8.50000	-26.366	-8.9310	-159.66	-437.76	-475.64E-6	
34.00000	30.00000	-8.50000	-25.512	-8.9310	-159.65	-435.56	-500.41E-6	
35.00000	30.00000	-8.50000	-24.417	-8.9310	-159.60	-431.60	-544.50E-6	
36.00000	30.00000	-8.50000	-23.063	-8.9310	-159.39	-423.00	-636.54E-6	
37.00000	30.00000	-8.50000	-20.837	-8.9310	-157.55	-396.19	-881.91E-6	
38.00000	30.00000	-8.50000	-16.394	-8.9310	-79.839	-222.19	-199.86E-6	
39.00000	30.00000	-8.50000	-11.944	-8.9310	-2.1314	-48.189	482.13E-6	
40.00000	30.00000	-8.50000	-9.8068	-8.9310	-0.28316	-21.357	236.57E-6	
41.00000	30.00000	-8.50000	-8.3073	-8.9310	-0.078907	-12.736	144.19E-6	
42.00000	30.00000	-8.50000	-6.7075	-8.9310	-0.032233	-9.7275	99.598E-6	
43.00000	30.00000	-8.50000	-6.2372	-8.9310	-0.015157	-6.4706	74.119E-6	
44.00000	30.00000	-8.50000	-5.4716	-8.9310	-0.0083931	-5.0433	57.888E-6	
45.00000	30.00000	-8.50000	-4.8226	-8.9310	-0.0050940	-4.0683	46.755E-6	
46.00000	30.00000	-8.50000	-4.2638	-8.9310	-0.0030613	-3.3649	38.702E-6	
47.00000	30.00000	-8.50000	-3.7771	-8.9310	-0.0022578	-2.8364	32.642E-6	
48.00000	30.00000	-8.50000	-3.3493	-8.9310	-0.0016047	-2.4268	27.939E-6	
49.00000	30.00000	-8.50000	-2.9706	-8.9310	-0.0011776	-2.1015	24.002E-6	
50.00000	30.00000	-8.50000	-2.6335	-8.9310	-887.11E-6	-1.8380	21.172E-6	
51.00000	30.00000	-8.50000	-2.3319	-8.9310	-683.00E-6	-1.6209	18.675E-6	
52.00000	30.00000	-8.50000	-2.0612	-8.9310	-535.62E-6	-1.4398	16.590E-6	
53.00000	30.00000	-8.50000	-1.8174	-8.9310	-426.71E-6	-1.2868	14.829E-6	
54.00000	30.00000	-8.50000	-1.5972	-8.9310	-344.60E-6	-1.1563	13.326E-6	
55.00000	30.00000	-8.50000	-1.3980	-8.9310	-281.62E-6	-1.0440	12.033E-6	
56.00000	30.00000	-8.50000	-1.2174	-8.9310	-232.56E-6	-0.9462	10.312E-6	
57.00000	30.00000	-8.50000	-1.0535	-8.9310	-193.84E-6	-0.86165	9.9331E-6	
58.00000	30.00000	-8.50000	-0.90444	-8.9310	-162.91E-6	-0.78704	9.0735E-6	
59.00000	30.00000	-8.50000	-0.76886	-8.9310	-137.94E-6	-0.72119	8.3147E-6	
60.00000	30.00000	-8.50000	-0.64843	-8.9310	-117.58E-6	-0.66277	7.6466E-6	
-20.00000	31.00000	-8.50000	-0.62211	-8.9310	-122.46E-6	-0.65882	7.5958E-6	
-19.00000	31.00000	-8.50000	-0.74207	-8.9310	-144.31E-6	-0.71706	8.2668E-6	
-18.00000	31.00000	-8.50000	-0.87166	-8.9310	-171.30E-6	-0.78275	9.1078E-6	
-17.00000	31.00000	-8.50000	-1.0181	-8.9310	-204.98E-6	-0.85723	9.8817E-6	
-16.00000	31.00000	-8.50000	-1.1767	-8.9310	-247.47E-6	-0.94212	10.859E-6	
-15.00000	31.00000	-8.50000	-1.3510	-8.9310	-301.77E-6	-1.0395	11.981E-6	
-14.00000	31.00000	-8.50000	-1.5429	-8.9310	-372.15E-6	-1.1518	13.274E-6	
-13.00000	31.00000	-8.50000	-1.7544	-8.9310	-464.83E-6	-1.2825	14.779E-6	
-12.00000	31.00000	-8.50000	-1.9878	-8.9310	-589.11E-6	-1.4358	16.543E-6	
-11.00000	31.00000	-8.50000	-2.2458	-8.9310	-759.32E-6	-1.6174	18.631E-6	
-10.00000	31.00000	-8.50000	-2.5319	-8.9310	-998.15E-6	-1.8348	21.132E-6	
-9.00000	31.00000	-8.50000	-2.8498	-8.9310	-0.0013430	-2.0987	24.164E-6	
-8.00000	31.00000	-8.50000	-3.2041	-8.9310	-0.0018579	-2.4239	27.897E-6	
-7.00000	31.00000	-8.50000	-3.6004	-8.9310	-0.0026588	-2.8319	32.767E-6	
-6.00000	31.00000	-8.50000	-4.0455	-8.9310	-0.0039677	-3.3553	38.568E-6	
-5.00000	31.00000	-8.50000	-4.5475	-8.9310	-0.0062404	-4.0448	46.444E-6	
-4.00000	31.00000	-8.50000	-5.1162	-8.9310	-0.010490	-4.9830	57.120E-6	
-3.00000	31.00000	-8.50000	-5.7629	-8.9310	-0.019160	-6.3074	72.098E-6	
-2.00000	31.00000	-8.50000	-6.4983	-8.9310	-0.038441	-8.2437	93.767E-6	
-1.00000	31.00000	-8.50000	-7.3249	-8.9310				



73-75 Avenue Road, NW8

Short-term Heave

Job No.		Sheet No.		Rev.				
J14383								
Drg. Ref.								
Made by MP		Date 06-Feb-2015	Checked					
Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
18.00000	33.00000	-8.50000	-12.200	-8.9310	-0.051884	-14.973	170.93E-6	
19.00000	33.00000	-8.50000	-12.513	-8.9310	-0.066221	-16.258	185.26E-6	
20.00000	33.00000	-8.50000	-12.911	-8.9310	-0.11315	-18.748	212.36E-6	
21.00000	33.00000	-8.50000	-13.443	-8.9310	-0.31414	-24.175	268.01E-6	
22.00000	33.00000	-8.50000	-14.121	-8.9310	-1.1274	-35.371	369.02E-6	
23.00000	33.00000	-8.50000	-14.774	-8.9310	-1.9406	-46.549	469.82E-6	
24.00000	33.00000	-8.50000	-15.228	-8.9310	-2.1415	-51.918	524.81E-6	
25.00000	33.00000	-8.50000	-15.495	-8.9310	-2.1883	-54.311	550.79E-6	
26.00000	33.00000	-8.50000	-15.621	-8.9310	-2.2025	-55.453	565.47E-6	
27.00000	33.00000	-8.50000	-15.637	-8.9310	-2.2077	-56.001	569.61E-6	
28.00000	33.00000	-8.50000	-15.564	-8.9310	-2.2098	-56.220	572.07E-6	
29.00000	33.00000	-8.50000	-15.411	-8.9310	-2.2105	-56.225	572.10E-6	
30.00000	33.00000	-8.50000	-15.182	-8.9310	-2.2104	-56.059	570.13E-6	
31.00000	33.00000	-8.50000	-14.877	-8.9310	-2.2097	-55.729	566.41E-6	
32.00000	33.00000	-8.50000	-14.491	-8.9310	-2.2082	-55.207	560.44E-6	
33.00000	33.00000	-8.50000	-14.037	-8.9310	-2.2050	-54.425	551.52E-6	
34.00000	33.00000	-8.50000	-13.440	-8.9310	-2.1982	-53.243	538.13E-6	
35.00000	33.00000	-8.50000	-12.740	-8.9310	-2.1816	-51.372	517.11E-6	
36.00000	33.00000	-8.50000	-11.894	-8.9310	-2.1313	-48.152	482.22E-6	
37.00000	33.00000	-8.50000	-10.835	-8.9310	-1.9256	-41.811	415.68E-6	
38.00000	33.00000	-8.50000	-9.5896	-8.9310	-1.1067	-29.612	303.30E-6	
39.00000	33.00000	-8.50000	-8.3380	-8.9310	-0.28785	-17.408	190.86E-6	
40.00000	33.00000	-8.50000	-7.284	-8.9310	-0.08219	-11.059	124.84E-6	
41.00000	33.00000	-8.50000	-6.3795	-8.9310	-0.031816	-7.8050	88.935E-6	
42.00000	33.00000	-8.50000	-5.6308	-8.9310	-0.015208	-5.8926	67.449E-6	
43.00000	33.00000	-8.50000	-4.9900	-8.9310	-0.0083488	-4.6540	50.398E-6	
44.00000	33.00000	-8.50000	-4.4345	-8.9310	-0.0050433	-3.7932	43.583E-6	
45.00000	33.00000	-8.50000	-3.9478	-8.9310	-0.0032654	-3.1639	36.385E-6	
46.00000	33.00000	-8.50000	-3.5179	-8.9310	-0.0022279	-2.6859	30.907E-6	
47.00000	33.00000	-8.50000	-3.1357	-8.9310	-0.0018812	-2.3120	26.468E-6	
48.00000	33.00000	-8.50000	-2.7940	-8.9310	-0.0011623	-2.0128	23.179E-6	
49.00000	33.00000	-8.50000	-2.4872	-8.9310	-876.29E-6	-1.7687	20.373E-6	
50.00000	33.00000	-8.50000	-2.2107	-8.9310	-675.38E-6	-1.5644	18.047E-6	
51.00000	33.00000	-8.50000	-1.9608	-8.9310	-530.30E-6	-1.3967	16.093E-6	
52.00000	33.00000	-8.50000	-1.7344	-8.9310	-423.03E-6	-1.2526	14.435E-6	
53.00000	33.00000	-8.50000	-1.5288	-8.9310	-342.11E-6	-1.1291	13.013E-6	
54.00000	33.00000	-8.50000	-1.3418	-8.9310	-279.99E-6	-1.0224	11.784E-6	
55.00000	33.00000	-8.50000	-1.1714	-8.9310	-231.56E-6	-0.92952	10.715E-6	
56.00000	33.00000	-8.50000	-1.0161	-8.9310	-193.29E-6	-0.84817	9.7776E-6	
57.00000	33.00000	-8.50000	-0.87440	-8.9310	-162.69E-6	-0.77650	8.9319E-6	
58.00000	33.00000	-8.50000	-0.74466	-8.9310	-137.96E-6	-0.71302	8.2205E-6	
59.00000	33.00000	-8.50000	-0.62669	-8.9310	-117.77E-6	-0.65655	7.5697E-6	
60.00000	33.00000	-8.50000	-0.51859	-8.9310	-101.15E-6	-0.60609	6.9882E-6	
-20.00000	34.00000	-8.50000	-0.87442	-8.9310	-100.83E-6	-0.47842	8.0009E-6	
-19.00000	34.00000	-8.50000	-0.58064	-8.9310	-117.36E-6	-0.64077	7.3877E-6	
-18.00000	34.00000	-8.50000	-0.69209	-8.9310	-137.35E-6	-0.69468	8.0090E-6	
-17.00000	34.00000	-8.50000	-0.81360	-8.9310	-161.76E-6	-0.75501	8.7040E-6	
-16.00000	34.00000	-8.50000	-0.94605	-8.9310	-191.81E-6	-0.82276	9.4845E-6	
-15.00000	34.00000	-8.50000	-1.0904	-8.9310	-229.15E-6	-0.89916	10.365E-6	
-14.00000	34.00000	-8.50000	-1.2478	-8.9310	-275.98E-6	-0.98569	11.361E-6	
-13.00000	34.00000	-8.50000	-1.4195	-8.9310	-335.37E-6	-1.0841	12.495E-6	
-12.00000	34.00000	-8.50000	-1.6066	-8.9310	-411.55E-6	-1.1967	13.791E-6	
-11.00000	34.00000	-8.50000	-1.8106	-8.9310	-510.52E-6	-1.3262	15.281E-6	
-10.00000	34.00000	-8.50000	-2.0331	-8.9310	-640.82E-6	-1.4758	17.002E-6	
-9.00000	34.00000	-8.50000	-2.2756	-8.9310	-814.85E-6	-1.6497	19.003E-6	
-8.00000	34.00000	-8.50000	-2.5400	-8.9310	-0.0010507	-1.8531	21.341E-6	
-7.00000	34.00000	-8.50000	-2.8278	-8.9310	-0.0013751	-2.0923	24.088E-6	
-6.00000	34.00000	-8.50000	-3.1407	-8.9310	-0.0018270	-2.3746	27.300E-6	
-5.00000	34.00000	-8.50000	-3.4798	-8.9310	-0.0024624	-2.7088	31.163E-6	
-4.00000	34.00000	-8.50000	-3.8458	-8.9310	-0.0033569	-3.1038	35.688E-6	
-3.00000	34.00000	-8.50000	-4.2378	-8.9310	-0.0045999	-3.5666	40.931E-6	
-2.00000	34.00000	-8.50000	-4.6532	-8.9310	-0.0062663	-4.0989	47.067E-6	
-1.00000	34.00000	-8.50000	-5.0868	-8.9310	-0.0083545	-4.6913	53.829E-6	
0.00000	34.00000	-8.50000	-5.5304	-8.9310	-0.010720	-5.3490	60.997E-6	
1.00000	34.00000	-8.50000	-5.9743	-8.9310	-0.013086	-5.3489	68.172E-6	
2.00000	34.00000	-8.50000	-6.4084	-8.9310	-0.015176	-6.5434	74.958E-6	
3.00000	34.00000	-8.50000	-6.8248	-8.9310	-0.016847	-7.0792	81.081E-6	
4.00000	34.00000	-8.50000	-7.2382	-8.9310	-0.018097	-7.5472	86.436E-6	
5.00000	34.00000	-8.50000	-7.5860	-8.9310	-0.019001	-7.9491	91.042E-6	
6.00000	34.00000	-8.50000	-7.9276	-8.9310	-0.019649	-8.2925	94.981E-6	
7.00000	34.00000	-8.50000	-8.2436	-8.9310	-0.020118	-8.5868	98.564E-6	
8.00000	34.00000	-8.50000	-8.5355	-8.9310	-0.020466	-8.8415	101.29E-6	
9.00000	34.00000	-8.50000	-8.8053	-8.9310	-0.020735	-9.0652	103.86E-6	
10.00000	34.00000	-8.50000	-9.0552	-8.9310	-0.020957	-9.2659	106.16E-6	
11.00000	34.00000	-8.50000	-9.2877	-8.9310	-0.021157	-9.4415	108.18E-6	
12.00000	34.00000	-8.50000	-9.5056	-8.9310	-0.021362	-9.6299	110.35E-6	
13.00000	34.00000	-8.50000	-9.7120	-8.9310	-0.021606	-9.8104	112.42E-6	
14.00000	34.00000	-8.50000	-9.9105	-8.9310	-0.021940	-10.005	114.60E-6	
15.00000	34.00000	-8.50000	-10.106	-8.9310	-0.022457	-10.231	117.24E-6	
16.00000	34.00000	-8.50000	-10.303	-8.9310	-0.023343	-10.514	120.48E-6	
17.00000	34.00000	-8.50000	-10.509	-8.9310	-0.024999	-10.897	124.84E-6	
18.00000	34.00000	-8.50000	-10.734	-8.9310	-0.028364	-14.455	144.44E-6	
19.00000	34.00000	-8.50000	-10.989	-8.9310	-0.035792	-12.317	140.85E-6	
20.00000	34.00000	-8.50000	-11.288	-8.9310	-0.053399	-13.707	156.28E-6	
21.00000	34.00000	-8.50000	-11.637	-8.9310	-0.094981	-15.927	184.40E-6	
22.00000	34.00000	-8.50000	-12.019	-8.9310	-0.17125	-18.995	213.19E-6	
23.00000	34.00000	-8.50000	-12.377	-8.9310	-0.24751	-22.045	245.74E-6	
24.00000	34.00000	-8.50000	-12.654	-8.9310	-0.28905	-24.213	269.32E-6	
25.00000	34.00000	-8.50000	-12.832	-8.9310	-0.30638	-26.745	291.96E-6	
26.00000	34.00000	-8.50000	-12.916	-8.9310	-0.31389	-26.250	291.96E-6	
27.00000	34.00000	-8.50000	-12.917	-8.9310	-0.31708	-26.635	296.29E-6	
28.00000	34.00000	-8.50000	-12.845	-8.9310	-0.31848	-26.794	298.07E-6	
29.00000	34.00000	-8.50000	-12.705	-8.9310	-0.31900	-26.789	298.00E-6	
30.00000	34.00000	-8.50000	-12.500	-8.9310	-0.31896	-26.649	296.38E-6	
31.00000	34.00000	-8.50000	-12.230	-8.9310	-0.31844	-26.377	293.25E-6	
32.00000	34.00000	-8.50000	-11.992	-8.9310	-0.31731	-26.095	289.43E-6	
33.00000	34.00000	-8.50000	-11.482	-8.9310	-0.31514	-25.344	281.46E-6	
34.00000	34.00000	-8.50000	-10.992	-8.9310	-0.31097	-24.467	271.49E-6	
35.00000	34.00000	-8.50000	-10.413	-8.9310	-0.30214	-23.192	257.07E-6	
36.00000	34.00000	-8.50000	-9.7359	-8.9310	-0.28310	-21.295	235.86E-6	
37.00000	34.00000	-8.50000	-8.9599	-8.9310	-0.23943	-18.488	204.99E-6	
38.00000	34.00000	-8.50000	-8.1107	-8.9310	-0.16078	-14.776	164.88E-6	
39.00000	34.00000	-8.50000	-7.2553	-8.9310	-0.082131	-11.059	124.73E-6	
40.00000	34.00000	-8.50000	-6.4603	-8.9310	-0.038452	-8.2362	93.680E-6	
41.00000	34.00000	-8.50000	-5.7512	-8.9310	-0.019177	-6.3139	72.172E-6	
42.00000	34.00000	-8.50000	-5.1263	-8.9310	-0.010511	-5.0002	57.317E-6	
43.00000	34.00000	-8.50000	-4.5754	-8.9310	-0.0062631	-4.0700	46.734E-6	
44.00000	34.00000	-8.50000	-4.0878	-8.9310	-0.0039912	-3.3862	38.925E-6	
45.00000	34.00000	-8.50000	-3.6341	-8.9310	-0.0026920	-2.8668	32.978E-6	
46.00000	34.00000	-8.50000	-3.2666	-8.9310	-0.0018802	-2.4615	28.330E-6	
47.00000	34.00000	-8.50000	-2.9189	-8.9310	-0.0013640	-2.1378	24.614E-6	
48.00000	34.00000	-8.50000	-2.6057	-8.9310	-0.0010178	-1.8746	21.590E-6	
49.00000	34.00000	-8.500						

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Stresses			
	X [m]	Y [m]			Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
57.00000	36.00000	-8.50000	-0.68777	-8.9310	-131.78E-6	-0.68861	7.9390E-6	
58.00000	36.00000	-8.50000	-0.57830	-8.9310	-113.06E-6	-0.63625	7.3357E-6	
59.00000	36.00000	-8.50000	-0.47773	-8.9310	-97.544E-6	-0.58920	6.7935E-6	
60.00000	36.00000	-8.50000	-0.38538	-8.9310	-84.592E-6	-0.54677	6.3045E-6	
-20.00000	37.00000	-8.50000	-0.33343	-8.9310	-80.879E-6	-0.52636	6.0692E-6	
-19.00000	37.00000	-8.50000	-0.41849	-8.9310	-92.804E-6	-0.56557	6.5211E-6	
-18.00000	37.00000	-8.50000	-0.51066	-8.9310	-106.93E-6	-0.60873	7.0185E-6	
-17.00000	37.00000	-8.50000	-0.61043	-8.9310	-123.76E-6	-0.65634	7.5672E-6	
-16.00000	37.00000	-8.50000	-0.71835	-8.9310	-143.91E-6	-0.70898	8.1775E-6	
-15.00000	37.00000	-8.50000	-0.83499	-8.9310	-168.17E-6	-0.76730	8.8456E-6	
-14.00000	37.00000	-8.50000	-0.96094	-8.9310	-197.53E-6	-0.83206	9.5916E-6	
-13.00000	37.00000	-8.50000	-1.0968	-8.9310	-233.27E-6	-0.90411	10.422E-6	
-12.00000	37.00000	-8.50000	-1.2432	-8.9310	-277.00E-6	-0.98444	11.347E-6	
-11.00000	37.00000	-8.50000	-1.4007	-8.9310	-330.80E-6	-1.0741	12.380E-6	
-10.00000	37.00000	-8.50000	-1.5698	-8.9310	-397.28E-6	-1.1745	13.534E-6	
-9.00000	37.00000	-8.50000	-1.7532	-8.9310	-479.72E-6	-1.2867	14.826E-6	
-8.00000	37.00000	-8.50000	-1.9453	-8.9310	-582.16E-6	-1.4123	16.272E-6	
-7.00000	37.00000	-8.50000	-2.1521	-8.9310	-709.42E-6	-1.5526	17.886E-6	
-6.00000	37.00000	-8.50000	-2.3719	-8.9310	-866.91E-6	-1.7090	19.684E-6	
-5.00000	37.00000	-8.50000	-2.6042	-8.9310	-0.0010602	-1.8822	21.676E-6	
-4.00000	37.00000	-8.50000	-2.8483	-8.9310	-0.0012940	-2.0727	23.865E-6	
-3.00000	37.00000	-8.50000	-3.1029	-8.9310	-0.0015706	-2.2796	26.243E-6	
-2.00000	37.00000	-8.50000	-3.3661	-8.9310	-0.0018879	-2.5011	28.786E-6	
-1.00000	37.00000	-8.50000	-3.6356	-8.9310	-0.0022380	-2.7335	31.455E-6	
0.00000	37.00000	-8.50000	-3.9083	-8.9310	-0.0026068	-2.9719	34.193E-6	
1.00000	37.00000	-8.50000	-4.1810	-8.9310	-0.0029761	-3.2109	36.939E-6	
2.00000	37.00000	-8.50000	-4.4505	-8.9310	-0.0033280	-3.4446	39.620E-6	
3.00000	37.00000	-8.50000	-4.7140	-8.9310	-0.0036484	-3.6683	42.190E-6	
4.00000	37.00000	-8.50000	-4.9689	-8.9310	-0.0039295	-3.8785	44.606E-6	
5.00000	37.00000	-8.50000	-5.2134	-8.9310	-0.0041697	-4.0736	46.848E-6	
6.00000	37.00000	-8.50000	-5.4464	-8.9310	-0.0043717	-4.2530	48.910E-6	
7.00000	37.00000	-8.50000	-5.6672	-8.9310	-0.0045410	-4.4173	50.800E-6	
8.00000	37.00000	-8.50000	-5.8756	-8.9310	-0.0046843	-4.5681	52.589E-6	
9.00000	37.00000	-8.50000	-6.0719	-8.9310	-0.0048087	-4.7073	54.136E-6	
10.00000	37.00000	-8.50000	-6.2566	-8.9310	-0.0049215	-4.8373	55.632E-6	
11.00000	37.00000	-8.50000	-6.4305	-8.9310	-0.0050306	-4.9609	57.054E-6	
12.00000	37.00000	-8.50000	-6.5947	-8.9310	-0.0051449	-5.0812	58.438E-6	
13.00000	37.00000	-8.50000	-6.7503	-8.9310	-0.0052600	-5.2020	59.827E-6	
14.00000	37.00000	-8.50000	-6.8988	-8.9310	-0.0053440	-5.3278	61.722E-6	
15.00000	37.00000	-8.50000	-7.0415	-8.9310	-0.0054660	-5.4639	63.635E-6	
16.00000	37.00000	-8.50000	-7.1802	-8.9310	-0.0055976	-5.6172	64.592E-6	
17.00000	37.00000	-8.50000	-7.3163	-8.9310	-0.0064228	-5.7954	66.633E-6	
18.00000	37.00000	-8.50000	-7.4509	-8.9310	-0.0070879	-6.0075	69.055E-6	
19.00000	37.00000	-8.50000	-7.5844	-8.9310	-0.0080529	-6.2610	71.946E-6	
20.00000	37.00000	-8.50000	-7.7157	-8.9310	-0.0093946	-6.5593	75.342E-6	
21.00000	37.00000	-8.50000	-7.8416	-8.9310	-0.011119	-6.8962	79.168E-6	
22.00000	37.00000	-8.50000	-7.9565	-8.9310	-0.013094	-7.2517	83.201E-6	
23.00000	37.00000	-8.50000	-8.0531	-8.9310	-0.015060	-7.5952	87.096E-6	
24.00000	37.00000	-8.50000	-8.1241	-8.9310	-0.016758	-7.8959	90.505E-6	
25.00000	37.00000	-8.50000	-8.1634	-8.9310	-0.018083	-8.1329	93.195E-6	
26.00000	37.00000	-8.50000	-8.1674	-8.9310	-0.018944	-8.2984	95.073E-6	
27.00000	37.00000	-8.50000	-8.1341	-8.9310	-0.019513	-8.3935	96.150E-6	
28.00000	37.00000	-8.50000	-8.0628	-8.9310	-0.019829	-8.4229	96.478E-6	
29.00000	37.00000	-8.50000	-7.9535	-8.9310	-0.019952	-8.3911	95.070E-6	
30.00000	37.00000	-8.50000	-7.8062	-8.9310	-0.019916	-8.3010	95.069E-6	
31.00000	37.00000	-8.50000	-7.6212	-8.9310	-0.019727	-8.1526	93.364E-6	
32.00000	37.00000	-8.50000	-7.3985	-8.9310	-0.019369	-7.9435	90.964E-6	
33.00000	37.00000	-8.50000	-7.1385	-8.9310	-0.018799	-7.6689	87.116E-6	
34.00000	37.00000	-8.50000	-6.8420	-8.9310	-0.017951	-7.3230	83.855E-6	
35.00000	37.00000	-8.50000	-6.5109	-8.9310	-0.016742	-6.9008	79.027E-6	
36.00000	37.00000	-8.50000	-6.1489	-8.9310	-0.015102	-6.4026	73.366E-6	
37.00000	37.00000	-8.50000	-5.7623	-8.9310	-0.013033	-5.8391	66.907E-6	
38.00000	37.00000	-8.50000	-5.3597	-8.9310	-0.010684	-5.2355	60.025E-6	
39.00000	37.00000	-8.50000	-4.9520	-8.9310	-0.0083311	-4.6281	52.000E-6	
40.00000	37.00000	-8.50000	-4.5494	-8.9310	-0.0062521	-4.0530	46.538E-6	
41.00000	37.00000	-8.50000	-4.1607	-8.9310	-0.0045926	-3.5348	40.618E-6	
42.00000	37.00000	-8.50000	-3.7915	-8.9310	-0.0033546	-3.0835	35.455E-6	
43.00000	37.00000	-8.50000	-3.4451	-8.9310	-0.0024636	-2.6980	31.038E-6	
44.00000	37.00000	-8.50000	-3.1224	-8.9310	-0.0018307	-2.3713	27.292E-6	
45.00000	37.00000	-8.50000	-2.8234	-8.9310	-0.0013805	-2.0949	24.119E-6	
46.00000	37.00000	-8.50000	-2.5471	-8.9310	-0.0010572	-1.8606	21.426E-6	
47.00000	37.00000	-8.50000	-2.2923	-8.9310	-821.97E-6	-1.6608	19.131E-6	
48.00000	37.00000	-8.50000	-2.0575	-8.9310	-648.21E-6	-1.4897	17.162E-6	
49.00000	37.00000	-8.50000	-1.8412	-8.9310	-517.93E-6	-1.3422	15.465E-6	
50.00000	37.00000	-8.50000	-1.6420	-8.9310	-418.81E-6	-1.2142	13.993E-6	
51.00000	37.00000	-8.50000	-1.4586	-8.9310	-342.36E-6	-1.1027	12.708E-6	
52.00000	37.00000	-8.50000	-1.2897	-8.9310	-282.63E-6	-1.0049	11.582E-6	
53.00000	37.00000	-8.50000	-1.1341	-8.9310	-235.41E-6	-0.9186	10.589E-6	
54.00000	37.00000	-8.50000	-0.9908	-8.9310	-197.67E-6	-0.84235	9.7103E-6	
55.00000	37.00000	-8.50000	-0.85896	-8.9310	-167.21E-6	-0.77449	8.9286E-6	
56.00000	37.00000	-8.50000	-0.73748	-8.9310	-142.40E-6	-0.71391	8.2306E-6	
57.00000	37.00000	-8.50000	-0.62863	-8.9310	-122.01E-6	-0.65963	7.6051E-6	
58.00000	37.00000	-8.50000	-0.52266	-8.9310	-105.14E-6	-0.61082	7.0426E-6	
59.00000	37.00000	-8.50000	-0.42790	-8.9310	-91.065E-6	-0.56679	6.5325E-6	
60.00000	37.00000	-8.50000	-0.34072	-8.9310	-79.256E-6	-0.52695	6.0640E-6	
-20.00000	38.00000	-8.50000	-0.28607	-8.9310	-74.814E-6	-0.50501	5.8231E-6	
-19.00000	38.00000	-8.50000	-0.36571	-8.9310	-85.438E-6	-0.54143	6.2429E-6	
-18.00000	38.00000	-8.50000	-0.45182	-8.9310	-97.932E-6	-0.58136	6.7030E-6	
-17.00000	38.00000	-8.50000	-0.54482	-8.9310	-112.69E-6	-0.62519	7.2082E-6	
-16.00000	38.00000	-8.50000	-0.64518	-8.9310	-130.19E-6	-0.67341	7.7638E-6	
-15.00000	38.00000	-8.50000	-0.75334	-8.9310	-151.05E-6	-0.72652	8.3758E-6	
-14.00000	38.00000	-8.50000	-0.86978	-8.9310	-176.00E-6	-0.78513	9.0510E-6	
-13.00000	38.00000	-8.50000	-0.99496	-8.9310	-205.97E-6	-0.84988	9.7969E-6	
-12.00000	38.00000	-8.50000	-1.1294	-8.9310	-242.12E-6	-0.92151	10.622E-6	
-11.00000	38.00000	-8.50000	-1.2734	-8.9310	-285.85E-6	-1.0008	11.535E-6	
-10.00000	38.00000	-8.50000	-1.4274	-8.9310	-338.89E-6	-1.0876	12.547E-6	
-9.00000	38.00000	-8.50000	-1.5918	-8.9310	-403.30E-6	-1.1859	13.666E-6	
-8.00000	38.00000	-8.50000	-1.7668	-8.9310	-481.49E-6	-1.2934	14.904E-6	
-7.00000	38.00000	-8.50000	-1.9523	-8.9310	-576.13E-63			

Oasys

73-75 Avenue Road, NW8

Short-term Heave

		Job No.		Sheet No.		Rev.	
		J14383					
		Drg. Ref.					
		Made by MP		Date 06-Feb-2015		Checked	
Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²] Sum Princ [kN/m²]	Vert Strain [-]
15.00000	40.00000	-8.50000	-4.9864	-8.9310	-0.0021318	-3.3690	38.791E-6
16.00000	40.00000	-8.50000	-5.0905	-8.9310	-0.0022356	-3.4497	39.717E-6
17.00000	40.00000	-8.50000	-5.1684	-8.9310	-0.0023629	-3.5340	40.685E-6
18.00000	40.00000	-8.50000	-5.2499	-8.9310	-0.0025184	-3.6226	41.702E-6
19.00000	40.00000	-8.50000	-5.3243	-8.9310	-0.0027049	-3.7153	42.765E-6
20.00000	40.00000	-8.50000	-5.3906	-8.9310	-0.0029211	-3.8108	43.859E-6
21.00000	40.00000	-8.50000	-5.4473	-8.9310	-0.0031607	-3.9066	44.956E-6
22.00000	40.00000	-8.50000	-5.4926	-8.9310	-0.0034113	-3.9989	46.012E-6
23.00000	40.00000	-8.50000	-5.5243	-8.9310	-0.0036569	-4.0830	47.140E-6
24.00000	40.00000	-8.50000	-5.5404	-8.9310	-0.0038813	-4.1544	47.790E-6
25.00000	40.00000	-8.50000	-5.5388	-8.9310	-0.0040714	-4.2089	48.412E-6
26.00000	40.00000	-8.50000	-5.5180	-8.9310	-0.0042396	-4.2433	48.800E-6
27.00000	40.00000	-8.50000	-5.4768	-8.9310	-0.0043228	-4.2557	48.943E-6
28.00000	40.00000	-8.50000	-5.4145	-8.9310	-0.0043813	-4.2447	48.815E-6
29.00000	40.00000	-8.50000	-5.3305	-8.9310	-0.0043965	-4.2100	48.413E-6
30.00000	40.00000	-8.50000	-5.2248	-8.9310	-0.0043694	-4.1511	47.735E-6
31.00000	40.00000	-8.50000	-5.0978	-8.9310	-0.0042999	-4.0679	46.778E-6
32.00000	40.00000	-8.50000	-4.9499	-8.9310	-0.0041868	-3.9606	45.544E-6
33.00000	40.00000	-8.50000	-4.7820	-8.9310	-0.0040277	-3.8293	44.034E-6
34.00000	40.00000	-8.50000	-4.5957	-8.9310	-0.0038205	-3.6748	42.260E-6
35.00000	40.00000	-8.50000	-4.3926	-8.9310	-0.0035647	-3.4989	40.239E-6
36.00000	40.00000	-8.50000	-4.1753	-8.9310	-0.0032639	-3.3043	38.005E-6
37.00000	40.00000	-8.50000	-3.9468	-8.9310	-0.0029273	-3.0953	35.605E-6
38.00000	40.00000	-8.50000	-3.7104	-8.9310	-0.0025699	-2.8773	33.102E-6
39.00000	40.00000	-8.50000	-3.4698	-8.9310	-0.0022104	-2.6565	30.568E-6
40.00000	40.00000	-8.50000	-3.2287	-8.9310	-0.0018676	-2.4391	28.073E-6
41.00000	40.00000	-8.50000	-2.9903	-8.9310	-0.0015559	-2.2304	25.676E-6
42.00000	40.00000	-8.50000	-2.7575	-8.9310	-0.0012837	-2.0342	23.422E-6
43.00000	40.00000	-8.50000	-2.5325	-8.9310	-0.0010534	-1.8528	21.337E-6
44.00000	40.00000	-8.50000	-2.3168	-8.9310	-0.0008648	-1.6871	19.432E-6
45.00000	40.00000	-8.50000	-2.1114	-8.9310	-0.000724E-6	-1.5371	17.708E-6
46.00000	40.00000	-8.50000	-1.9168	-8.9310	-0.000615E-6	-1.4021	16.154E-6
47.00000	40.00000	-8.50000	-1.7334	-8.9310	-0.0005219E-6	-1.2809	14.761E-6
48.00000	40.00000	-8.50000	-1.5610	-8.9310	-0.000458E-6	-1.1723	13.509E-6
49.00000	40.00000	-8.50000	-1.3994	-8.9310	-0.000416E-6	-1.0749	12.389E-6
50.00000	40.00000	-8.50000	-1.2482	-8.9310	-0.000388E-6	-0.98765	11.384E-6
51.00000	40.00000	-8.50000	-1.1071	-8.9310	-0.000365E-6	-0.91026	10.491E-6
52.00000	40.00000	-8.50000	-0.97555	-8.9310	-0.000348E-6	-0.83875	9.6887E-6
53.00000	40.00000	-8.50000	-0.85306	-8.9310	-0.000331E-6	-0.77520	8.9366E-6
54.00000	40.00000	-8.50000	-0.73913	-8.9310	-0.000314E-6	-0.71780	8.2535E-6
55.00000	40.00000	-8.50000	-0.63329	-8.9310	-0.000298E-6	-0.66586	7.6768E-6
56.00000	40.00000	-8.50000	-0.53504	-8.9310	-0.000283E-6	-0.61874	7.1339E-6
57.00000	40.00000	-8.50000	-0.44392	-8.9310	-0.000269E-6	-0.57591	6.6403E-6
58.00000	40.00000	-8.50000	-0.35950	-8.9310	-0.000256E-6	-0.53691	6.1907E-6
59.00000	40.00000	-8.50000	-0.28135	-8.9310	-0.000243E-6	-0.50130	5.7804E-6
60.00000	40.00000	-8.50000	-0.20907	-8.9310	-0.000231E-6	-0.46875	5.4051E-6
61.00000	40.00000	-8.50000	-0.14976	-8.9310	-0.000219E-6	-0.44415	5.1216E-6
62.00000	40.00000	-8.50000	-0.09716	-8.9310	-0.000208E-6	-0.42415	4.9358E-6
63.00000	40.00000	-8.50000	-0.05045	-8.9310	-0.000197E-6	-0.40875	4.8058E-6
64.00000	40.00000	-8.50000	-0.00956	-8.9310	-0.000186E-6	-0.39738	4.7178E-6
65.00000	40.00000	-8.50000	-0.02347	-8.9310	-0.000175E-6	-0.38956	4.6646E-6
66.00000	40.00000	-8.50000	-0.01464	-8.9310	-0.000164E-6	-0.38466	4.6341E-6
67.00000	40.00000	-8.50000	-0.00717	-8.9310	-0.000153E-6	-0.38155	4.6155E-6
68.00000	40.00000	-8.50000	-0.00110	-8.9310	-0.000142E-6	-0.37987	4.6071E-6
69.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000131E-6	-0.37928	4.6071E-6
70.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000120E-6	-0.37928	4.6071E-6
71.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000110E-6	-0.37928	4.6071E-6
72.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000100E-6	-0.37928	4.6071E-6
73.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000090E-6	-0.37928	4.6071E-6
74.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000080E-6	-0.37928	4.6071E-6
75.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000070E-6	-0.37928	4.6071E-6
76.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000060E-6	-0.37928	4.6071E-6
77.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000050E-6	-0.37928	4.6071E-6
78.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000040E-6	-0.37928	4.6071E-6
79.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000030E-6	-0.37928	4.6071E-6
80.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000020E-6	-0.37928	4.6071E-6
81.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000010E-6	-0.37928	4.6071E-6
82.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
83.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
84.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
85.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
86.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
87.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
88.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
89.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
90.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
91.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
92.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
93.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
94.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
95.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
96.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
97.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
98.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
99.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6
100.00000	40.00000	-8.50000	-0.00010	-8.9310	-0.000000E-6	-0.37928	4.6071E-6

Oasys

73-75 Avenue Road, NW8

Short-term Heave

		Job No.		Sheet No.		Rev.	
		J14383					
		Drg. Ref.					
		Made by MP		Date 06-Feb-2015		Checked	
Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²] Sum Princ [kN/m²]	Vert Strain [-]
6.00000	42.00000	-8.50000	-1.3997	-8.9310	-307.06E-6	-1.0600	12.218E-6
7.00000	42.00000	-8.50000	-1.5303	-8.9310	-347.16E-6	-1.1318	13.044E-6
8.00000	42.00000	-8.50000	-1.6647	-8.9310	-390.99E-6	-1.2069	13.909E-6
9.00000	42.00000	-8.50000	-1.8024	-8.9310	-438.24E-6	-1.2849	14.808E-6
10.00000	42.00000	-8.50000	-1.9426	-8.9310	-488.37E-6	-1.3654	15.734E-6
11.00000	42.00000	-8.50000	-2.0845	-8.9310	-540.64E-6	-1.4475	16.679E-6
12.00000	42.00000	-8.50000	-2.2272	-8.9310	-594.17E-6	-1.5305	17.635E-6
13.00000	42.00000	-8.50000	-2.3698	-8.9310	-647.97E-6	-1.6137	18.593E-6
14.00000	42.00000	-8.50000	-2.5113	-8.9310	-701.08E-6	-1.6983	19.544E-6
15.00000	42.00000	-8.50000	-2.6508	-8.9310	-752.66E-6	-1.7775	20.478E-6
16.00000	42.00000	-8.50000	-2.7875	-8.9310	-802.05E-6	-1.8566	21.390E-6
17.00000	42.00000	-8.50000	-2.9206	-8.9310	-848.51E-6	-1.9321	22.272E-6
18.00000	42.00000	-8.50000	-3.0496	-8.9310	-892.78E-6	-2.0071	23.128E-6
19.00000	42.00000	-8.50000	-3.1739	-8.9310	-934.09E-6	-2.0779	23.937E-6
20.00000	42.00000	-8.50000	-3.2930	-8.9310	-973.03E-6	-2.1456	24.717E-6
21.00000	42.00000	-8.50000	-3.4068	-8.9310	-1010.01E-6	-2.2103	25.463E-6
22.00000	42.00000	-8.50000	-3.5149	-8.9310	-1040.04E-6	-2.2724	26.177E-6
23.00000	42.00000	-8.50000	-3.6173	-8.9310	-1070.08E-6	-2.3320	

Oasys

73-75 Avenue Road, NW8

Short-term Heave

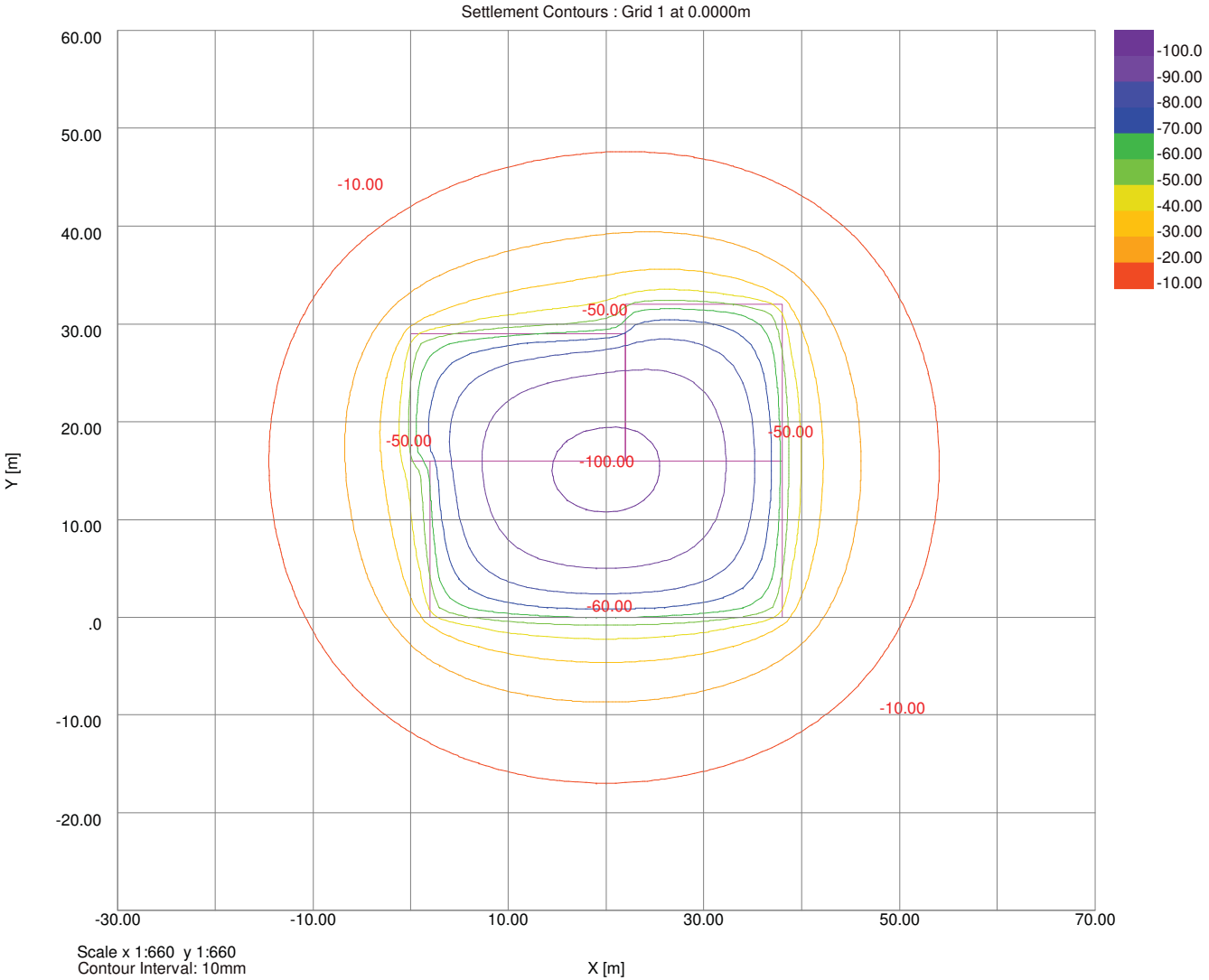
Name	Location		Stresses				
X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
54.00000	43.00000	-8.50000	-0.50863	-8.9310	-107.06E-6	-0.60790	7.0089E-6
55.00000	43.00000	-8.50000	-0.42527	-8.9310	-94.057E-6	-0.56869	6.5570E-6
56.00000	43.00000	-8.50000	-0.34731	-8.9310	-82.869E-6	-0.53257	6.1407E-6
57.00000	43.00000	-8.50000	-0.27451	-8.9310	-73.218E-6	-0.49928	5.7570E-6
58.00000	43.00000	-8.50000	-0.20663	-8.9310	-64.870E-6	-0.46856	5.4030E-6
59.00000	43.00000	-8.50000	-0.14343	-8.9310	-57.628E-6	-0.44020	5.0760E-6
60.00000	43.00000	-8.50000	-0.084675	-8.9310	-51.328E-6	-0.41397	4.7737E-6
-20.00000	44.00000	-8.50000	-0.025176	-8.9310	-45.717E-6	-0.38909	4.4869E-6
-19.00000	44.00000	-8.50000	-0.16705	-8.9310	-50.829E-6	-0.41202	4.7513E-6
-18.00000	44.00000	-8.50000	-0.13182	-8.9310	-56.594E-6	-0.43657	5.0343E-6
-17.00000	44.00000	-8.50000	-0.19064	-8.9310	-63.099E-6	-0.46286	5.3372E-6
-16.00000	44.00000	-8.50000	-0.25329	-8.9310	-70.441E-6	-0.49099	5.6615E-6
-15.00000	44.00000	-8.50000	-0.31989	-8.9310	-78.728E-6	-0.52108	6.0083E-6
-14.00000	44.00000	-8.50000	-0.39052	-8.9310	-88.076E-6	-0.55324	6.3791E-6
-13.00000	44.00000	-8.50000	-0.46525	-8.9310	-98.612E-6	-0.58760	6.7750E-6
-12.00000	44.00000	-8.50000	-0.54411	-8.9310	-110.47E-6	-0.62424	7.1973E-6
-11.00000	44.00000	-8.50000	-0.62711	-8.9310	-123.78E-6	-0.66326	7.6469E-6
-10.00000	44.00000	-8.50000	-0.71422	-8.9310	-138.67E-6	-0.70472	8.1247E-6
-9.00000	44.00000	-8.50000	-0.80534	-8.9310	-155.27E-6	-0.74865	8.6309E-6
-8.00000	44.00000	-8.50000	-0.90033	-8.9310	-173.68E-6	-0.79507	9.1657E-6
-7.00000	44.00000	-8.50000	-0.99900	-8.9310	-193.96E-6	-0.84392	9.7285E-6
-6.00000	44.00000	-8.50000	-1.1011	-8.9310	-216.14E-6	-0.89511	10.318E-6
-5.00000	44.00000	-8.50000	-1.2052	-8.9310	-240.18E-6	-0.94848	10.933E-6
-4.00000	44.00000	-8.50000	-1.3140	-8.9310	-265.97E-6	-1.0038	11.571E-6
-3.00000	44.00000	-8.50000	-1.4240	-8.9310	-293.33E-6	-1.0608	12.228E-6
-2.00000	44.00000	-8.50000	-1.5357	-8.9310	-321.99E-6	-1.1192	12.900E-6
-1.00000	44.00000	-8.50000	-1.6484	-8.9310	-351.63E-6	-1.1785	13.583E-6
0.00000	44.00000	-8.50000	-1.7616	-8.9310	-381.87E-6	-1.2383	14.272E-6
1.00000	44.00000	-8.50000	-1.8746	-8.9310	-412.30E-6	-1.2982	14.961E-6
2.00000	44.00000	-8.50000	-1.9868	-8.9310	-442.54E-6	-1.3577	15.646E-6
3.00000	44.00000	-8.50000	-2.0975	-8.9310	-472.23E-6	-1.4163	16.322E-6
4.00000	44.00000	-8.50000	-2.2061	-8.9310	-501.07E-6	-1.4739	16.985E-6
5.00000	44.00000	-8.50000	-2.3122	-8.9310	-529.88E-6	-1.5299	17.630E-6
6.00000	44.00000	-8.50000	-2.4152	-8.9310	-555.57E-6	-1.5842	18.256E-6
7.00000	44.00000	-8.50000	-2.5147	-8.9310	-581.12E-6	-1.6366	18.860E-6
8.00000	44.00000	-8.50000	-2.6103	-8.9310	-605.66E-6	-1.6871	19.441E-6
9.00000	44.00000	-8.50000	-2.7017	-8.9310	-629.38E-6	-1.7355	19.999E-6
10.00000	44.00000	-8.50000	-2.7886	-8.9310	-652.57E-6	-1.7821	20.535E-6
11.00000	44.00000	-8.50000	-2.8709	-8.9310	-675.59E-6	-1.8267	21.049E-6
12.00000	44.00000	-8.50000	-2.9484	-8.9310	-698.84E-6	-1.8696	21.543E-6
13.00000	44.00000	-8.50000	-3.0209	-8.9310	-722.78E-6	-1.9109	22.019E-6
14.00000	44.00000	-8.50000	-3.0882	-8.9310	-747.88E-6	-1.9507	22.477E-6
15.00000	44.00000	-8.50000	-3.1501	-8.9310	-774.56E-6	-1.9891	22.919E-6
16.00000	44.00000	-8.50000	-3.2065	-8.9310	-803.19E-6	-2.0262	23.346E-6
17.00000	44.00000	-8.50000	-3.2571	-8.9310	-834.01E-6	-2.0618	23.755E-6
18.00000	44.00000	-8.50000	-3.3014	-8.9310	-867.01E-6	-2.0958	24.147E-6
19.00000	44.00000	-8.50000	-3.3392	-8.9310	-901.94E-6	-2.1279	24.515E-6
20.00000	44.00000	-8.50000	-3.3700	-8.9310	-938.19E-6	-2.1575	24.856E-6
21.00000	44.00000	-8.50000	-3.3931	-8.9310	-974.83E-6	-2.1841	25.161E-6
22.00000	44.00000	-8.50000	-3.4079	-8.9310	-1011.01E-6	-2.2068	25.422E-6
23.00000	44.00000	-8.50000	-3.4140	-8.9310	-1046.04E-6	-2.2248	25.629E-6
24.00000	44.00000	-8.50000	-3.4105	-8.9310	-1080.07E-6	-2.2373	25.772E-6
25.00000	44.00000	-8.50000	-3.3971	-8.9310	-1001.09E-6	-2.2435	25.842E-6
26.00000	44.00000	-8.50000	-3.3732	-8.9310	-940.11E-6	-2.2425	25.831E-6
27.00000	44.00000	-8.50000	-3.3385	-8.9310	-879.12E-6	-2.2339	25.731E-6
28.00000	44.00000	-8.50000	-3.2928	-8.9310	-818.13E-6	-2.2172	25.538E-6
29.00000	44.00000	-8.50000	-3.2359	-8.9310	-757.14E-6	-2.1921	25.249E-6
30.00000	44.00000	-8.50000	-3.1681	-8.9310	-696.15E-6	-2.1585	24.861E-6
31.00000	44.00000	-8.50000	-3.0895	-8.9310	-635.16E-6	-2.1164	24.377E-6
32.00000	44.00000	-8.50000	-3.0006	-8.9310	-574.17E-6	-2.0661	23.798E-6
33.00000	44.00000	-8.50000	-2.9020	-8.9310	-513.18E-6	-2.0080	23.128E-6
34.00000	44.00000	-8.50000	-2.7946	-8.9310	-452.19E-6	-1.9426	22.375E-6
35.00000	44.00000	-8.50000	-2.6791	-8.9310	-391.52E-6	-1.8707	21.548E-6
36.00000	44.00000	-8.50000	-2.5569	-8.9310	-330.76E-6	-1.7934	20.658E-6
37.00000	44.00000	-8.50000	-2.4291	-8.9310	-269.52E-6	-1.7118	19.719E-6
38.00000	44.00000	-8.50000	-2.2970	-8.9310	-208.51E-6	-1.6271	18.745E-6
39.00000	44.00000	-8.50000	-2.1619	-8.9310	-147.58E-6	-1.5408	17.752E-6
40.00000	44.00000	-8.50000	-2.0254	-8.9310	-86.54E-6	-1.4541	16.754E-6
41.00000	44.00000	-8.50000	-1.8886	-8.9310	-25.01E-6	-1.3684	15.767E-6
42.00000	44.00000	-8.50000	-1.7527	-8.9310	40.28E-6	-1.2845	14.802E-6
43.00000	44.00000	-8.50000	-1.6189	-8.9310	114.23E-6	-1.2036	13.850E-6
44.00000	44.00000	-8.50000	-1.4879	-8.9310	163.37E-6	-1.1261	12.978E-6
45.00000	44.00000	-8.50000	-1.3607	-8.9310	217.85E-6	-1.0526	12.131E-6
46.00000	44.00000	-8.50000	-1.2377	-8.9310	277.57E-6	-0.98324	11.333E-6
47.00000	44.00000	-8.50000	-1.1194	-8.9310	342.22E-6	-0.91825	10.584E-6
48.00000	44.00000	-8.50000	-1.0062	-8.9310	411.40E-6	-0.85757	9.8854E-6
49.00000	44.00000	-8.50000	-0.89815	-8.9310	484.64E-6	-0.80109	9.2348E-6
50.00000	44.00000	-8.50000	-0.79545	-8.9310	561.47E-6	-0.74865	8.6309E-6
51.00000	44.00000	-8.50000	-0.69809	-8.9310	641.45E-6	-0.70004	8.0706E-6
52.00000	44.00000	-8.50000	-0.60605	-8.9310	724.15E-6	-0.65503	7.5519E-6
53.00000	44.00000	-8.50000	-0.51925	-8.9310	809.20E-6	-0.61337	7.0719E-6
54.00000	44.00000	-8.50000	-0.43757	-8.9310	896.27E-6	-0.57483	6.6278E-6
55.00000	44.00000	-8.50000	-0.36085	-8.9310	985.07E-6	-0.53917	6.2168E-6
56.00000	44.00000	-8.50000	-0.28893	-8.9310	1075.56E-6	-0.50617	5.8364E-6
57.00000	44.00000	-8.50000	-0.22162	-8.9310	1168.90E-6	-0.47561	5.4908E-6
58.00000	44.00000	-8.50000	-0.15875	-8.9310	1265.59E-6	-0.44731	5.1580E-6
59.00000	44.00000	-8.50000	-0.10010	-8.9310	1365.13E-6	-0.42107	4.8555E-6
60.00000	44.00000	-8.50000	-0.045483	-8.9310	1468.08E-6	-0.39672	4.5749E-6
-20.00000	45.00000	-8.50000	0.013290	-8.9310	1574.06E-6	-0.37313	4.2914E-6
-19.00000	45.00000	-8.50000	-0.034351	-8.9310	1685.51E-6	-0.39333	4.5358E-6
-18.00000	45.00000	-8.50000	-0.085226	-8.9310	1799.02E-6	-0.41955	4.7965E-6
-17.00000	45.00000	-8.50000	-0.13944	-8.9310	1914.22E-6	-0.44808	5.0747E-6
-16.00000	45.00000	-8.50000	-0.19709	-8.9310	2031.65E-6	-0.46580	5.3712E-6
-15.00000	45.00000	-8.50000	-0.25825	-8.9310	2150.81E-6	-0.49321	5.6871E-6
-14.00000	45.00000	-8.50000	-0.32300	-8.9310	2272.18E-6	-0.52239	6.0235E-6
-13.00000	45.00000	-8.50000	-0.39136	-8.9310	2395.26E-6	-0.55342	6.3811E-6
-12.00000	45.00000	-8.50000	-0.46335	-8.9310	2520.57E-6	-0.58637	6.7608E-6
-11.00000	45.00000	-8.50000	-0.53896	-8.9310	2648.69E-6	-0.62129	7.1633

Name	Location	Stresses					
X	Y	Z[Level]	Z	Calc Level	Vert Stress		
[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]		
					[kN/m²]		
					Vert Strain		
					[-]		
12.00000	47.00000	-8.50000	-2.0594	-8.9310	-376.80E-6	-1.3446	15.498E-6
13.00000	47.00000	-8.50000	-2.1111	-8.9310	-388.88E-6	-1.3712	15.804E-6
14.00000	47.00000	-8.50000	-2.1588	-8.9310	-401.04E-6	-1.3963	16.093E-6
15.00000	47.00000	-8.50000	-2.2022	-8.9310	-413.36E-6	-1.4199	16.365E-6
16.00000	47.00000	-8.50000	-2.2411	-8.9310	-425.85E-6	-1.4419	16.619E-6
17.00000	47.00000	-8.50000	-2.2753	-8.9310	-438.52E-6	-1.4623	16.853E-6
18.00000	47.00000	-8.50000	-2.3045	-8.9310	-451.27E-6	-1.4809	17.067E-6
19.00000	47.00000	-8.50000	-2.3285	-8.9310	-463.97E-6	-1.4974	17.258E-6
20.00000	47.00000	-8.50000	-2.3470	-8.9310	-476.40E-6	-1.5117	17.423E-6
21.00000	47.00000	-8.50000	-2.3597	-8.9310	-488.30E-6	-1.5236	17.559E-6
22.00000	47.00000	-8.50000	-2.3663	-8.9310	-499.33E-6	-1.5326	17.662E-6
23.00000	47.00000	-8.50000	-2.3665	-8.9310	-509.12E-6	-1.5385	17.730E-6
24.00000	47.00000	-8.50000	-2.3601	-8.9310	-517.29E-6	-1.5410	17.759E-6
25.00000	47.00000	-8.50000	-2.3468	-8.9310	-523.48E-6	-1.5398	17.745E-6
26.00000	47.00000	-8.50000	-2.3265	-8.9310	-527.36E-6	-1.5347	17.685E-6
27.00000	47.00000	-8.50000	-2.2991	-8.9310	-528.65E-6	-1.5253	17.577E-6
28.00000	47.00000	-8.50000	-2.2645	-8.9310	-527.11E-6	-1.5117	17.420E-6
29.00000	47.00000	-8.50000	-2.2227	-8.9310	-522.61E-6	-1.4936	17.212E-6
30.00000	47.00000	-8.50000	-2.1739	-8.9310	-515.05E-6	-1.4711	16.945E-6
31.00000	47.00000	-8.50000	-2.1183	-8.9310	-504.41E-6	-1.4443	16.644E-6
32.00000	47.00000	-8.50000	-2.0563	-8.9310	-490.78E-6	-1.4133	16.287E-6
33.00000	47.00000	-8.50000	-1.9881	-8.9310	-474.27E-6	-1.3784	15.885E-6
34.00000	47.00000	-8.50000	-1.9144	-8.9310	-455.13E-6	-1.3398	15.440E-6
35.00000	47.00000	-8.50000	-1.8356	-8.9310	-433.65E-6	-1.2980	14.959E-6
36.00000	47.00000	-8.50000	-1.7525	-8.9310	-410.21E-6	-1.2534	14.445E-6
37.00000	47.00000	-8.50000	-1.6657	-8.9310	-385.27E-6	-1.2065	13.905E-6
38.00000	47.00000	-8.50000	-1.5760	-8.9310	-359.31E-6	-1.1579	13.345E-6
39.00000	47.00000	-8.50000	-1.4841	-8.9310	-332.85E-6	-1.1082	12.772E-6
40.00000	47.00000	-8.50000	-1.3908	-8.9310	-306.40E-6	-1.0578	12.192E-6
41.00000	47.00000	-8.50000	-1.2968	-8.9310	-280.42E-6	-1.0074	11.612E-6
42.00000	47.00000	-8.50000	-1.2028	-8.9310	-255.33E-6	-0.95751	11.037E-6
43.00000	47.00000	-8.50000	-1.1095	-8.9310	-231.45E-6	-0.90845	10.472E-6
44.00000	47.00000	-8.50000	-1.0174	-8.9310	-209.01E-6	-0.8605	9.9107E-6
45.00000	47.00000	-8.50000	-0.92709	-8.9310	-188.18E-6	-0.81438	9.3880E-6
46.00000	47.00000	-8.50000	-0.83898	-8.9310	-169.02E-6	-0.76989	8.8754E-6
47.00000	47.00000	-8.50000	-0.75242	-8.9310	-151.55E-6	-0.72731	8.3848E-6
48.00000	47.00000	-8.50000	-0.67072	-8.9310	-135.73E-6	-0.68676	7.9176E-6
49.00000	47.00000	-8.50000	-0.59109	-8.9310	-121.49E-6	-0.64827	7.4741E-6
50.00000	47.00000	-8.50000	-0.51470	-8.9310	-108.72E-6	-0.61186	7.0545E-6
51.00000	47.00000	-8.50000	-0.44166	-8.9310	-97.308E-6	-0.57750	6.6585E-6
52.00000	47.00000	-8.50000	-0.37205	-8.9310	-87.137E-6	-0.54514	6.2856E-6
53.00000	47.00000	-8.50000	-0.30589	-8.9310	-78.088E-6	-0.51471	5.9349E-6
54.00000	47.00000	-8.50000	-0.24318	-8.9310	-70.044E-6	-0.48613	5.6055E-6
55.00000	47.00000	-8.50000	-0.18388	-8.9310	-62.899E-6	-0.45932	5.2964E-6
56.00000	47.00000	-8.50000	-0.12793	-8.9310	-56.552E-6	-0.43417	5.0065E-6
57.00000	47.00000	-8.50000	-0.075271	-8.9310	-50.912E-6	-0.41060	4.7348E-6
58.00000	47.00000	-8.50000	-0.025806	-8.9310	-45.896E-6	-0.38851	4.4802E-6
59.00000	47.00000	-8.50000	0.020560	-8.9310	-41.438E-6	-0.36781	4.2415E-6
60.00000	47.00000	-8.50000	0.063933	-8.9310	-37.465E-6	-0.34841	4.0179E-6
-20.00000	48.00000	-8.50000	0.11880	-8.9310	-32.694E-6	-0.32544	3.7531E-6
-19.00000	48.00000	-8.50000	0.081498	-8.9310	-28.812E-6	-0.30464	3.5129E-6
-18.00000	48.00000	-8.50000	0.041817	-8.9310	-25.205E-6	-0.28592	3.2948E-6
-17.00000	48.00000	-8.50000	-296.37E-6	-8.9310	-43.038E-6	-0.37864	4.3664E-6
-16.00000	48.00000	-8.50000	-0.044882	-8.9310	-47.207E-6	-0.39840	4.5942E-6
-15.00000	48.00000	-8.50000	-0.091968	-8.9310	-51.791E-6	-0.41923	4.8343E-6
-14.00000	48.00000	-8.50000	-0.14157	-8.9310	-56.823E-6	-0.44117	5.0872E-6
-13.00000	48.00000	-8.50000	-0.19367	-8.9310	-62.334E-6	-0.46423	5.3531E-6
-12.00000	48.00000	-8.50000	-0.24826	-8.9310	-68.356E-6	-0.48844	5.6322E-6
-11.00000	48.00000	-8.50000	-0.30529	-8.9310	-74.915E-6	-0.51380	5.9245E-6
-10.00000	48.00000	-8.50000	-0.36468	-8.9310	-82.034E-6	-0.54031	6.2301E-6
-9.00000	48.00000	-8.50000	-0.42634	-8.9310	-89.729E-6	-0.56795	6.5461E-6
-8.00000	48.00000	-8.50000	-0.49014	-8.9310	-98.006E-6	-0.59667	6.8796E-6
-7.00000	48.00000	-8.50000	-0.55592	-8.9310	-106.86E-6	-0.62642	7.2225E-6
-6.00000	48.00000	-8.50000	-0.62349	-8.9310	-116.22E-6	-0.65713	7.5764E-6
-5.00000	48.00000	-8.50000	-0.69265	-8.9310	-126.23E-6	-0.68870	7.9403E-6
-4.00000	48.00000	-8.50000	-0.76314	-8.9310	-136.66E-6	-0.72101	8.3127E-6
-3.00000	48.00000	-8.50000	-0.83468	-8.9310	-147.53E-6	-0.75394	8.6922E-6
-2.00000	48.00000	-8.50000	-0.90698	-8.9310	-158.74E-6	-0.78734	9.0770E-6
-1.00000	48.00000	-8.50000	-0.97973	-8.9310	-170.23E-6	-0.82103	9.4653E-6
0.00000	48.00000	-8.50000	-1.0526	-8.9310	-181.90E-6	-0.85485	9.8551E-6
1.00000	48.00000	-8.50000	-1.1252	-8.9310	-193.66E-6	-0.88930	10.246E-6
2.00000	48.00000	-8.50000	-1.1973	-8.9310	-205.42E-6	-0.92218	10.631E-6
3.00000	48.00000	-8.50000	-1.2684	-8.9310	-217.09E-6	-0.95533	11.013E-6
4.00000	48.00000	-8.50000	-1.3383	-8.9310	-228.61E-6	-0.98793	11.389E-6
5.00000	48.00000	-8.50000	-1.4066	-8.9310	-239.93E-6	-1.02098	11.762E-6
6.00000	48.00000	-8.50000	-1.4730	-8.9310	-250.99E-6	-1.05059	12.114E-6
7.00000	48.00000	-8.50000	-1.5373	-8.9310	-261.79E-6	-1.08010	12.461E-6
8.00000	48.00000	-8.50000	-1.5991	-8.9310	-272.33E-6	-1.1101	12.797E-6
9.00000	48.00000	-8.50000	-1.6583	-8.9310	-282.62E-6	-1.1391	13.119E-6
10.00000	48.00000	-8.50000	-1.7145	-8.9310	-292.70E-6	-1.1649	13.428E-6
11.00000	48.00000	-8.50000	-1.7676	-8.9310	-302.60E-6	-1.1905	13.721E-6
12.00000	48.00000	-8.50000	-1.8173	-8.9310	-312.39E-6	-1.2148	14.003E-6
13.00000	48.00000	-8.50000	-1.8636	-8.9310	-322.10E-6	-1.2379	14.269E-6
14.00000	48.00000	-8.50000	-1.9061	-8.9310	-331.79E-6	-1.2595	14.518E-6
15.00000	48.00000	-8.50000	-1.9447	-8.9310	-341.47E-6	-1.2798	14.747E-6
16.00000	48.00000	-8.50000	-1.9791	-8.9310	-351.16E-6	-1.2985	14.967E-6
17.00000	48.00000	-8.50000	-2.0092	-8.9310	-360.82E-6	-1.3156	15.164E-6
18.00000	48.00000	-8.50000	-2.0348	-8.9310	-370.38E-6	-1.3311	15.342E-6
19.00000	48.00000	-8.50000	-2.056	-8.9310	-379.75E-6	-1.3446	15.498E-6
20.00000	48.00000	-8.50000	-2.0713	-8.9310	-388.76E-6	-1.3561	15.630E-6
21.00000	48.00000	-8.50000	-2.0818	-8.9310	-397.22E-6	-1.3653	15.736E-6
22.00000	48.00000	-8.50000	-2.0869	-8.9310	-404.92E-6	-1.3720	15.819E-6
23.00000	48.00000	-8.50000	-2.0862	-8.9310	-411.60E-6	-1.3760	15.859E-6
24.00000	48.00000	-8.50000	-2.0796	-8.9310	-417.01E-6	-1.3770	15.871E-6
25.00000	48.00000	-8.50000	-2.0669	-8.9310	-420.91E-6	-1.3750	15.847E-6
26.00000	48.00000	-8.50000	-2.0481	-8.9310	-423.07E-6	-1.3695	15.784E-6
27.00000	48.00000	-8.50000	-2.0229	-8.9310	-423.30E-6	-1.3606	15.681E-6
28.00000	48.00000	-8.50000	-1.9915	-8.9310	-421.46E-6	-1.3481	15.537E-6
2							

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

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Vert Strain [-]
51.00000	50.00000	50.00000	-8.50000	-0.22723	-8.9310	-68.018E-6	-0.47936	5.5274E-6
52.00000	50.00000	50.00000	-8.50000	-0.17496	-8.9310	-61.900E-6	-0.45581	5.2559E-6
53.00000	50.00000	50.00000	-8.50000	-0.12497	-8.9310	-56.329E-6	-0.43338	4.9974E-6
54.00000	50.00000	50.00000	-8.50000	-0.077304	-8.9310	-51.266E-6	-0.41205	4.7515E-6
55.00000	50.00000	50.00000	-8.50000	-0.031986	-8.9310	-46.672E-6	-0.39180	4.5181E-6
56.00000	50.00000	50.00000	-8.50000	0.010988	-8.9310	-42.509E-6	-0.37259	4.2967E-6
57.00000	50.00000	50.00000	-8.50000	0.051636	-8.9310	-38.741E-6	-0.35440	4.0869E-6
58.00000	50.00000	50.00000	-8.50000	0.089987	-8.9310	-35.330E-6	-0.33717	3.8883E-6
59.00000	50.00000	50.00000	-8.50000	0.12658	-8.9310	-32.244E-6	-0.32087	3.7003E-6
60.00000	50.00000	50.00000	-8.50000	0.15998	-8.9310	-29.452E-6	-0.30545	3.5226E-6

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





73-75 Avenue Road, NW8

Total Heave

Analysis Options

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

Soil ProfilesSoil Profile 1

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

Soil Zones

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

Load Data

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

Displacement Data

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

RESULTS FOR GRIDS

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

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

Name	X	Location Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[-]
Load 1	20.00000	8.00000	-8.50000	-96.543	-8.9310	-159.99	-373.08	-0.0045134
Load 2	11.00000	22.50000	-8.50000	-90.601	-8.9310	-159.99	-370.94	-0.0045236
Load 3	30.00000	24.00000	-8.50000	-88.724	-8.9310	-159.99	-370.67	-0.0045317
Grid 1	-20.00000	-20.00000	0.00000	-2.4419	-0.50000	0.0	0.0	0.0
	-19.00000	-20.00000	0.00000	-2.5659	-0.50000	0.0	0.0	0.0
	-18.00000	-20.00000	0.00000	-2.6948	-0.50000	0.0	0.0	0.0
	-17.00000	-20.00000	0.00000	-2.8287	-0.50000	0.0	0.0	0.0
	-16.00000	-20.00000	0.00000	-2.9676	-0.50000	0.0	0.0	0.0
	-15.00000	-20.00000	0.00000	-3.1114	-0.50000	0.0	0.0	0.0
	-14.00000	-20.00000	0.00000	-3.2602	-0.50000	0.0	0.0	0.0
	-13.00000	-20.00000	0.00000	-3.4137	-0.50000	0.0	0.0	0.0
	-12.00000	-20.00000	0.00000	-3.5721	-0.50000	0.0	0.0	0.0
	-11.00000	-20.00000	0.00000	-3.7349	-0.50000	0.0	0.0	0.0
	-10.00000	-20.00000	0.00000	-3.9022	-0.50000	0.0	0.0	0.0
	-9.00000	-20.00000	0.00000	-4.0735	-0.50000	0.0	0.0	0.0
	-8.00000	-20.00000	0.00000	-4.2485	-0.50000	0.0	0.0	0.0
	-7.00000	-20.00000	0.00000	-4.4269	-0.50000	0.0	0.0	0.0
	-6.00000	-20.00000	0.00000	-4.6082	-0.50000	0.0	0.0	0.0
	-5.00000	-20.00000	0.00000	-4.7919	-0.50000	0.0	0.0	0.0
	-4.00000	-20.00000	0.00000	-4.9774	-0.50000	0.0	0.0	0.0
	-3.00000	-20.00000	0.00000	-5.1640	-0.50000	0.0	0.0	0.0
	-2.00000	-20.00000	0.00000	-5.3510	-0.50000	0.0	0.0	0.0
	-1.00000	-20.00000	0.00000	-5.5377	-0.50000	0.0	0.0	0.0
	0.00000	-20.00000	0.00000	-5.7232	-0.50000	0.0	0.0	0.0
	1.00000	-20.00000	0.00000	-5.9066	-0.50000	0.0	0.0	0.0
	2.00000	-20.00000	0.00000	-6.0872	-0.50000	0.0	0.0	0.0
	3.00000	-20.00000	0.00000	-6.2639	-0.50000	0.0	0.0	0.0
	4.00000	-20.00000	0.00000	-6.4359	-0.50000	0.0	0.0	0.0
	5.00000	-20.00000	0.00000	-6.6023	-0.50000	0.0	0.0	0.0
	6.00000	-20.00000	0.00000	-6.7621	-0.50000	0.0	0.0	0.0
	7.00000	-20.00000	0.00000	-6.9146	-0.50000	0.0	0.0	0.0
	8.00000	-20.00000	0.00000	-7.0590	-0.50000	0.0	0.0	0.0
	9.00000	-20.00000	0.00000	-7.1944	-0.50000	0.0	0.0	0.0
	10.00000	-20.00000	0.00000	-7.3203	-0.50000	0.0	0.0	0.0
	11.00000	-20.00000	0.00000	-7.4359	-0.50000	0.0	0.0	0.0
	12.00000	-20.00000	0.00000	-7.5407	-0.50000	0.0	0.0	0.0
	13.00000	-20.00000	0.00000	-7.6343	-0.50000	0.0	0.0	0.0
	14.00000	-20.00000	0.00000	-7.7160	-0.50000	0.0	0.0	0.0
	15.00000	-20.00000	0.00000	-7.7857	-0.50000	0.0	0.0	0.0
	16.00000	-20.00000	0.00000	-7.8429	-0.50000	0.0	0.0	0.0
	17.00000	-20.00000	0.00000	-7.8875	-0.50000	0.0	0.0	0.0
	18.00000	-20.00000	0.00000	-7.9192	-0.50000	0.0	0.0	0.0
	19.00000	-20.00000	0.00000	-7.9378	-0.50000	0.0	0.0	0.0
	20.00000	-20.00000	0.00000	-7.9434	-0.50000	0.0	0.0	0.0
	21.00000	-20.00000	0.00000	-7.9359	-0.50000	0.0	0.0	0.0
	22.00000	-20.00000	0.00000	-7.9153	-0.50000	0.0	0.0	0.0
	23.00000	-20.00000	0.00000	-7.8816	-0.50000	0.0	0.0	0.0
	24.00000	-20.00000	0.00000	-7.8352	-0.50000	0.0	0.0	0.0
	25.00000	-20.00000	0.00000	-7.7761	-0.50000	0.0	0.0	0.0
	26.00000	-20.00000	0.00000	-7.7045	-0.50000	0.0	0.0	0.0
	27.00000	-20.00000	0.00000	-7.6210	-0.50000	0.0	0.0	0.0
	28.00000	-20.00000	0.00000	-7.5257	-0.50000	0.0	0.0	0.0
	29.00000	-20.00000	0.00000	-7.4191	-0.50000	0.0	0.0	0.0
	30.00000	-20.00000	0.00000	-7.3019	-0.50000	0.0	0.0	0.0
	31.00000	-20.00000	0.00000	-7.1744	-0.50000	0.0	0.0	0.0
	32.00000	-20.00000	0.00000	-7.0375	-0.50000	0.0	0.0	0.0
	33.00000	-20.00000	0.00000	-6.8917	-0.50000	0.0	0.0	0.0
	34.00000	-20.00000	0.00000	-6.7379	-0.50000	0.0	0.0	0.0
	35.00000	-20.00000	0.00000	-6.5768	-0.50000	0.0	0.0	0.0
	36.00000	-20.00000	0.00000	-6.4093	-0.50000	0.0	0.0	0.0
	37.00000	-20.00000	0.00000	-6.2363	-0.50000	0.0	0.0	0.0
	38.00000	-20.00000	0.00000	-6.0586	-0.50000	0.0	0.0	0.0
	39.00000	-20.00000	0.00000	-5.8773	-0.50000	0.0	0.0	0.0
	40.00000	-20.00000	0.00000	-5.6931	-0.50000	0.0	0.0	0.0
	41.00000	-20.00000	0.00000	-5.5070	-0.50000	0.0	0.0	0.0
	42.00000	-20.00000	0.00000	-5.3198	-0.50000	0.0	0.0	0.0
	43.00000	-20.00000	0.00000	-5.1324	-0.50000	0.0	0.0	0.0
	44.00000	-20.00000	0.00000	-4.9455	-0.50000	0.0	0.0	0.0
	45.00000	-20.00000	0.00000	-4.7599	-0.50000	0.0	0.0	0.0
	46.00000	-20.00000	0.00000	-4.5761	-0.50000	0.0	0.0	0.0
	47.00000	-20.00000	0.00000	-4.3948	-0.50000	0.0	0.0	0.0
	48.00000	-20.00000	0.00000	-4.2165	-0.50000	0.0	0.0	0.0
	49.00000	-20.00000	0.00000	-4.0417	-0.50000	0.0	0.0	0.0
	50.00000	-20.00000	0.00000	-3.8707	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Total Heave

Name	Location			Stresses				
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
51.00000	-20.00000	0.00000	-3.7038	-0.50000	0.0	0.0	0.0	
52.00000	-20.00000	0.00000	-3.5413	-0.50000	0.0	0.0	0.0	
53.00000	-20.00000	0.00000	-3.3835	-0.50000	0.0	0.0	0.0	
54.00000	-20.00000	0.00000	-3.2305	-0.50000	0.0	0.0	0.0	
55.00000	-20.00000	0.00000	-3.0823	-0.50000	0.0	0.0	0.0	
56.00000	-20.00000	0.00000	-2.9391	-0.50000	0.0	0.0	0.0	
57.00000	-20.00000	0.00000	-2.8009	-0.50000	0.0	0.0	0.0	
58.00000	-20.00000	0.00000	-2.6678	-0.50000	0.0	0.0	0.0	
59.00000	-20.00000	0.00000	-2.5396	-0.50000	0.0	0.0	0.0	
60.00000	-20.00000	0.00000	-2.4163	-0.50000	0.0	0.0	0.0	
-20.00000	-19.00000	0.00000	-2.5572	-0.50000	0.0	0.0	0.0	
-19.00000	-19.00000	0.00000	-2.6892	-0.50000	0.0	0.0	0.0	
-18.00000	-19.00000	0.00000	-2.8268	-0.50000	0.0	0.0	0.0	
-17.00000	-19.00000	0.00000	-2.9698	-0.50000	0.0	0.0	0.0	
-16.00000	-19.00000	0.00000	-3.1184	-0.50000	0.0	0.0	0.0	
-15.00000	-19.00000	0.00000	-3.2725	-0.50000	0.0	0.0	0.0	
-14.00000	-19.00000	0.00000	-3.4322	-0.50000	0.0	0.0	0.0	
-13.00000	-19.00000	0.00000	-3.5974	-0.50000	0.0	0.0	0.0	
-12.00000	-19.00000	0.00000	-3.7680	-0.50000	0.0	0.0	0.0	
-11.00000	-19.00000	0.00000	-3.9438	-0.50000	0.0	0.0	0.0	
-10.00000	-19.00000	0.00000	-4.1246	-0.50000	0.0	0.0	0.0	
-9.00000	-19.00000	0.00000	-4.3102	-0.50000	0.0	0.0	0.0	
-8.00000	-19.00000	0.00000	-4.5002	-0.50000	0.0	0.0	0.0	
-7.00000	-19.00000	0.00000	-4.6941	-0.50000	0.0	0.0	0.0	
-6.00000	-19.00000	0.00000	-4.8916	-0.50000	0.0	0.0	0.0	
-5.00000	-19.00000	0.00000	-5.0921	-0.50000	0.0	0.0	0.0	
-4.00000	-19.00000	0.00000	-5.2948	-0.50000	0.0	0.0	0.0	
-3.00000	-19.00000	0.00000	-5.4999	-0.50000	0.0	0.0	0.0	
-2.00000	-19.00000	0.00000	-5.7041	-0.50000	0.0	0.0	0.0	
-1.00000	-19.00000	0.00000	-5.9091	-0.50000	0.0	0.0	0.0	
0.00000	-19.00000	0.00000	-6.1130	-0.50000	0.0	0.0	0.0	
1.00000	-19.00000	0.00000	-6.3144	-0.50000	0.0	0.0	0.0	
2.00000	-19.00000	0.00000	-6.5138	-0.50000	0.0	0.0	0.0	
3.00000	-19.00000	0.00000	-6.7087	-0.50000	0.0	0.0	0.0	
4.00000	-19.00000	0.00000	-6.8984	-0.50000	0.0	0.0	0.0	
5.00000	-19.00000	0.00000	-7.0820	-0.50000	0.0	0.0	0.0	
6.00000	-19.00000	0.00000	-7.2585	-0.50000	0.0	0.0	0.0	
7.00000	-19.00000	0.00000	-7.4269	-0.50000	0.0	0.0	0.0	
8.00000	-19.00000	0.00000	-7.5866	-0.50000	0.0	0.0	0.0	
9.00000	-19.00000	0.00000	-7.7358	-0.50000	0.0	0.0	0.0	
10.00000	-19.00000	0.00000	-7.8748	-0.50000	0.0	0.0	0.0	
11.00000	-19.00000	0.00000	-8.0029	-0.50000	0.0	0.0	0.0	
12.00000	-19.00000	0.00000	-8.1181	-0.50000	0.0	0.0	0.0	
13.00000	-19.00000	0.00000	-8.2213	-0.50000	0.0	0.0	0.0	
14.00000	-19.00000	0.00000	-8.3115	-0.50000	0.0	0.0	0.0	
15.00000	-19.00000	0.00000	-8.3889	-0.50000	0.0	0.0	0.0	
16.00000	-19.00000	0.00000	-8.4515	-0.50000	0.0	0.0	0.0	
17.00000	-19.00000	0.00000	-8.5006	-0.50000	0.0	0.0	0.0	
18.00000	-19.00000	0.00000	-8.5355	-0.50000	0.0	0.0	0.0	
19.00000	-19.00000	0.00000	-8.5561	-0.50000	0.0	0.0	0.0	
20.00000	-19.00000	0.00000	-8.5622	-0.50000	0.0	0.0	0.0	
21.00000	-19.00000	0.00000	-8.5539	-0.50000	0.0	0.0	0.0	
22.00000	-19.00000	0.00000	-8.5312	-0.50000	0.0	0.0	0.0	
23.00000	-19.00000	0.00000	-8.4942	-0.50000	0.0	0.0	0.0	
24.00000	-19.00000	0.00000	-8.4430	-0.50000	0.0	0.0	0.0	
25.00000	-19.00000	0.00000	-8.3777	-0.50000	0.0	0.0	0.0	
26.00000	-19.00000	0.00000	-8.2990	-0.50000	0.0	0.0	0.0	
27.00000	-19.00000	0.00000	-8.2068	-0.50000	0.0	0.0	0.0	
28.00000	-19.00000	0.00000	-8.1011	-0.50000	0.0	0.0	0.0	
29.00000	-19.00000	0.00000	-7.9841	-0.50000	0.0	0.0	0.0	
30.00000	-19.00000	0.00000	-7.8547	-0.50000	0.0	0.0	0.0	
31.00000	-19.00000	0.00000	-7.7140	-0.50000	0.0	0.0	0.0	
32.00000	-19.00000	0.00000	-7.5624	-0.50000	0.0	0.0	0.0	
33.00000	-19.00000	0.00000	-7.4019	-0.50000	0.0	0.0	0.0	
34.00000	-19.00000	0.00000	-7.2321	-0.50000	0.0	0.0	0.0	
35.00000	-19.00000	0.00000	-7.0542	-0.50000	0.0	0.0	0.0	
36.00000	-19.00000	0.00000	-6.8694	-0.50000	0.0	0.0	0.0	
37.00000	-19.00000	0.00000	-6.6785	-0.50000	0.0	0.0	0.0	
38.00000	-19.00000	0.00000	-6.4827	-0.50000	0.0	0.0	0.0	
39.00000	-19.00000	0.00000	-6.2829	-0.50000	0.0	0.0	0.0	
40.00000	-19.00000	0.00000	-6.0803	-0.50000	0.0	0.0	0.0	
41.00000	-19.00000	0.00000	-5.8757	-0.50000	0.0	0.0	0.0	
42.00000	-19.00000	0.00000	-5.6700	-0.50000	0.0	0.0	0.0	
43.00000	-19.00000	0.00000	-5.4647	-0.50000	0.0	0.0	0.0	
44.00000	-19.00000	0.00000	-5.2602	-0.50000	0.0	0.0	0.0	
45.00000	-19.00000	0.00000	-5.0573	-0.50000	0.0	0.0	0.0	
46.00000	-19.00000	0.00000	-4.8561	-0.50000	0.0	0.0	0.0	
47.00000	-19.00000	0.00000	-4.6593	-0.50000	0.0	0.0	0.0	
48.00000	-19.00000	0.00000	-4.4655	-0.50000	0.0	0.0	0.0	
49.00000	-19.00000	0.00000	-4.2754	-0.50000	0.0	0.0	0.0	
50.00000	-19.00000	0.00000	-4.0905	-0.50000	0.0	0.0	0.0	
51.00000	-19.00000	0.00000	-3.9101	-0.50000	0.0	0.0	0.0	
52.00000	-19.00000	0.00000	-3.7348	-0.50000	0.0	0.0	0.0	
53.00000	-19.00000	0.00000	-3.5643	-0.50000	0.0	0.0	0.0	
54.00000	-19.00000	0.00000	-3.4002	-0.50000	0.0	0.0	0.0	
55.00000	-19.00000	0.00000	-3.2412	-0.50000	0.0	0.0	0.0	
56.00000	-19.00000	0.00000	-3.0879	-0.50000	0.0	0.0	0.0	
57.00000	-19.00000	0.00000	-2.9400	-0.50000	0.0	0.0	0.0	
58.00000	-19.00000	0.00000	-2.7978	-0.50000	0.0	0.0	0.0	
59.00000	-19.00000	0.00000	-2.6611	-0.50000	0.0	0.0	0.0	
60.00000	-19.00000	0.00000	-2.5299	-0.50000	0.0	0.0	0.0	
-20.00000	-18.00000	0.00000	-2.6763	-0.50000	0.0	0.0	0.0	
-19.00000	-18.00000	0.00000	-2.8169	-0.50000	0.0	0.0	0.0	
-18.00000	-18.00000	0.00000	-2.9631	-0.50000	0.0	0.0	0.0	
-17.00000	-18.00000	0.00000	-3.1162	-0.50000	0.0	0.0	0.0	
-16.00000	-18.00000	0.00000	-3.2752	-0.50000	0.0	0.0	0.0	
-15.00000	-18.00000	0.00000	-3.4404	-0.50000	0.0	0.0	0.0	
-14.00000	-18.00000	0.00000	-3.6118	-0.50000	0.0	0.0	0.0	
-13.00000	-18.00000	0.00000	-3.7894	-0.50000	0.0	0.0	0.0	
-12.00000	-18.00000	0.00000	-3.9732	-0.50000	0.0	0.0	0.0	
-11.00000	-18.00000	0.00000	-4.1633	-0.50000	0.0	0.0	0.0	
-10.00000	-18.00000	0.00000	-4.3586	-0.50000	0.0	0.0	0.0	
-9.00000	-18.00000	0.00000	-4.5598	-0.50000	0.0	0.0	0.0	
-8.00000	-18.00000	0.00000	-4.7661	-0.50000	0.0	0.0	0.0	
-7.00000	-18.00000	0.00000	-4.9779	-0.50000	0.0	0.0	0.0	
-6.00000	-18.00000	0.00000	-5.1925	-0.50000	0.0	0.0	0.0	
-5.00000	-18.00000	0.00000	-5.4114	-0.50000	0.0	0.0	0.0	
-4.00000	-18.00000	0.00000	-5.6332	-0.50000	0.0	0.0	0.0	
-3.00000	-18.00000	0.00000	-5.8572	-0.50000	0.0	0.0	0.0	
-2.00000	-18.00000	0.00000	-6.0823	-0.50000	0.0	0.0	0.0	
-1.00000	-18.00000	0.00000	-6.3077	-0.50000	0.0	0.0	0.0	
0.00000	-18.00000	0.00000	-6.5323	-0.50000	0.0	0.0	0.0	
1.00000	-18.00000	0.00000	-6.7548	-0.50000	0.0	0.0	0.0	
2.00000	-18.00000	0.00000	-6.9743	-0.50000	0.0	0.0	0.0	
3.00000	-18.00000	0.00000	-7.1899	-0.50000	0.0	0.0	0.0	
4.00000	-18.00000	0.00000	-7.3991	-0.50000	0.0	0.0	0.0	
5.00000	-18.00000	0.00000	-7.6021	-0.50000	0.0	0.0	0.0	
6.00000	-18.00000	0.00000	-7.7973	-0.50000	0.0	0.0	0.0	
7.00000	-18.00000	0.00000	-7.9835	-0.50000	0.0	0.0	0.0	
8.00000	-18.00000	0.00000	-8.1598	-0.50000	0.0	0.0	0.0	
9.00000	-18.00000	0.00000	-8.3252	-0.50000	0.0	0.0	0.0	
10.00000	-18.00000	0.00000	-8.4781	-0.50000	0.0	0.0	0.0	
11.00000	-18.00000	0.00000	-8.6199	-0.50000	0.0	0.0	0.0	
12.00000	-18.00000	0.00000	-8.7477	-0.50000	0.0	0.0	0.0	
13.00000	-18.00000	0.00000	-8.8615	-0.50000	0.0	0.0	0.0	
14.00000	-18.00000	0.00000	-8.9612	-0.50000	0.0	0.0	0.0	
15.00000	-18.00000	0.00000	-9.0460	-0.50000	0.0	0.0	0.0	
16.00000	-18.00000	0.00000	-9.1157	-0.50000	0.0	0.0	0.0	
17.00000	-18.00000	0.00000	-9.1699	-0.50000	0.0	0.0	0.0	
18.00000	-18.00000	0.00000	-9.2084	-0.50000	0.0	0.0	0.0	
19.00000	-18.00000	0.00000	-9.2311	-0.50000	0.0	0.0	0.0	
20.00000	-18.00000	0.00000	-9.2379	-0.50000	0.0	0.0	0.0	
21.00000	-18.00000	0.00000	-9.2287	-0.50000	0.0	0.0	0.0	
22.00000	-18.00000	0.00000	-9.2037	-0.50000	0.0	0.0	0.0	
23.00000	-18.00000	0.00000	-9.1629	-0.50000	0.0	0.0	0.0	
24.00000	-18.00000	0.00000	-9.1063	-0.50000	0.0	0.0	0.0	
25.00000	-18.00000	0.00000	-9.0345	-0.50000	0.0	0.0	0.0	
26.00000	-18.00000	0.00000	-8.9475	-0.50000	0.0	0.0	0.0	
27.000								



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
30.00000	-18.00000	0.00000	-8.4569	-0.50000	0.0	0.0	0.0	
31.00000	-18.00000	0.00000	-8.3914	-0.50000	0.0	0.0	0.0	
32.00000	-18.00000	0.00000	-8.1342	-0.50000	0.0	0.0	0.0	
33.00000	-18.00000	0.00000	-7.9562	-0.50000	0.0	0.0	0.0	
34.00000	-18.00000	0.00000	-7.7684	-0.50000	0.0	0.0	0.0	
35.00000	-18.00000	0.00000	-7.5718	-0.50000	0.0	0.0	0.0	
36.00000	-18.00000	0.00000	-7.3675	-0.50000	0.0	0.0	0.0	
37.00000	-18.00000	0.00000	-7.1566	-0.50000	0.0	0.0	0.0	
38.00000	-18.00000	0.00000	-6.9404	-0.50000	0.0	0.0	0.0	
39.00000	-18.00000	0.00000	-6.7199	-0.50000	0.0	0.0	0.0	
40.00000	-18.00000	0.00000	-6.4965	-0.50000	0.0	0.0	0.0	
41.00000	-18.00000	0.00000	-6.2713	-0.50000	0.0	0.0	0.0	
42.00000	-18.00000	0.00000	-6.0454	-0.50000	0.0	0.0	0.0	
43.00000	-18.00000	0.00000	-5.8198	-0.50000	0.0	0.0	0.0	
44.00000	-18.00000	0.00000	-5.5956	-0.50000	0.0	0.0	0.0	
45.00000	-18.00000	0.00000	-5.3736	-0.50000	0.0	0.0	0.0	
46.00000	-18.00000	0.00000	-5.1546	-0.50000	0.0	0.0	0.0	
47.00000	-18.00000	0.00000	-4.9394	-0.50000	0.0	0.0	0.0	
48.00000	-18.00000	0.00000	-4.7285	-0.50000	0.0	0.0	0.0	
49.00000	-18.00000	0.00000	-4.5225	-0.50000	0.0	0.0	0.0	
50.00000	-18.00000	0.00000	-4.3218	-0.50000	0.0	0.0	0.0	
51.00000	-18.00000	0.00000	-4.1267	-0.50000	0.0	0.0	0.0	
52.00000	-18.00000	0.00000	-3.9374	-0.50000	0.0	0.0	0.0	
53.00000	-18.00000	0.00000	-3.7543	-0.50000	0.0	0.0	0.0	
54.00000	-18.00000	0.00000	-3.5773	-0.50000	0.0	0.0	0.0	
55.00000	-18.00000	0.00000	-3.4067	-0.50000	0.0	0.0	0.0	
56.00000	-18.00000	0.00000	-3.2423	-0.50000	0.0	0.0	0.0	
57.00000	-18.00000	0.00000	-3.0842	-0.50000	0.0	0.0	0.0	
58.00000	-18.00000	0.00000	-2.9324	-0.50000	0.0	0.0	0.0	
59.00000	-18.00000	0.00000	-2.7867	-0.50000	0.0	0.0	0.0	
60.00000	-18.00000	0.00000	-2.6471	-0.50000	0.0	0.0	0.0	
-20.00000	-17.00000	0.00000	-2.7992	-0.50000	0.0	0.0	0.0	
-19.00000	-17.00000	0.00000	-2.9487	-0.50000	0.0	0.0	0.0	
-18.00000	-17.00000	0.00000	-3.1050	-0.50000	0.0	0.0	0.0	
-17.00000	-17.00000	0.00000	-3.2680	-0.50000	0.0	0.0	0.0	
-16.00000	-17.00000	0.00000	-3.4380	-0.50000	0.0	0.0	0.0	
-15.00000	-17.00000	0.00000	-3.6150	-0.50000	0.0	0.0	0.0	
-14.00000	-17.00000	0.00000	-3.7990	-0.50000	0.0	0.0	0.0	
-13.00000	-17.00000	0.00000	-3.9901	-0.50000	0.0	0.0	0.0	
-12.00000	-17.00000	0.00000	-4.1881	-0.50000	0.0	0.0	0.0	
-11.00000	-17.00000	0.00000	-4.3930	-0.50000	0.0	0.0	0.0	
-10.00000	-17.00000	0.00000	-4.6047	-0.50000	0.0	0.0	0.0	
-9.00000	-17.00000	0.00000	-4.8228	-0.50000	0.0	0.0	0.0	
-8.00000	-17.00000	0.00000	-5.0470	-0.50000	0.0	0.0	0.0	
-7.00000	-17.00000	0.00000	-5.2768	-0.50000	0.0	0.0	0.0	
-6.00000	-17.00000	0.00000	-5.5118	-0.50000	0.0	0.0	0.0	
-5.00000	-17.00000	0.00000	-5.7512	-0.50000	0.0	0.0	0.0	
-4.00000	-17.00000	0.00000	-5.9942	-0.50000	0.0	0.0	0.0	
-3.00000	-17.00000	0.00000	-6.2401	-0.50000	0.0	0.0	0.0	
-2.00000	-17.00000	0.00000	-6.4877	-0.50000	0.0	0.0	0.0	
-1.00000	-17.00000	0.00000	-6.7359	-0.50000	0.0	0.0	0.0	
0.00000	-17.00000	0.00000	-6.9836	-0.50000	0.0	0.0	0.0	
1.00000	-17.00000	0.00000	-7.2294	-0.50000	0.0	0.0	0.0	
2.00000	-17.00000	0.00000	-7.4721	-0.50000	0.0	0.0	0.0	
3.00000	-17.00000	0.00000	-7.7101	-0.50000	0.0	0.0	0.0	
4.00000	-17.00000	0.00000	-7.9423	-0.50000	0.0	0.0	0.0	
5.00000	-17.00000	0.00000	-8.1671	-0.50000	0.0	0.0	0.0	
6.00000	-17.00000	0.00000	-8.3833	-0.50000	0.0	0.0	0.0	
7.00000	-17.00000	0.00000	-8.5896	-0.50000	0.0	0.0	0.0	
8.00000	-17.00000	0.00000	-8.7849	-0.50000	0.0	0.0	0.0	
9.00000	-17.00000	0.00000	-8.9680	-0.50000	0.0	0.0	0.0	
10.00000	-17.00000	0.00000	-9.1381	-0.50000	0.0	0.0	0.0	
11.00000	-17.00000	0.00000	-9.2942	-0.50000	0.0	0.0	0.0	
12.00000	-17.00000	0.00000	-9.4355	-0.50000	0.0	0.0	0.0	
13.00000	-17.00000	0.00000	-9.5615	-0.50000	0.0	0.0	0.0	
14.00000	-17.00000	0.00000	-9.6715	-0.50000	0.0	0.0	0.0	
15.00000	-17.00000	0.00000	-9.7652	-0.50000	0.0	0.0	0.0	
16.00000	-17.00000	0.00000	-9.8420	-0.50000	0.0	0.0	0.0	
17.00000	-17.00000	0.00000	-9.9018	-0.50000	0.0	0.0	0.0	
18.00000	-17.00000	0.00000	-9.9443	-0.50000	0.0	0.0	0.0	
19.00000	-17.00000	0.00000	-9.9694	-0.50000	0.0	0.0	0.0	
20.00000	-17.00000	0.00000	-9.9769	-0.50000	0.0	0.0	0.0	
21.00000	-17.00000	0.00000	-9.9668	-0.50000	0.0	0.0	0.0	
22.00000	-17.00000	0.00000	-9.9393	-0.50000	0.0	0.0	0.0	
23.00000	-17.00000	0.00000	-9.8942	-0.50000	0.0	0.0	0.0	
24.00000	-17.00000	0.00000	-9.8320	-0.50000	0.0	0.0	0.0	
25.00000	-17.00000	0.00000	-9.7526	-0.50000	0.0	0.0	0.0	
26.00000	-17.00000	0.00000	-9.6566	-0.50000	0.0	0.0	0.0	
27.00000	-17.00000	0.00000	-9.5442	-0.50000	0.0	0.0	0.0	
28.00000	-17.00000	0.00000	-9.4159	-0.50000	0.0	0.0	0.0	
29.00000	-17.00000	0.00000	-9.2723	-0.50000	0.0	0.0	0.0	
30.00000	-17.00000	0.00000	-9.1141	-0.50000	0.0	0.0	0.0	
31.00000	-17.00000	0.00000	-8.9420	-0.50000	0.0	0.0	0.0	
32.00000	-17.00000	0.00000	-8.7569	-0.50000	0.0	0.0	0.0	
33.00000	-17.00000	0.00000	-8.5598	-0.50000	0.0	0.0	0.0	
34.00000	-17.00000	0.00000	-8.3518	-0.50000	0.0	0.0	0.0	
35.00000	-17.00000	0.00000	-8.1340	-0.50000	0.0	0.0	0.0	
36.00000	-17.00000	0.00000	-7.9077	-0.50000	0.0	0.0	0.0	
37.00000	-17.00000	0.00000	-7.6742	-0.50000	0.0	0.0	0.0	
38.00000	-17.00000	0.00000	-7.4350	-0.50000	0.0	0.0	0.0	
39.00000	-17.00000	0.00000	-7.1913	-0.50000	0.0	0.0	0.0	
40.00000	-17.00000	0.00000	-6.9446	-0.50000	0.0	0.0	0.0	
41.00000	-17.00000	0.00000	-6.6962	-0.50000	0.0	0.0	0.0	
42.00000	-17.00000	0.00000	-6.4474	-0.50000	0.0	0.0	0.0	
43.00000	-17.00000	0.00000	-6.1993	-0.50000	0.0	0.0	0.0	
44.00000	-17.00000	0.00000	-5.9532	-0.50000	0.0	0.0	0.0	
45.00000	-17.00000	0.00000	-5.7100	-0.50000	0.0	0.0	0.0	
46.00000	-17.00000	0.00000	-5.4706	-0.50000	0.0	0.0	0.0	
47.00000	-17.00000	0.00000	-5.2358	-0.50000	0.0	0.0	0.0	
48.00000	-17.00000	0.00000	-5.0062	-0.50000	0.0	0.0	0.0	
49.00000	-17.00000	0.00000	-4.7824	-0.50000	0.0	0.0	0.0	
50.00000	-17.00000	0.00000	-4.5648	-0.50000	0.0	0.0	0.0	
51.00000	-17.00000	0.00000	-4.3537	-0.50000	0.0	0.0	0.0	
52.00000	-17.00000	0.00000	-4.1494	-0.50000	0.0	0.0	0.0	
53.00000	-17.00000	0.00000	-3.9521	-0.50000	0.0	0.0	0.0	
54.00000	-17.00000	0.00000	-3.7619	-0.50000	0.0	0.0	0.0	
55.00000	-17.00000	0.00000	-3.5787	-0.50000	0.0	0.0	0.0	
56.00000	-17.00000	0.00000	-3.4027	-0.50000	0.0	0.0	0.0	
57.00000	-17.00000	0.00000	-3.2337	-0.50000	0.0	0.0	0.0	
58.00000	-17.00000	0.00000	-3.0717	-0.50000	0.0	0.0	0.0	
59.00000	-17.00000	0.00000	-2.9164	-0.50000	0.0	0.0	0.0	
60.00000	-17.00000	0.00000	-2.7679	-0.50000	0.0	0.0	0.0	
-20.00000	-16.00000	0.00000	-2.9257	-0.50000	0.0	0.0	0.0	
-19.00000	-16.00000	0.00000	-3.0848	-0.50000	0.0	0.0	0.0	
-18.00000	-16.00000	0.00000	-3.2512	-0.50000	0.0	0.0	0.0	
-17.00000	-16.00000	0.00000	-3.4250	-0.50000	0.0	0.0	0.0	
-16.00000	-16.00000	0.00000	-3.6069	-0.50000	0.0	0.0	0.0	
-15.00000	-16.00000	0.00000	-3.7964	-0.50000	0.0	0.0	0.0	
-14.00000	-16.00000	0.00000	-3.9939	-0.50000	0.0	0.0	0.0	
-13.00000	-16.00000	0.00000	-4.1994	-0.50000	0.0	0.0	0.0	
-12.00000	-16.00000	0.00000	-4.4128	-0.50000	0.0	0.0	0.0	
-11.00000	-16.00000	0.00000	-4.6341	-0.50000	0.0	0.0	0.0	
-10.00000	-16.00000	0.00000	-4.8632	-0.50000	0.0	0.0	0.0	
-9.00000	-16.00000	0.00000	-5.0998	-0.50000	0.0	0.0	0.0	
-8.00000	-16.00000	0.00000	-5.3435	-0.50000	0.0	0.0	0.0	
-7.00000	-16.00000	0.00000	-5.5940	-0.50000	0.0	0.0	0.0	
-6.00000	-16.00000	0.00000	-5.8506	-0.50000	0.0	0.0	0.0	
-5.00000	-16.00000	0.00000	-6.1127	-0.50000	0.0	0.0	0.0	
-4.00000	-16.00000	0.00000	-6.3794	-0.50000	0.0	0.0	0.0	
-3.00000	-16.00000	0.00000	-6.6497	-0.50000	0.0	0.0	0.0	
-2.00000	-16.00000	0.00000	-6.9224	-0.50000	0.0	0.0	0.0	
-1.00000	-16.00000	0.00000	-7.1963	-0.50000	0.0	0.0	0.0	
0.00000	-16.00000	0.00000	-7.4701	-0.50000	0.0	0.0	0.0	
1.00000	-16.00000	0.00000	-7.7422	-0.50000	0.0	0.0	0.0	
2.00000	-16.00000	0.00000	-8.0110	-0.50000	0.0	0.0	0.0	
3.00000	-16.00000	0.00000	-8.2750	-0.50000	0.0	0.0	0.0	
4.00000	-16.00000	0.00000	-8.5325	-0.50000	0.0	0.		



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-12.00000	-14.00000	0.00000	-4.8922	-0.50000	0.0	0.0	0.0
	-11.00000	-14.00000	0.00000	-5.1506	-0.50000	0.0	0.0	0.0
	-10.00000	-14.00000	0.00000	-5.4189	-0.50000	0.0	0.0	0.0
	-9.00000	-14.00000	0.00000	-5.6977	-0.50000	0.0	0.0	0.0
	-8.00000	-14.00000	0.00000	-5.9863	-0.50000	0.0	0.0	0.0
	-7.00000	-14.00000	0.00000	-6.2848	-0.50000	0.0	0.0	0.0
	-6.00000	-14.00000	0.00000	-6.5916	-0.50000	0.0	0.0	0.0
	-5.00000	-14.00000	0.00000	-6.9069	-0.50000	0.0	0.0	0.0
	-4.00000	-14.00000	0.00000	-7.2293	-0.50000	0.0	0.0	0.0
	-3.00000	-14.00000	0.00000	-7.5577	-0.50000	0.0	0.0	0.0
	-2.00000	-14.00000	0.00000	-7.8905	-0.50000	0.0	0.0	0.0
	-1.00000	-14.00000	0.00000	-8.2262	-0.50000	0.0	0.0	0.0
	0.00000	-14.00000	0.00000	-8.5629	-0.50000	0.0	0.0	0.0
	1.00000	-14.00000	0.00000	-8.8986	-0.50000	0.0	0.0	0.0
	2.00000	-14.00000	0.00000	-9.2310	-0.50000	0.0	0.0	0.0
	3.00000	-14.00000	0.00000	-9.5581	-0.50000	0.0	0.0	0.0
	4.00000	-14.00000	0.00000	-9.8775	-0.50000	0.0	0.0	0.0
	5.00000	-14.00000	0.00000	-10.187	-0.50000	0.0	0.0	0.0
	6.00000	-14.00000	0.00000	-10.485	-0.50000	0.0	0.0	0.0
	7.00000	-14.00000	0.00000	-10.768	-0.50000	0.0	0.0	0.0
	8.00000	-14.00000	0.00000	-11.037	-0.50000	0.0	0.0	0.0
	9.00000	-14.00000	0.00000	-11.288	-0.50000	0.0	0.0	0.0
	10.00000	-14.00000	0.00000	-11.520	-0.50000	0.0	0.0	0.0
	11.00000	-14.00000	0.00000	-11.733	-0.50000	0.0	0.0	0.0
	12.00000	-14.00000	0.00000	-11.926	-0.50000	0.0	0.0	0.0
	13.00000	-14.00000	0.00000	-12.097	-0.50000	0.0	0.0	0.0
	14.00000	-14.00000	0.00000	-12.246	-0.50000	0.0	0.0	0.0
	15.00000	-14.00000	0.00000	-12.372	-0.50000	0.0	0.0	0.0
	16.00000	-14.00000	0.00000	-12.476	-0.50000	0.0	0.0	0.0
	17.00000	-14.00000	0.00000	-12.557	-0.50000	0.0	0.0	0.0
	18.00000	-14.00000	0.00000	-12.614	-0.50000	0.0	0.0	0.0
	19.00000	-14.00000	0.00000	-12.648	-0.50000	0.0	0.0	0.0
	20.00000	-14.00000	0.00000	-12.658	-0.50000	0.0	0.0	0.0
	21.00000	-14.00000	0.00000	-12.644	-0.50000	0.0	0.0	0.0
	22.00000	-14.00000	0.00000	-12.607	-0.50000	0.0	0.0	0.0
	23.00000	-14.00000	0.00000	-12.547	-0.50000	0.0	0.0	0.0
	24.00000	-14.00000	0.00000	-12.463	-0.50000	0.0	0.0	0.0
	25.00000	-14.00000	0.00000	-12.356	-0.50000	0.0	0.0	0.0
	26.00000	-14.00000	0.00000	-12.226	-0.50000	0.0	0.0	0.0
	27.00000	-14.00000	0.00000	-12.074	-0.50000	0.0	0.0	0.0
	28.00000	-14.00000	0.00000	-11.900	-0.50000	0.0	0.0	0.0
	29.00000	-14.00000	0.00000	-11.705	-0.50000	0.0	0.0	0.0
	30.00000	-14.00000	0.00000	-11.489	-0.50000	0.0	0.0	0.0
	31.00000	-14.00000	0.00000	-11.254	-0.50000	0.0	0.0	0.0
	32.00000	-14.00000	0.00000	-11.000	-0.50000	0.0	0.0	0.0
	33.00000	-14.00000	0.00000	-10.729	-0.50000	0.0	0.0	0.0
	34.00000	-14.00000	0.00000	-10.443	-0.50000	0.0	0.0	0.0
	35.00000	-14.00000	0.00000	-10.144	-0.50000	0.0	0.0	0.0
	36.00000	-14.00000	0.00000	-9.8321	-0.50000	0.0	0.0	0.0
	37.00000	-14.00000	0.00000	-9.5110	-0.50000	0.0	0.0	0.0
	38.00000	-14.00000	0.00000	-9.1825	-0.50000	0.0	0.0	0.0
	39.00000	-14.00000	0.00000	-8.8487	-0.50000	0.0	0.0	0.0
	40.00000	-14.00000	0.00000	-8.5120	-0.50000	0.0	0.0	0.0
	41.00000	-14.00000	0.00000	-8.1744	-0.50000	0.0	0.0	0.0
	42.00000	-14.00000	0.00000	-7.8380	-0.50000	0.0	0.0	0.0
	43.00000	-14.00000	0.00000	-7.5047	-0.50000	0.0	0.0	0.0
	44.00000	-14.00000	0.00000	-7.1761	-0.50000	0.0	0.0	0.0
	45.00000	-14.00000	0.00000	-6.8537	-0.50000	0.0	0.0	0.0
	46.00000	-14.00000	0.00000	-6.5386	-0.50000	0.0	0.0	0.0
	47.00000	-14.00000	0.00000	-6.2318	-0.50000	0.0	0.0	0.0
	48.00000	-14.00000	0.00000	-5.9341	-0.50000	0.0	0.0	0.0
	49.00000	-14.00000	0.00000	-5.6460	-0.50000	0.0	0.0	0.0
	50.00000	-14.00000	0.00000	-5.3681	-0.50000	0.0	0.0	0.0
	51.00000	-14.00000	0.00000	-5.1005	-0.50000	0.0	0.0	0.0
	52.00000	-14.00000	0.00000	-4.8433	-0.50000	0.0	0.0	0.0
	53.00000	-14.00000	0.00000	-4.5967	-0.50000	0.0	0.0	0.0
	54.00000	-14.00000	0.00000	-4.3604	-0.50000	0.0	0.0	0.0
	55.00000	-14.00000	0.00000	-4.1345	-0.50000	0.0	0.0	0.0
	56.00000	-14.00000	0.00000	-3.9187	-0.50000	0.0	0.0	0.0
	57.00000	-14.00000	0.00000	-3.7127	-0.50000	0.0	0.0	0.0
	58.00000	-14.00000	0.00000	-3.5163	-0.50000	0.0	0.0	0.0
	59.00000	-14.00000	0.00000	-3.3293	-0.50000	0.0	0.0	0.0
	60.00000	-14.00000	0.00000	-3.1512	-0.50000	0.0	0.0	0.0
	-20.00000	-13.00000	0.00000	-3.3262	-0.50000	0.0	0.0	0.0
	-19.00000	-13.00000	0.00000	-3.5167	-0.50000	0.0	0.0	0.0
	-18.00000	-13.00000	0.00000	-3.7171	-0.50000	0.0	0.0	0.0
	-17.00000	-13.00000	0.00000	-3.9278	-0.50000	0.0	0.0	0.0
	-16.00000	-13.00000	0.00000	-4.1491	-0.50000	0.0	0.0	0.0
	-15.00000	-13.00000	0.00000	-4.3814	-0.50000	0.0	0.0	0.0
	-14.00000	-13.00000	0.00000	-4.6250	-0.50000	0.0	0.0	0.0
	-13.00000	-13.00000	0.00000	-4.8801	-0.50000	0.0	0.0	0.0
	-12.00000	-13.00000	0.00000	-5.1471	-0.50000	0.0	0.0	0.0
	-11.00000	-13.00000	0.00000	-5.4259	-0.50000	0.0	0.0	0.0
	-10.00000	-13.00000	0.00000	-5.7167	-0.50000	0.0	0.0	0.0
	-9.00000	-13.00000	0.00000	-6.0193	-0.50000	0.0	0.0	0.0
	-8.00000	-13.00000	0.00000	-6.3339	-0.50000	0.0	0.0	0.0
	-7.00000	-13.00000	0.00000	-6.6596	-0.50000	0.0	0.0	0.0
	-6.00000	-13.00000	0.00000	-6.9961	-0.50000	0.0	0.0	0.0
	-5.00000	-13.00000	0.00000	-7.3426	-0.50000	0.0	0.0	0.0
	-4.00000	-13.00000	0.00000	-7.6980	-0.50000	0.0	0.0	0.0
	-3.00000	-13.00000	0.00000	-8.0610	-0.50000	0.0	0.0	0.0
	-2.00000	-13.00000	0.00000	-8.4299	-0.50000	0.0	0.0	0.0
	-1.00000	-13.00000	0.00000	-8.8029	-0.50000	0.0	0.0	0.0
	0.00000	-13.00000	0.00000	-9.1778	-0.50000	0.0	0.0	0.0
	1.00000	-13.00000	0.00000	-9.5522	-0.50000	0.0	0.0	0.0
	2.00000	-13.00000	0.00000	-9.9235	-0.50000	0.0	0.0	0.0
	3.00000	-13.00000	0.00000	-10.289	-0.50000	0.0	0.0	0.0
	4.00000	-13.00000	0.00000	-10.646	-0.50000	0.0	0.0	0.0
	5.00000	-13.00000	0.00000	-10.993	-0.50000	0.0	0.0	0.0
	6.00000	-13.00000	0.00000	-11.325	-0.50000	0.0	0.0	0.0
	7.00000	-13.00000	0.00000	-11.642	-0.50000	0.0	0.0	0.0
	8.00000	-13.00000	0.00000	-11.942	-0.50000	0.0	0.0	0.0
	9.00000	-13.00000	0.00000	-12.222	-0.50000	0.0	0.0	0.0
	10.00000	-13.00000	0.00000	-12.481	-0.50000	0.0	0.0	0.0
	11.00000	-13.00000	0.00000	-12.717	-0.50000	0.0	0.0	0.0
	12.00000	-13.00000	0.00000	-12.931	-0.50000	0.0	0.0	0.0
	13.00000	-13.00000	0.00000	-13.121	-0.50000	0.0	0.0	0.0
	14.00000	-13.00000	0.00000	-13.286	-0.50000	0.0	0.0	0.0
	15.00000	-13.00000	0.00000	-13.426	-0.50000	0.0	0.0	0.0
	16.00000	-13.00000	0.00000	-13.541	-0.50000	0.0	0.0	0.0
	17.00000	-13.00000	0.00000	-13.630	-0.50000	0.0	0.0	0.0
	18.00000	-13.00000	0.00000	-13.693	-0.50000	0.0	0.0	0.0
	19.00000	-13.00000	0.00000	-13.730	-0.50000	0.0	0.0	0.0
	20.00000	-13.00000	0.00000	-13.741	-0.50000	0.0	0.0	0.0
	21.00000	-13.00000	0.00000	-13.726	-0.50000	0.0	0.0	0.0
	22.00000	-13.00000	0.00000	-13.685	-0.50000	0.0	0.0	0.0
	23.00000	-13.00000	0.00000	-13.619	-0.50000	0.0	0.0	0.0
	24.00000	-13.00000	0.00000	-13.526	-0.50000	0.0	0.0	0.0
	25.00000	-13.00000	0.00000	-13.408	-0.50000	0.0	0.0	0.0
	26.00000	-13.00000	0.00000	-13.264	-0.50000	0.0	0.0	0.0
	27.00000	-13.00000	0.00000	-13.096	-0.50000	0.0	0.0	0.0
	28.00000	-13.00000	0.00000	-12.903	-0.50000	0.0	0.0	0.0
	29.00000	-13.00000	0.00000	-12.686	-0.50000	0.0	0.0	0.0
	30.00000	-13.00000	0.00000	-12.446	-0.50000	0.0	0.0	0.0
	31.00000	-13.00000	0.00000	-12.184	-0.50000	0.0	0.0	0.0
	32.00000	-13.00000	0.00000	-11.901	-0.50000	0.0	0.0	0.0
	33.00000	-13.00000	0.00000	-11.599	-0.50000	0.0	0.0	0.0
	34.00000	-13.00000	0.00000	-11.280	-0.50000	0.0	0.0	0.0
	35.00000	-13.00000	0.00000	-10.945	-0.50000	0.0	0.0	0.0
	36.00000	-13.00000	0.00000	-10.597	-0.50000	0.0	0.0	0.0
	37.00000	-13.00000	0.00000	-10.237	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
27.00000	-11.00000	0.00000	-15.489	-0.50000	0.0	0.0	0.0	
28.00000	-11.00000	0.00000	-15.253	-0.50000	0.0	0.0	0.0	
29.00000	-11.00000	0.00000	-14.983	-0.50000	0.0	0.0	0.0	
30.00000	-11.00000	0.00000	-14.686	-0.50000	0.0	0.0	0.0	
31.00000	-11.00000	0.00000	-14.360	-0.50000	0.0	0.0	0.0	
32.00000	-11.00000	0.00000	-14.006	-0.50000	0.0	0.0	0.0	
33.00000	-11.00000	0.00000	-13.628	-0.50000	0.0	0.0	0.0	
34.00000	-11.00000	0.00000	-13.226	-0.50000	0.0	0.0	0.0	
35.00000	-11.00000	0.00000	-12.803	-0.50000	0.0	0.0	0.0	
36.00000	-11.00000	0.00000	-12.363	-0.50000	0.0	0.0	0.0	
37.00000	-11.00000	0.00000	-11.909	-0.50000	0.0	0.0	0.0	
38.00000	-11.00000	0.00000	-11.445	-0.50000	0.0	0.0	0.0	
39.00000	-11.00000	0.00000	-10.975	-0.50000	0.0	0.0	0.0	
40.00000	-11.00000	0.00000	-10.503	-0.50000	0.0	0.0	0.0	
41.00000	-11.00000	0.00000	-10.033	-0.50000	0.0	0.0	0.0	
42.00000	-11.00000	0.00000	-9.5675	-0.50000	0.0	0.0	0.0	
43.00000	-11.00000	0.00000	-9.1103	-0.50000	0.0	0.0	0.0	
44.00000	-11.00000	0.00000	-8.6636	-0.50000	0.0	0.0	0.0	
45.00000	-11.00000	0.00000	-8.2296	-0.50000	0.0	0.0	0.0	
46.00000	-11.00000	0.00000	-7.8098	-0.50000	0.0	0.0	0.0	
47.00000	-11.00000	0.00000	-7.4051	-0.50000	0.0	0.0	0.0	
48.00000	-11.00000	0.00000	-7.0164	-0.50000	0.0	0.0	0.0	
49.00000	-11.00000	0.00000	-6.6440	-0.50000	0.0	0.0	0.0	
50.00000	-11.00000	0.00000	-6.2880	-0.50000	0.0	0.0	0.0	
51.00000	-11.00000	0.00000	-5.9484	-0.50000	0.0	0.0	0.0	
52.00000	-11.00000	0.00000	-5.6249	-0.50000	0.0	0.0	0.0	
53.00000	-11.00000	0.00000	-5.3172	-0.50000	0.0	0.0	0.0	
54.00000	-11.00000	0.00000	-5.0248	-0.50000	0.0	0.0	0.0	
55.00000	-11.00000	0.00000	-4.7472	-0.50000	0.0	0.0	0.0	
56.00000	-11.00000	0.00000	-4.4838	-0.50000	0.0	0.0	0.0	
57.00000	-11.00000	0.00000	-4.2343	-0.50000	0.0	0.0	0.0	
58.00000	-11.00000	0.00000	-3.9978	-0.50000	0.0	0.0	0.0	
59.00000	-11.00000	0.00000	-3.7739	-0.50000	0.0	0.0	0.0	
60.00000	-11.00000	0.00000	-3.5619	-0.50000	0.0	0.0	0.0	
-20.00000	-10.00000	0.00000	-3.7536	-0.50000	0.0	0.0	0.0	
-19.00000	-10.00000	0.00000	-3.9800	-0.50000	0.0	0.0	0.0	
-18.00000	-10.00000	0.00000	-4.2196	-0.50000	0.0	0.0	0.0	
-17.00000	-10.00000	0.00000	-4.4730	-0.50000	0.0	0.0	0.0	
-16.00000	-10.00000	0.00000	-4.7408	-0.50000	0.0	0.0	0.0	
-15.00000	-10.00000	0.00000	-5.0238	-0.50000	0.0	0.0	0.0	
-14.00000	-10.00000	0.00000	-5.3229	-0.50000	0.0	0.0	0.0	
-13.00000	-10.00000	0.00000	-5.6386	-0.50000	0.0	0.0	0.0	
-12.00000	-10.00000	0.00000	-5.9715	-0.50000	0.0	0.0	0.0	
-11.00000	-10.00000	0.00000	-6.3223	-0.50000	0.0	0.0	0.0	
-10.00000	-10.00000	0.00000	-6.6916	-0.50000	0.0	0.0	0.0	
-9.00000	-10.00000	0.00000	-7.0798	-0.50000	0.0	0.0	0.0	
-8.00000	-10.00000	0.00000	-7.4871	-0.50000	0.0	0.0	0.0	
-7.00000	-10.00000	0.00000	-7.9136	-0.50000	0.0	0.0	0.0	
-6.00000	-10.00000	0.00000	-8.3591	-0.50000	0.0	0.0	0.0	
-5.00000	-10.00000	0.00000	-8.8231	-0.50000	0.0	0.0	0.0	
-4.00000	-10.00000	0.00000	-9.3043	-0.50000	0.0	0.0	0.0	
-3.00000	-10.00000	0.00000	-9.8014	-0.50000	0.0	0.0	0.0	
-2.00000	-10.00000	0.00000	-10.312	-0.50000	0.0	0.0	0.0	
-1.00000	-10.00000	0.00000	-10.833	-0.50000	0.0	0.0	0.0	
0.00000	-10.00000	0.00000	-11.362	-0.50000	0.0	0.0	0.0	
1.00000	-10.00000	0.00000	-11.893	-0.50000	0.0	0.0	0.0	
2.00000	-10.00000	0.00000	-12.423	-0.50000	0.0	0.0	0.0	
3.00000	-10.00000	0.00000	-12.946	-0.50000	0.0	0.0	0.0	
4.00000	-10.00000	0.00000	-13.457	-0.50000	0.0	0.0	0.0	
5.00000	-10.00000	0.00000	-13.952	-0.50000	0.0	0.0	0.0	
6.00000	-10.00000	0.00000	-14.426	-0.50000	0.0	0.0	0.0	
7.00000	-10.00000	0.00000	-14.875	-0.50000	0.0	0.0	0.0	
8.00000	-10.00000	0.00000	-15.297	-0.50000	0.0	0.0	0.0	
9.00000	-10.00000	0.00000	-15.690	-0.50000	0.0	0.0	0.0	
10.00000	-10.00000	0.00000	-16.050	-0.50000	0.0	0.0	0.0	
11.00000	-10.00000	0.00000	-16.378	-0.50000	0.0	0.0	0.0	
12.00000	-10.00000	0.00000	-16.672	-0.50000	0.0	0.0	0.0	
13.00000	-10.00000	0.00000	-16.931	-0.50000	0.0	0.0	0.0	
14.00000	-10.00000	0.00000	-17.156	-0.50000	0.0	0.0	0.0	
15.00000	-10.00000	0.00000	-17.345	-0.50000	0.0	0.0	0.0	
16.00000	-10.00000	0.00000	-17.500	-0.50000	0.0	0.0	0.0	
17.00000	-10.00000	0.00000	-17.620	-0.50000	0.0	0.0	0.0	
18.00000	-10.00000	0.00000	-17.705	-0.50000	0.0	0.0	0.0	
19.00000	-10.00000	0.00000	-17.755	-0.50000	0.0	0.0	0.0	
20.00000	-10.00000	0.00000	-17.770	-0.50000	0.0	0.0	0.0	
21.00000	-10.00000	0.00000	-17.750	-0.50000	0.0	0.0	0.0	
22.00000	-10.00000	0.00000	-17.695	-0.50000	0.0	0.0	0.0	
23.00000	-10.00000	0.00000	-17.606	-0.50000	0.0	0.0	0.0	
24.00000	-10.00000	0.00000	-17.481	-0.50000	0.0	0.0	0.0	
25.00000	-10.00000	0.00000	-17.322	-0.50000	0.0	0.0	0.0	
26.00000	-10.00000	0.00000	-17.128	-0.50000	0.0	0.0	0.0	
27.00000	-10.00000	0.00000	-16.898	-0.50000	0.0	0.0	0.0	
28.00000	-10.00000	0.00000	-16.635	-0.50000	0.0	0.0	0.0	
29.00000	-10.00000	0.00000	-16.336	-0.50000	0.0	0.0	0.0	
30.00000	-10.00000	0.00000	-16.005	-0.50000	0.0	0.0	0.0	
31.00000	-10.00000	0.00000	-15.640	-0.50000	0.0	0.0	0.0	
32.00000	-10.00000	0.00000	-15.244	-0.50000	0.0	0.0	0.0	
33.00000	-10.00000	0.00000	-14.818	-0.50000	0.0	0.0	0.0	
34.00000	-10.00000	0.00000	-14.365	-0.50000	0.0	0.0	0.0	
35.00000	-10.00000	0.00000	-13.888	-0.50000	0.0	0.0	0.0	
36.00000	-10.00000	0.00000	-13.391	-0.50000	0.0	0.0	0.0	
37.00000	-10.00000	0.00000	-12.877	-0.50000	0.0	0.0	0.0	
38.00000	-10.00000	0.00000	-12.352	-0.50000	0.0	0.0	0.0	
39.00000	-10.00000	0.00000	-11.821	-0.50000	0.0	0.0	0.0	
40.00000	-10.00000	0.00000	-11.288	-0.50000	0.0	0.0	0.0	
41.00000	-10.00000	0.00000	-10.758	-0.50000	0.0	0.0	0.0	
42.00000	-10.00000	0.00000	-10.236	-0.50000	0.0	0.0	0.0	
43.00000	-10.00000	0.00000	-9.7252	-0.50000	0.0	0.0	0.0	
44.00000	-10.00000	0.00000	-9.2280	-0.50000	0.0	0.0	0.0	
45.00000	-10.00000	0.00000	-8.7470	-0.50000	0.0	0.0	0.0	
46.00000	-10.00000	0.00000	-8.2836	-0.50000	0.0	0.0	0.0	
47.00000	-10.00000	0.00000	-7.8389	-0.50000	0.0	0.0	0.0	
48.00000	-10.00000	0.00000	-7.4135	-0.50000	0.0	0.0	0.0	
49.00000	-10.00000	0.00000	-7.0075	-0.50000	0.0	0.0	0.0	
50.00000	-10.00000	0.00000	-6.6208	-0.50000	0.0	0.0	0.0	
51.00000	-10.00000	0.00000	-6.2533	-0.50000	0.0	0.0	0.0	
52.00000	-10.00000	0.00000	-5.9043	-0.50000	0.0	0.0	0.0	
53.00000	-10.00000	0.00000	-5.5733	-0.50000	0.0	0.0	0.0	
54.00000	-10.00000	0.00000	-5.2598	-0.50000	0.0	0.0	0.0	
55.00000	-10.00000	0.00000	-4.9629	-0.50000	0.0	0.0	0.0	
56.00000	-10.00000	0.00000	-4.6820	-0.50000	0.0	0.0	0.0	
57.00000	-10.00000	0.00000	-4.4164	-0.50000	0.0	0.0	0.0	
58.00000	-10.00000	0.00000	-4.1652	-0.50000	0.0	0.0	0.0	
59.00000	-10.00000	0.00000	-3.9279	-0.50000	0.0	0.0	0.0	
60.00000	-10.00000	0.00000	-3.7037	-0.50000	0.0	0.0	0.0	
-20.00000	-9.00000	0.00000	-3.9007	-0.50000	0.0	0.0	0.0	
-19.00000	-9.00000	0.00000	-4.1400	-0.50000	0.0	0.0	0.0	
-18.00000	-9.00000	0.00000	-4.3937	-0.50000	0.0	0.0	0.0	
-17.00000	-9.00000	0.00000	-4.6626	-0.50000	0.0	0.0	0.0	
-16.00000	-9.00000	0.00000	-4.9476	-0.50000	0.0	0.0	0.0	
-15.00000	-9.00000	0.00000	-5.2494	-0.50000	0.0	0.0	0.0	
-14.00000	-9.00000	0.00000	-5.5690	-0.50000	0.0	0.0	0.0	
-13.00000	-9.00000	0.00000	-5.9074	-0.50000	0.0	0.0	0.0	
-12.00000	-9.00000	0.00000	-6.2653	-0.50000	0.0	0.0	0.0	
-11.00000	-9.00000	0.00000	-6.6437	-0.50000	0.0	0.0	0.0	
-10.00000	-9.00000	0.00000	-7.0433	-0.50000	0.0	0.0	0.0	
-9.00000	-9.00000	0.00000	-7.4650	-0.50000	0.0	0.0	0.0	
-8.00000	-9.00000	0.00000	-7.9092	-0.50000	0.0	0.0	0.0	
-7.00000	-9.00000	0.00000	-8.3764	-0.50000	0.0	0.0	0.0	
-6.00000	-9.00000	0.00000	-8.8666	-0.50000	0.0	0.0	0.0	
-5.00000	-9.00000	0.00000	-9.3794	-0.50000	0.0	0.0	0.0	
-4.00000	-9.00000	0.00000	-9.9141	-0.50000	0.0	0.0	0.0	
-3.00000	-9.00000	0.00000	-10.469	-0.50000	0.0	0.0	0.0	
-2.00000	-9.00000	0.00000	-11.042	-0.50000	0.0	0.0	0.0	
-1.00000	-9.00000	0.00000	-11.629	-0.50000	0.0	0.0	0.0	
0.00000	-9.00000	0.00000	-12.227	-0.50000	0.0	0.0	0.0	
1.00000	-9.00000	0.00000	-12.830	-0.50000	0.0	0.0	0.0	
2								



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-15.00000	-7.00000	0.00000	-5.7141	-0.50000	0.0	0.0	0.0
	-14.00000	-7.00000	0.00000	-6.0781	-0.50000	0.0	0.0	0.0
	-13.00000	-7.00000	0.00000	-6.4655	-0.50000	0.0	0.0	0.0
	-12.00000	-7.00000	0.00000	-6.8780	-0.50000	0.0	0.0	0.0
	-11.00000	-7.00000	0.00000	-7.3170	-0.50000	0.0	0.0	0.0
	-10.00000	-7.00000	0.00000	-7.7841	-0.50000	0.0	0.0	0.0
	-9.00000	-7.00000	0.00000	-8.2810	-0.50000	0.0	0.0	0.0
	-8.00000	-7.00000	0.00000	-8.8091	-0.50000	0.0	0.0	0.0
	-7.00000	-7.00000	0.00000	-9.3699	-0.50000	0.0	0.0	0.0
	-6.00000	-7.00000	0.00000	-9.9645	-0.50000	0.0	0.0	0.0
	-5.00000	-7.00000	0.00000	-10.594	-0.50000	0.0	0.0	0.0
	-4.00000	-7.00000	0.00000	-11.258	-0.50000	0.0	0.0	0.0
	-3.00000	-7.00000	0.00000	-11.956	-0.50000	0.0	0.0	0.0
	-2.00000	-7.00000	0.00000	-12.685	-0.50000	0.0	0.0	0.0
	-1.00000	-7.00000	0.00000	-13.443	-0.50000	0.0	0.0	0.0
	0.00000	-7.00000	0.00000	-14.222	-0.50000	0.0	0.0	0.0
	1.00000	-7.00000	0.00000	-15.014	-0.50000	0.0	0.0	0.0
	2.00000	-7.00000	0.00000	-15.810	-0.50000	0.0	0.0	0.0
	3.00000	-7.00000	0.00000	-16.599	-0.50000	0.0	0.0	0.0
	4.00000	-7.00000	0.00000	-17.368	-0.50000	0.0	0.0	0.0
	5.00000	-7.00000	0.00000	-18.107	-0.50000	0.0	0.0	0.0
	6.00000	-7.00000	0.00000	-18.809	-0.50000	0.0	0.0	0.0
	7.00000	-7.00000	0.00000	-19.468	-0.50000	0.0	0.0	0.0
	8.00000	-7.00000	0.00000	-20.078	-0.50000	0.0	0.0	0.0
	9.00000	-7.00000	0.00000	-20.638	-0.50000	0.0	0.0	0.0
	10.00000	-7.00000	0.00000	-21.146	-0.50000	0.0	0.0	0.0
	11.00000	-7.00000	0.00000	-21.603	-0.50000	0.0	0.0	0.0
	12.00000	-7.00000	0.00000	-22.008	-0.50000	0.0	0.0	0.0
	13.00000	-7.00000	0.00000	-22.362	-0.50000	0.0	0.0	0.0
	14.00000	-7.00000	0.00000	-22.666	-0.50000	0.0	0.0	0.0
	15.00000	-7.00000	0.00000	-22.922	-0.50000	0.0	0.0	0.0
	16.00000	-7.00000	0.00000	-23.129	-0.50000	0.0	0.0	0.0
	17.00000	-7.00000	0.00000	-23.288	-0.50000	0.0	0.0	0.0
	18.00000	-7.00000	0.00000	-23.401	-0.50000	0.0	0.0	0.0
	19.00000	-7.00000	0.00000	-23.467	-0.50000	0.0	0.0	0.0
	20.00000	-7.00000	0.00000	-23.487	-0.50000	0.0	0.0	0.0
	21.00000	-7.00000	0.00000	-23.461	-0.50000	0.0	0.0	0.0
	22.00000	-7.00000	0.00000	-23.388	-0.50000	0.0	0.0	0.0
	23.00000	-7.00000	0.00000	-23.269	-0.50000	0.0	0.0	0.0
	24.00000	-7.00000	0.00000	-23.104	-0.50000	0.0	0.0	0.0
	25.00000	-7.00000	0.00000	-22.890	-0.50000	0.0	0.0	0.0
	26.00000	-7.00000	0.00000	-22.629	-0.50000	0.0	0.0	0.0
	27.00000	-7.00000	0.00000	-22.319	-0.50000	0.0	0.0	0.0
	28.00000	-7.00000	0.00000	-21.958	-0.50000	0.0	0.0	0.0
	29.00000	-7.00000	0.00000	-21.547	-0.50000	0.0	0.0	0.0
	30.00000	-7.00000	0.00000	-21.085	-0.50000	0.0	0.0	0.0
	31.00000	-7.00000	0.00000	-20.571	-0.50000	0.0	0.0	0.0
	32.00000	-7.00000	0.00000	-20.006	-0.50000	0.0	0.0	0.0
	33.00000	-7.00000	0.00000	-19.391	-0.50000	0.0	0.0	0.0
	34.00000	-7.00000	0.00000	-18.728	-0.50000	0.0	0.0	0.0
	35.00000	-7.00000	0.00000	-18.022	-0.50000	0.0	0.0	0.0
	36.00000	-7.00000	0.00000	-17.279	-0.50000	0.0	0.0	0.0
	37.00000	-7.00000	0.00000	-16.506	-0.50000	0.0	0.0	0.0
	38.00000	-7.00000	0.00000	-15.715	-0.50000	0.0	0.0	0.0
	39.00000	-7.00000	0.00000	-14.917	-0.50000	0.0	0.0	0.0
	40.00000	-7.00000	0.00000	-14.122	-0.50000	0.0	0.0	0.0
	41.00000	-7.00000	0.00000	-13.342	-0.50000	0.0	0.0	0.0
	42.00000	-7.00000	0.00000	-12.584	-0.50000	0.0	0.0	0.0
	43.00000	-7.00000	0.00000	-11.854	-0.50000	0.0	0.0	0.0
	44.00000	-7.00000	0.00000	-11.156	-0.50000	0.0	0.0	0.0
	45.00000	-7.00000	0.00000	-10.493	-0.50000	0.0	0.0	0.0
	46.00000	-7.00000	0.00000	-9.8649	-0.50000	0.0	0.0	0.0
	47.00000	-7.00000	0.00000	-9.2718	-0.50000	0.0	0.0	0.0
	48.00000	-7.00000	0.00000	-8.7129	-0.50000	0.0	0.0	0.0
	49.00000	-7.00000	0.00000	-8.1870	-0.50000	0.0	0.0	0.0
	50.00000	-7.00000	0.00000	-7.6926	-0.50000	0.0	0.0	0.0
	51.00000	-7.00000	0.00000	-7.2282	-0.50000	0.0	0.0	0.0
	52.00000	-7.00000	0.00000	-6.7921	-0.50000	0.0	0.0	0.0
	53.00000	-7.00000	0.00000	-6.3826	-0.50000	0.0	0.0	0.0
	54.00000	-7.00000	0.00000	-5.9983	-0.50000	0.0	0.0	0.0
	55.00000	-7.00000	0.00000	-5.6375	-0.50000	0.0	0.0	0.0
	56.00000	-7.00000	0.00000	-5.2988	-0.50000	0.0	0.0	0.0
	57.00000	-7.00000	0.00000	-4.9809	-0.50000	0.0	0.0	0.0
	58.00000	-7.00000	0.00000	-4.6823	-0.50000	0.0	0.0	0.0
	59.00000	-7.00000	0.00000	-4.4020	-0.50000	0.0	0.0	0.0
	60.00000	-7.00000	0.00000	-4.1387	-0.50000	0.0	0.0	0.0
	-20.00000	-6.00000	0.00000	-4.3501	-0.50000	0.0	0.0	0.0
	-19.00000	-6.00000	0.00000	-4.6306	-0.50000	0.0	0.0	0.0
	-18.00000	-6.00000	0.00000	-4.9296	-0.50000	0.0	0.0	0.0
	-17.00000	-6.00000	0.00000	-5.2485	-0.50000	0.0	0.0	0.0
	-16.00000	-6.00000	0.00000	-5.5888	-0.50000	0.0	0.0	0.0
	-15.00000	-6.00000	0.00000	-5.9519	-0.50000	0.0	0.0	0.0
	-14.00000	-6.00000	0.00000	-6.3394	-0.50000	0.0	0.0	0.0
	-13.00000	-6.00000	0.00000	-6.7532	-0.50000	0.0	0.0	0.0
	-12.00000	-6.00000	0.00000	-7.1951	-0.50000	0.0	0.0	0.0
	-11.00000	-6.00000	0.00000	-7.6671	-0.50000	0.0	0.0	0.0
	-10.00000	-6.00000	0.00000	-8.1713	-0.50000	0.0	0.0	0.0
	-9.00000	-6.00000	0.00000	-8.7099	-0.50000	0.0	0.0	0.0
	-8.00000	-6.00000	0.00000	-9.2852	-0.50000	0.0	0.0	0.0
	-7.00000	-6.00000	0.00000	-9.8994	-0.50000	0.0	0.0	0.0
	-6.00000	-6.00000	0.00000	-10.555	-0.50000	0.0	0.0	0.0
	-5.00000	-6.00000	0.00000	-11.253	-0.50000	0.0	0.0	0.0
	-4.00000	-6.00000	0.00000	-11.995	-0.50000	0.0	0.0	0.0
	-3.00000	-6.00000	0.00000	-12.781	-0.50000	0.0	0.0	0.0
	-2.00000	-6.00000	0.00000	-13.610	-0.50000	0.0	0.0	0.0
	-1.00000	-6.00000	0.00000	-14.478	-0.50000	0.0	0.0	0.0
	0.00000	-6.00000	0.00000	-15.378	-0.50000	0.0	0.0	0.0
	1.00000	-6.00000	0.00000	-16.299	-0.50000	0.0	0.0	0.0
	2.00000	-6.00000	0.00000	-17.228	-0.50000	0.0	0.0	0.0
	3.00000	-6.00000	0.00000	-18.149	-0.50000	0.0	0.0	0.0
	4.00000	-6.00000	0.00000	-19.046	-0.50000	0.0	0.0	0.0
	5.00000	-6.00000	0.00000	-19.904	-0.50000	0.0	0.0	0.0
	6.00000	-6.00000	0.00000	-20.714	-0.50000	0.0	0.0	0.0
	7.00000	-6.00000	0.00000	-21.468	-0.50000	0.0	0.0	0.0
	8.00000	-6.00000	0.00000	-22.162	-0.50000	0.0	0.0	0.0
	9.00000	-6.00000	0.00000	-22.794	-0.50000	0.0	0.0	0.0
	10.00000	-6.00000	0.00000	-23.365	-0.50000	0.0	0.0	0.0
	11.00000	-6.00000	0.00000	-23.875	-0.50000	0.0	0.0	0.0
	12.00000	-6.00000	0.00000	-24.325	-0.50000	0.0	0.0	0.0
	13.00000	-6.00000	0.00000	-24.717	-0.50000	0.0	0.0	0.0
	14.00000	-6.00000	0.00000	-25.053	-0.50000	0.0	0.0	0.0
	15.00000	-6.00000	0.00000	-25.334	-0.50000	0.0	0.0	0.0
	16.00000	-6.00000	0.00000	-25.561	-0.50000	0.0	0.0	0.0
	17.00000	-6.00000	0.00000	-25.736	-0.50000	0.0	0.0	0.0
	18.00000	-6.00000	0.00000	-25.859	-0.50000	0.0	0.0	0.0
	19.00000	-6.00000	0.00000	-25.932	-0.50000	0.0	0.0	0.0
	20.00000	-6.00000	0.00000	-25.954	-0.50000	0.0	0.0	0.0
	21.00000	-6.00000	0.00000	-25.925	-0.50000	0.0	0.0	0.0
	22.00000	-6.00000	0.00000	-25.846	-0.50000	0.0	0.0	0.0
	23.00000	-6.00000	0.00000	-25.716	-0.50000	0.0	0.0	0.0
	24.00000	-6.00000	0.00000	-25.534	-0.50000	0.0	0.0	0.0
	25.00000	-6.00000	0.00000	-25.300	-0.50000	0.0	0.0	0.0
	26.00000	-6.00000	0.00000	-25.012	-0.50000	0.0	0.0	0.0
	27.00000	-6.00000	0.00000	-24.670	-0.50000	0.0	0.0	0.0
	28.00000	-6.00000	0.00000	-24.271	-0.50000	0.0	0.0	0.0
	29.00000	-6.00000	0.00000	-23.814	-0.50000	0.0	0.0	0.0
	30.00000	-6.00000	0.00000	-23.298	-0.50000	0.0	0.0	0.0
	31.00000	-6.00000	0.00000	-22.721	-0.50000	0.0	0.0	0.0
	32.00000	-6.00000	0.00000	-22.083	-0.50000	0.0	0.0	0.0
	33.00000	-6.00000	0.00000	-21.382	-0.50000	0.0	0.0	0.0
	34.00000	-6.00000	0.00000	-20.624	-0.50000	0.0	0.0	0.0
	35.00000	-6.00000	0.00000	-19.810	-0.50000	0.0	0.0	0.0
	36.00000	-6.00000	0.0					



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Vert Strain [-]
24.00000	-4.00000	0.00000	-31.685	-0.50000	0.0	0.0	0.0	0.0
25.00000	-4.00000	0.00000	-31.406	-0.50000	0.0	0.0	0.0	0.0
26.00000	-4.00000	0.00000	-31.060	-0.50000	0.0	0.0	0.0	0.0
27.00000	-4.00000	0.00000	-30.646	-0.50000	0.0	0.0	0.0	0.0
28.00000	-4.00000	0.00000	-30.160	-0.50000	0.0	0.0	0.0	0.0
29.00000	-4.00000	0.00000	-29.598	-0.50000	0.0	0.0	0.0	0.0
30.00000	-4.00000	0.00000	-28.957	-0.50000	0.0	0.0	0.0	0.0
31.00000	-4.00000	0.00000	-28.231	-0.50000	0.0	0.0	0.0	0.0
32.00000	-4.00000	0.00000	-27.415	-0.50000	0.0	0.0	0.0	0.0
33.00000	-4.00000	0.00000	-26.504	-0.50000	0.0	0.0	0.0	0.0
34.00000	-4.00000	0.00000	-25.495	-0.50000	0.0	0.0	0.0	0.0
35.00000	-4.00000	0.00000	-24.388	-0.50000	0.0	0.0	0.0	0.0
36.00000	-4.00000	0.00000	-23.189	-0.50000	0.0	0.0	0.0	0.0
37.00000	-4.00000	0.00000	-21.913	-0.50000	0.0	0.0	0.0	0.0
38.00000	-4.00000	0.00000	-20.591	-0.50000	0.0	0.0	0.0	0.0
39.00000	-4.00000	0.00000	-19.260	-0.50000	0.0	0.0	0.0	0.0
40.00000	-4.00000	0.00000	-17.960	-0.50000	0.0	0.0	0.0	0.0
41.00000	-4.00000	0.00000	-16.718	-0.50000	0.0	0.0	0.0	0.0
42.00000	-4.00000	0.00000	-15.552	-0.50000	0.0	0.0	0.0	0.0
43.00000	-4.00000	0.00000	-14.467	-0.50000	0.0	0.0	0.0	0.0
44.00000	-4.00000	0.00000	-13.462	-0.50000	0.0	0.0	0.0	0.0
45.00000	-4.00000	0.00000	-12.534	-0.50000	0.0	0.0	0.0	0.0
46.00000	-4.00000	0.00000	-11.677	-0.50000	0.0	0.0	0.0	0.0
47.00000	-4.00000	0.00000	-10.886	-0.50000	0.0	0.0	0.0	0.0
48.00000	-4.00000	0.00000	-10.155	-0.50000	0.0	0.0	0.0	0.0
49.00000	-4.00000	0.00000	-9.4789	-0.50000	0.0	0.0	0.0	0.0
50.00000	-4.00000	0.00000	-8.8530	-0.50000	0.0	0.0	0.0	0.0
51.00000	-4.00000	0.00000	-8.2728	-0.50000	0.0	0.0	0.0	0.0
52.00000	-4.00000	0.00000	-7.7345	-0.50000	0.0	0.0	0.0	0.0
53.00000	-4.00000	0.00000	-7.2346	-0.50000	0.0	0.0	0.0	0.0
54.00000	-4.00000	0.00000	-6.7698	-0.50000	0.0	0.0	0.0	0.0
55.00000	-4.00000	0.00000	-6.3374	-0.50000	0.0	0.0	0.0	0.0
56.00000	-4.00000	0.00000	-5.9348	-0.50000	0.0	0.0	0.0	0.0
57.00000	-4.00000	0.00000	-5.5595	-0.50000	0.0	0.0	0.0	0.0
58.00000	-4.00000	0.00000	-5.2095	-0.50000	0.0	0.0	0.0	0.0
59.00000	-4.00000	0.00000	-4.8828	-0.50000	0.0	0.0	0.0	0.0
60.00000	-4.00000	0.00000	-4.5778	-0.50000	0.0	0.0	0.0	0.0
-20.00000	-3.00000	0.00000	-4.8008	-0.50000	0.0	0.0	0.0	0.0
-19.00000	-3.00000	0.00000	-5.1248	-0.50000	0.0	0.0	0.0	0.0
-18.00000	-3.00000	0.00000	-5.4722	-0.50000	0.0	0.0	0.0	0.0
-17.00000	-3.00000	0.00000	-5.8450	-0.50000	0.0	0.0	0.0	0.0
-16.00000	-3.00000	0.00000	-6.2453	-0.50000	0.0	0.0	0.0	0.0
-15.00000	-3.00000	0.00000	-6.6756	-0.50000	0.0	0.0	0.0	0.0
-14.00000	-3.00000	0.00000	-7.1384	-0.50000	0.0	0.0	0.0	0.0
-13.00000	-3.00000	0.00000	-7.6369	-0.50000	0.0	0.0	0.0	0.0
-12.00000	-3.00000	0.00000	-8.1744	-0.50000	0.0	0.0	0.0	0.0
-11.00000	-3.00000	0.00000	-8.7546	-0.50000	0.0	0.0	0.0	0.0
-10.00000	-3.00000	0.00000	-9.3818	-0.50000	0.0	0.0	0.0	0.0
-9.00000	-3.00000	0.00000	-10.061	-0.50000	0.0	0.0	0.0	0.0
-8.00000	-3.00000	0.00000	-10.798	-0.50000	0.0	0.0	0.0	0.0
-7.00000	-3.00000	0.00000	-11.598	-0.50000	0.0	0.0	0.0	0.0
-6.00000	-3.00000	0.00000	-12.470	-0.50000	0.0	0.0	0.0	0.0
-5.00000	-3.00000	0.00000	-13.422	-0.50000	0.0	0.0	0.0	0.0
-4.00000	-3.00000	0.00000	-14.462	-0.50000	0.0	0.0	0.0	0.0
-3.00000	-3.00000	0.00000	-15.602	-0.50000	0.0	0.0	0.0	0.0
-2.00000	-3.00000	0.00000	-16.851	-0.50000	0.0	0.0	0.0	0.0
-1.00000	-3.00000	0.00000	-18.218	-0.50000	0.0	0.0	0.0	0.0
0.00000	-3.00000	0.00000	-19.703	-0.50000	0.0	0.0	0.0	0.0
1.00000	-3.00000	0.00000	-21.292	-0.50000	0.0	0.0	0.0	0.0
2.00000	-3.00000	0.00000	-22.941	-0.50000	0.0	0.0	0.0	0.0
3.00000	-3.00000	0.00000	-24.580	-0.50000	0.0	0.0	0.0	0.0
4.00000	-3.00000	0.00000	-26.140	-0.50000	0.0	0.0	0.0	0.0
5.00000	-3.00000	0.00000	-27.577	-0.50000	0.0	0.0	0.0	0.0
6.00000	-3.00000	0.00000	-28.876	-0.50000	0.0	0.0	0.0	0.0
7.00000	-3.00000	0.00000	-30.038	-0.50000	0.0	0.0	0.0	0.0
8.00000	-3.00000	0.00000	-31.070	-0.50000	0.0	0.0	0.0	0.0
9.00000	-3.00000	0.00000	-31.983	-0.50000	0.0	0.0	0.0	0.0
10.00000	-3.00000	0.00000	-32.787	-0.50000	0.0	0.0	0.0	0.0
11.00000	-3.00000	0.00000	-33.490	-0.50000	0.0	0.0	0.0	0.0
12.00000	-3.00000	0.00000	-34.101	-0.50000	0.0	0.0	0.0	0.0
13.00000	-3.00000	0.00000	-34.625	-0.50000	0.0	0.0	0.0	0.0
14.00000	-3.00000	0.00000	-35.069	-0.50000	0.0	0.0	0.0	0.0
15.00000	-3.00000	0.00000	-35.437	-0.50000	0.0	0.0	0.0	0.0
16.00000	-3.00000	0.00000	-35.732	-0.50000	0.0	0.0	0.0	0.0
17.00000	-3.00000	0.00000	-35.958	-0.50000	0.0	0.0	0.0	0.0
18.00000	-3.00000	0.00000	-36.117	-0.50000	0.0	0.0	0.0	0.0
19.00000	-3.00000	0.00000	-36.209	-0.50000	0.0	0.0	0.0	0.0
20.00000	-3.00000	0.00000	-36.237	-0.50000	0.0	0.0	0.0	0.0
21.00000	-3.00000	0.00000	-36.200	-0.50000	0.0	0.0	0.0	0.0
22.00000	-3.00000	0.00000	-36.099	-0.50000	0.0	0.0	0.0	0.0
23.00000	-3.00000	0.00000	-35.931	-0.50000	0.0	0.0	0.0	0.0
24.00000	-3.00000	0.00000	-35.696	-0.50000	0.0	0.0	0.0	0.0
25.00000	-3.00000	0.00000	-35.392	-0.50000	0.0	0.0	0.0	0.0
26.00000	-3.00000	0.00000	-35.015	-0.50000	0.0	0.0	0.0	0.0
27.00000	-3.00000	0.00000	-34.562	-0.50000	0.0	0.0	0.0	0.0
28.00000	-3.00000	0.00000	-34.029	-0.50000	0.0	0.0	0.0	0.0
29.00000	-3.00000	0.00000	-33.409	-0.50000	0.0	0.0	0.0	0.0
30.00000	-3.00000	0.00000	-32.697	-0.50000	0.0	0.0	0.0	0.0
31.00000	-3.00000	0.00000	-31.884	-0.50000	0.0	0.0	0.0	0.0
32.00000	-3.00000	0.00000	-30.963	-0.50000	0.0	0.0	0.0	0.0
33.00000	-3.00000	0.00000	-29.922	-0.50000	0.0	0.0	0.0	0.0
34.00000	-3.00000	0.00000	-28.753	-0.50000	0.0	0.0	0.0	0.0
35.00000	-3.00000	0.00000	-27.447	-0.50000	0.0	0.0	0.0	0.0
36.00000	-3.00000	0.00000	-26.004	-0.50000	0.0	0.0	0.0	0.0
37.00000	-3.00000	0.00000	-24.439	-0.50000	0.0	0.0	0.0	0.0
38.00000	-3.00000	0.00000	-22.795	-0.50000	0.0	0.0	0.0	0.0
39.00000	-3.00000	0.00000	-21.142	-0.50000	0.0	0.0	0.0	0.0
40.00000	-3.00000	0.00000	-19.551	-0.50000	0.0	0.0	0.0	0.0
41.00000	-3.00000	0.00000	-18.064	-0.50000	0.0	0.0	0.0	0.0
42.00000	-3.00000	0.00000	-16.697	-0.50000	0.0	0.0	0.0	0.0
43.00000	-3.00000	0.00000	-15.448	-0.50000	0.0	0.0	0.0	0.0
44.00000	-3.00000	0.00000	-14.310	-0.50000	0.0	0.0	0.0	0.0
45.00000	-3.00000	0.00000	-13.272	-0.50000	0.0	0.0	0.0	0.0
46.00000	-3.00000	0.00000	-12.323	-0.50000	0.0	0.0	0.0	0.0
47.00000	-3.00000	0.00000	-11.455	-0.50000	0.0	0.0	0.0	0.0
48.00000	-3.00000	0.00000	-10.558	-0.50000	0.0	0.0	0.0	0.0
49.00000	-3.00000	0.00000	-9.6258	-0.50000	0.0	0.0	0.0	0.0
50.00000	-3.00000	0.00000	-8.6514	-0.50000	0.0	0.0	0.0	0.0
51.00000	-3.00000	0.00000	-7.6292	-0.50000	0.0	0.0	0.0	0.0
52.00000	-3.00000	0.00000	-6.5517	-0.50000	0.0	0.0	0.0	0.0
53.00000	-3.00000	0.00000	-5.4168	-0.50000	0.0	0.0	0.0	0.0
54.00000	-3.00000	0.00000	-4.2325	-0.50000	0.0	0.0	0.0	0.0
55.00000	-3.00000	0.00000	-3.0000	-0.50000	0.0	0.0	0.0	0.0
56.00000	-3.00000	0.00000	-1.7222	-0.50000	0.0	0.0	0.0	0.0
57.00000	-3.00000	0.00000	-0.4951	-0.50000	0.0	0.0	0.0	0.0
58.00000	-3.00000	0.00000	0.7841	-0.50000	0.0	0.0	0.0	0.0
59.00000	-3.00000	0.00000	2.0646	-0.50000	0.0	0.0	0.0	0.0
60.00000	-3.00000	0.00000	3.3424	-0.50000	0.0	0.0	0.0	0.0
-20.00000	-2.00000	0.00000	4.6185	-0.50000	0.0	0.0	0.0	0.0
-19.00000	-2.00000	0.00000	5.8972	-0.50000	0.0	0.0	0.0	0.0
-18.00000	-2.00000	0.00000	7.1771	-0.50000	0.0	0.0	0.0	0.0
-17.00000	-2.00000	0.00000	8.4585	-0.50000	0.0	0.0	0.0	0.0
-16.00000	-2.00000	0.00000	9.7415	-0.50000	0.0	0.0	0.0	0.0
-15.00000	-2.00000	0.00000	11.0261	-0.50000	0.0	0.0	0.0	0.0
-14.00000	-2.00000	0.00000	12.3123	-0.50000	0.0	0.0	0.0	0.0
-13.00000	-2.00000	0.00000	13.6001	-0.50000	0.0	0.0	0.0	0.0
-12.00000	-2.00000	0.00000	14.8894	-0.50000				



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-18.00000	0.00000	0.00000	-6.0004	-0.50000	0.0	0.0	0.0
	-17.00000	0.00000	0.00000	-6.4282	-0.50000	0.0	0.0	0.0
	-16.00000	0.00000	0.00000	-6.8904	-0.50000	0.0	0.0	0.0
	-15.00000	0.00000	0.00000	-7.3903	-0.50000	0.0	0.0	0.0
	-14.00000	0.00000	0.00000	-7.9319	-0.50000	0.0	0.0	0.0
	-13.00000	0.00000	0.00000	-8.5197	-0.50000	0.0	0.0	0.0
	-12.00000	0.00000	0.00000	-9.1589	-0.50000	0.0	0.0	0.0
	-11.00000	0.00000	0.00000	-9.8556	-0.50000	0.0	0.0	0.0
	-10.00000	0.00000	0.00000	-10.617	-0.50000	0.0	0.0	0.0
	-9.00000	0.00000	0.00000	-11.452	-0.50000	0.0	0.0	0.0
	-8.00000	0.00000	0.00000	-12.370	-0.50000	0.0	0.0	0.0
	-7.00000	0.00000	0.00000	-13.385	-0.50000	0.0	0.0	0.0
	-6.00000	0.00000	0.00000	-14.514	-0.50000	0.0	0.0	0.0
	-5.00000	0.00000	0.00000	-15.776	-0.50000	0.0	0.0	0.0
	-4.00000	0.00000	0.00000	-17.200	-0.50000	0.0	0.0	0.0
	-3.00000	0.00000	0.00000	-18.824	-0.50000	0.0	0.0	0.0
	-2.00000	0.00000	0.00000	-20.704	-0.50000	0.0	0.0	0.0
	-1.00000	0.00000	0.00000	-22.929	-0.50000	0.0	0.0	0.0
	0.00000	0.00000	0.00000	-25.650	-0.50000	0.0	0.0	0.0
	1.00000	0.00000	0.00000	-29.195	-0.50000	0.0	0.0	0.0
	2.00000	0.00000	0.00000	-35.233	-0.50000	0.0	0.0	0.0
	3.00000	0.00000	0.00000	-41.261	-0.50000	0.0	0.0	0.0
	4.00000	0.00000	0.00000	-44.771	-0.50000	0.0	0.0	0.0
	5.00000	0.00000	0.00000	-47.436	-0.50000	0.0	0.0	0.0
	6.00000	0.00000	0.00000	-49.581	-0.50000	0.0	0.0	0.0
	7.00000	0.00000	0.00000	-51.359	-0.50000	0.0	0.0	0.0
	8.00000	0.00000	0.00000	-52.859	-0.50000	0.0	0.0	0.0
	9.00000	0.00000	0.00000	-54.135	-0.50000	0.0	0.0	0.0
	10.00000	0.00000	0.00000	-55.226	-0.50000	0.0	0.0	0.0
	11.00000	0.00000	0.00000	-56.158	-0.50000	0.0	0.0	0.0
	12.00000	0.00000	0.00000	-56.955	-0.50000	0.0	0.0	0.0
	13.00000	0.00000	0.00000	-57.629	-0.50000	0.0	0.0	0.0
	14.00000	0.00000	0.00000	-58.193	-0.50000	0.0	0.0	0.0
	15.00000	0.00000	0.00000	-58.656	-0.50000	0.0	0.0	0.0
	16.00000	0.00000	0.00000	-59.026	-0.50000	0.0	0.0	0.0
	17.00000	0.00000	0.00000	-59.307	-0.50000	0.0	0.0	0.0
	18.00000	0.00000	0.00000	-59.503	-0.50000	0.0	0.0	0.0
	19.00000	0.00000	0.00000	-59.618	-0.50000	0.0	0.0	0.0
	20.00000	0.00000	0.00000	-59.652	-0.50000	0.0	0.0	0.0
	21.00000	0.00000	0.00000	-59.607	-0.50000	0.0	0.0	0.0
	22.00000	0.00000	0.00000	-59.480	-0.50000	0.0	0.0	0.0
	23.00000	0.00000	0.00000	-59.272	-0.50000	0.0	0.0	0.0
	24.00000	0.00000	0.00000	-58.979	-0.50000	0.0	0.0	0.0
	25.00000	0.00000	0.00000	-58.598	-0.50000	0.0	0.0	0.0
	26.00000	0.00000	0.00000	-58.122	-0.50000	0.0	0.0	0.0
	27.00000	0.00000	0.00000	-57.545	-0.50000	0.0	0.0	0.0
	28.00000	0.00000	0.00000	-56.858	-0.50000	0.0	0.0	0.0
	29.00000	0.00000	0.00000	-56.049	-0.50000	0.0	0.0	0.0
	30.00000	0.00000	0.00000	-55.103	-0.50000	0.0	0.0	0.0
	31.00000	0.00000	0.00000	-53.999	-0.50000	0.0	0.0	0.0
	32.00000	0.00000	0.00000	-52.710	-0.50000	0.0	0.0	0.0
	33.00000	0.00000	0.00000	-51.199	-0.50000	0.0	0.0	0.0
	34.00000	0.00000	0.00000	-49.409	-0.50000	0.0	0.0	0.0
	35.00000	0.00000	0.00000	-47.253	-0.50000	0.0	0.0	0.0
	36.00000	0.00000	0.00000	-44.579	-0.50000	0.0	0.0	0.0
	37.00000	0.00000	0.00000	-41.060	-0.50000	0.0	0.0	0.0
	38.00000	0.00000	0.00000	-35.026	-0.50000	0.0	0.0	0.0
	39.00000	0.00000	0.00000	-28.983	-0.50000	0.0	0.0	0.0
	40.00000	0.00000	0.00000	-25.435	-0.50000	0.0	0.0	0.0
	41.00000	0.00000	0.00000	-22.712	-0.50000	0.0	0.0	0.0
	42.00000	0.00000	0.00000	-20.488	-0.50000	0.0	0.0	0.0
	43.00000	0.00000	0.00000	-18.609	-0.50000	0.0	0.0	0.0
	44.00000	0.00000	0.00000	-16.988	-0.50000	0.0	0.0	0.0
	45.00000	0.00000	0.00000	-15.569	-0.50000	0.0	0.0	0.0
	46.00000	0.00000	0.00000	-14.312	-0.50000	0.0	0.0	0.0
	47.00000	0.00000	0.00000	-13.190	-0.50000	0.0	0.0	0.0
	48.00000	0.00000	0.00000	-12.182	-0.50000	0.0	0.0	0.0
	49.00000	0.00000	0.00000	-11.272	-0.50000	0.0	0.0	0.0
	50.00000	0.00000	0.00000	-10.445	-0.50000	0.0	0.0	0.0
	51.00000	0.00000	0.00000	-9.6921	-0.50000	0.0	0.0	0.0
	52.00000	0.00000	0.00000	-9.0038	-0.50000	0.0	0.0	0.0
	53.00000	0.00000	0.00000	-8.3730	-0.50000	0.0	0.0	0.0
	54.00000	0.00000	0.00000	-7.7935	-0.50000	0.0	0.0	0.0
	55.00000	0.00000	0.00000	-7.2600	-0.50000	0.0	0.0	0.0
	56.00000	0.00000	0.00000	-6.7679	-0.50000	0.0	0.0	0.0
	57.00000	0.00000	0.00000	-6.3133	-0.50000	0.0	0.0	0.0
	58.00000	0.00000	0.00000	-5.8927	-0.50000	0.0	0.0	0.0
	59.00000	0.00000	0.00000	-5.5030	-0.50000	0.0	0.0	0.0
	60.00000	0.00000	0.00000	-5.1416	-0.50000	0.0	0.0	0.0
	-20.00000	1.00000	0.00000	-5.3740	-0.50000	0.0	0.0	0.0
	-19.00000	1.00000	0.00000	-5.7563	-0.50000	0.0	0.0	0.0
	-18.00000	1.00000	0.00000	-6.1690	-0.50000	0.0	0.0	0.0
	-17.00000	1.00000	0.00000	-6.6149	-0.50000	0.0	0.0	0.0
	-16.00000	1.00000	0.00000	-7.0975	-0.50000	0.0	0.0	0.0
	-15.00000	1.00000	0.00000	-7.6204	-0.50000	0.0	0.0	0.0
	-14.00000	1.00000	0.00000	-8.1881	-0.50000	0.0	0.0	0.0
	-13.00000	1.00000	0.00000	-8.8056	-0.50000	0.0	0.0	0.0
	-12.00000	1.00000	0.00000	-9.4787	-0.50000	0.0	0.0	0.0
	-11.00000	1.00000	0.00000	-10.214	-0.50000	0.0	0.0	0.0
	-10.00000	1.00000	0.00000	-11.021	-0.50000	0.0	0.0	0.0
	-9.00000	1.00000	0.00000	-11.908	-0.50000	0.0	0.0	0.0
	-8.00000	1.00000	0.00000	-12.888	-0.50000	0.0	0.0	0.0
	-7.00000	1.00000	0.00000	-13.976	-0.50000	0.0	0.0	0.0
	-6.00000	1.00000	0.00000	-15.191	-0.50000	0.0	0.0	0.0
	-5.00000	1.00000	0.00000	-16.560	-0.50000	0.0	0.0	0.0
	-4.00000	1.00000	0.00000	-18.117	-0.50000	0.0	0.0	0.0
	-3.00000	1.00000	0.00000	-19.912	-0.50000	0.0	0.0	0.0
	-2.00000	1.00000	0.00000	-22.020	-0.50000	0.0	0.0	0.0
	-1.00000	1.00000	0.00000	-24.566	-0.50000	0.0	0.0	0.0
	0.00000	1.00000	0.00000	-27.783	-0.50000	0.0	0.0	0.0
	1.00000	1.00000	0.00000	-32.236	-0.50000	0.0	0.0	0.0
	2.00000	1.00000	0.00000	-41.258	-0.50000	0.0	0.0	0.0
	3.00000	1.00000	0.00000	-50.268	-0.50000	0.0	0.0	0.0
	4.00000	1.00000	0.00000	-54.685	-0.50000	0.0	0.0	0.0
	5.00000	1.00000	0.00000	-57.842	-0.50000	0.0	0.0	0.0
	6.00000	1.00000	0.00000	-60.304	-0.50000	0.0	0.0	0.0
	7.00000	1.00000	0.00000	-62.304	-0.50000	0.0	0.0	0.0
	8.00000	1.00000	0.00000	-63.967	-0.50000	0.0	0.0	0.0
	9.00000	1.00000	0.00000	-65.368	-0.50000	0.0	0.0	0.0
	10.00000	1.00000	0.00000	-66.557	-0.50000	0.0	0.0	0.0
	11.00000	1.00000	0.00000	-67.568	-0.50000	0.0	0.0	0.0
	12.00000	1.00000	0.00000	-68.426	-0.50000	0.0	0.0	0.0
	13.00000	1.00000	0.00000	-69.151	-0.50000	0.0	0.0	0.0
	14.00000	1.00000	0.00000	-69.755	-0.50000	0.0	0.0	0.0
	15.00000	1.00000	0.00000	-70.250	-0.50000	0.0	0.0	0.0
	16.00000	1.00000	0.00000	-70.644	-0.50000	0.0	0.0	0.0
	17.00000	1.00000	0.00000	-70.943	-0.50000	0.0	0.0	0.0
	18.00000	1.00000	0.00000	-71.152	-0.50000	0.0	0.0	0.0
	19.00000	1.00000	0.00000	-71.274	-0.50000	0.0	0.0	0.0
	20.00000	1.00000	0.00000	-71.310	-0.50000	0.0	0.0	0.0
	21.00000	1.00000	0.00000	-71.262	-0.50000	0.0	0.0	0.0
	22.00000	1.00000	0.00000	-71.127	-0.50000	0.0	0.0	0.0
	23.00000	1.00000	0.00000	-70.906	-0.50000	0.0	0.0	0.0
	24.00000	1.00000	0.00000	-70.594	-0.50000	0.0	0.0	0.0
	25.00000	1.00000	0.00000	-70.186	-0.50000	0.0	0.0	0.0
	26.00000	1.00000	0.00000	-69.678	-0.50000	0.0	0.0	0.0
	27.00000	1.00000	0.00000	-69.059	-0.50000	0.0	0.0	0.0
	28.00000	1.00000	0.00000	-68.321	-0.50000	0.0	0.0	0.0
	29.00000	1.00000	0.00000	-67.448	-0.50000	0.0	0.0	0.0
	30.00000	1.00000	0.00000	-66.422	-0.50000	0.0	0.0	0.0
	31.00000	1.00000	0.00000	-65.218	-0.50000	0.0	0.0	0.0
	32.00000	1.00000	0.00000	-63.802	-0.50000	0.0	0.0	0.0
	33.00000	1.00000	0.00000					



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	21.00000	3.00000	0.00000	-82.821	-0.50000	0.0	0.0	0.0
	22.00000	3.00000	0.00000	-82.572	-0.50000	0.0	0.0	0.0
	23.00000	3.00000	0.00000	-82.424	-0.50000	0.0	0.0	0.0
	24.00000	3.00000	0.00000	-82.075	-0.50000	0.0	0.0	0.0
	25.00000	3.00000	0.00000	-81.618	-0.50000	0.0	0.0	0.0
	26.00000	3.00000	0.00000	-81.946	-0.50000	0.0	0.0	0.0
	27.00000	3.00000	0.00000	-80.349	-0.50000	0.0	0.0	0.0
	28.00000	3.00000	0.00000	-79.512	-0.50000	0.0	0.0	0.0
	29.00000	3.00000	0.00000	-78.517	-0.50000	0.0	0.0	0.0
	30.00000	3.00000	0.00000	-77.341	-0.50000	0.0	0.0	0.0
	31.00000	3.00000	0.00000	-75.950	-0.50000	0.0	0.0	0.0
	32.00000	3.00000	0.00000	-74.299	-0.50000	0.0	0.0	0.0
	33.00000	3.00000	0.00000	-72.521	-0.50000	0.0	0.0	0.0
	34.00000	3.00000	0.00000	-69.915	-0.50000	0.0	0.0	0.0
	35.00000	3.00000	0.00000	-66.914	-0.50000	0.0	0.0	0.0
	36.00000	3.00000	0.00000	-63.015	-0.50000	0.0	0.0	0.0
	37.00000	3.00000	0.00000	-57.548	-0.50000	0.0	0.0	0.0
	38.00000	3.00000	0.00000	-47.129	-0.50000	0.0	0.0	0.0
	39.00000	3.00000	0.00000	-36.700	-0.50000	0.0	0.0	0.0
	40.00000	3.00000	0.00000	-31.200	-0.50000	0.0	0.0	0.0
	41.00000	3.00000	0.00000	-27.247	-0.50000	0.0	0.0	0.0
	42.00000	3.00000	0.00000	-24.171	-0.50000	0.0	0.0	0.0
	43.00000	3.00000	0.00000	-21.667	-0.50000	0.0	0.0	0.0
	44.00000	3.00000	0.00000	-19.568	-0.50000	0.0	0.0	0.0
	45.00000	3.00000	0.00000	-17.773	-0.50000	0.0	0.0	0.0
	46.00000	3.00000	0.00000	-16.213	-0.50000	0.0	0.0	0.0
	47.00000	3.00000	0.00000	-14.843	-0.50000	0.0	0.0	0.0
	48.00000	3.00000	0.00000	-13.628	-0.50000	0.0	0.0	0.0
	49.00000	3.00000	0.00000	-12.544	-0.50000	0.0	0.0	0.0
	50.00000	3.00000	0.00000	-11.569	-0.50000	0.0	0.0	0.0
	51.00000	3.00000	0.00000	-10.689	-0.50000	0.0	0.0	0.0
	52.00000	3.00000	0.00000	-9.8915	-0.50000	0.0	0.0	0.0
	53.00000	3.00000	0.00000	-9.1657	-0.50000	0.0	0.0	0.0
	54.00000	3.00000	0.00000	-8.5033	-0.50000	0.0	0.0	0.0
	55.00000	3.00000	0.00000	-7.8971	-0.50000	0.0	0.0	0.0
	56.00000	3.00000	0.00000	-7.3410	-0.50000	0.0	0.0	0.0
	57.00000	3.00000	0.00000	-6.8299	-0.50000	0.0	0.0	0.0
	58.00000	3.00000	0.00000	-6.3592	-0.50000	0.0	0.0	0.0
	59.00000	3.00000	0.00000	-5.9250	-0.50000	0.0	0.0	0.0
	60.00000	3.00000	0.00000	-5.5238	-0.50000	0.0	0.0	0.0
	-20.00000	4.00000	0.00000	-5.7580	-0.50000	0.0	0.0	0.0
	-19.00000	4.00000	0.00000	-6.1811	-0.50000	0.0	0.0	0.0
	-18.00000	4.00000	0.00000	-6.6395	-0.50000	0.0	0.0	0.0
	-17.00000	4.00000	0.00000	-7.1370	-0.50000	0.0	0.0	0.0
	-16.00000	4.00000	0.00000	-7.6777	-0.50000	0.0	0.0	0.0
	-15.00000	4.00000	0.00000	-8.2665	-0.50000	0.0	0.0	0.0
	-14.00000	4.00000	0.00000	-8.9089	-0.50000	0.0	0.0	0.0
	-13.00000	4.00000	0.00000	-9.6115	-0.50000	0.0	0.0	0.0
	-12.00000	4.00000	0.00000	-10.382	-0.50000	0.0	0.0	0.0
	-11.00000	4.00000	0.00000	-11.229	-0.50000	0.0	0.0	0.0
	-10.00000	4.00000	0.00000	-12.164	-0.50000	0.0	0.0	0.0
	-9.00000	4.00000	0.00000	-13.200	-0.50000	0.0	0.0	0.0
	-8.00000	4.00000	0.00000	-14.355	-0.50000	0.0	0.0	0.0
	-7.00000	4.00000	0.00000	-15.648	-0.50000	0.0	0.0	0.0
	-6.00000	4.00000	0.00000	-17.107	-0.50000	0.0	0.0	0.0
	-5.00000	4.00000	0.00000	-18.768	-0.50000	0.0	0.0	0.0
	-4.00000	4.00000	0.00000	-20.683	-0.50000	0.0	0.0	0.0
	-3.00000	4.00000	0.00000	-22.921	-0.50000	0.0	0.0	0.0
	-2.00000	4.00000	0.00000	-25.591	-0.50000	0.0	0.0	0.0
	-1.00000	4.00000	0.00000	-28.867	-0.50000	0.0	0.0	0.0
	0.00000	4.00000	0.00000	-33.062	-0.50000	0.0	0.0	0.0
	1.00000	4.00000	0.00000	-38.843	-0.50000	0.0	0.0	0.0
	2.00000	4.00000	0.00000	-49.581	-0.50000	0.0	0.0	0.0
	3.00000	4.00000	0.00000	-60.304	-0.50000	0.0	0.0	0.0
	4.00000	4.00000	0.00000	-66.041	-0.50000	0.0	0.0	0.0
	5.00000	4.00000	0.00000	-70.161	-0.50000	0.0	0.0	0.0
	6.00000	4.00000	0.00000	-73.335	-0.50000	0.0	0.0	0.0
	7.00000	4.00000	0.00000	-75.874	-0.50000	0.0	0.0	0.0
	8.00000	4.00000	0.00000	-77.954	-0.50000	0.0	0.0	0.0
	9.00000	4.00000	0.00000	-79.683	-0.50000	0.0	0.0	0.0
	10.00000	4.00000	0.00000	-81.133	-0.50000	0.0	0.0	0.0
	11.00000	4.00000	0.00000	-82.354	-0.50000	0.0	0.0	0.0
	12.00000	4.00000	0.00000	-83.381	-0.50000	0.0	0.0	0.0
	13.00000	4.00000	0.00000	-84.242	-0.50000	0.0	0.0	0.0
	14.00000	4.00000	0.00000	-84.956	-0.50000	0.0	0.0	0.0
	15.00000	4.00000	0.00000	-85.538	-0.50000	0.0	0.0	0.0
	16.00000	4.00000	0.00000	-86.000	-0.50000	0.0	0.0	0.0
	17.00000	4.00000	0.00000	-86.349	-0.50000	0.0	0.0	0.0
	18.00000	4.00000	0.00000	-86.593	-0.50000	0.0	0.0	0.0
	19.00000	4.00000	0.00000	-86.735	-0.50000	0.0	0.0	0.0
	20.00000	4.00000	0.00000	-86.777	-0.50000	0.0	0.0	0.0
	21.00000	4.00000	0.00000	-86.720	-0.50000	0.0	0.0	0.0
	22.00000	4.00000	0.00000	-86.563	-0.50000	0.0	0.0	0.0
	23.00000	4.00000	0.00000	-86.304	-0.50000	0.0	0.0	0.0
	24.00000	4.00000	0.00000	-85.938	-0.50000	0.0	0.0	0.0
	25.00000	4.00000	0.00000	-85.459	-0.50000	0.0	0.0	0.0
	26.00000	4.00000	0.00000	-84.858	-0.50000	0.0	0.0	0.0
	27.00000	4.00000	0.00000	-84.124	-0.50000	0.0	0.0	0.0
	28.00000	4.00000	0.00000	-83.242	-0.50000	0.0	0.0	0.0
	29.00000	4.00000	0.00000	-82.192	-0.50000	0.0	0.0	0.0
	30.00000	4.00000	0.00000	-80.948	-0.50000	0.0	0.0	0.0
	31.00000	4.00000	0.00000	-79.475	-0.50000	0.0	0.0	0.0
	32.00000	4.00000	0.00000	-77.721	-0.50000	0.0	0.0	0.0
	33.00000	4.00000	0.00000	-75.618	-0.50000	0.0	0.0	0.0
	34.00000	4.00000	0.00000	-73.055	-0.50000	0.0	0.0	0.0
	35.00000	4.00000	0.00000	-69.860	-0.50000	0.0	0.0	0.0
	36.00000	4.00000	0.00000	-65.721	-0.50000	0.0	0.0	0.0
	37.00000	4.00000	0.00000	-59.968	-0.50000	0.0	0.0	0.0
	38.00000	4.00000	0.00000	-49.232	-0.50000	0.0	0.0	0.0
	39.00000	4.00000	0.00000	-38.485	-0.50000	0.0	0.0	0.0
	40.00000	4.00000	0.00000	-32.699	-0.50000	0.0	0.0	0.0
	41.00000	4.00000	0.00000	-28.504	-0.50000	0.0	0.0	0.0
	42.00000	4.00000	0.00000	-25.231	-0.50000	0.0	0.0	0.0
	43.00000	4.00000	0.00000	-22.568	-0.50000	0.0	0.0	0.0
	44.00000	4.00000	0.00000	-20.340	-0.50000	0.0	0.0	0.0
	45.00000	4.00000	0.00000	-18.438	-0.50000	0.0	0.0	0.0
	46.00000	4.00000	0.00000	-16.791	-0.50000	0.0	0.0	0.0
	47.00000	4.00000	0.00000	-15.347	-0.50000	0.0	0.0	0.0
	48.00000	4.00000	0.00000	-14.070	-0.50000	0.0	0.0	0.0
	49.00000	4.00000	0.00000	-12.933	-0.50000	0.0	0.0	0.0
	50.00000	4.00000	0.00000	-11.913	-0.50000	0.0	0.0	0.0
	51.00000	4.00000	0.00000	-10.994	-0.50000	0.0	0.0	0.0
	52.00000	4.00000	0.00000	-10.163	-0.50000	0.0	0.0	0.0
	53.00000	4.00000	0.00000	-9.4081	-0.50000	0.0	0.0	0.0
	54.00000	4.00000	0.00000	-8.7201	-0.50000	0.0	0.0	0.0
	55.00000	4.00000	0.00000	-8.0915	-0.50000	0.0	0.0	0.0
	56.00000	4.00000	0.00000	-7.5157	-0.50000	0.0	0.0	0.0
	57.00000	4.00000	0.00000	-6.9872	-0.50000	0.0	0.0	0.0
	58.00000	4.00000	0.00000	-6.5010	-0.50000	0.0	0.0	0.0
	59.00000	4.00000	0.00000	-6.0531	-0.50000	0.0	0.0	0.0
	60.00000	4.00000	0.00000	-5.6398	-0.50000	0.0	0.0	0.0
	-20.00000	5.00000	0.00000	-5.8733	-0.50000	0.0	0.0	0.0
	-19.00000	5.00000	0.00000	-5.3089	-0.50000	0.0	0.0	0.0
	-18.00000	5.00000	0.00000	-6.7814	-0.50000	0.0	0.0	0.0
	-17.00000	5.00000	0.00000	-7.2948	-0.50000	0.0	0.0	0.0
	-16.00000	5.00000	0.00000	-7.8535	-0.50000	0.0	0.0	0.0
	-15.00000	5.00000	0.00000	-8.4626	-0.50000	0.0	0.0	0.0
	-14.00000	5.00000	0.00000	-9.1281	-0.50000	0.0	0.0	0.0
	-13.00000	5.00000	0.00000	-9.8569	-0.50000	0.0	0.0	0.0
	-12.00000	5.00000	0.00000	-10.657	-0.50000	0.0	0.0	0.0
	-11.00000	5.00000	0.00000	-11.539	-0.50000	0.0	0.0	0.0
	-10.00000	5.00000	0.00000	-12.513	-0.50000	0.0	0.0	0.0
	-9.00000	5						



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	60.00000	6.00000	0.00000	-5.8505	-0.50000	0.0	0.0	0.0
	-20.00000	7.00000	0.00000	-6.0809	-0.50000	0.0	0.0	0.0
	-19.00000	7.00000	0.00000	-6.5393	-0.50000	0.0	0.0	0.0
	-18.00000	7.00000	0.00000	-7.0376	-0.50000	0.0	0.0	0.0
	-17.00000	7.00000	0.00000	-7.5801	-0.50000	0.0	0.0	0.0
	-16.00000	7.00000	0.00000	-8.1717	-0.50000	0.0	0.0	0.0
	-15.00000	7.00000	0.00000	-8.8181	-0.50000	0.0	0.0	0.0
	-14.00000	7.00000	0.00000	-9.5260	-0.50000	0.0	0.0	0.0
	-13.00000	7.00000	0.00000	-10.303	-0.50000	0.0	0.0	0.0
	-12.00000	7.00000	0.00000	-11.159	-0.50000	0.0	0.0	0.0
	-11.00000	7.00000	0.00000	-12.103	-0.50000	0.0	0.0	0.0
	-10.00000	7.00000	0.00000	-13.150	-0.50000	0.0	0.0	0.0
	-9.00000	7.00000	0.00000	-14.314	-0.50000	0.0	0.0	0.0
	-8.00000	7.00000	0.00000	-15.615	-0.50000	0.0	0.0	0.0
	-7.00000	7.00000	0.00000	-17.078	-0.50000	0.0	0.0	0.0
	-6.00000	7.00000	0.00000	-18.732	-0.50000	0.0	0.0	0.0
	-5.00000	7.00000	0.00000	-20.620	-0.50000	0.0	0.0	0.0
	-4.00000	7.00000	0.00000	-22.796	-0.50000	0.0	0.0	0.0
	-3.00000	7.00000	0.00000	-25.336	-0.50000	0.0	0.0	0.0
	-2.00000	7.00000	0.00000	-28.354	-0.50000	0.0	0.0	0.0
	-1.00000	7.00000	0.00000	-32.027	-0.50000	0.0	0.0	0.0
	0.00000	7.00000	0.00000	-36.666	-0.50000	0.0	0.0	0.0
	1.00000	7.00000	0.00000	-42.332	-0.50000	0.0	0.0	0.0
	2.00000	7.00000	0.00000	-54.176	-0.50000	0.0	0.0	0.0
	3.00000	7.00000	0.00000	-65.399	-0.50000	0.0	0.0	0.0
	4.00000	7.00000	0.00000	-76.603	-0.50000	0.0	0.0	0.0
	5.00000	7.00000	0.00000	-76.141	-0.50000	0.0	0.0	0.0
	6.00000	7.00000	0.00000	-79.676	-0.50000	0.0	0.0	0.0
	7.00000	7.00000	0.00000	-82.522	-0.50000	0.0	0.0	0.0
	8.00000	7.00000	0.00000	-84.858	-0.50000	0.0	0.0	0.0
	9.00000	7.00000	0.00000	-86.803	-0.50000	0.0	0.0	0.0
	10.00000	7.00000	0.00000	-88.431	-0.50000	0.0	0.0	0.0
	11.00000	7.00000	0.00000	-89.800	-0.50000	0.0	0.0	0.0
	12.00000	7.00000	0.00000	-90.951	-0.50000	0.0	0.0	0.0
	13.00000	7.00000	0.00000	-91.913	-0.50000	0.0	0.0	0.0
	14.00000	7.00000	0.00000	-92.710	-0.50000	0.0	0.0	0.0
	15.00000	7.00000	0.00000	-93.359	-0.50000	0.0	0.0	0.0
	16.00000	7.00000	0.00000	-93.873	-0.50000	0.0	0.0	0.0
	17.00000	7.00000	0.00000	-94.263	-0.50000	0.0	0.0	0.0
	18.00000	7.00000	0.00000	-94.534	-0.50000	0.0	0.0	0.0
	19.00000	7.00000	0.00000	-94.692	-0.50000	0.0	0.0	0.0
	20.00000	7.00000	0.00000	-94.739	-0.50000	0.0	0.0	0.0
	21.00000	7.00000	0.00000	-94.676	-0.50000	0.0	0.0	0.0
	22.00000	7.00000	0.00000	-94.501	-0.50000	0.0	0.0	0.0
	23.00000	7.00000	0.00000	-94.212	-0.50000	0.0	0.0	0.0
	24.00000	7.00000	0.00000	-93.803	-0.50000	0.0	0.0	0.0
	25.00000	7.00000	0.00000	-93.267	-0.50000	0.0	0.0	0.0
	26.00000	7.00000	0.00000	-92.593	-0.50000	0.0	0.0	0.0
	27.00000	7.00000	0.00000	-91.768	-0.50000	0.0	0.0	0.0
	28.00000	7.00000	0.00000	-90.774	-0.50000	0.0	0.0	0.0
	29.00000	7.00000	0.00000	-89.589	-0.50000	0.0	0.0	0.0
	30.00000	7.00000	0.00000	-88.182	-0.50000	0.0	0.0	0.0
	31.00000	7.00000	0.00000	-86.513	-0.50000	0.0	0.0	0.0
	32.00000	7.00000	0.00000	-84.527	-0.50000	0.0	0.0	0.0
	33.00000	7.00000	0.00000	-82.146	-0.50000	0.0	0.0	0.0
	34.00000	7.00000	0.00000	-79.257	-0.50000	0.0	0.0	0.0
	35.00000	7.00000	0.00000	-75.680	-0.50000	0.0	0.0	0.0
	36.00000	7.00000	0.00000	-71.105	-0.50000	0.0	0.0	0.0
	37.00000	7.00000	0.00000	-64.870	-0.50000	0.0	0.0	0.0
	38.00000	7.00000	0.00000	-53.623	-0.50000	0.0	0.0	0.0
	39.00000	7.00000	0.00000	-42.364	-0.50000	0.0	0.0	0.0
	40.00000	7.00000	0.00000	-36.093	-0.50000	0.0	0.0	0.0
	41.00000	7.00000	0.00000	-31.457	-0.50000	0.0	0.0	0.0
	42.00000	7.00000	0.00000	-27.797	-0.50000	0.0	0.0	0.0
	43.00000	7.00000	0.00000	-24.798	-0.50000	0.0	0.0	0.0
	44.00000	7.00000	0.00000	-22.282	-0.50000	0.0	0.0	0.0
	45.00000	7.00000	0.00000	-20.134	-0.50000	0.0	0.0	0.0
	46.00000	7.00000	0.00000	-18.276	-0.50000	0.0	0.0	0.0
	47.00000	7.00000	0.00000	-16.653	-0.50000	0.0	0.0	0.0
	48.00000	7.00000	0.00000	-15.221	-0.50000	0.0	0.0	0.0
	49.00000	7.00000	0.00000	-13.950	-0.50000	0.0	0.0	0.0
	50.00000	7.00000	0.00000	-12.815	-0.50000	0.0	0.0	0.0
	51.00000	7.00000	0.00000	-11.796	-0.50000	0.0	0.0	0.0
	52.00000	7.00000	0.00000	-10.877	-0.50000	0.0	0.0	0.0
	53.00000	7.00000	0.00000	-10.046	-0.50000	0.0	0.0	0.0
	54.00000	7.00000	0.00000	-9.2905	-0.50000	0.0	0.0	0.0
	55.00000	7.00000	0.00000	-8.6029	-0.50000	0.0	0.0	0.0
	56.00000	7.00000	0.00000	-7.9751	-0.50000	0.0	0.0	0.0
	57.00000	7.00000	0.00000	-7.4005	-0.50000	0.0	0.0	0.0
	58.00000	7.00000	0.00000	-6.8736	-0.50000	0.0	0.0	0.0
	59.00000	7.00000	0.00000	-6.3895	-0.50000	0.0	0.0	0.0
	60.00000	7.00000	0.00000	-5.9438	-0.50000	0.0	0.0	0.0
	-20.00000	8.00000	0.00000	-6.1718	-0.50000	0.0	0.0	0.0
	-19.00000	8.00000	0.00000	-6.6404	-0.50000	0.0	0.0	0.0
	-18.00000	8.00000	0.00000	-7.1502	-0.50000	0.0	0.0	0.0
	-17.00000	8.00000	0.00000	-7.7057	-0.50000	0.0	0.0	0.0
	-16.00000	8.00000	0.00000	-8.3120	-0.50000	0.0	0.0	0.0
	-15.00000	8.00000	0.00000	-8.9752	-0.50000	0.0	0.0	0.0
	-14.00000	8.00000	0.00000	-9.7022	-0.50000	0.0	0.0	0.0
	-13.00000	8.00000	0.00000	-10.501	-0.50000	0.0	0.0	0.0
	-12.00000	8.00000	0.00000	-11.381	-0.50000	0.0	0.0	0.0
	-11.00000	8.00000	0.00000	-12.354	-0.50000	0.0	0.0	0.0
	-10.00000	8.00000	0.00000	-13.433	-0.50000	0.0	0.0	0.0
	-9.00000	8.00000	0.00000	-14.634	-0.50000	0.0	0.0	0.0
	-8.00000	8.00000	0.00000	-15.978	-0.50000	0.0	0.0	0.0
	-7.00000	8.00000	0.00000	-17.468	-0.50000	0.0	0.0	0.0
	-6.00000	8.00000	0.00000	-19.198	-0.50000	0.0	0.0	0.0
	-5.00000	8.00000	0.00000	-21.147	-0.50000	0.0	0.0	0.0
	-4.00000	8.00000	0.00000	-23.392	-0.50000	0.0	0.0	0.0
	-3.00000	8.00000	0.00000	-26.008	-0.50000	0.0	0.0	0.0
	-2.00000	8.00000	0.00000	-29.109	-0.50000	0.0	0.0	0.0
	-1.00000	8.00000	0.00000	-32.871	-0.50000	0.0	0.0	0.0
	0.00000	8.00000	0.00000	-37.603	-0.50000	0.0	0.0	0.0
	1.00000	8.00000	0.00000	-43.963	-0.50000	0.0	0.0	0.0
	2.00000	8.00000	0.00000	-55.301	-0.50000	0.0	0.0	0.0
	3.00000	8.00000	0.00000	-66.614	-0.50000	0.0	0.0	0.0
	4.00000	8.00000	0.00000	-72.902	-0.50000	0.0	0.0	0.0
	5.00000	8.00000	0.00000	-77.517	-0.50000	0.0	0.0	0.0
	6.00000	8.00000	0.00000	-81.121	-0.50000	0.0	0.0	0.0
	7.00000	8.00000	0.00000	-84.028	-0.50000	0.0	0.0	0.0
	8.00000	8.00000	0.00000	-86.418	-0.50000	0.0	0.0	0.0
	9.00000	8.00000	0.00000	-88.407	-0.50000	0.0	0.0	0.0
	10.00000	8.00000	0.00000	-90.075	-0.50000	0.0	0.0	0.0
	11.00000	8.00000	0.00000	-91.478	-0.50000	0.0	0.0	0.0
	12.00000	8.00000	0.00000	-92.657	-0.50000	0.0	0.0	0.0
	13.00000	8.00000	0.00000	-93.644	-0.50000	0.0	0.0	0.0
	14.00000	8.00000	0.00000	-94.461	-0.50000	0.0	0.0	0.0
	15.00000	8.00000	0.00000	-95.126	-0.50000	0.0	0.0	0.0
	16.00000	8.00000	0.00000	-95.654	-0.50000	0.0	0.0	0.0
	17.00000	8.00000	0.00000	-96.053	-0.50000	0.0	0.0	0.0
	18.00000	8.00000	0.00000	-96.332	-0.50000	0.0	0.0	0.0
	19.00000	8.00000	0.00000	-96.494	-0.50000	0.0	0.0	0.0
	20.00000	8.00000	0.00000	-96.543	-0.50000	0.0	0.0	0.0
	21.00000	8.00000	0.00000	-96.478	-0.50000	0.0	0.0	0.0
	22.00000	8.00000	0.00000	-96.300	-0.50000	0.0	0.0	0.0
	23.00000	8.00000	0.00000	-96.003	-0.50000	0.0	0.0	0.0
	24.00000	8.00000	0.00000	-95.583	-0.50000	0.0	0.0	0.0
	25.00000	8.00000	0.00000	-95.032	-0.50000	0.0	0.0	0.0
	26.00000	8.00000	0.00000	-94.339	-0.50000	0.0	0.0	0.0
	27.00000	8.00000	0.00000	-93.491	-0.50000	0.0	0.0	0.0
	28.00000	8.00000	0.00000	-92.469	-0.50000	0.0	0.0	0.0
	29.00000	8.00000	0.00000	-91.249	-0.50000	0.0	0.0	0.0
	30.00000	8.00000	0.00000					



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Vert Strain [-]
18.00000	10.00000	0.00000	-99.022	-0.50000	0.0	0.0	0.0	0.0
19.00000	10.00000	0.00000	-99.192	-0.50000	0.0	0.0	0.0	0.0
20.00000	10.00000	0.00000	-99.244	-0.50000	0.0	0.0	0.0	0.0
21.00000	10.00000	0.00000	-99.178	-0.50000	0.0	0.0	0.0	0.0
22.00000	10.00000	0.00000	-98.994	-0.50000	0.0	0.0	0.0	0.0
23.00000	10.00000	0.00000	-98.687	-0.50000	0.0	0.0	0.0	0.0
24.00000	10.00000	0.00000	-98.251	-0.50000	0.0	0.0	0.0	0.0
25.00000	10.00000	0.00000	-97.678	-0.50000	0.0	0.0	0.0	0.0
26.00000	10.00000	0.00000	-96.956	-0.50000	0.0	0.0	0.0	0.0
27.00000	10.00000	0.00000	-96.072	-0.50000	0.0	0.0	0.0	0.0
28.00000	10.00000	0.00000	-95.006	-0.50000	0.0	0.0	0.0	0.0
29.00000	10.00000	0.00000	-93.734	-0.50000	0.0	0.0	0.0	0.0
30.00000	10.00000	0.00000	-92.224	-0.50000	0.0	0.0	0.0	0.0
31.00000	10.00000	0.00000	-90.435	-0.50000	0.0	0.0	0.0	0.0
32.00000	10.00000	0.00000	-88.310	-0.50000	0.0	0.0	0.0	0.0
33.00000	10.00000	0.00000	-85.771	-0.50000	0.0	0.0	0.0	0.0
34.00000	10.00000	0.00000	-82.705	-0.50000	0.0	0.0	0.0	0.0
35.00000	10.00000	0.00000	-78.933	-0.50000	0.0	0.0	0.0	0.0
36.00000	10.00000	0.00000	-74.145	-0.50000	0.0	0.0	0.0	0.0
37.00000	10.00000	0.00000	-67.685	-0.50000	0.0	0.0	0.0	0.0
38.00000	10.00000	0.00000	-56.206	-0.50000	0.0	0.0	0.0	0.0
39.00000	10.00000	0.00000	-44.715	-0.50000	0.0	0.0	0.0	0.0
40.00000	10.00000	0.00000	-38.216	-0.50000	0.0	0.0	0.0	0.0
41.00000	10.00000	0.00000	-33.364	-0.50000	0.0	0.0	0.0	0.0
42.00000	10.00000	0.00000	-29.501	-0.50000	0.0	0.0	0.0	0.0
43.00000	10.00000	0.00000	-26.316	-0.50000	0.0	0.0	0.0	0.0
44.00000	10.00000	0.00000	-23.532	-0.50000	0.0	0.0	0.0	0.0
45.00000	10.00000	0.00000	-21.333	-0.50000	0.0	0.0	0.0	0.0
46.00000	10.00000	0.00000	-19.341	-0.50000	0.0	0.0	0.0	0.0
47.00000	10.00000	0.00000	-17.598	-0.50000	0.0	0.0	0.0	0.0
48.00000	10.00000	0.00000	-16.062	-0.50000	0.0	0.0	0.0	0.0
49.00000	10.00000	0.00000	-14.698	-0.50000	0.0	0.0	0.0	0.0
50.00000	10.00000	0.00000	-13.481	-0.50000	0.0	0.0	0.0	0.0
51.00000	10.00000	0.00000	-12.390	-0.50000	0.0	0.0	0.0	0.0
52.00000	10.00000	0.00000	-11.408	-0.50000	0.0	0.0	0.0	0.0
53.00000	10.00000	0.00000	-10.520	-0.50000	0.0	0.0	0.0	0.0
54.00000	10.00000	0.00000	-9.7160	-0.50000	0.0	0.0	0.0	0.0
55.00000	10.00000	0.00000	-8.9846	-0.50000	0.0	0.0	0.0	0.0
56.00000	10.00000	0.00000	-8.3180	-0.50000	0.0	0.0	0.0	0.0
57.00000	10.00000	0.00000	-7.7091	-0.50000	0.0	0.0	0.0	0.0
58.00000	10.00000	0.00000	-7.1516	-0.50000	0.0	0.0	0.0	0.0
59.00000	10.00000	0.00000	-6.6403	-0.50000	0.0	0.0	0.0	0.0
60.00000	10.00000	0.00000	-6.1705	-0.50000	0.0	0.0	0.0	0.0
-20.00000	11.00000	0.00000	-6.3861	-0.50000	0.0	0.0	0.0	0.0
-19.00000	11.00000	0.00000	-6.8794	-0.50000	0.0	0.0	0.0	0.0
-18.00000	11.00000	0.00000	-7.4171	-0.50000	0.0	0.0	0.0	0.0
-17.00000	11.00000	0.00000	-8.0044	-0.50000	0.0	0.0	0.0	0.0
-16.00000	11.00000	0.00000	-8.6470	-0.50000	0.0	0.0	0.0	0.0
-15.00000	11.00000	0.00000	-9.3516	-0.50000	0.0	0.0	0.0	0.0
-14.00000	11.00000	0.00000	-10.126	-0.50000	0.0	0.0	0.0	0.0
-13.00000	11.00000	0.00000	-10.975	-0.50000	0.0	0.0	0.0	0.0
-12.00000	11.00000	0.00000	-11.922	-0.50000	0.0	0.0	0.0	0.0
-11.00000	11.00000	0.00000	-12.966	-0.50000	0.0	0.0	0.0	0.0
-10.00000	11.00000	0.00000	-14.127	-0.50000	0.0	0.0	0.0	0.0
-9.00000	11.00000	0.00000	-15.423	-0.50000	0.0	0.0	0.0	0.0
-8.00000	11.00000	0.00000	-16.876	-0.50000	0.0	0.0	0.0	0.0
-7.00000	11.00000	0.00000	-18.511	-0.50000	0.0	0.0	0.0	0.0
-6.00000	11.00000	0.00000	-20.363	-0.50000	0.0	0.0	0.0	0.0
-5.00000	11.00000	0.00000	-22.474	-0.50000	0.0	0.0	0.0	0.0
-4.00000	11.00000	0.00000	-24.899	-0.50000	0.0	0.0	0.0	0.0
-3.00000	11.00000	0.00000	-27.713	-0.50000	0.0	0.0	0.0	0.0
-2.00000	11.00000	0.00000	-31.024	-0.50000	0.0	0.0	0.0	0.0
-1.00000	11.00000	0.00000	-34.999	-0.50000	0.0	0.0	0.0	0.0
0.00000	11.00000	0.00000	-39.836	-0.50000	0.0	0.0	0.0	0.0
1.00000	11.00000	0.00000	-46.482	-0.50000	0.0	0.0	0.0	0.0
2.00000	11.00000	0.00000	-57.979	-0.50000	0.0	0.0	0.0	0.0
3.00000	11.00000	0.00000	-69.425	-0.50000	0.0	0.0	0.0	0.0
4.00000	11.00000	0.00000	-75.824	-0.50000	0.0	0.0	0.0	0.0
5.00000	11.00000	0.00000	-80.534	-0.50000	0.0	0.0	0.0	0.0
6.00000	11.00000	0.00000	-84.222	-0.50000	0.0	0.0	0.0	0.0
7.00000	11.00000	0.00000	-87.205	-0.50000	0.0	0.0	0.0	0.0
8.00000	11.00000	0.00000	-89.665	-0.50000	0.0	0.0	0.0	0.0
9.00000	11.00000	0.00000	-91.719	-0.50000	0.0	0.0	0.0	0.0
10.00000	11.00000	0.00000	-93.446	-0.50000	0.0	0.0	0.0	0.0
11.00000	11.00000	0.00000	-94.903	-0.50000	0.0	0.0	0.0	0.0
12.00000	11.00000	0.00000	-96.130	-0.50000	0.0	0.0	0.0	0.0
13.00000	11.00000	0.00000	-97.158	-0.50000	0.0	0.0	0.0	0.0
14.00000	11.00000	0.00000	-98.013	-0.50000	0.0	0.0	0.0	0.0
15.00000	11.00000	0.00000	-98.710	-0.50000	0.0	0.0	0.0	0.0
16.00000	11.00000	0.00000	-99.264	-0.50000	0.0	0.0	0.0	0.0
17.00000	11.00000	0.00000	-99.685	-0.50000	0.0	0.0	0.0	0.0
18.00000	11.00000	0.00000	-99.980	-0.50000	0.0	0.0	0.0	0.0
19.00000	11.00000	0.00000	-100.15	-0.50000	0.0	0.0	0.0	0.0
20.00000	11.00000	0.00000	-100.21	-0.50000	0.0	0.0	0.0	0.0
21.00000	11.00000	0.00000	-100.14	-0.50000	0.0	0.0	0.0	0.0
22.00000	11.00000	0.00000	-99.958	-0.50000	0.0	0.0	0.0	0.0
23.00000	11.00000	0.00000	-99.648	-0.50000	0.0	0.0	0.0	0.0
24.00000	11.00000	0.00000	-99.207	-0.50000	0.0	0.0	0.0	0.0
25.00000	11.00000	0.00000	-98.627	-0.50000	0.0	0.0	0.0	0.0
26.00000	11.00000	0.00000	-97.896	-0.50000	0.0	0.0	0.0	0.0
27.00000	11.00000	0.00000	-97.000	-0.50000	0.0	0.0	0.0	0.0
28.00000	11.00000	0.00000	-95.918	-0.50000	0.0	0.0	0.0	0.0
29.00000	11.00000	0.00000	-94.628	-0.50000	0.0	0.0	0.0	0.0
30.00000	11.00000	0.00000	-93.096	-0.50000	0.0	0.0	0.0	0.0
31.00000	11.00000	0.00000	-91.281	-0.50000	0.0	0.0	0.0	0.0
32.00000	11.00000	0.00000	-89.127	-0.50000	0.0	0.0	0.0	0.0
33.00000	11.00000	0.00000	-86.556	-0.50000	0.0	0.0	0.0	0.0
34.00000	11.00000	0.00000	-83.452	-0.50000	0.0	0.0	0.0	0.0
35.00000	11.00000	0.00000	-79.640	-0.50000	0.0	0.0	0.0	0.0
36.00000	11.00000	0.00000	-74.810	-0.50000	0.0	0.0	0.0	0.0
37.00000	11.00000	0.00000	-68.305	-0.50000	0.0	0.0	0.0	0.0
38.00000	11.00000	0.00000	-60.781	-0.50000	0.0	0.0	0.0	0.0
39.00000	11.00000	0.00000	-45.243	-0.50000	0.0	0.0	0.0	0.0
40.00000	11.00000	0.00000	-38.699	-0.50000	0.0	0.0	0.0	0.0
41.00000	11.00000	0.00000	-33.803	-0.50000	0.0	0.0	0.0	0.0
42.00000	11.00000	0.00000	-29.897	-0.50000	0.0	0.0	0.0	0.0
43.00000	11.00000	0.00000	-26.673	-0.50000	0.0	0.0	0.0	0.0
44.00000	11.00000	0.00000	-23.953	-0.50000	0.0	0.0	0.0	0.0
45.00000	11.00000	0.00000	-21.621	-0.50000	0.0	0.0	0.0	0.0
46.00000	11.00000	0.00000	-19.598	-0.50000	0.0	0.0	0.0	0.0
47.00000	11.00000	0.00000	-17.828	-0.50000	0.0	0.0	0.0	0.0
48.00000	11.00000	0.00000	-16.267	-0.50000	0.0	0.0	0.0	0.0
49.00000	11.00000	0.00000	-14.881	-0.50000	0.0	0.0	0.0	0.0
50.00000	11.00000	0.00000	-13.645	-0.50000	0.0	0.0	0.0	0.0
51.00000	11.00000	0.00000	-12.537	-0.50000	0.0	0.0	0.0	0.0
52.00000	11.00000	0.00000	-11.538	-0.50000	0.0	0.0	0.0	0.0
53.00000	11.00000	0.00000	-10.638	-0.50000	0.0	0.0	0.0	0.0
54.00000	11.00000	0.00000	-9.8213	-0.50000	0.0	0.0	0.0	0.0
55.00000	11.00000	0.00000	-9.0792	-0.50000	0.0	0.0	0.0	0.0
56.00000	11.00000	0.00000	-8.4030	-0.50000	0.0	0.0	0.0	0.0
57.00000	11.00000	0.00000	-7.7855	-0.50000	0.0	0.0	0.0	0.0
58.00000	11.00000	0.00000	-7.2205	-0.50000	0.0	0.0	0.0	0.0
59.00000	11.00000	0.00000	-6.7025	-0.50000	0.0	0.0	0.0	0.0
60.00000	11.00000	0.00000	-6.2267	-0.50000	0.0	0.0	0.0	0.0
-20.00000	12.00000	0.00000	-6.4364	-0.50000	0.0	0.0	0.0	0.0
-19.00000	12.00000	0.0000						



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
57.00000	13.00000	0.00000	-7.8962	-0.50000	0.0	0.0	0.0	
58.00000	13.00000	0.00000	-7.3202	-0.50000	0.0	0.0	0.0	
59.00000	13.00000	0.00000	-6.7923	-0.50000	0.0	0.0	0.0	
60.00000	13.00000	0.00000	-6.3078	-0.50000	0.0	0.0	0.0	
-20.00000	14.00000	0.00000	-6.5028	-0.50000	0.0	0.0	0.0	
-19.00000	14.00000	0.00000	-7.0105	-0.50000	0.0	0.0	0.0	
-18.00000	14.00000	0.00000	-7.5649	-0.50000	0.0	0.0	0.0	
-17.00000	14.00000	0.00000	-8.1714	-0.50000	0.0	0.0	0.0	
-16.00000	14.00000	0.00000	-8.8362	-0.50000	0.0	0.0	0.0	
-15.00000	14.00000	0.00000	-9.5666	-0.50000	0.0	0.0	0.0	
-14.00000	14.00000	0.00000	-10.371	-0.50000	0.0	0.0	0.0	
-13.00000	14.00000	0.00000	-11.260	-0.50000	0.0	0.0	0.0	
-12.00000	14.00000	0.00000	-12.246	-0.50000	0.0	0.0	0.0	
-11.00000	14.00000	0.00000	-13.338	-0.50000	0.0	0.0	0.0	
-10.00000	14.00000	0.00000	-14.559	-0.50000	0.0	0.0	0.0	
-9.00000	14.00000	0.00000	-15.926	-0.50000	0.0	0.0	0.0	
-8.00000	14.00000	0.00000	-17.465	-0.50000	0.0	0.0	0.0	
-7.00000	14.00000	0.00000	-19.206	-0.50000	0.0	0.0	0.0	
-6.00000	14.00000	0.00000	-21.188	-0.50000	0.0	0.0	0.0	
-5.00000	14.00000	0.00000	-23.461	-0.50000	0.0	0.0	0.0	
-4.00000	14.00000	0.00000	-26.089	-0.50000	0.0	0.0	0.0	
-3.00000	14.00000	0.00000	-29.158	-0.50000	0.0	0.0	0.0	
-2.00000	14.00000	0.00000	-32.784	-0.50000	0.0	0.0	0.0	
-1.00000	14.00000	0.00000	-37.126	-0.50000	0.0	0.0	0.0	
0.00000	14.00000	0.00000	-42.413	-0.50000	0.0	0.0	0.0	
1.00000	14.00000	0.00000	-49.147	-0.50000	0.0	0.0	0.0	
2.00000	14.00000	0.00000	-60.581	-0.50000	0.0	0.0	0.0	
3.00000	14.00000	0.00000	-71.801	-0.50000	0.0	0.0	0.0	
4.00000	14.00000	0.00000	-77.953	-0.50000	0.0	0.0	0.0	
5.00000	14.00000	0.00000	-82.463	-0.50000	0.0	0.0	0.0	
6.00000	14.00000	0.00000	-86.001	-0.50000	0.0	0.0	0.0	
7.00000	14.00000	0.00000	-88.883	-0.50000	0.0	0.0	0.0	
8.00000	14.00000	0.00000	-91.275	-0.50000	0.0	0.0	0.0	
9.00000	14.00000	0.00000	-93.285	-0.50000	0.0	0.0	0.0	
10.00000	14.00000	0.00000	-94.985	-0.50000	0.0	0.0	0.0	
11.00000	14.00000	0.00000	-96.427	-0.50000	0.0	0.0	0.0	
12.00000	14.00000	0.00000	-97.649	-0.50000	0.0	0.0	0.0	
13.00000	14.00000	0.00000	-98.678	-0.50000	0.0	0.0	0.0	
14.00000	14.00000	0.00000	-99.537	-0.50000	0.0	0.0	0.0	
15.00000	14.00000	0.00000	-100.24	-0.50000	0.0	0.0	0.0	
16.00000	14.00000	0.00000	-100.81	-0.50000	0.0	0.0	0.0	
17.00000	14.00000	0.00000	-101.24	-0.50000	0.0	0.0	0.0	
18.00000	14.00000	0.00000	-101.54	-0.50000	0.0	0.0	0.0	
19.00000	14.00000	0.00000	-101.73	-0.50000	0.0	0.0	0.0	
20.00000	14.00000	0.00000	-101.79	-0.50000	0.0	0.0	0.0	
21.00000	14.00000	0.00000	-101.74	-0.50000	0.0	0.0	0.0	
22.00000	14.00000	0.00000	-101.56	-0.50000	0.0	0.0	0.0	
23.00000	14.00000	0.00000	-101.25	-0.50000	0.0	0.0	0.0	
24.00000	14.00000	0.00000	-100.81	-0.50000	0.0	0.0	0.0	
25.00000	14.00000	0.00000	-100.23	-0.50000	0.0	0.0	0.0	
26.00000	14.00000	0.00000	-99.488	-0.50000	0.0	0.0	0.0	
27.00000	14.00000	0.00000	-98.578	-0.50000	0.0	0.0	0.0	
28.00000	14.00000	0.00000	-97.478	-0.50000	0.0	0.0	0.0	
29.00000	14.00000	0.00000	-96.182	-0.50000	0.0	0.0	0.0	
30.00000	14.00000	0.00000	-94.598	-0.50000	0.0	0.0	0.0	
31.00000	14.00000	0.00000	-92.744	-0.50000	0.0	0.0	0.0	
32.00000	14.00000	0.00000	-90.544	-0.50000	0.0	0.0	0.0	
33.00000	14.00000	0.00000	-87.938	-0.50000	0.0	0.0	0.0	
34.00000	14.00000	0.00000	-84.757	-0.50000	0.0	0.0	0.0	
35.00000	14.00000	0.00000	-80.880	-0.50000	0.0	0.0	0.0	
36.00000	14.00000	0.00000	-75.981	-0.50000	0.0	0.0	0.0	
37.00000	14.00000	0.00000	-69.402	-0.50000	0.0	0.0	0.0	
38.00000	14.00000	0.00000	-57.802	-0.50000	0.0	0.0	0.0	
39.00000	14.00000	0.00000	-46.188	-0.50000	0.0	0.0	0.0	
40.00000	14.00000	0.00000	-39.567	-0.50000	0.0	0.0	0.0	
41.00000	14.00000	0.00000	-34.596	-0.50000	0.0	0.0	0.0	
42.00000	14.00000	0.00000	-30.619	-0.50000	0.0	0.0	0.0	
43.00000	14.00000	0.00000	-27.327	-0.50000	0.0	0.0	0.0	
44.00000	14.00000	0.00000	-24.543	-0.50000	0.0	0.0	0.0	
45.00000	14.00000	0.00000	-22.152	-0.50000	0.0	0.0	0.0	
46.00000	14.00000	0.00000	-20.075	-0.50000	0.0	0.0	0.0	
47.00000	14.00000	0.00000	-18.256	-0.50000	0.0	0.0	0.0	
48.00000	14.00000	0.00000	-16.651	-0.50000	0.0	0.0	0.0	
49.00000	14.00000	0.00000	-15.225	-0.50000	0.0	0.0	0.0	
50.00000	14.00000	0.00000	-13.953	-0.50000	0.0	0.0	0.0	
51.00000	14.00000	0.00000	-12.812	-0.50000	0.0	0.0	0.0	
52.00000	14.00000	0.00000	-11.786	-0.50000	0.0	0.0	0.0	
53.00000	14.00000	0.00000	-10.858	-0.50000	0.0	0.0	0.0	
54.00000	14.00000	0.00000	-10.020	-0.50000	0.0	0.0	0.0	
55.00000	14.00000	0.00000	-9.2573	-0.50000	0.0	0.0	0.0	
56.00000	14.00000	0.00000	-8.5632	-0.50000	0.0	0.0	0.0	
57.00000	14.00000	0.00000	-7.9297	-0.50000	0.0	0.0	0.0	
58.00000	14.00000	0.00000	-7.3503	-0.50000	0.0	0.0	0.0	
59.00000	14.00000	0.00000	-6.8195	-0.50000	0.0	0.0	0.0	
60.00000	14.00000	0.00000	-6.3324	-0.50000	0.0	0.0	0.0	
-20.00000	15.00000	0.00000	-6.5183	-0.50000	0.0	0.0	0.0	
-19.00000	15.00000	0.00000	-7.0283	-0.50000	0.0	0.0	0.0	
-18.00000	15.00000	0.00000	-7.5854	-0.50000	0.0	0.0	0.0	
-17.00000	15.00000	0.00000	-8.1951	-0.50000	0.0	0.0	0.0	
-16.00000	15.00000	0.00000	-8.8638	-0.50000	0.0	0.0	0.0	
-15.00000	15.00000	0.00000	-9.5989	-0.50000	0.0	0.0	0.0	
-14.00000	15.00000	0.00000	-10.409	-0.50000	0.0	0.0	0.0	
-13.00000	15.00000	0.00000	-11.305	-0.50000	0.0	0.0	0.0	
-12.00000	15.00000	0.00000	-12.298	-0.50000	0.0	0.0	0.0	
-11.00000	15.00000	0.00000	-13.403	-0.50000	0.0	0.0	0.0	
-10.00000	15.00000	0.00000	-14.637	-0.50000	0.0	0.0	0.0	
-9.00000	15.00000	0.00000	-16.022	-0.50000	0.0	0.0	0.0	
-8.00000	15.00000	0.00000	-17.583	-0.50000	0.0	0.0	0.0	
-7.00000	15.00000	0.00000	-19.355	-0.50000	0.0	0.0	0.0	
-6.00000	15.00000	0.00000	-21.378	-0.50000	0.0	0.0	0.0	
-5.00000	15.00000	0.00000	-23.709	-0.50000	0.0	0.0	0.0	
-4.00000	15.00000	0.00000	-26.420	-0.50000	0.0	0.0	0.0	
-3.00000	15.00000	0.00000	-29.616	-0.50000	0.0	0.0	0.0	
-2.00000	15.00000	0.00000	-33.446	-0.50000	0.0	0.0	0.0	
-1.00000	15.00000	0.00000	-38.128	-0.50000	0.0	0.0	0.0	
0.00000	15.00000	0.00000	-43.907	-0.50000	0.0	0.0	0.0	
1.00000	15.00000	0.00000	-50.922	-0.50000	0.0	0.0	0.0	
2.00000	15.00000	0.00000	-62.079	-0.50000	0.0	0.0	0.0	
3.00000	15.00000	0.00000	-72.809	-0.50000	0.0	0.0	0.0	
4.00000	15.00000	0.00000	-78.623	-0.50000	0.0	0.0	0.0	
5.00000	15.00000	0.00000	-82.931	-0.50000	0.0	0.0	0.0	
6.00000	15.00000	0.00000	-86.349	-0.50000	0.0	0.0	0.0	
7.00000	15.00000	0.00000	-89.151	-0.50000	0.0	0.0	0.0	
8.00000	15.00000	0.00000	-91.489	-0.50000	0.0	0.0	0.0	
9.00000	15.00000	0.00000	-93.463	-0.50000	0.0	0.0	0.0	
10.00000	15.00000	0.00000	-95.137	-0.50000	0.0	0.0	0.0	
11.00000	15.00000	0.00000	-96.561	-0.50000	0.0	0.0	0.0	
12.00000	15.00000	0.00000	-97.771	-0.50000	0.0	0.0	0.0	
13.00000	15.00000	0.00000	-98.792	-0.50000	0.0	0.0	0.0	
14.00000	15.00000	0.00000	-99.647	-0.50000	0.0	0.0	0.0	
15.00000	15.00000	0.00000	-100.35	-0.50000	0.0	0.0	0.0	
16.00000	15.00000	0.00000	-100.92	-0.50000	0.0	0.0	0.0	
17.00000	15.00000	0.00000	-101.35	-0.50000	0.0	0.0	0.0	
18.00000	15.00000	0.00000	-101.66	-0.50000	0.0	0.0	0.0	
19.00000	15.00000	0.00000	-101.85	-0.50000	0.0	0.0	0.0	
20.00000	15.00000	0.00000	-101.92	-0.50000	0.0	0.0	0.0	
21.00000	15.00000	0.00000	-101.87	-0.50000	0.0	0.0	0.0	
22.00000	15.00000	0.00000	-101.70	-0.50000	0.0	0.0	0.0	
23.00000	15.00000	0.00000	-101.40	-0.50000	0.0	0.0	0.0	
24.00000	15.00000	0.00000	-100.96	-0.50000	0.0	0.0	0.0	
25.00000	15.00000	0.00000	-100.38	-0.50000	0.0	0.0	0.0	
26.00000	15.00000	0.00000	-99.648	-0.50000	0.0	0.0	0.0	
27.00000	15.00000	0.00000	-98.741	-0.50000	0.0	0.0	0.0	
28.00000	15.00000	0.00000	-97.643	-0.50000	0.0	0.0	0.0	
29.00000	15.00000	0.00000	-96.329	-0.50000	0.0	0.0	0.0	
30.00000	15.00000	0.00000	-94.765	-0.50000	0.0	0.0	0.0	
31.00000	15.00000	0.00000	-92.910	-0.50000	0.0	0.0		



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	15.00000	17.00000	0.00000	-99.968	-0.50000	0.0	0.0	0.0
	16.00000	17.00000	0.00000	-100.53	-0.50000	0.0	0.0	0.0
	17.00000	17.00000	0.00000	-100.97	-0.50000	0.0	0.0	0.0
	18.00000	17.00000	0.00000	-101.29	-0.50000	0.0	0.0	0.0
	19.00000	17.00000	0.00000	-101.49	-0.50000	0.0	0.0	0.0
	20.00000	17.00000	0.00000	-101.58	-0.50000	0.0	0.0	0.0
	21.00000	17.00000	0.00000	-101.55	-0.50000	0.0	0.0	0.0
	22.00000	17.00000	0.00000	-101.40	-0.50000	0.0	0.0	0.0
	23.00000	17.00000	0.00000	-101.12	-0.50000	0.0	0.0	0.0
	24.00000	17.00000	0.00000	-100.71	-0.50000	0.0	0.0	0.0
	25.00000	17.00000	0.00000	-100.15	-0.50000	0.0	0.0	0.0
	26.00000	17.00000	0.00000	-99.438	-0.50000	0.0	0.0	0.0
	27.00000	17.00000	0.00000	-98.552	-0.50000	0.0	0.0	0.0
	28.00000	17.00000	0.00000	-97.474	-0.50000	0.0	0.0	0.0
	29.00000	17.00000	0.00000	-96.177	-0.50000	0.0	0.0	0.0
	30.00000	17.00000	0.00000	-94.630	-0.50000	0.0	0.0	0.0
	31.00000	17.00000	0.00000	-92.790	-0.50000	0.0	0.0	0.0
	32.00000	17.00000	0.00000	-90.600	-0.50000	0.0	0.0	0.0
	33.00000	17.00000	0.00000	-87.984	-0.50000	0.0	0.0	0.0
	34.00000	17.00000	0.00000	-84.828	-0.50000	0.0	0.0	0.0
	35.00000	17.00000	0.00000	-80.954	-0.50000	0.0	0.0	0.0
	36.00000	17.00000	0.00000	-76.056	-0.50000	0.0	0.0	0.0
	37.00000	17.00000	0.00000	-69.478	-0.50000	0.0	0.0	0.0
	38.00000	17.00000	0.00000	-57.876	-0.50000	0.0	0.0	0.0
	39.00000	17.00000	0.00000	-46.259	-0.50000	0.0	0.0	0.0
	40.00000	17.00000	0.00000	-34.634	-0.50000	0.0	0.0	0.0
	41.00000	17.00000	0.00000	-34.659	-0.50000	0.0	0.0	0.0
	42.00000	17.00000	0.00000	-30.677	-0.50000	0.0	0.0	0.0
	43.00000	17.00000	0.00000	-27.381	-0.50000	0.0	0.0	0.0
	44.00000	17.00000	0.00000	-24.592	-0.50000	0.0	0.0	0.0
	45.00000	17.00000	0.00000	-22.196	-0.50000	0.0	0.0	0.0
	46.00000	17.00000	0.00000	-20.115	-0.50000	0.0	0.0	0.0
	47.00000	17.00000	0.00000	-18.292	-0.50000	0.0	0.0	0.0
	48.00000	17.00000	0.00000	-16.683	-0.50000	0.0	0.0	0.0
	49.00000	17.00000	0.00000	-15.254	-0.50000	0.0	0.0	0.0
	50.00000	17.00000	0.00000	-13.978	-0.50000	0.0	0.0	0.0
	51.00000	17.00000	0.00000	-12.835	-0.50000	0.0	0.0	0.0
	52.00000	17.00000	0.00000	-11.806	-0.50000	0.0	0.0	0.0
	53.00000	17.00000	0.00000	-10.877	-0.50000	0.0	0.0	0.0
	54.00000	17.00000	0.00000	-10.036	-0.50000	0.0	0.0	0.0
	55.00000	17.00000	0.00000	-9.2716	-0.50000	0.0	0.0	0.0
	56.00000	17.00000	0.00000	-8.5759	-0.50000	0.0	0.0	0.0
	57.00000	17.00000	0.00000	-7.9410	-0.50000	0.0	0.0	0.0
	58.00000	17.00000	0.00000	-7.3694	-0.50000	0.0	0.0	0.0
	59.00000	17.00000	0.00000	-6.8285	-0.50000	0.0	0.0	0.0
	60.00000	17.00000	0.00000	-6.3404	-0.50000	0.0	0.0	0.0
	-6.00000	18.00000	0.00000	-6.4918	-0.50000	0.0	0.0	0.0
	-19.00000	18.00000	0.00000	-7.0004	-0.50000	0.0	0.0	0.0
	-18.00000	18.00000	0.00000	-7.5563	-0.50000	0.0	0.0	0.0
	-17.00000	18.00000	0.00000	-8.1652	-0.50000	0.0	0.0	0.0
	-16.00000	18.00000	0.00000	-8.8337	-0.50000	0.0	0.0	0.0
	-15.00000	18.00000	0.00000	-9.5694	-0.50000	0.0	0.0	0.0
	-14.00000	18.00000	0.00000	-10.382	-0.50000	0.0	0.0	0.0
	-13.00000	18.00000	0.00000	-11.281	-0.50000	0.0	0.0	0.0
	-12.00000	18.00000	0.00000	-12.281	-0.50000	0.0	0.0	0.0
	-11.00000	18.00000	0.00000	-13.396	-0.50000	0.0	0.0	0.0
	-10.00000	18.00000	0.00000	-14.647	-0.50000	0.0	0.0	0.0
	-9.00000	18.00000	0.00000	-16.058	-0.50000	0.0	0.0	0.0
	-8.00000	18.00000	0.00000	-17.658	-0.50000	0.0	0.0	0.0
	-7.00000	18.00000	0.00000	-19.488	-0.50000	0.0	0.0	0.0
	-6.00000	18.00000	0.00000	-21.601	-0.50000	0.0	0.0	0.0
	-5.00000	18.00000	0.00000	-24.071	-0.50000	0.0	0.0	0.0
	-4.00000	18.00000	0.00000	-27.005	-0.50000	0.0	0.0	0.0
	-3.00000	18.00000	0.00000	-30.577	-0.50000	0.0	0.0	0.0
	-2.00000	18.00000	0.00000	-35.094	-0.50000	0.0	0.0	0.0
	-1.00000	18.00000	0.00000	-41.236	-0.50000	0.0	0.0	0.0
	0.00000	18.00000	0.00000	-52.428	-0.50000	0.0	0.0	0.0
	1.00000	18.00000	0.00000	-63.818	-0.50000	0.0	0.0	0.0
	2.00000	18.00000	0.00000	-70.493	-0.50000	0.0	0.0	0.0
	3.00000	18.00000	0.00000	-75.705	-0.50000	0.0	0.0	0.0
	4.00000	18.00000	0.00000	-79.960	-0.50000	0.0	0.0	0.0
	5.00000	18.00000	0.00000	-83.486	-0.50000	0.0	0.0	0.0
	6.00000	18.00000	0.00000	-86.441	-0.50000	0.0	0.0	0.0
	7.00000	18.00000	0.00000	-88.942	-0.50000	0.0	0.0	0.0
	8.00000	18.00000	0.00000	-91.072	-0.50000	0.0	0.0	0.0
	9.00000	18.00000	0.00000	-92.896	-0.50000	0.0	0.0	0.0
	10.00000	18.00000	0.00000	-94.461	-0.50000	0.0	0.0	0.0
	11.00000	18.00000	0.00000	-95.806	-0.50000	0.0	0.0	0.0
	12.00000	18.00000	0.00000	-96.958	-0.50000	0.0	0.0	0.0
	13.00000	18.00000	0.00000	-97.940	-0.50000	0.0	0.0	0.0
	14.00000	18.00000	0.00000	-98.770	-0.50000	0.0	0.0	0.0
	15.00000	18.00000	0.00000	-99.462	-0.50000	0.0	0.0	0.0
	16.00000	18.00000	0.00000	-100.02	-0.50000	0.0	0.0	0.0
	17.00000	18.00000	0.00000	-100.47	-0.50000	0.0	0.0	0.0
	18.00000	18.00000	0.00000	-100.79	-0.50000	0.0	0.0	0.0
	19.00000	18.00000	0.00000	-101.01	-0.50000	0.0	0.0	0.0
	20.00000	18.00000	0.00000	-101.10	-0.50000	0.0	0.0	0.0
	21.00000	18.00000	0.00000	-101.09	-0.50000	0.0	0.0	0.0
	22.00000	18.00000	0.00000	-100.95	-0.50000	0.0	0.0	0.0
	23.00000	18.00000	0.00000	-100.69	-0.50000	0.0	0.0	0.0
	24.00000	18.00000	0.00000	-100.30	-0.50000	0.0	0.0	0.0
	25.00000	18.00000	0.00000	-99.760	-0.50000	0.0	0.0	0.0
	26.00000	18.00000	0.00000	-99.066	-0.50000	0.0	0.0	0.0
	27.00000	18.00000	0.00000	-98.198	-0.50000	0.0	0.0	0.0
	28.00000	18.00000	0.00000	-97.137	-0.50000	0.0	0.0	0.0
	29.00000	18.00000	0.00000	-95.858	-0.50000	0.0	0.0	0.0
	30.00000	18.00000	0.00000	-94.327	-0.50000	0.0	0.0	0.0
	31.00000	18.00000	0.00000	-92.504	-0.50000	0.0	0.0	0.0
	32.00000	18.00000	0.00000	-90.331	-0.50000	0.0	0.0	0.0
	33.00000	18.00000	0.00000	-87.730	-0.50000	0.0	0.0	0.0
	34.00000	18.00000	0.00000	-84.589	-0.50000	0.0	0.0	0.0
	35.00000	18.00000	0.00000	-80.733	-0.50000	0.0	0.0	0.0
	36.00000	18.00000	0.00000	-76.848	-0.50000	0.0	0.0	0.0
	37.00000	18.00000	0.00000	-69.285	-0.50000	0.0	0.0	0.0
	38.00000	18.00000	0.00000	-57.698	-0.50000	0.0	0.0	0.0
	39.00000	18.00000	0.00000	-46.095	-0.50000	0.0	0.0	0.0
	40.00000	18.00000	0.00000	-39.484	-0.50000	0.0	0.0	0.0
	41.00000	18.00000	0.00000	-34.522	-0.50000	0.0	0.0	0.0
	42.00000	18.00000	0.00000	-30.552	-0.50000	0.0	0.0	0.0
	43.00000	18.00000	0.00000	-27.267	-0.50000	0.0	0.0	0.0
	44.00000	18.00000	0.00000	-24.489	-0.50000	0.0	0.0	0.0
	45.00000	18.00000	0.00000	-22.104	-0.50000	0.0	0.0	0.0
	46.00000	18.00000	0.00000	-20.032	-0.50000	0.0	0.0	0.0
	47.00000	18.00000	0.00000	-18.217	-0.50000	0.0	0.0	0.0
	48.00000	18.00000	0.00000	-16.615	-0.50000	0.0	0.0	0.0
	49.00000	18.00000	0.00000	-15.193	-0.50000	0.0	0.0	0.0
	50.00000	18.00000	0.00000	-13.924	-0.50000	0.0	0.0	0.0
	51.00000	18.00000	0.00000	-12.786	-0.50000	0.0	0.0	0.0
	52.00000	18.00000	0.00000	-11.762	-0.50000	0.0	0.0	0.0
	53.00000	18.00000	0.00000	-10.838	-0.50000	0.0	0.0	0.0
	54.00000	18.00000	0.00000	-10.000	-0.50000	0.0	0.0	0.0
	55.00000	18.00000	0.00000	-9.2396	-0.50000	0.0	0.0	0.0
	56.00000	18.00000	0.00000	-8.5470	-0.50000	0.0	0.0	0.0
	57.00000	18.00000	0.00000	-7.9149	-0.50000	0.0	0.0	0.0
	58.00000	18.00000	0.00000	-7.3369	-0.50000	0.0	0.0	0.0
	59.00000	18.00000	0.00000	-6.8073	-0.50000	0.0	0.0	0.0
	60.00000	18.00000	0.00000	-6.3211	-0.50000	0.0	0.0	0.0
	-20.00000	19.00000	0.00000	-6.4584	-0.50000	0.0	0.0	0.0
	-19.00000	19.00000	0.00000	-6.9638	-0.50000	0.0	0.0	0.0
	-18.00000	19.00000	0.00000	-7.5161	-0.50000	0.0	0.0	0.0
	-17.00000	19.00000	0.00000	-8.1211	-0.50000	0.0		



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	54.00000	20.00000	0.00000	-9.8688	-0.50000	0.0	0.0	0.0
	55.00000	20.00000	0.00000	-9.1213	-0.50000	0.0	0.0	0.0
	56.00000	20.00000	0.00000	-8.4405	-0.50000	0.0	0.0	0.0
	57.00000	20.00000	0.00000	-7.8189	-0.50000	0.0	0.0	0.0
	58.00000	20.00000	0.00000	-7.2502	-0.50000	0.0	0.0	0.0
	59.00000	20.00000	0.00000	-6.7288	-0.50000	0.0	0.0	0.0
	60.00000	20.00000	0.00000	-6.2503	-0.50000	0.0	0.0	0.0
	-20.00000	21.00000	0.00000	-6.3557	-0.50000	0.0	0.0	0.0
	-19.00000	21.00000	0.00000	-6.8503	-0.50000	0.0	0.0	0.0
	-18.00000	21.00000	0.00000	-7.3905	-0.50000	0.0	0.0	0.0
	-17.00000	21.00000	0.00000	-7.9821	-0.50000	0.0	0.0	0.0
	-16.00000	21.00000	0.00000	-8.6314	-0.50000	0.0	0.0	0.0
	-15.00000	21.00000	0.00000	-9.3460	-0.50000	0.0	0.0	0.0
	-14.00000	21.00000	0.00000	-10.135	-0.50000	0.0	0.0	0.0
	-13.00000	21.00000	0.00000	-11.009	-0.50000	0.0	0.0	0.0
	-12.00000	21.00000	0.00000	-11.982	-0.50000	0.0	0.0	0.0
	-11.00000	21.00000	0.00000	-13.068	-0.50000	0.0	0.0	0.0
	-10.00000	21.00000	0.00000	-14.289	-0.50000	0.0	0.0	0.0
	-9.00000	21.00000	0.00000	-15.669	-0.50000	0.0	0.0	0.0
	-8.00000	21.00000	0.00000	-17.240	-0.50000	0.0	0.0	0.0
	-7.00000	21.00000	0.00000	-19.046	-0.50000	0.0	0.0	0.0
	-6.00000	21.00000	0.00000	-21.143	-0.50000	0.0	0.0	0.0
	-5.00000	21.00000	0.00000	-23.611	-0.50000	0.0	0.0	0.0
	-4.00000	21.00000	0.00000	-26.570	-0.50000	0.0	0.0	0.0
	-3.00000	21.00000	0.00000	-30.202	-0.50000	0.0	0.0	0.0
	-2.00000	21.00000	0.00000	-34.827	-0.50000	0.0	0.0	0.0
	-1.00000	21.00000	0.00000	-41.116	-0.50000	0.0	0.0	0.0
	0.00000	21.00000	0.00000	-52.431	-0.50000	0.0	0.0	0.0
	1.00000	21.00000	0.00000	-63.781	-0.50000	0.0	0.0	0.0
	2.00000	21.00000	0.00000	-70.168	-0.50000	0.0	0.0	0.0
	3.00000	21.00000	0.00000	-74.938	-0.50000	0.0	0.0	0.0
	4.00000	21.00000	0.00000	-78.739	-0.50000	0.0	0.0	0.0
	5.00000	21.00000	0.00000	-81.872	-0.50000	0.0	0.0	0.0
	6.00000	21.00000	0.00000	-84.506	-0.50000	0.0	0.0	0.0
	7.00000	21.00000	0.00000	-86.747	-0.50000	0.0	0.0	0.0
	8.00000	21.00000	0.00000	-88.670	-0.50000	0.0	0.0	0.0
	9.00000	21.00000	0.00000	-90.328	-0.50000	0.0	0.0	0.0
	10.00000	21.00000	0.00000	-91.764	-0.50000	0.0	0.0	0.0
	11.00000	21.00000	0.00000	-93.007	-0.50000	0.0	0.0	0.0
	12.00000	21.00000	0.00000	-94.084	-0.50000	0.0	0.0	0.0
	13.00000	21.00000	0.00000	-95.013	-0.50000	0.0	0.0	0.0
	14.00000	21.00000	0.00000	-95.810	-0.50000	0.0	0.0	0.0
	15.00000	21.00000	0.00000	-96.487	-0.50000	0.0	0.0	0.0
	16.00000	21.00000	0.00000	-97.054	-0.50000	0.0	0.0	0.0
	17.00000	21.00000	0.00000	-97.516	-0.50000	0.0	0.0	0.0
	18.00000	21.00000	0.00000	-97.878	-0.50000	0.0	0.0	0.0
	19.00000	21.00000	0.00000	-98.142	-0.50000	0.0	0.0	0.0
	20.00000	21.00000	0.00000	-98.305	-0.50000	0.0	0.0	0.0
	21.00000	21.00000	0.00000	-98.365	-0.50000	0.0	0.0	0.0
	22.00000	21.00000	0.00000	-98.314	-0.50000	0.0	0.0	0.0
	23.00000	21.00000	0.00000	-98.143	-0.50000	0.0	0.0	0.0
	24.00000	21.00000	0.00000	-97.843	-0.50000	0.0	0.0	0.0
	25.00000	21.00000	0.00000	-97.399	-0.50000	0.0	0.0	0.0
	26.00000	21.00000	0.00000	-96.798	-0.50000	0.0	0.0	0.0
	27.00000	21.00000	0.00000	-96.022	-0.50000	0.0	0.0	0.0
	28.00000	21.00000	0.00000	-95.052	-0.50000	0.0	0.0	0.0
	29.00000	21.00000	0.00000	-93.861	-0.50000	0.0	0.0	0.0
	30.00000	21.00000	0.00000	-92.418	-0.50000	0.0	0.0	0.0
	31.00000	21.00000	0.00000	-90.683	-0.50000	0.0	0.0	0.0
	32.00000	21.00000	0.00000	-88.599	-0.50000	0.0	0.0	0.0
	33.00000	21.00000	0.00000	-86.089	-0.50000	0.0	0.0	0.0
	34.00000	21.00000	0.00000	-83.039	-0.50000	0.0	0.0	0.0
	35.00000	21.00000	0.00000	-79.275	-0.50000	0.0	0.0	0.0
	36.00000	21.00000	0.00000	-74.486	-0.50000	0.0	0.0	0.0
	37.00000	21.00000	0.00000	-68.018	-0.50000	0.0	0.0	0.0
	38.00000	21.00000	0.00000	-56.525	-0.50000	0.0	0.0	0.0
	39.00000	21.00000	0.00000	-45.016	-0.50000	0.0	0.0	0.0
	40.00000	21.00000	0.00000	-38.496	-0.50000	0.0	0.0	0.0
	41.00000	21.00000	0.00000	-33.621	-0.50000	0.0	0.0	0.0
	42.00000	21.00000	0.00000	-29.735	-0.50000	0.0	0.0	0.0
	43.00000	21.00000	0.00000	-26.528	-0.50000	0.0	0.0	0.0
	44.00000	21.00000	0.00000	-23.822	-0.50000	0.0	0.0	0.0
	45.00000	21.00000	0.00000	-21.503	-0.50000	0.0	0.0	0.0
	46.00000	21.00000	0.00000	-19.493	-0.50000	0.0	0.0	0.0
	47.00000	21.00000	0.00000	-17.733	-0.50000	0.0	0.0	0.0
	48.00000	21.00000	0.00000	-16.181	-0.50000	0.0	0.0	0.0
	49.00000	21.00000	0.00000	-14.804	-0.50000	0.0	0.0	0.0
	50.00000	21.00000	0.00000	-13.575	-0.50000	0.0	0.0	0.0
	51.00000	21.00000	0.00000	-12.473	-0.50000	0.0	0.0	0.0
	52.00000	21.00000	0.00000	-11.481	-0.50000	0.0	0.0	0.0
	53.00000	21.00000	0.00000	-10.585	-0.50000	0.0	0.0	0.0
	54.00000	21.00000	0.00000	-9.7735	-0.50000	0.0	0.0	0.0
	55.00000	21.00000	0.00000	-9.0357	-0.50000	0.0	0.0	0.0
	56.00000	21.00000	0.00000	-8.3634	-0.50000	0.0	0.0	0.0
	57.00000	21.00000	0.00000	-7.7494	-0.50000	0.0	0.0	0.0
	58.00000	21.00000	0.00000	-7.1875	-0.50000	0.0	0.0	0.0
	59.00000	21.00000	0.00000	-6.6723	-0.50000	0.0	0.0	0.0
	60.00000	21.00000	0.00000	-6.1991	-0.50000	0.0	0.0	0.0
	-20.00000	22.00000	0.00000	-6.2869	-0.50000	0.0	0.0	0.0
	-19.00000	22.00000	0.00000	-6.7739	-0.50000	0.0	0.0	0.0
	-18.00000	22.00000	0.00000	-7.3058	-0.50000	0.0	0.0	0.0
	-17.00000	22.00000	0.00000	-7.8878	-0.50000	0.0	0.0	0.0
	-16.00000	22.00000	0.00000	-8.5266	-0.50000	0.0	0.0	0.0
	-15.00000	22.00000	0.00000	-9.2292	-0.50000	0.0	0.0	0.0
	-14.00000	22.00000	0.00000	-10.005	-0.50000	0.0	0.0	0.0
	-13.00000	22.00000	0.00000	-10.863	-0.50000	0.0	0.0	0.0
	-12.00000	22.00000	0.00000	-11.818	-0.50000	0.0	0.0	0.0
	-11.00000	22.00000	0.00000	-12.885	-0.50000	0.0	0.0	0.0
	-10.00000	22.00000	0.00000	-14.084	-0.50000	0.0	0.0	0.0
	-9.00000	22.00000	0.00000	-15.439	-0.50000	0.0	0.0	0.0
	-8.00000	22.00000	0.00000	-16.983	-0.50000	0.0	0.0	0.0
	-7.00000	22.00000	0.00000	-18.757	-0.50000	0.0	0.0	0.0
	-6.00000	22.00000	0.00000	-20.819	-0.50000	0.0	0.0	0.0
	-5.00000	22.00000	0.00000	-23.249	-0.50000	0.0	0.0	0.0
	-4.00000	22.00000	0.00000	-26.165	-0.50000	0.0	0.0	0.0
	-3.00000	22.00000	0.00000	-29.750	-0.50000	0.0	0.0	0.0
	-2.00000	22.00000	0.00000	-34.322	-0.50000	0.0	0.0	0.0
	-1.00000	22.00000	0.00000	-40.550	-0.50000	0.0	0.0	0.0
	0.00000	22.00000	0.00000	-51.793	-0.50000	0.0	0.0	0.0
	1.00000	22.00000	0.00000	-63.057	-0.50000	0.0	0.0	0.0
	2.00000	22.00000	0.00000	-69.347	-0.50000	0.0	0.0	0.0
	3.00000	22.00000	0.00000	-74.011	-0.50000	0.0	0.0	0.0
	4.00000	22.00000	0.00000	-77.706	-0.50000	0.0	0.0	0.0
	5.00000	22.00000	0.00000	-80.738	-0.50000	0.0	0.0	0.0
	6.00000	22.00000	0.00000	-83.280	-0.50000	0.0	0.0	0.0
	7.00000	22.00000	0.00000	-85.441	-0.50000	0.0	0.0	0.0
	8.00000	22.00000	0.00000	-87.296	-0.50000	0.0	0.0	0.0
	9.00000	22.00000	0.00000	-88.897	-0.50000	0.0	0.0	0.0
	10.00000	22.00000	0.00000	-90.286	-0.50000	0.0	0.0	0.0
	11.00000	22.00000	0.00000	-91.493	-0.50000	0.0	0.0	0.0
	12.00000	22.00000	0.00000	-92.542	-0.50000	0.0	0.0	0.0
	13.00000	22.00000	0.00000	-93.451	-0.50000	0.0	0.0	0.0
	14.00000	22.00000	0.00000	-94.237	-0.50000	0.0	0.0	0.0
	15.00000	22.00000	0.00000	-94.911	-0.50000	0.0	0.0	0.0
	16.00000	22.00000	0.00000	-95.482	-0.50000	0.0	0.0	0.0
	17.00000	22.00000	0.00000	-95.957	-0.50000	0.0	0.0	0.0
	18.00000	22.00000	0.00000	-96.340	-0.50000	0.0	0.0	0.0
	19.00000	22.00000	0.00000	-96.632	-0.50000	0.0	0.0	0.0
	20.00000	22.00000	0.00000	-96.832	-0.50000	0.0	0.0	0.0
	21.00000	22.00000	0.00000	-96.934	-0.50000	0.0	0.0	0.0
	22.00000	22.00000	0.00000	-96.930	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		Vert Strain [-]
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	
	12.00000	24.00000	0.00000	-88.265	-0.50000	0.0	0.0	0.0
	13.00000	24.00000	0.00000	-89.133	-0.50000	0.0	0.0	0.0
	14.00000	24.00000	0.00000	-89.896	-0.50000	0.0	0.0	0.0
	15.00000	24.00000	0.00000	-90.565	-0.50000	0.0	0.0	0.0
	16.00000	24.00000	0.00000	-91.153	-0.50000	0.0	0.0	0.0
	17.00000	24.00000	0.00000	-91.666	-0.50000	0.0	0.0	0.0
	18.00000	24.00000	0.00000	-92.112	-0.50000	0.0	0.0	0.0
	19.00000	24.00000	0.00000	-92.492	-0.50000	0.0	0.0	0.0
	20.00000	24.00000	0.00000	-92.805	-0.50000	0.0	0.0	0.0
	21.00000	24.00000	0.00000	-93.042	-0.50000	0.0	0.0	0.0
	22.00000	24.00000	0.00000	-93.189	-0.50000	0.0	0.0	0.0
	23.00000	24.00000	0.00000	-93.226	-0.50000	0.0	0.0	0.0
	24.00000	24.00000	0.00000	-93.131	-0.50000	0.0	0.0	0.0
	25.00000	24.00000	0.00000	-92.884	-0.50000	0.0	0.0	0.0
	26.00000	24.00000	0.00000	-92.465	-0.50000	0.0	0.0	0.0
	27.00000	24.00000	0.00000	-91.860	-0.50000	0.0	0.0	0.0
	28.00000	24.00000	0.00000	-91.049	-0.50000	0.0	0.0	0.0
	29.00000	24.00000	0.00000	-90.013	-0.50000	0.0	0.0	0.0
	30.00000	24.00000	0.00000	-89.724	-0.50000	0.0	0.0	0.0
	31.00000	24.00000	0.00000	-87.143	-0.50000	0.0	0.0	0.0
	32.00000	24.00000	0.00000	-85.218	-0.50000	0.0	0.0	0.0
	33.00000	24.00000	0.00000	-82.874	-0.50000	0.0	0.0	0.0
	34.00000	24.00000	0.00000	-80.000	-0.50000	0.0	0.0	0.0
	35.00000	24.00000	0.00000	-76.418	-0.50000	0.0	0.0	0.0
	36.00000	24.00000	0.00000	-71.820	-0.50000	0.0	0.0	0.0
	37.00000	24.00000	0.00000	-65.548	-0.50000	0.0	0.0	0.0
	38.00000	24.00000	0.00000	-54.254	-0.50000	0.0	0.0	0.0
	39.00000	24.00000	0.00000	-42.941	-0.50000	0.0	0.0	0.0
	40.00000	24.00000	0.00000	-36.613	-0.50000	0.0	0.0	0.0
	41.00000	24.00000	0.00000	-31.921	-0.50000	0.0	0.0	0.0
	42.00000	24.00000	0.00000	-28.207	-0.50000	0.0	0.0	0.0
	43.00000	24.00000	0.00000	-25.159	-0.50000	0.0	0.0	0.0
	44.00000	24.00000	0.00000	-22.598	-0.50000	0.0	0.0	0.0
	45.00000	24.00000	0.00000	-20.411	-0.50000	0.0	0.0	0.0
	46.00000	24.00000	0.00000	-18.518	-0.50000	0.0	0.0	0.0
	47.00000	24.00000	0.00000	-16.864	-0.50000	0.0	0.0	0.0
	48.00000	24.00000	0.00000	-15.406	-0.50000	0.0	0.0	0.0
	49.00000	24.00000	0.00000	-14.112	-0.50000	0.0	0.0	0.0
	50.00000	24.00000	0.00000	-12.957	-0.50000	0.0	0.0	0.0
	51.00000	24.00000	0.00000	-11.921	-0.50000	0.0	0.0	0.0
	52.00000	24.00000	0.00000	-10.987	-0.50000	0.0	0.0	0.0
	53.00000	24.00000	0.00000	-10.143	-0.50000	0.0	0.0	0.0
	54.00000	24.00000	0.00000	-9.3761	-0.50000	0.0	0.0	0.0
	55.00000	24.00000	0.00000	-8.6787	-0.50000	0.0	0.0	0.0
	56.00000	24.00000	0.00000	-8.0422	-0.50000	0.0	0.0	0.0
	57.00000	24.00000	0.00000	-7.4601	-0.50000	0.0	0.0	0.0
	58.00000	24.00000	0.00000	-6.9266	-0.50000	0.0	0.0	0.0
	59.00000	24.00000	0.00000	-6.4367	-0.50000	0.0	0.0	0.0
	60.00000	24.00000	0.00000	-5.9860	-0.50000	0.0	0.0	0.0
	-20.00000	25.00000	0.00000	-6.0158	-0.50000	0.0	0.0	0.0
	-19.00000	25.00000	0.00000	-6.4728	-0.50000	0.0	0.0	0.0
	-18.00000	25.00000	0.00000	-6.9707	-0.50000	0.0	0.0	0.0
	-17.00000	25.00000	0.00000	-7.5143	-0.50000	0.0	0.0	0.0
	-16.00000	25.00000	0.00000	-8.1092	-0.50000	0.0	0.0	0.0
	-15.00000	25.00000	0.00000	-8.7618	-0.50000	0.0	0.0	0.0
	-14.00000	25.00000	0.00000	-9.4801	-0.50000	0.0	0.0	0.0
	-13.00000	25.00000	0.00000	-10.273	-0.50000	0.0	0.0	0.0
	-12.00000	25.00000	0.00000	-11.152	-0.50000	0.0	0.0	0.0
	-11.00000	25.00000	0.00000	-12.132	-0.50000	0.0	0.0	0.0
	-10.00000	25.00000	0.00000	-13.228	-0.50000	0.0	0.0	0.0
	-9.00000	25.00000	0.00000	-14.464	-0.50000	0.0	0.0	0.0
	-8.00000	25.00000	0.00000	-15.867	-0.50000	0.0	0.0	0.0
	-7.00000	25.00000	0.00000	-17.475	-0.50000	0.0	0.0	0.0
	-6.00000	25.00000	0.00000	-19.341	-0.50000	0.0	0.0	0.0
	-5.00000	25.00000	0.00000	-21.537	-0.50000	0.0	0.0	0.0
	-4.00000	25.00000	0.00000	-24.174	-0.50000	0.0	0.0	0.0
	-3.00000	25.00000	0.00000	-27.429	-0.50000	0.0	0.0	0.0
	-2.00000	25.00000	0.00000	-31.615	-0.50000	0.0	0.0	0.0
	-1.00000	25.00000	0.00000	-37.406	-0.50000	0.0	0.0	0.0
	0.00000	25.00000	0.00000	-48.172	-0.50000	0.0	0.0	0.0
	1.00000	25.00000	0.00000	-58.943	-0.50000	0.0	0.0	0.0
	2.00000	25.00000	0.00000	-64.750	-0.50000	0.0	0.0	0.0
	3.00000	25.00000	0.00000	-68.960	-0.50000	0.0	0.0	0.0
	4.00000	25.00000	0.00000	-72.244	-0.50000	0.0	0.0	0.0
	5.00000	25.00000	0.00000	-74.912	-0.50000	0.0	0.0	0.0
	6.00000	25.00000	0.00000	-77.138	-0.50000	0.0	0.0	0.0
	7.00000	25.00000	0.00000	-79.028	-0.50000	0.0	0.0	0.0
	8.00000	25.00000	0.00000	-80.654	-0.50000	0.0	0.0	0.0
	9.00000	25.00000	0.00000	-82.066	-0.50000	0.0	0.0	0.0
	10.00000	25.00000	0.00000	-83.300	-0.50000	0.0	0.0	0.0
	11.00000	25.00000	0.00000	-84.384	-0.50000	0.0	0.0	0.0
	12.00000	25.00000	0.00000	-85.340	-0.50000	0.0	0.0	0.0
	13.00000	25.00000	0.00000	-86.186	-0.50000	0.0	0.0	0.0
	14.00000	25.00000	0.00000	-86.936	-0.50000	0.0	0.0	0.0
	15.00000	25.00000	0.00000	-87.606	-0.50000	0.0	0.0	0.0
	16.00000	25.00000	0.00000	-88.205	-0.50000	0.0	0.0	0.0
	17.00000	25.00000	0.00000	-88.745	-0.50000	0.0	0.0	0.0
	18.00000	25.00000	0.00000	-89.235	-0.50000	0.0	0.0	0.0
	19.00000	25.00000	0.00000	-89.681	-0.50000	0.0	0.0	0.0
	20.00000	25.00000	0.00000	-90.082	-0.50000	0.0	0.0	0.0
	21.00000	25.00000	0.00000	-90.431	-0.50000	0.0	0.0	0.0
	22.00000	25.00000	0.00000	-90.705	-0.50000	0.0	0.0	0.0
	23.00000	25.00000	0.00000	-90.872	-0.50000	0.0	0.0	0.0
	24.00000	25.00000	0.00000	-90.899	-0.50000	0.0	0.0	0.0
	25.00000	25.00000	0.00000	-90.759	-0.50000	0.0	0.0	0.0
	26.00000	25.00000	0.00000	-90.434	-0.50000	0.0	0.0	0.0
	27.00000	25.00000	0.00000	-89.908	-0.50000	0.0	0.0	0.0
	28.00000	25.00000	0.00000	-89.170	-0.50000	0.0	0.0	0.0
	29.00000	25.00000	0.00000	-88.202	-0.50000	0.0	0.0	0.0
	30.00000	25.00000	0.00000	-86.979	-0.50000	0.0	0.0	0.0
	31.00000	25.00000	0.00000	-85.466	-0.50000	0.0	0.0	0.0
	32.00000	25.00000	0.00000	-83.612	-0.50000	0.0	0.0	0.0
	33.00000	25.00000	0.00000	-81.345	-0.50000	0.0	0.0	0.0
	34.00000	25.00000	0.00000	-78.553	-0.50000	0.0	0.0	0.0
	35.00000	25.00000	0.00000	-75.061	-0.50000	0.0	0.0	0.0
	36.00000	25.00000	0.00000	-70.558	-0.50000	0.0	0.0	0.0
	37.00000	25.00000	0.00000	-64.385	-0.50000	0.0	0.0	0.0
	38.00000	25.00000	0.00000	-53.193	-0.50000	0.0	0.0	0.0
	39.00000	25.00000	0.00000	-41.981	-0.50000	0.0	0.0	0.0
	40.00000	25.00000	0.00000	-36.751	-0.50000	0.0	0.0	0.0
	41.0							



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
51.00000	27.00000	0.00000	-11.155	-0.50000	0.0	0.0	0.0	
52.00000	27.00000	0.00000	-10.303	-0.50000	0.0	0.0	0.0	
53.00000	27.00000	0.00000	-9.5312	-0.50000	0.0	0.0	0.0	
54.00000	27.00000	0.00000	-8.8285	-0.50000	0.0	0.0	0.0	
55.00000	27.00000	0.00000	-8.1871	-0.50000	0.0	0.0	0.0	
56.00000	27.00000	0.00000	-7.6003	-0.50000	0.0	0.0	0.0	
57.00000	27.00000	0.00000	-7.0622	-0.50000	0.0	0.0	0.0	
58.00000	27.00000	0.00000	-6.5677	-0.50000	0.0	0.0	0.0	
59.00000	27.00000	0.00000	-6.1125	-0.50000	0.0	0.0	0.0	
60.00000	27.00000	0.00000	-5.6928	-0.50000	0.0	0.0	0.0	
-20.00000	28.00000	0.00000	-5.6614	-0.50000	0.0	0.0	0.0	
19.00000	28.00000	0.00000	-6.0790	-0.50000	0.0	0.0	0.0	
-18.00000	28.00000	0.00000	-6.5321	-0.50000	0.0	0.0	0.0	
-17.00000	28.00000	0.00000	-7.0248	-0.50000	0.0	0.0	0.0	
-16.00000	28.00000	0.00000	-7.5613	-0.50000	0.0	0.0	0.0	
15.00000	28.00000	0.00000	-8.1470	-0.50000	0.0	0.0	0.0	
-14.00000	28.00000	0.00000	-8.7879	-0.50000	0.0	0.0	0.0	
-13.00000	28.00000	0.00000	-9.4913	-0.50000	0.0	0.0	0.0	
-12.00000	28.00000	0.00000	-10.266	-0.50000	0.0	0.0	0.0	
-11.00000	28.00000	0.00000	-11.125	-0.50000	0.0	0.0	0.0	
-10.00000	28.00000	0.00000	-12.072	-0.50000	0.0	0.0	0.0	
-9.00000	28.00000	0.00000	-13.132	-0.50000	0.0	0.0	0.0	
-8.00000	28.00000	0.00000	-14.323	-0.50000	0.0	0.0	0.0	
-7.00000	28.00000	0.00000	-15.671	-0.50000	0.0	0.0	0.0	
-6.00000	28.00000	0.00000	-17.212	-0.50000	0.0	0.0	0.0	
-5.00000	28.00000	0.00000	-18.997	-0.50000	0.0	0.0	0.0	
-4.00000	28.00000	0.00000	-21.102	-0.50000	0.0	0.0	0.0	
-3.00000	28.00000	0.00000	-23.653	-0.50000	0.0	0.0	0.0	
-2.00000	28.00000	0.00000	-26.887	-0.50000	0.0	0.0	0.0	
-1.00000	28.00000	0.00000	-31.366	-0.50000	0.0	0.0	0.0	
0.00000	28.00000	0.00000	-40.427	-0.50000	0.0	0.0	0.0	
1.00000	28.00000	0.00000	-49.488	-0.50000	0.0	0.0	0.0	
2.00000	28.00000	0.00000	-53.570	-0.50000	0.0	0.0	0.0	
3.00000	28.00000	0.00000	-57.206	-0.50000	0.0	0.0	0.0	
4.00000	28.00000	0.00000	-59.761	-0.50000	0.0	0.0	0.0	
5.00000	28.00000	0.00000	-61.869	-0.50000	0.0	0.0	0.0	
6.00000	28.00000	0.00000	-63.655	-0.50000	0.0	0.0	0.0	
7.00000	28.00000	0.00000	-65.195	-0.50000	0.0	0.0	0.0	
8.00000	28.00000	0.00000	-66.538	-0.50000	0.0	0.0	0.0	
9.00000	28.00000	0.00000	-67.723	-0.50000	0.0	0.0	0.0	
10.00000	28.00000	0.00000	-68.771	-0.50000	0.0	0.0	0.0	
11.00000	28.00000	0.00000	-69.709	-0.50000	0.0	0.0	0.0	
12.00000	28.00000	0.00000	-70.553	-0.50000	0.0	0.0	0.0	
13.00000	28.00000	0.00000	-71.320	-0.50000	0.0	0.0	0.0	
14.00000	28.00000	0.00000	-72.026	-0.50000	0.0	0.0	0.0	
15.00000	28.00000	0.00000	-72.688	-0.50000	0.0	0.0	0.0	
16.00000	28.00000	0.00000	-73.325	-0.50000	0.0	0.0	0.0	
17.00000	28.00000	0.00000	-73.963	-0.50000	0.0	0.0	0.0	
18.00000	28.00000	0.00000	-74.636	-0.50000	0.0	0.0	0.0	
19.00000	28.00000	0.00000	-75.396	-0.50000	0.0	0.0	0.0	
20.00000	28.00000	0.00000	-76.219	-0.50000	0.0	0.0	0.0	
21.00000	28.00000	0.00000	-77.510	-0.50000	0.0	0.0	0.0	
22.00000	28.00000	0.00000	-79.002	-0.50000	0.0	0.0	0.0	
23.00000	28.00000	0.00000	-80.403	-0.50000	0.0	0.0	0.0	
24.00000	28.00000	0.00000	-81.310	-0.50000	0.0	0.0	0.0	
25.00000	28.00000	0.00000	-81.759	-0.50000	0.0	0.0	0.0	
26.00000	28.00000	0.00000	-81.843	-0.50000	0.0	0.0	0.0	
27.00000	28.00000	0.00000	-81.628	-0.50000	0.0	0.0	0.0	
28.00000	28.00000	0.00000	-81.148	-0.50000	0.0	0.0	0.0	
29.00000	28.00000	0.00000	-80.418	-0.50000	0.0	0.0	0.0	
30.00000	28.00000	0.00000	-79.431	-0.50000	0.0	0.0	0.0	
31.00000	28.00000	0.00000	-78.167	-0.50000	0.0	0.0	0.0	
32.00000	28.00000	0.00000	-76.588	-0.50000	0.0	0.0	0.0	
33.00000	28.00000	0.00000	-74.630	-0.50000	0.0	0.0	0.0	
34.00000	28.00000	0.00000	-72.190	-0.50000	0.0	0.0	0.0	
35.00000	28.00000	0.00000	-69.099	-0.50000	0.0	0.0	0.0	
36.00000	28.00000	0.00000	-65.050	-0.50000	0.0	0.0	0.0	
37.00000	28.00000	0.00000	-59.373	-0.50000	0.0	0.0	0.0	
38.00000	28.00000	0.00000	-48.704	-0.50000	0.0	0.0	0.0	
39.00000	28.00000	0.00000	-38.015	-0.50000	0.0	0.0	0.0	
40.00000	28.00000	0.00000	-32.280	-0.50000	0.0	0.0	0.0	
41.00000	28.00000	0.00000	-28.129	-0.50000	0.0	0.0	0.0	
42.00000	28.00000	0.00000	-24.895	-0.50000	0.0	0.0	0.0	
43.00000	28.00000	0.00000	-22.266	-0.50000	0.0	0.0	0.0	
44.00000	28.00000	0.00000	-20.068	-0.50000	0.0	0.0	0.0	
45.00000	28.00000	0.00000	-18.193	-0.50000	0.0	0.0	0.0	
46.00000	28.00000	0.00000	-16.569	-0.50000	0.0	0.0	0.0	
47.00000	28.00000	0.00000	-15.147	-0.50000	0.0	0.0	0.0	
48.00000	28.00000	0.00000	-13.889	-0.50000	0.0	0.0	0.0	
49.00000	28.00000	0.00000	-12.768	-0.50000	0.0	0.0	0.0	
50.00000	28.00000	0.00000	-11.764	-0.50000	0.0	0.0	0.0	
51.00000	28.00000	0.00000	-10.859	-0.50000	0.0	0.0	0.0	
52.00000	28.00000	0.00000	-10.040	-0.50000	0.0	0.0	0.0	
53.00000	28.00000	0.00000	-9.2956	-0.50000	0.0	0.0	0.0	
54.00000	28.00000	0.00000	-8.6176	-0.50000	0.0	0.0	0.0	
55.00000	28.00000	0.00000	-7.9979	-0.50000	0.0	0.0	0.0	
56.00000	28.00000	0.00000	-7.4302	-0.50000	0.0	0.0	0.0	
57.00000	28.00000	0.00000	-6.9089	-0.50000	0.0	0.0	0.0	
58.00000	28.00000	0.00000	-6.4294	-0.50000	0.0	0.0	0.0	
59.00000	28.00000	0.00000	-5.9876	-0.50000	0.0	0.0	0.0	
60.00000	28.00000	0.00000	-5.5797	-0.50000	0.0	0.0	0.0	
29.00000	29.00000	0.00000	-5.5284	-0.50000	0.0	0.0	0.0	
-19.00000	29.00000	0.00000	-5.9313	-0.50000	0.0	0.0	0.0	
-18.00000	29.00000	0.00000	-6.3678	-0.50000	0.0	0.0	0.0	
-17.00000	29.00000	0.00000	-6.8415	-0.50000	0.0	0.0	0.0	
-16.00000	29.00000	0.00000	-7.3564	-0.50000	0.0	0.0	0.0	
-15.00000	29.00000	0.00000	-7.9173	-0.50000	0.0	0.0	0.0	
-14.00000	29.00000	0.00000	-8.5295	-0.50000	0.0	0.0	0.0	
-13.00000	29.00000	0.00000	-9.1995	-0.50000	0.0	0.0	0.0	
-12.00000	29.00000	0.00000	-9.9349	-0.50000	0.0	0.0	0.0	
-11.00000	29.00000	0.00000	-10.745	-0.50000	0.0	0.0	0.0	
-10.00000	29.00000	0.00000	-11.640	-0.50000	0.0	0.0	0.0	
-9.00000	29.00000	0.00000	-12.634	-0.50000	0.0	0.0	0.0	
-8.00000	29.00000	0.00000	-13.745	-0.50000	0.0	0.0	0.0	
-7.00000	29.00000	0.00000	-14.993	-0.50000	0.0	0.0	0.0	
-6.00000	29.00000	0.00000	-16.407	-0.50000	0.0	0.0	0.0	
-5.00000	29.00000	0.00000	-18.028	-0.50000	0.0	0.0	0.0	
-4.00000	29.00000	0.00000	-19.912	-0.50000	0.0	0.0	0.0	
-3.00000	29.00000	0.00000	-22.148	-0.50000	0.0	0.0	0.0	
-2.00000	29.00000	0.00000	-24.889	-0.50000	0.0	0.0	0.0	
-1.00000	29.00000	0.00000	-28.464	-0.50000	0.0	0.0	0.0	
0.00000	29.00000	0.00000	-34.543	-0.50000	0.0	0.0	0.0	
1.00000	29.00000	0.00000	-40.622	-0.50000	0.0	0.0	0.0	
2.00000	29.00000	0.00000	-44.197	-0.50000	0.0	0.0	0.0	
3.00000	29.00000	0.00000	-46.938	-0.50000	0.0	0.0	0.0	
4.00000	29.00000	0.00000	-49.373	-0.50000	0.0	0.0	0.0	
5.00000	29.00000	0.00000	-51.056	-0.50000	0.0	0.0	0.0	
6.00000	29.00000	0.00000	-52.673	-0.50000	0.0	0.0	0.0	
7.00000	29.00000	0.00000	-54.082	-0.50000	0.0	0.0	0.0	
8.00000	29.00000	0.00000	-55.322	-0.50000	0.0	0.0	0.0	
9.00000	29.00000	0.00000	-56.422	-0.50000	0.0	0.0	0.0	
10.00000	29.00000	0.00000	-57.406	-0.50000	0.0	0.0	0.0	
11.00000	29.00000	0.00000	-58.290	-0.50000	0.0	0.0	0.0	
12.00000	29.00000	0.00000	-59.093	-0.50000	0.0	0.0	0.0	
13.00000	29.00000	0.00000	-59.829	-0.50000	0.0	0.0	0.0	
14.00000	29.00000	0.00000	-60.513	-0.50000	0.0	0.0	0.0	
15.00000	29.00000	0.00000	-61.165	-0.50000	0.0	0.0	0.0	
16.00000	29.00000	0.00000	-61.806	-0.50000	0.0	0.0	0.0	
17.00000	29.00000	0.00000	-62.467	-0.50000	0.0	0.0	0.0	
18.00000	29.00000	0.00000	-63.196	-0.50000	0.0	0.0	0.0	
19.00000	29.00000	0.00000	-64.072	-0.50000	0.0	0.0	0.0	
20.00000	29.00000	0.00000	-65.247	-0.50000	0.0	0.0	0.0	
21.00000	29.00000	0.00000	-67.062	-0.50000	0.0	0.0	0.0	
22.00000	29.00000	0.00000	-71.227	-0.50000	0.0	0.0	0.0	
23.00000	29.00000	0.00000	-75.303	-0.50000	0.0	0.0	0.0	
24.00000	29.00000	0.00000	-76.850	-0.50000	0.0	0.0	0.0	
25.00000	29.00000	0.00000	-77.575	-0.50000	0.0	0.0		



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
9.00000	31.00000	0.00000	-38.727	-0.50000	0.0	0.0	0.0	0.0
10.00000	31.00000	0.00000	-39.575	-0.50000	0.0	0.0	0.0	0.0
11.00000	31.00000	0.00000	-40.349	-0.50000	0.0	0.0	0.0	0.0
12.00000	31.00000	0.00000	-41.061	-0.50000	0.0	0.0	0.0	0.0
13.00000	31.00000	0.00000	-41.725	-0.50000	0.0	0.0	0.0	0.0
14.00000	31.00000	0.00000	-42.353	-0.50000	0.0	0.0	0.0	0.0
15.00000	31.00000	0.00000	-42.964	-0.50000	0.0	0.0	0.0	0.0
16.00000	31.00000	0.00000	-43.579	-0.50000	0.0	0.0	0.0	0.0
17.00000	31.00000	0.00000	-44.234	-0.50000	0.0	0.0	0.0	0.0
18.00000	31.00000	0.00000	-44.983	-0.50000	0.0	0.0	0.0	0.0
19.00000	31.00000	0.00000	-45.927	-0.50000	0.0	0.0	0.0	0.0
20.00000	31.00000	0.00000	-47.279	-0.50000	0.0	0.0	0.0	0.0
21.00000	31.00000	0.00000	-49.595	-0.50000	0.0	0.0	0.0	0.0
22.00000	31.00000	0.00000	-56.268	-0.50000	0.0	0.0	0.0	0.0
23.00000	31.00000	0.00000	-62.861	-0.50000	0.0	0.0	0.0	0.0
24.00000	31.00000	0.00000	-64.942	-0.50000	0.0	0.0	0.0	0.0
25.00000	31.00000	0.00000	-65.895	-0.50000	0.0	0.0	0.0	0.0
26.00000	31.00000	0.00000	-66.274	-0.50000	0.0	0.0	0.0	0.0
27.00000	31.00000	0.00000	-66.283	-0.50000	0.0	0.0	0.0	0.0
28.00000	31.00000	0.00000	-66.012	-0.50000	0.0	0.0	0.0	0.0
29.00000	31.00000	0.00000	-65.499	-0.50000	0.0	0.0	0.0	0.0
30.00000	31.00000	0.00000	-64.758	-0.50000	0.0	0.0	0.0	0.0
31.00000	31.00000	0.00000	-63.785	-0.50000	0.0	0.0	0.0	0.0
32.00000	31.00000	0.00000	-62.558	-0.50000	0.0	0.0	0.0	0.0
33.00000	31.00000	0.00000	-61.039	-0.50000	0.0	0.0	0.0	0.0
34.00000	31.00000	0.00000	-59.158	-0.50000	0.0	0.0	0.0	0.0
35.00000	31.00000	0.00000	-56.797	-0.50000	0.0	0.0	0.0	0.0
36.00000	31.00000	0.00000	-53.725	-0.50000	0.0	0.0	0.0	0.0
37.00000	31.00000	0.00000	-49.382	-0.50000	0.0	0.0	0.0	0.0
38.00000	31.00000	0.00000	-40.437	-0.50000	0.0	0.0	0.0	0.0
39.00000	31.00000	0.00000	-31.472	-0.50000	0.0	0.0	0.0	0.0
40.00000	31.00000	0.00000	-27.070	-0.50000	0.0	0.0	0.0	0.0
41.00000	31.00000	0.00000	-23.500	-0.50000	0.0	0.0	0.0	0.0
42.00000	31.00000	0.00000	-21.397	-0.50000	0.0	0.0	0.0	0.0
43.00000	31.00000	0.00000	-19.329	-0.50000	0.0	0.0	0.0	0.0
44.00000	31.00000	0.00000	-17.572	-0.50000	0.0	0.0	0.0	0.0
45.00000	31.00000	0.00000	-16.050	-0.50000	0.0	0.0	0.0	0.0
46.00000	31.00000	0.00000	-14.715	-0.50000	0.0	0.0	0.0	0.0
47.00000	31.00000	0.00000	-13.531	-0.50000	0.0	0.0	0.0	0.0
48.00000	31.00000	0.00000	-12.472	-0.50000	0.0	0.0	0.0	0.0
49.00000	31.00000	0.00000	-11.521	-0.50000	0.0	0.0	0.0	0.0
50.00000	31.00000	0.00000	-10.660	-0.50000	0.0	0.0	0.0	0.0
51.00000	31.00000	0.00000	-9.8791	-0.50000	0.0	0.0	0.0	0.0
52.00000	31.00000	0.00000	-9.1671	-0.50000	0.0	0.0	0.0	0.0
53.00000	31.00000	0.00000	-8.5161	-0.50000	0.0	0.0	0.0	0.0
54.00000	31.00000	0.00000	-7.9194	-0.50000	0.0	0.0	0.0	0.0
55.00000	31.00000	0.00000	-7.3712	-0.50000	0.0	0.0	0.0	0.0
56.00000	31.00000	0.00000	-6.8664	-0.50000	0.0	0.0	0.0	0.0
57.00000	31.00000	0.00000	-6.4007	-0.50000	0.0	0.0	0.0	0.0
58.00000	31.00000	0.00000	-5.9705	-0.50000	0.0	0.0	0.0	0.0
59.00000	31.00000	0.00000	-5.5724	-0.50000	0.0	0.0	0.0	0.0
60.00000	31.00000	0.00000	-5.2036	-0.50000	0.0	0.0	0.0	0.0
-20.00000	32.00000	0.00000	-5.0972	-0.50000	0.0	0.0	0.0	0.0
-19.00000	32.00000	0.00000	-5.4536	-0.50000	0.0	0.0	0.0	0.0
-18.00000	32.00000	0.00000	-5.8375	-0.50000	0.0	0.0	0.0	0.0
-17.00000	32.00000	0.00000	-6.2514	-0.50000	0.0	0.0	0.0	0.0
-16.00000	32.00000	0.00000	-6.6982	-0.50000	0.0	0.0	0.0	0.0
-15.00000	32.00000	0.00000	-7.1811	-0.50000	0.0	0.0	0.0	0.0
-14.00000	32.00000	0.00000	-7.7037	-0.50000	0.0	0.0	0.0	0.0
-13.00000	32.00000	0.00000	-8.2700	-0.50000	0.0	0.0	0.0	0.0
-12.00000	32.00000	0.00000	-8.8847	-0.50000	0.0	0.0	0.0	0.0
-11.00000	32.00000	0.00000	-9.5530	-0.50000	0.0	0.0	0.0	0.0
-10.00000	32.00000	0.00000	-10.281	-0.50000	0.0	0.0	0.0	0.0
-9.00000	32.00000	0.00000	-11.075	-0.50000	0.0	0.0	0.0	0.0
-8.00000	32.00000	0.00000	-11.944	-0.50000	0.0	0.0	0.0	0.0
-7.00000	32.00000	0.00000	-12.896	-0.50000	0.0	0.0	0.0	0.0
-6.00000	32.00000	0.00000	-13.941	-0.50000	0.0	0.0	0.0	0.0
-5.00000	32.00000	0.00000	-15.090	-0.50000	0.0	0.0	0.0	0.0
-4.00000	32.00000	0.00000	-16.354	-0.50000	0.0	0.0	0.0	0.0
-3.00000	32.00000	0.00000	-17.741	-0.50000	0.0	0.0	0.0	0.0
-2.00000	32.00000	0.00000	-19.254	-0.50000	0.0	0.0	0.0	0.0
-1.00000	32.00000	0.00000	-20.878	-0.50000	0.0	0.0	0.0	0.0
0.00000	32.00000	0.00000	-22.571	-0.50000	0.0	0.0	0.0	0.0
1.00000	32.00000	0.00000	-24.262	-0.50000	0.0	0.0	0.0	0.0
2.00000	32.00000	0.00000	-25.983	-0.50000	0.0	0.0	0.0	0.0
3.00000	32.00000	0.00000	-27.791	-0.50000	0.0	0.0	0.0	0.0
4.00000	32.00000	0.00000	-28.772	-0.50000	0.0	0.0	0.0	0.0
5.00000	32.00000	0.00000	-30.027	-0.50000	0.0	0.0	0.0	0.0
6.00000	32.00000	0.00000	-31.165	-0.50000	0.0	0.0	0.0	0.0
7.00000	32.00000	0.00000	-32.197	-0.50000	0.0	0.0	0.0	0.0
8.00000	32.00000	0.00000	-33.136	-0.50000	0.0	0.0	0.0	0.0
9.00000	32.00000	0.00000	-33.990	-0.50000	0.0	0.0	0.0	0.0
10.00000	32.00000	0.00000	-34.772	-0.50000	0.0	0.0	0.0	0.0
11.00000	32.00000	0.00000	-35.490	-0.50000	0.0	0.0	0.0	0.0
12.00000	32.00000	0.00000	-36.155	-0.50000	0.0	0.0	0.0	0.0
13.00000	32.00000	0.00000	-36.778	-0.50000	0.0	0.0	0.0	0.0
14.00000	32.00000	0.00000	-37.371	-0.50000	0.0	0.0	0.0	0.0
15.00000	32.00000	0.00000	-37.950	-0.50000	0.0	0.0	0.0	0.0
16.00000	32.00000	0.00000	-38.534	-0.50000	0.0	0.0	0.0	0.0
17.00000	32.00000	0.00000	-39.155	-0.50000	0.0	0.0	0.0	0.0
18.00000	32.00000	0.00000	-39.857	-0.50000	0.0	0.0	0.0	0.0
19.00000	32.00000	0.00000	-40.720	-0.50000	0.0	0.0	0.0	0.0
20.00000	32.00000	0.00000	-41.897	-0.50000	0.0	0.0	0.0	0.0
21.00000	32.00000	0.00000	-43.726	-0.50000	0.0	0.0	0.0	0.0
22.00000	32.00000	0.00000	-47.921	-0.50000	0.0	0.0	0.0	0.0
23.00000	32.00000	0.00000	-52.942	-0.50000	0.0	0.0	0.0	0.0
24.00000	32.00000	0.00000	-53.651	-0.50000	0.0	0.0	0.0	0.0
25.00000	32.00000	0.00000	-54.455	-0.50000	0.0	0.0	0.0	0.0
26.00000	32.00000	0.00000	-54.793	-0.50000	0.0	0.0	0.0	0.0
27.00000	32.00000	0.00000	-54.806	-0.50000	0.0	0.0	0.0	0.0
28.00000	32.00000	0.00000	-54.566	-0.50000	0.0	0.0	0.0	0.0
29.00000	32.00000	0.00000	-54.106	-0.50000	0.0	0.0	0.0	0.0
30.00000	32.00000	0.00000	-53.438	-0.50000	0.0	0.0	0.0	0.0
31.00000	32.00000	0.00000	-52.561	-0.50000	0.0	0.0	0.0	0.0
32.00000	32.00000	0.00000	-51.459	-0.50000	0.0	0.0	0.0	0.0
33.00000	32.00000	0.00000	-50.104	-0.50000	0.0	0.0	0.0	0.0
34.00000	32.00000	0.00000	-48.446	-0.50000	0.0	0.0	0.0	0.0
35.00000	32.00000	0.00000	-46.403	-0.50000	0.0	0.0	0.0	0.0
36.00000	32.00000	0.00000	-43.825	-0.50000	0.0	0.0	0.0	0.0
37.00000	32.00000	0.00000	-40.390	-0.50000	0.0	0.0	0.0	0.0
38.00000	32.00000	0.00000	-34.428	-0.50000	0.0	0.0	0.0	0.0
39.00000	32.00000	0.00000	-28.448	-0.50000	0.0	0.0	0.0	0.0
40.00000	32.00000	0.00000	-24.955	-0.50000	0.0	0.0	0.0	0.0
41.00000	32.00000	0.00000	-22.281	-0.50000	0.0	0.0	0.0	0.0
42.00000	32.00000	0.00000	-20.100	-0.50000	0.0	0.0	0.0	0.0
43.00000	32.00000	0.00000	-18.259	-0.50000	0.0	0.0	0.0	0.0
44.00000	32.00000	0.00000	-16.672	-0.50000	0.0	0.0	0.0	0.0
45.00000	32.00000	0.00000	-15.282	-0.50000	0.0	0.0	0.0	0.0
46.00000	32.00000	0.00000	-14.053	-0.50000	0.0	0.0	0.0	0.0
47.00000	32.00000	0.00000	-12.955	-0.50000	0.0	0.0	0.0	0.0
48.00000	32.00000	0.00000	-11.968	-0.50000	0.0	0.0	0.0	0.0
49.00000	32.00000	0.00000	-11.077	-0.50000	0.0	0.0	0.0	0.0
50.00000	32.00000	0.00000	-10.268	-0.50000	0.0	0.0	0.0	0.0
51.00000	32.00000	0.00000	-9.5304	-0.50000	0.0	0.0	0.0	0.0
52.00000	32.00000	0.00000	-8.8562	-0.50000	0.0	0.0	0.0	0.0
53.00000	32.00000	0.00000						



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	48.00000	34.00000	0.00000	-10.943	-0.50000	0.0	0.0	0.0
	49.00000	34.00000	0.00000	-10.172	-0.50000	0.0	0.0	0.0
	50.00000	34.00000	0.00000	-9.4655	-0.50000	0.0	0.0	0.0
	51.00000	34.00000	0.00000	-8.8162	-0.50000	0.0	0.0	0.0
	52.00000	34.00000	0.00000	-8.2184	-0.50000	0.0	0.0	0.0
	53.00000	34.00000	0.00000	-7.6668	-0.50000	0.0	0.0	0.0
	54.00000	34.00000	0.00000	-7.1569	-0.50000	0.0	0.0	0.0
	55.00000	34.00000	0.00000	-6.6850	-0.50000	0.0	0.0	0.0
	56.00000	34.00000	0.00000	-6.2475	-0.50000	0.0	0.0	0.0
	57.00000	34.00000	0.00000	-5.8415	-0.50000	0.0	0.0	0.0
	58.00000	34.00000	0.00000	-5.4643	-0.50000	0.0	0.0	0.0
	59.00000	34.00000	0.00000	-5.1158	-0.50000	0.0	0.0	0.0
	60.00000	34.00000	0.00000	-4.7868	-0.50000	0.0	0.0	0.0
	-20.00000	35.00000	0.00000	-4.6367	-0.50000	0.0	0.0	0.0
	-19.00000	35.00000	0.00000	-4.9456	-0.50000	0.0	0.0	0.0
	-18.00000	35.00000	0.00000	-5.2761	-0.50000	0.0	0.0	0.0
	-17.00000	35.00000	0.00000	-5.6299	-0.50000	0.0	0.0	0.0
	-16.00000	35.00000	0.00000	-6.0088	-0.50000	0.0	0.0	0.0
	-15.00000	35.00000	0.00000	-6.4147	-0.50000	0.0	0.0	0.0
	-14.00000	35.00000	0.00000	-6.8498	-0.50000	0.0	0.0	0.0
	-13.00000	35.00000	0.00000	-7.3162	-0.50000	0.0	0.0	0.0
	-12.00000	35.00000	0.00000	-7.8163	-0.50000	0.0	0.0	0.0
	-11.00000	35.00000	0.00000	-8.3527	-0.50000	0.0	0.0	0.0
	-10.00000	35.00000	0.00000	-8.9278	-0.50000	0.0	0.0	0.0
	-9.00000	35.00000	0.00000	-9.5442	-0.50000	0.0	0.0	0.0
	-8.00000	35.00000	0.00000	-10.204	-0.50000	0.0	0.0	0.0
	-7.00000	35.00000	0.00000	-10.911	-0.50000	0.0	0.0	0.0
	-6.00000	35.00000	0.00000	-11.664	-0.50000	0.0	0.0	0.0
	-5.00000	35.00000	0.00000	-12.466	-0.50000	0.0	0.0	0.0
	-4.00000	35.00000	0.00000	-13.315	-0.50000	0.0	0.0	0.0
	-3.00000	35.00000	0.00000	-14.208	-0.50000	0.0	0.0	0.0
	-2.00000	35.00000	0.00000	-15.139	-0.50000	0.0	0.0	0.0
	-1.00000	35.00000	0.00000	-16.096	-0.50000	0.0	0.0	0.0
	0.00000	35.00000	0.00000	-17.068	-0.50000	0.0	0.0	0.0
	1.00000	35.00000	0.00000	-18.039	-0.50000	0.0	0.0	0.0
	2.00000	35.00000	0.00000	-18.992	-0.50000	0.0	0.0	0.0
	3.00000	35.00000	0.00000	-19.916	-0.50000	0.0	0.0	0.0
	4.00000	35.00000	0.00000	-20.799	-0.50000	0.0	0.0	0.0
	5.00000	35.00000	0.00000	-21.636	-0.50000	0.0	0.0	0.0
	6.00000	35.00000	0.00000	-22.423	-0.50000	0.0	0.0	0.0
	7.00000	35.00000	0.00000	-23.160	-0.50000	0.0	0.0	0.0
	8.00000	35.00000	0.00000	-23.847	-0.50000	0.0	0.0	0.0
	9.00000	35.00000	0.00000	-24.489	-0.50000	0.0	0.0	0.0
	10.00000	35.00000	0.00000	-25.086	-0.50000	0.0	0.0	0.0
	11.00000	35.00000	0.00000	-25.644	-0.50000	0.0	0.0	0.0
	12.00000	35.00000	0.00000	-26.168	-0.50000	0.0	0.0	0.0
	13.00000	35.00000	0.00000	-26.662	-0.50000	0.0	0.0	0.0
	14.00000	35.00000	0.00000	-27.132	-0.50000	0.0	0.0	0.0
	15.00000	35.00000	0.00000	-27.587	-0.50000	0.0	0.0	0.0
	16.00000	35.00000	0.00000	-28.035	-0.50000	0.0	0.0	0.0
	17.00000	35.00000	0.00000	-28.487	-0.50000	0.0	0.0	0.0
	18.00000	35.00000	0.00000	-28.954	-0.50000	0.0	0.0	0.0
	19.00000	35.00000	0.00000	-29.447	-0.50000	0.0	0.0	0.0
	20.00000	35.00000	0.00000	-29.975	-0.50000	0.0	0.0	0.0
	21.00000	35.00000	0.00000	-30.531	-0.50000	0.0	0.0	0.0
	22.00000	35.00000	0.00000	-31.084	-0.50000	0.0	0.0	0.0
	23.00000	35.00000	0.00000	-31.580	-0.50000	0.0	0.0	0.0
	24.00000	35.00000	0.00000	-31.961	-0.50000	0.0	0.0	0.0
	25.00000	35.00000	0.00000	-32.195	-0.50000	0.0	0.0	0.0
	26.00000	35.00000	0.00000	-32.275	-0.50000	0.0	0.0	0.0
	27.00000	35.00000	0.00000	-32.203	-0.50000	0.0	0.0	0.0
	28.00000	35.00000	0.00000	-31.987	-0.50000	0.0	0.0	0.0
	29.00000	35.00000	0.00000	-31.633	-0.50000	0.0	0.0	0.0
	30.00000	35.00000	0.00000	-31.144	-0.50000	0.0	0.0	0.0
	31.00000	35.00000	0.00000	-30.521	-0.50000	0.0	0.0	0.0
	32.00000	35.00000	0.00000	-29.760	-0.50000	0.0	0.0	0.0
	33.00000	35.00000	0.00000	-28.858	-0.50000	0.0	0.0	0.0
	34.00000	35.00000	0.00000	-27.807	-0.50000	0.0	0.0	0.0
	35.00000	35.00000	0.00000	-26.604	-0.50000	0.0	0.0	0.0
	36.00000	35.00000	0.00000	-25.251	-0.50000	0.0	0.0	0.0
	37.00000	35.00000	0.00000	-23.764	-0.50000	0.0	0.0	0.0
	38.00000	35.00000	0.00000	-22.189	-0.50000	0.0	0.0	0.0
	39.00000	35.00000	0.00000	-20.597	-0.50000	0.0	0.0	0.0
	40.00000	35.00000	0.00000	-19.059	-0.50000	0.0	0.0	0.0
	41.00000	35.00000	0.00000	-17.620	-0.50000	0.0	0.0	0.0
	42.00000	35.00000	0.00000	-16.295	-0.50000	0.0	0.0	0.0
	43.00000	35.00000	0.00000	-15.084	-0.50000	0.0	0.0	0.0
	44.00000	35.00000	0.00000	-13.980	-0.50000	0.0	0.0	0.0
	45.00000	35.00000	0.00000	-12.971	-0.50000	0.0	0.0	0.0
	46.00000	35.00000	0.00000	-12.050	-0.50000	0.0	0.0	0.0
	47.00000	35.00000	0.00000	-11.206	-0.50000	0.0	0.0	0.0
	48.00000	35.00000	0.00000	-10.431	-0.50000	0.0	0.0	0.0
	49.00000	35.00000	0.00000	-9.7187	-0.50000	0.0	0.0	0.0
	50.00000	35.00000	0.00000	-9.0622	-0.50000	0.0	0.0	0.0
	51.00000	35.00000	0.00000	-8.4562	-0.50000	0.0	0.0	0.0
	52.00000	35.00000	0.00000	-7.8959	-0.50000	0.0	0.0	0.0
	53.00000	35.00000	0.00000	-7.3771	-0.50000	0.0	0.0	0.0
	54.00000	35.00000	0.00000	-6.8961	-0.50000	0.0	0.0	0.0
	55.00000	35.00000	0.00000	-6.4496	-0.50000	0.0	0.0	0.0
	56.00000	35.00000	0.00000	-6.0347	-0.50000	0.0	0.0	0.0
	57.00000	35.00000	0.00000	-5.6487	-0.50000	0.0	0.0	0.0
	58.00000	35.00000	0.00000	-5.2894	-0.50000	0.0	0.0	0.0
	59.00000	35.00000	0.00000	-4.9545	-0.50000	0.0	0.0	0.0
	60.00000	35.00000	0.00000	-4.6422	-0.50000	0.0	0.0	0.0
	-20.00000	36.00000	0.00000	-4.4806	-0.50000	0.0	0.0	0.0
	-19.00000	36.00000	0.00000	-4.7738	-0.50000	0.0	0.0	0.0
	-18.00000	36.00000	0.00000	-5.0871	-0.50000	0.0	0.0	0.0
	-17.00000	36.00000	0.00000	-5.4216	-0.50000	0.0	0.0	0.0
	-16.00000	36.00000	0.00000	-5.7788	-0.50000	0.0	0.0	0.0
	-15.00000	36.00000	0.00000	-6.1604	-0.50000	0.0	0.0	0.0
	-14.00000	36.00000	0.00000	-6.5680	-0.50000	0.0	0.0	0.0
	-13.00000	36.00000	0.00000	-7.0035	-0.50000	0.0	0.0	0.0
	-12.00000	36.00000	0.00000	-7.4686	-0.50000	0.0	0.0	0.0
	-11.00000	36.00000	0.00000	-7.9652	-0.50000	0.0	0.0	0.0
	-10.00000	36.00000	0.00000	-8.4951	-0.50000	0.0	0.0	0.0
	-9.00000	36.00000	0.00000	-9.0600	-0.50000	0.0	0.0	0.0
	-8.00000	36.00000	0.00000	-9.6614	-0.50000	0.0	0.0	0.0
	-7.00000	36.00000	0.00000	-10.300	-0.50000	0.0	0.0	0.0
	-6.00000	36.00000	0.00000	-10.978	-0.50000	0.0	0.0	0.0
	-5.00000	36.00000	0.00000	-11.692	-0.50000	0.0	0.0	0.0
	-4.00000	36.00000	0.00000	-12.443	-0.50000	0.0	0.0	0.0
	-3.00000	36.00000	0.00000	-13.226	-0.50000	0.0	0.0	0.0
	-2.00000	36.00000	0.00000	-14.036	-0.50000	0.0	0.0	0.0
	-1.00000	36.00000	0.00000	-14.865	-0.50000	0.0	0.0	0.0
	0.00000	36.00000	0.00000	-15.703	-0.50000	0.0	0.0	0.0
	1.00000	36.00000	0.00000	-16.538	-0.50000	0.0	0.0	0.0
	2.00000	36.00000	0.00000	-17.363	-0.50000	0.0	0.0	0.0
	3.00000	36.00000	0.00000	-18.166	-0.50000	0.0	0.0	0.0
	4.00000	36.00000	0.00000	-18.938	-0.50000	0.0	0.0	0.0
	5.00000	36.00000	0.00000	-19.676	-0.50000	0.0	0.0	0.0
	6.00000	36.00000	0.00000	-20.375	-0.50000	0.0	0.0	0.0
	7.00000	36.00000	0.00000	-21.034	-0.50000	0.0	0.0	0.0
	8.00000	36.00000	0.00000	-21.653	-0.50000	0.0	0.0	0.0
	9.00000	36.00000	0.00000	-22.233	-0.50000	0.0	0.0	0.0
	10.00000	36.00000	0.00000	-22.777	-0.50000	0.0	0.0	0.0
	11.00000	36.00000	0.00000	-23.286	-0.50000	0.0	0.0	0.0
	12.00000	36.00000	0.00000	-23.764	-0.50000	0.0	0.0	0.0
	13.00000	36.00000	0.00000	-24.216	-0.50000	0.0	0.0	0.0
	14.00000	36.00000	0.00000	-24.645	-0.50000	0.0	0.0	0.0
	15.00000	36.00000	0.00000	-25.057	-0.50000	0.0	0.0	0.0
	16.00000	36.00000	0.00000	-25.458	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
6.00000	38.00000	0.00000	-17.039	-0.50000	0.0	0.0	0.0	
7.00000	38.00000	0.00000	-17.568	-0.50000	0.0	0.0	0.0	
8.00000	38.00000	0.00000	-18.070	-0.50000	0.0	0.0	0.0	
9.00000	38.00000	0.00000	-18.544	-0.50000	0.0	0.0	0.0	
10.00000	38.00000	0.00000	-18.991	-0.50000	0.0	0.0	0.0	
11.00000	38.00000	0.00000	-19.412	-0.50000	0.0	0.0	0.0	
12.00000	38.00000	0.00000	-19.808	-0.50000	0.0	0.0	0.0	
13.00000	38.00000	0.00000	-20.181	-0.50000	0.0	0.0	0.0	
14.00000	38.00000	0.00000	-20.533	-0.50000	0.0	0.0	0.0	
15.00000	38.00000	0.00000	-20.866	-0.50000	0.0	0.0	0.0	
16.00000	38.00000	0.00000	-21.181	-0.50000	0.0	0.0	0.0	
17.00000	38.00000	0.00000	-21.483	-0.50000	0.0	0.0	0.0	
18.00000	38.00000	0.00000	-21.766	-0.50000	0.0	0.0	0.0	
19.00000	38.00000	0.00000	-22.035	-0.50000	0.0	0.0	0.0	
20.00000	38.00000	0.00000	-22.285	-0.50000	0.0	0.0	0.0	
21.00000	38.00000	0.00000	-22.518	-0.50000	0.0	0.0	0.0	
22.00000	38.00000	0.00000	-22.700	-0.50000	0.0	0.0	0.0	
23.00000	38.00000	0.00000	-22.846	-0.50000	0.0	0.0	0.0	
24.00000	38.00000	0.00000	-22.936	-0.50000	0.0	0.0	0.0	
25.00000	38.00000	0.00000	-22.962	-0.50000	0.0	0.0	0.0	
26.00000	38.00000	0.00000	-22.916	-0.50000	0.0	0.0	0.0	
27.00000	38.00000	0.00000	-22.794	-0.50000	0.0	0.0	0.0	
28.00000	38.00000	0.00000	-22.594	-0.50000	0.0	0.0	0.0	
29.00000	38.00000	0.00000	-22.314	-0.50000	0.0	0.0	0.0	
30.00000	38.00000	0.00000	-21.955	-0.50000	0.0	0.0	0.0	
31.00000	38.00000	0.00000	-21.518	-0.50000	0.0	0.0	0.0	
32.00000	38.00000	0.00000	-21.003	-0.50000	0.0	0.0	0.0	
33.00000	38.00000	0.00000	-20.413	-0.50000	0.0	0.0	0.0	
34.00000	38.00000	0.00000	-19.751	-0.50000	0.0	0.0	0.0	
35.00000	38.00000	0.00000	-19.022	-0.50000	0.0	0.0	0.0	
36.00000	38.00000	0.00000	-18.236	-0.50000	0.0	0.0	0.0	
37.00000	38.00000	0.00000	-17.404	-0.50000	0.0	0.0	0.0	
38.00000	38.00000	0.00000	-16.540	-0.50000	0.0	0.0	0.0	
39.00000	38.00000	0.00000	-15.663	-0.50000	0.0	0.0	0.0	
40.00000	38.00000	0.00000	-14.788	-0.50000	0.0	0.0	0.0	
41.00000	38.00000	0.00000	-13.930	-0.50000	0.0	0.0	0.0	
42.00000	38.00000	0.00000	-13.101	-0.50000	0.0	0.0	0.0	
43.00000	38.00000	0.00000	-12.307	-0.50000	0.0	0.0	0.0	
44.00000	38.00000	0.00000	-11.553	-0.50000	0.0	0.0	0.0	
45.00000	38.00000	0.00000	-10.840	-0.50000	0.0	0.0	0.0	
46.00000	38.00000	0.00000	-10.170	-0.50000	0.0	0.0	0.0	
47.00000	38.00000	0.00000	-9.5398	-0.50000	0.0	0.0	0.0	
48.00000	38.00000	0.00000	-8.9492	-0.50000	0.0	0.0	0.0	
49.00000	38.00000	0.00000	-8.3958	-0.50000	0.0	0.0	0.0	
50.00000	38.00000	0.00000	-7.8777	-0.50000	0.0	0.0	0.0	
51.00000	38.00000	0.00000	-7.3925	-0.50000	0.0	0.0	0.0	
52.00000	38.00000	0.00000	-6.9384	-0.50000	0.0	0.0	0.0	
53.00000	38.00000	0.00000	-6.5132	-0.50000	0.0	0.0	0.0	
54.00000	38.00000	0.00000	-6.1151	-0.50000	0.0	0.0	0.0	
55.00000	38.00000	0.00000	-5.7422	-0.50000	0.0	0.0	0.0	
56.00000	38.00000	0.00000	-5.3928	-0.50000	0.0	0.0	0.0	
57.00000	38.00000	0.00000	-5.0654	-0.50000	0.0	0.0	0.0	
58.00000	38.00000	0.00000	-4.7585	-0.50000	0.0	0.0	0.0	
59.00000	38.00000	0.00000	-4.4707	-0.50000	0.0	0.0	0.0	
60.00000	38.00000	0.00000	-4.2008	-0.50000	0.0	0.0	0.0	
-20.00000	39.00000	0.00000	-4.0145	-0.50000	0.0	0.0	0.0	
19.00000	39.00000	0.00000	-4.2635	-0.50000	0.0	0.0	0.0	
-18.00000	39.00000	0.00000	-4.5276	-0.50000	0.0	0.0	0.0	
-17.00000	39.00000	0.00000	-4.8076	-0.50000	0.0	0.0	0.0	
-16.00000	39.00000	0.00000	-5.1043	-0.50000	0.0	0.0	0.0	
-15.00000	39.00000	0.00000	-5.4185	-0.50000	0.0	0.0	0.0	
-14.00000	39.00000	0.00000	-5.7511	-0.50000	0.0	0.0	0.0	
-13.00000	39.00000	0.00000	-6.1029	-0.50000	0.0	0.0	0.0	
-12.00000	39.00000	0.00000	-6.4746	-0.50000	0.0	0.0	0.0	
-11.00000	39.00000	0.00000	-6.8668	-0.50000	0.0	0.0	0.0	
-10.00000	39.00000	0.00000	-7.2801	-0.50000	0.0	0.0	0.0	
-9.00000	39.00000	0.00000	-7.7145	-0.50000	0.0	0.0	0.0	
-8.00000	39.00000	0.00000	-8.1703	-0.50000	0.0	0.0	0.0	
-7.00000	39.00000	0.00000	-8.6471	-0.50000	0.0	0.0	0.0	
-6.00000	39.00000	0.00000	-9.1440	-0.50000	0.0	0.0	0.0	
-5.00000	39.00000	0.00000	-9.6595	-0.50000	0.0	0.0	0.0	
-4.00000	39.00000	0.00000	-10.193	-0.50000	0.0	0.0	0.0	
-3.00000	39.00000	0.00000	-10.740	-0.50000	0.0	0.0	0.0	
-2.00000	39.00000	0.00000	-11.298	-0.50000	0.0	0.0	0.0	
-1.00000	39.00000	0.00000	-11.863	-0.50000	0.0	0.0	0.0	
0.00000	39.00000	0.00000	-12.432	-0.50000	0.0	0.0	0.0	
1.00000	39.00000	0.00000	-12.998	-0.50000	0.0	0.0	0.0	
2.00000	39.00000	0.00000	-13.558	-0.50000	0.0	0.0	0.0	
3.00000	39.00000	0.00000	-14.108	-0.50000	0.0	0.0	0.0	
4.00000	39.00000	0.00000	-14.643	-0.50000	0.0	0.0	0.0	
5.00000	39.00000	0.00000	-15.161	-0.50000	0.0	0.0	0.0	
6.00000	39.00000	0.00000	-15.658	-0.50000	0.0	0.0	0.0	
7.00000	39.00000	0.00000	-16.133	-0.50000	0.0	0.0	0.0	
8.00000	39.00000	0.00000	-16.585	-0.50000	0.0	0.0	0.0	
9.00000	39.00000	0.00000	-17.014	-0.50000	0.0	0.0	0.0	
10.00000	39.00000	0.00000	-17.419	-0.50000	0.0	0.0	0.0	
11.00000	39.00000	0.00000	-17.800	-0.50000	0.0	0.0	0.0	
12.00000	39.00000	0.00000	-18.160	-0.50000	0.0	0.0	0.0	
13.00000	39.00000	0.00000	-18.497	-0.50000	0.0	0.0	0.0	
14.00000	39.00000	0.00000	-18.814	-0.50000	0.0	0.0	0.0	
15.00000	39.00000	0.00000	-19.112	-0.50000	0.0	0.0	0.0	
16.00000	39.00000	0.00000	-19.391	-0.50000	0.0	0.0	0.0	
17.00000	39.00000	0.00000	-19.653	-0.50000	0.0	0.0	0.0	
18.00000	39.00000	0.00000	-19.896	-0.50000	0.0	0.0	0.0	
19.00000	39.00000	0.00000	-20.119	-0.50000	0.0	0.0	0.0	
20.00000	39.00000	0.00000	-20.319	-0.50000	0.0	0.0	0.0	
21.00000	39.00000	0.00000	-20.492	-0.50000	0.0	0.0	0.0	
22.00000	39.00000	0.00000	-20.632	-0.50000	0.0	0.0	0.0	
23.00000	39.00000	0.00000	-20.731	-0.50000	0.0	0.0	0.0	
24.00000	39.00000	0.00000	-20.782	-0.50000	0.0	0.0	0.0	
25.00000	39.00000	0.00000	-20.779	-0.50000	0.0	0.0	0.0	
26.00000	39.00000	0.00000	-20.716	-0.50000	0.0	0.0	0.0	
27.00000	39.00000	0.00000	-20.591	-0.50000	0.0	0.0	0.0	
28.00000	39.00000	0.00000	-20.400	-0.50000	0.0	0.0	0.0	
29.00000	39.00000	0.00000	-20.142	-0.50000	0.0	0.0	0.0	
30.00000	39.00000	0.00000	-19.819	-0.50000	0.0	0.0	0.0	
31.00000	39.00000	0.00000	-19.429	-0.50000	0.0	0.0	0.0	
32.00000	39.00000	0.00000	-18.976	-0.50000	0.0	0.0	0.0	
33.00000	39.00000	0.00000	-18.460	-0.50000	0.0	0.0	0.0	
34.00000	39.00000	0.00000	-17.887	-0.50000	0.0	0.0	0.0	
35.00000	39.00000	0.00000	-17.260	-0.50000	0.0	0.0	0.0	
36.00000	39.00000	0.00000	-16.588	-0.50000	0.0	0.0	0.0	
37.00000	39.00000	0.00000	-15.860	-0.50000	0.0	0.0	0.0	
38.00000	39.00000	0.00000	-15.146	-0.50000	0.0	0.0	0.0	
39.00000	39.00000	0.00000	-14.399	-0.50000	0.0	0.0	0.0	
40.00000	39.00000	0.00000	-13.653	-0.50000	0.0	0.0	0.0	
41.00000	39.00000	0.00000	-12.912	-0.50000	0.0	0.0	0.0	
42.00000	39.00000	0.00000	-12.192	-0.50000	0.0	0.0	0.0	
43.00000	39.00000	0.00000	-11.496	-0.50000	0.0	0.0	0.0	
44.00000	39.00000	0.00000	-10.829	-0.50000	0.0	0.0	0.0	
45.00000	39.00000	0.00000	-10.194	-0.50000	0.0	0.0	0.0	
46.00000	39.00000	0.00000	-9.5910	-0.50000	0.0	0.0	0.0	
47.00000	39.00000	0.00000	-9.0209	-0.50000	0.0	0.0	0.0	
48.00000	39.00000	0.00000	-8.4828	-0.50000	0.0	0.0	0.0	
49.00000	39.00000	0.00000	-7.9759	-0.50000	0.0	0.0	0.0	
50.00000	39.00000	0.00000	-7.4988	-0.50000	0.0	0.0	0.0	
51.00000	39.00000	0.00000	-7.0500	-0.50000	0.0	0.0	0.0	
52.00000	39.00000	0.00000	-6.6283	-0.50000	0.0	0.0	0.0	
53.00000	39.00000	0.00000	-6.2319	-0.50000	0.0	0.0	0.0	
54.00000	39.00000	0.00000	-5.8596	-0.50000	0.0	0.0	0.0	
55.00000	39.00000	0.00000	-5.5097	-0.50000	0.0	0.0	0.0	
56.00000	39.00000	0.00000	-5.1811	-0.50000	0.0	0.0	0.0	
57.00000	39.00000	0.00000	-4.8723	-0.50000	0.0	0.0	0.0	
58.00000	39.00000	0.00000	-4.5822	-0.50000	0.0	0.0	0.0	
59.00000	39.00000	0.00000	-4.3095	-0.50000	0.0	0.0	0.0	
60.00000	39.00000	0.00000	-4.0533	-0.50000	0.0	0.0	0.0	
-20.00000	40.00000	0.00000	-3.8118	-0.50000</				



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
45.00000	41.00000	0.00000	-9.0042	-0.50000	0.0	0.0	0.0	
46.00000	41.00000	0.00000	-8.5158	-0.50000	0.0	0.0	0.0	
47.00000	41.00000	0.00000	-8.0483	-0.50000	0.0	0.0	0.0	
48.00000	41.00000	0.00000	-7.6022	-0.50000	0.0	0.0	0.0	
49.00000	41.00000	0.00000	-7.1776	-0.50000	0.0	0.0	0.0	
50.00000	41.00000	0.00000	-6.7743	-0.50000	0.0	0.0	0.0	
51.00000	41.00000	0.00000	-6.3917	-0.50000	0.0	0.0	0.0	
52.00000	41.00000	0.00000	-6.0293	-0.50000	0.0	0.0	0.0	
53.00000	41.00000	0.00000	-5.6864	-0.50000	0.0	0.0	0.0	
54.00000	41.00000	0.00000	-5.3620	-0.50000	0.0	0.0	0.0	
55.00000	41.00000	0.00000	-5.0555	-0.50000	0.0	0.0	0.0	
56.00000	41.00000	0.00000	-4.7660	-0.50000	0.0	0.0	0.0	
57.00000	41.00000	0.00000	-4.4926	-0.50000	0.0	0.0	0.0	
58.00000	41.00000	0.00000	-4.2345	-0.50000	0.0	0.0	0.0	
59.00000	41.00000	0.00000	-3.9909	-0.50000	0.0	0.0	0.0	
60.00000	41.00000	0.00000	-3.7610	-0.50000	0.0	0.0	0.0	
-20.00000	42.00000	0.00000	-3.5636	-0.50000	0.0	0.0	0.0	
-19.00000	42.00000	0.00000	-3.7727	-0.50000	0.0	0.0	0.0	
-18.00000	42.00000	0.00000	-3.9930	-0.50000	0.0	0.0	0.0	
-17.00000	42.00000	0.00000	-4.2291	-0.50000	0.0	0.0	0.0	
-16.00000	42.00000	0.00000	-4.4692	-0.50000	0.0	0.0	0.0	
-15.00000	42.00000	0.00000	-4.7258	-0.50000	0.0	0.0	0.0	
-14.00000	42.00000	0.00000	-4.9953	-0.50000	0.0	0.0	0.0	
-13.00000	42.00000	0.00000	-5.2778	-0.50000	0.0	0.0	0.0	
-12.00000	42.00000	0.00000	-5.5736	-0.50000	0.0	0.0	0.0	
-11.00000	42.00000	0.00000	-5.8827	-0.50000	0.0	0.0	0.0	
-10.00000	42.00000	0.00000	-6.2052	-0.50000	0.0	0.0	0.0	
-9.00000	42.00000	0.00000	-6.5407	-0.50000	0.0	0.0	0.0	
-8.00000	42.00000	0.00000	-6.8890	-0.50000	0.0	0.0	0.0	
-7.00000	42.00000	0.00000	-7.2493	-0.50000	0.0	0.0	0.0	
-6.00000	42.00000	0.00000	-7.6209	-0.50000	0.0	0.0	0.0	
-5.00000	42.00000	0.00000	-8.0026	-0.50000	0.0	0.0	0.0	
-4.00000	42.00000	0.00000	-8.3929	-0.50000	0.0	0.0	0.0	
-3.00000	42.00000	0.00000	-8.7903	-0.50000	0.0	0.0	0.0	
-2.00000	42.00000	0.00000	-9.1927	-0.50000	0.0	0.0	0.0	
-1.00000	42.00000	0.00000	-9.5979	-0.50000	0.0	0.0	0.0	
0.00000	42.00000	0.00000	-10.004	-0.50000	0.0	0.0	0.0	
1.00000	42.00000	0.00000	-10.408	-0.50000	0.0	0.0	0.0	
2.00000	42.00000	0.00000	-10.807	-0.50000	0.0	0.0	0.0	
3.00000	42.00000	0.00000	-11.200	-0.50000	0.0	0.0	0.0	
4.00000	42.00000	0.00000	-11.585	-0.50000	0.0	0.0	0.0	
5.00000	42.00000	0.00000	-11.958	-0.50000	0.0	0.0	0.0	
6.00000	42.00000	0.00000	-12.319	-0.50000	0.0	0.0	0.0	
7.00000	42.00000	0.00000	-12.667	-0.50000	0.0	0.0	0.0	
8.00000	42.00000	0.00000	-12.999	-0.50000	0.0	0.0	0.0	
9.00000	42.00000	0.00000	-13.315	-0.50000	0.0	0.0	0.0	
10.00000	42.00000	0.00000	-13.615	-0.50000	0.0	0.0	0.0	
11.00000	42.00000	0.00000	-13.898	-0.50000	0.0	0.0	0.0	
12.00000	42.00000	0.00000	-14.164	-0.50000	0.0	0.0	0.0	
13.00000	42.00000	0.00000	-14.412	-0.50000	0.0	0.0	0.0	
14.00000	42.00000	0.00000	-14.643	-0.50000	0.0	0.0	0.0	
15.00000	42.00000	0.00000	-14.855	-0.50000	0.0	0.0	0.0	
16.00000	42.00000	0.00000	-15.049	-0.50000	0.0	0.0	0.0	
17.00000	42.00000	0.00000	-15.228	-0.50000	0.0	0.0	0.0	
18.00000	42.00000	0.00000	-15.380	-0.50000	0.0	0.0	0.0	
19.00000	42.00000	0.00000	-15.514	-0.50000	0.0	0.0	0.0	
20.00000	42.00000	0.00000	-15.624	-0.50000	0.0	0.0	0.0	
21.00000	42.00000	0.00000	-15.710	-0.50000	0.0	0.0	0.0	
22.00000	42.00000	0.00000	-15.767	-0.50000	0.0	0.0	0.0	
23.00000	42.00000	0.00000	-15.795	-0.50000	0.0	0.0	0.0	
24.00000	42.00000	0.00000	-15.789	-0.50000	0.0	0.0	0.0	
25.00000	42.00000	0.00000	-15.748	-0.50000	0.0	0.0	0.0	
26.00000	42.00000	0.00000	-15.669	-0.50000	0.0	0.0	0.0	
27.00000	42.00000	0.00000	-15.552	-0.50000	0.0	0.0	0.0	
28.00000	42.00000	0.00000	-15.394	-0.50000	0.0	0.0	0.0	
29.00000	42.00000	0.00000	-15.196	-0.50000	0.0	0.0	0.0	
30.00000	42.00000	0.00000	-14.958	-0.50000	0.0	0.0	0.0	
31.00000	42.00000	0.00000	-14.680	-0.50000	0.0	0.0	0.0	
32.00000	42.00000	0.00000	-14.364	-0.50000	0.0	0.0	0.0	
33.00000	42.00000	0.00000	-14.012	-0.50000	0.0	0.0	0.0	
34.00000	42.00000	0.00000	-13.627	-0.50000	0.0	0.0	0.0	
35.00000	42.00000	0.00000	-13.212	-0.50000	0.0	0.0	0.0	
36.00000	42.00000	0.00000	-12.771	-0.50000	0.0	0.0	0.0	
37.00000	42.00000	0.00000	-12.310	-0.50000	0.0	0.0	0.0	
38.00000	42.00000	0.00000	-11.832	-0.50000	0.0	0.0	0.0	
39.00000	42.00000	0.00000	-11.344	-0.50000	0.0	0.0	0.0	
40.00000	42.00000	0.00000	-10.850	-0.50000	0.0	0.0	0.0	
41.00000	42.00000	0.00000	-10.356	-0.50000	0.0	0.0	0.0	
42.00000	42.00000	0.00000	-9.8671	-0.50000	0.0	0.0	0.0	
43.00000	42.00000	0.00000	-9.3860	-0.50000	0.0	0.0	0.0	
44.00000	42.00000	0.00000	-8.9162	-0.50000	0.0	0.0	0.0	
45.00000	42.00000	0.00000	-8.4602	-0.50000	0.0	0.0	0.0	
46.00000	42.00000	0.00000	-8.0197	-0.50000	0.0	0.0	0.0	
47.00000	42.00000	0.00000	-7.5959	-0.50000	0.0	0.0	0.0	
48.00000	42.00000	0.00000	-7.1896	-0.50000	0.0	0.0	0.0	
49.00000	42.00000	0.00000	-6.8012	-0.50000	0.0	0.0	0.0	
50.00000	42.00000	0.00000	-6.4306	-0.50000	0.0	0.0	0.0	
51.00000	42.00000	0.00000	-6.0778	-0.50000	0.0	0.0	0.0	
52.00000	42.00000	0.00000	-5.7423	-0.50000	0.0	0.0	0.0	
53.00000	42.00000	0.00000	-5.4238	-0.50000	0.0	0.0	0.0	
54.00000	42.00000	0.00000	-5.1216	-0.50000	0.0	0.0	0.0	
55.00000	42.00000	0.00000	-4.8352	-0.50000	0.0	0.0	0.0	
56.00000	42.00000	0.00000	-4.5640	-0.50000	0.0	0.0	0.0	
57.00000	42.00000	0.00000	-4.3072	-0.50000	0.0	0.0	0.0	
58.00000	42.00000	0.00000	-4.0643	-0.50000	0.0	0.0	0.0	
59.00000	42.00000	0.00000	-3.8345	-0.50000	0.0	0.0	0.0	
60.00000	42.00000	0.00000	-3.6172	-0.50000	0.0	0.0	0.0	
-20.00000	43.00000	0.00000	-3.4187	-0.50000	0.0	0.0	0.0	
-19.00000	43.00000	0.00000	-3.6156	-0.50000	0.0	0.0	0.0	
-18.00000	43.00000	0.00000	-3.8227	-0.50000	0.0	0.0	0.0	
-17.00000	43.00000	0.00000	-4.0403	-0.50000	0.0	0.0	0.0	
-16.00000	43.00000	0.00000	-4.2688	-0.50000	0.0	0.0	0.0	
-15.00000	43.00000	0.00000	-4.5084	-0.50000	0.0	0.0	0.0	
-14.00000	43.00000	0.00000	-4.7593	-0.50000	0.0	0.0	0.0	
-13.00000	43.00000	0.00000	-5.0218	-0.50000	0.0	0.0	0.0	
-12.00000	43.00000	0.00000	-5.2958	-0.50000	0.0	0.0	0.0	
-11.00000	43.00000	0.00000	-5.5815	-0.50000	0.0	0.0	0.0	
-10.00000	43.00000	0.00000	-5.8786	-0.50000	0.0	0.0	0.0	
-9.00000	43.00000	0.00000	-6.1869	-0.50000	0.0	0.0	0.0	
-8.00000	43.00000	0.00000	-6.5059	-0.50000	0.0	0.0	0.0	
-7.00000	43.00000	0.00000	-6.8351	-0.50000	0.0	0.0	0.0	
-6.00000	43.00000	0.00000	-7.1736	-0.50000	0.0	0.0	0.0	
-5.00000	43.00000	0.00000	-7.5204	-0.50000	0.0	0.0	0.0	
-4.00000	43.00000	0.00000	-7.8742	-0.50000	0.0	0.0	0.0	
-3.00000	43.00000	0.00000	-8.2336	-0.50000	0.0	0.0	0.0	
-2.00000	43.00000	0.00000	-8.5969	-0.50000	0.0	0.0	0.0	
-1.00000	43.00000	0.00000	-8.9622	-0.50000	0.0	0.0	0.0	
0.00000	43.00000	0.00000	-9.3276	-0.50000	0.0	0.0	0.0	
1.00000	43.00000	0.00000	-9.6911	-0.50000	0.0	0.0	0.0	
2.00000	43.00000	0.00000	-10.0531	-0.50000	0.0	0.0	0.0	
3.00000	43.00000	0.00000	-10.405	-0.50000	0.0	0.0	0.0	
4.00000	43.00000	0.00000	-10.751	-0.50000	0.0	0.0	0.0	
5.00000	43.00000	0.00000	-11.087	-0.50000	0.0	0.0	0.0	
6.00000	43.00000	0.00000	-11.413	-0.50000	0.0	0.0	0.0	
7.00000	43.00000	0.00000	-11.727	-0.50000	0.0	0.0	0.0	
8.00000	43.00000	0.00000	-12.027	-0.50000	0.0	0.0	0.0	
9.00000	43.00000	0.00000	-12.313	-0.50000	0.0	0.0	0.0	
10.00000	43.00000	0.00000	-12.585	-0.50000	0.0	0.0	0.0	
11.00000	43.00000	0.00000	-12.841	-0.50000	0.0	0.0	0.0	
12.00000	43.00000	0.00000	-13.081	-0.50000	0.0	0.0	0.0	
13.00000	43.00000	0.00000	-13.305	-0.50000	0.0	0.0	0.0	
14.00000	43.00000	0.00000	-13.512	-0.50000	0.0	0.0	0.0	
15.00000	43.00000	0.00000	-13.702	-0.50000	0.0	0.0	0.0	
16.00000	43.00000	0.00000	-13.874	-0.50000	0.0	0.0	0.0	
17.00000	43.00000	0.00000	-14.028	-0.50000	0.0	0.0	0.0	
18.00000	43.00000	0.00000	-14.163	-0.50000	0.0	0.0	0.0	
19.00000	43.00000	0.00000	-14.277	-0.50000	0.0	0.0		

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

Name	Location		Z [Level] [mOD]	Z [mm]	Stresses			
	X [m]	Y [m]			Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
3.00000	45.00000	0.00000	-9.0104	-0.50000	0.0	0.0	0.0	
4.00000	45.00000	0.00000	-9.2928	-0.50000	0.0	0.0	0.0	
5.00000	45.00000	0.00000	-9.5679	-0.50000	0.0	0.0	0.0	
6.00000	45.00000	0.00000	-9.8343	-0.50000	0.0	0.0	0.0	
7.00000	45.00000	0.00000	-10.091	-0.50000	0.0	0.0	0.0	
8.00000	45.00000	0.00000	-10.337	-0.50000	0.0	0.0	0.0	
9.00000	45.00000	0.00000	-10.572	-0.50000	0.0	0.0	0.0	
10.00000	45.00000	0.00000	-10.794	-0.50000	0.0	0.0	0.0	
11.00000	45.00000	0.00000	-11.004	-0.50000	0.0	0.0	0.0	
12.00000	45.00000	0.00000	-11.200	-0.50000	0.0	0.0	0.0	
13.00000	45.00000	0.00000	-11.382	-0.50000	0.0	0.0	0.0	
14.00000	45.00000	0.00000	-11.549	-0.50000	0.0	0.0	0.0	
15.00000	45.00000	0.00000	-11.702	-0.50000	0.0	0.0	0.0	
16.00000	45.00000	0.00000	-11.838	-0.50000	0.0	0.0	0.0	
17.00000	45.00000	0.00000	-11.959	-0.50000	0.0	0.0	0.0	
18.00000	45.00000	0.00000	-12.062	-0.50000	0.0	0.0	0.0	
19.00000	45.00000	0.00000	-12.146	-0.50000	0.0	0.0	0.0	
20.00000	45.00000	0.00000	-12.212	-0.50000	0.0	0.0	0.0	
21.00000	45.00000	0.00000	-12.257	-0.50000	0.0	0.0	0.0	
22.00000	45.00000	0.00000	-12.281	-0.50000	0.0	0.0	0.0	
23.00000	45.00000	0.00000	-12.283	-0.50000	0.0	0.0	0.0	
24.00000	45.00000	0.00000	-12.261	-0.50000	0.0	0.0	0.0	
25.00000	45.00000	0.00000	-12.214	-0.50000	0.0	0.0	0.0	
26.00000	45.00000	0.00000	-12.141	-0.50000	0.0	0.0	0.0	
27.00000	45.00000	0.00000	-12.043	-0.50000	0.0	0.0	0.0	
28.00000	45.00000	0.00000	-11.919	-0.50000	0.0	0.0	0.0	
29.00000	45.00000	0.00000	-11.768	-0.50000	0.0	0.0	0.0	
30.00000	45.00000	0.00000	-11.592	-0.50000	0.0	0.0	0.0	
31.00000	45.00000	0.00000	-11.390	-0.50000	0.0	0.0	0.0	
32.00000	45.00000	0.00000	-11.165	-0.50000	0.0	0.0	0.0	
33.00000	45.00000	0.00000	-10.917	-0.50000	0.0	0.0	0.0	
34.00000	45.00000	0.00000	-10.647	-0.50000	0.0	0.0	0.0	
35.00000	45.00000	0.00000	-10.359	-0.50000	0.0	0.0	0.0	
36.00000	45.00000	0.00000	-10.055	-0.50000	0.0	0.0	0.0	
37.00000	45.00000	0.00000	-9.7364	-0.50000	0.0	0.0	0.0	
38.00000	45.00000	0.00000	-9.4068	-0.50000	0.0	0.0	0.0	
39.00000	45.00000	0.00000	-9.0690	-0.50000	0.0	0.0	0.0	
40.00000	45.00000	0.00000	-8.7258	-0.50000	0.0	0.0	0.0	
41.00000	45.00000	0.00000	-8.3799	-0.50000	0.0	0.0	0.0	
42.00000	45.00000	0.00000	-8.0338	-0.50000	0.0	0.0	0.0	
43.00000	45.00000	0.00000	-7.6899	-0.50000	0.0	0.0	0.0	
44.00000	45.00000	0.00000	-7.3503	-0.50000	0.0	0.0	0.0	
45.00000	45.00000	0.00000	-7.0166	-0.50000	0.0	0.0	0.0	
46.00000	45.00000	0.00000	-6.6904	-0.50000	0.0	0.0	0.0	
47.00000	45.00000	0.00000	-6.3728	-0.50000	0.0	0.0	0.0	
48.00000	45.00000	0.00000	-6.0647	-0.50000	0.0	0.0	0.0	
49.00000	45.00000	0.00000	-5.7668	-0.50000	0.0	0.0	0.0	
50.00000	45.00000	0.00000	-5.4796	-0.50000	0.0	0.0	0.0	
51.00000	45.00000	0.00000	-5.2033	-0.50000	0.0	0.0	0.0	
52.00000	45.00000	0.00000	-4.9380	-0.50000	0.0	0.0	0.0	
53.00000	45.00000	0.00000	-4.6838	-0.50000	0.0	0.0	0.0	
54.00000	45.00000	0.00000	-4.4406	-0.50000	0.0	0.0	0.0	
55.00000	45.00000	0.00000	-4.2083	-0.50000	0.0	0.0	0.0	
56.00000	45.00000	0.00000	-3.9865	-0.50000	0.0	0.0	0.0	
57.00000	45.00000	0.00000	-3.7751	-0.50000	0.0	0.0	0.0	
58.00000	45.00000	0.00000	-3.5737	-0.50000	0.0	0.0	0.0	
59.00000	45.00000	0.00000	-3.3821	-0.50000	0.0	0.0	0.0	
60.00000	45.00000	0.00000	-3.1998	-0.50000	0.0	0.0	0.0	
-20.00000	46.00000	0.00000	-3.0043	-0.50000	0.0	0.0	0.0	
-19.00000	46.00000	0.00000	-3.1681	-0.50000	0.0	0.0	0.0	
-18.00000	46.00000	0.00000	-3.3394	-0.50000	0.0	0.0	0.0	
-17.00000	46.00000	0.00000	-3.5184	-0.50000	0.0	0.0	0.0	
-16.00000	46.00000	0.00000	-3.7052	-0.50000	0.0	0.0	0.0	
-15.00000	46.00000	0.00000	-3.8998	-0.50000	0.0	0.0	0.0	
-14.00000	46.00000	0.00000	-4.1023	-0.50000	0.0	0.0	0.0	
-13.00000	46.00000	0.00000	-4.3126	-0.50000	0.0	0.0	0.0	
-12.00000	46.00000	0.00000	-4.5308	-0.50000	0.0	0.0	0.0	
-11.00000	46.00000	0.00000	-4.7566	-0.50000	0.0	0.0	0.0	
-10.00000	46.00000	0.00000	-4.9897	-0.50000	0.0	0.0	0.0	
-9.00000	46.00000	0.00000	-5.2299	-0.50000	0.0	0.0	0.0	
-8.00000	46.00000	0.00000	-5.4768	-0.50000	0.0	0.0	0.0	
-7.00000	46.00000	0.00000	-5.7297	-0.50000	0.0	0.0	0.0	
-6.00000	46.00000	0.00000	-5.9880	-0.50000	0.0	0.0	0.0	
-5.00000	46.00000	0.00000	-6.2509	-0.50000	0.0	0.0	0.0	
-4.00000	46.00000	0.00000	-6.5176	-0.50000	0.0	0.0	0.0	
-3.00000	46.00000	0.00000	-6.7871	-0.50000	0.0	0.0	0.0	
-2.00000	46.00000	0.00000	-7.0582	-0.50000	0.0	0.0	0.0	
-1.00000	46.00000	0.00000	-7.3298	-0.50000	0.0	0.0	0.0	
0.00000	46.00000	0.00000	-7.6009	-0.50000	0.0	0.0	0.0	
1.00000	46.00000	0.00000	-7.8700	-0.50000	0.0	0.0	0.0	
2.00000	46.00000	0.00000	-8.1319	-0.50000	0.0	0.0	0.0	
3.00000	46.00000	0.00000	-8.3974	-0.50000	0.0	0.0	0.0	
4.00000	46.00000	0.00000	-8.6533	-0.50000	0.0	0.0	0.0	
5.00000	46.00000	0.00000	-8.9025	-0.50000	0.0	0.0	0.0	
6.00000	46.00000	0.00000	-9.1440	-0.50000	0.0	0.0	0.0	
7.00000	46.00000	0.00000	-9.3767	-0.50000	0.0	0.0	0.0	
8.00000	46.00000	0.00000	-9.5997	-0.50000	0.0	0.0	0.0	
9.00000	46.00000	0.00000	-9.8124	-0.50000	0.0	0.0	0.0	
10.00000	46.00000	0.00000	-10.014	-0.50000	0.0	0.0	0.0	
11.00000	46.00000	0.00000	-10.204	-0.50000	0.0	0.0	0.0	
12.00000	46.00000	0.00000	-10.381	-0.50000	0.0	0.0	0.0	
13.00000	46.00000	0.00000	-10.545	-0.50000	0.0	0.0	0.0	
14.00000	46.00000	0.00000	-10.696	-0.50000	0.0	0.0	0.0	
15.00000	46.00000	0.00000	-10.833	-0.50000	0.0	0.0	0.0	
16.00000	46.00000	0.00000	-10.955	-0.50000	0.0	0.0	0.0	
17.00000	46.00000	0.00000	-11.061	-0.50000	0.0	0.0	0.0	
18.00000	46.00000	0.00000	-11.152	-0.50000	0.0	0.0	0.0	
19.00000	46.00000	0.00000	-11.225	-0.50000	0.0	0.0	0.0	
20.00000	46.00000	0.00000	-11.281	-0.50000	0.0	0.0	0.0	
21.00000	46.00000	0.00000	-11.318	-0.50000	0.0	0.0	0.0	
22.00000	46.00000	0.00000	-11.336	-0.50000	0.0	0.0	0.0	
23.00000	46.00000	0.00000	-11.333	-0.50000	0.0	0.0	0.0	
24.00000	46.00000	0.00000	-11.309	-0.50000	0.0	0.0	0.0	
25.00000	46.00000	0.00000	-11.263	-0.50000	0.0	0.0	0.0	
26.00000	46.00000	0.00000	-11.195	-0.50000	0.0	0.0	0.0	
27.00000	46.00000	0.00000	-11.103	-0.50000	0.0	0.0	0.0	
28.00000	46.00000	0.00000	-10.989	-0.50000	0.0	0.0	0.0	
29.00000	46.00000	0.00000	-10.852	-0.50000	0.0	0.0	0.0	
30.00000	46.00000	0.00000	-10.692	-0.50000	0.0	0.0	0.0	
31.00000	46.00000	0.00000	-10.510	-0.50000	0.0	0.0	0.0	
32.00000	46.00000	0.00000	-10.307	-0.50000	0.0	0.0	0.0	
33.00000	46.00000	0.00000	-10.085	-0.50000	0.0	0.0	0.0	
34.00000	46.00000	0.00000	-9.8444	-0.50000	0.0	0.0	0.0	
35.00000	46.00000	0.00000	-9.5874	-0.50000	0.0	0.0	0.0	
36.00000	46.00000	0.00000	-9.3159	-0.50000	0.0	0.0	0.0	
37.00000	46.00000	0.00000	-9.0322	-0.50000	0.0	0.0	0.0	
38.00000	46.00000	0.00000	-8.7385	-0.50000	0.0	0.0	0.0	
39.00000	46.00000	0.00000	-8.4372	-0.50000	0.0	0.0	0.0	
40.00000	46.00000	0.00000	-8.1306	-0.50000	0.0	0.0	0.0	
41.00000	46.00000	0.00000	-7.8210	-0.50000	0.0	0.0	0.0	
42.00000	46.00000	0.00000	-7.5105	-0.50000	0.0	0.0	0.0	
43.00000	46.00000	0.00000	-7.2013	-0.50000	0.0	0.0	0.0	
44.00000	46.00000	0.00000	-6.8949	-0.50000	0.0	0.0	0.0	
45.00000	46.00000	0.00000	-6.5931	-0.50000	0.0	0.0	0.0	
46.00000	46.00000	0.00000	-6.2970	-0.50000	0.0	0.0	0.0	
47.00000	46.00000	0.00000	-6.0079	-0.50000	0.0	0.0	0.0	
48.00000	46.00000	0.00000	-5.7265	-0.50000	0.0	0.0	0.0	
49.00000	46.00000	0.00000	-5.4536	-0.50000	0.0	0.0	0.0	
50.00000	46.00000	0.00000	-5.1896	-0.50000	0.0	0.0	0.0	
51.00000	46.00000	0.00000	-4.9349	-0.50000	0.0	0.0	0.0	
52.00000	46.00000	0.00000	-4.6897	-0.50000	0.0	0.0	0.0	
53.00000	46.00000	0.00000	-4.4541	-0.50000	0.0	0.0	0.0	
54.00000	46.00000	0.00000	-4.2282	-0.50000	0.0	0.0	0.0	
55.00000	46.00000	0.00000	-4.0117	-0.50000	0.0	0.0	0.0	
56.00000	46.00000	0.00000	-3.8047	-0.50000	0.0	0.0	0.0	
57.00000	46.00000	0.00000	-3.6068	-0.50000	0.0	0.0	0.0	
58.00000	46.00000	0.00000	-3.4180	-0.50000	0.0	0.0	0.0	
59.00000	46.00000	0.00000	-3.2379	-0.50000	0.0	0.0		

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

Name	Location		Z [Level] [mOD]	Z [mm]	Stresses			Vert Strain [-]
	X [m]	Y [m]			Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	
-18.00000	47.00000	0.00000	-3.1881	-0.50000	0.0	0.0	0.0	
-17.00000	47.00000	0.00000	-3.3557	-0.50000	0.0	0.0	0.0	
-16.00000	47.00000	0.00000	-3.5302	-0.50000	0.0	0.0	0.0	
-15.00000	47.00000	0.00000	-3.7117	-0.50000	0.0	0.0	0.0	
-14.00000	47.00000	0.00000	-3.9002	-0.50000	0.0	0.0	0.0	
-13.00000	47.00000	0.00000	-4.0956	-0.50000	0.0	0.0	0.0	
-12.00000	47.00000	0.00000	-4.2979	-0.50000	0.0	0.0	0.0	
-11.00000	47.00000	0.00000	-4.5068	-0.50000	0.0	0.0	0.0	
-10.00000	47.00000	0.00000	-4.7221	-0.50000	0.0	0.0	0.0	
-9.00000	47.00000	0.00000	-4.9435	-0.50000	0.0	0.0	0.0	
-8.00000	47.00000	0.00000	-5.1705	-0.50000	0.0	0.0	0.0	
-7.00000	47.00000	0.00000	-5.4027	-0.50000	0.0	0.0	0.0	
-6.00000	47.00000	0.00000	-5.6393	-0.50000	0.0	0.0	0.0	
-5.00000	47.00000	0.00000	-5.8798	-0.50000	0.0	0.0	0.0	
-4.00000	47.00000	0.00000	-6.1234	-0.50000	0.0	0.0	0.0	
-3.00000	47.00000	0.00000	-6.3691	-0.50000	0.0	0.0	0.0	
-2.00000	47.00000	0.00000	-6.6160	-0.50000	0.0	0.0	0.0	
-1.00000	47.00000	0.00000	-6.8632	-0.50000	0.0	0.0	0.0	
0.00000	47.00000	0.00000	-7.1095	-0.50000	0.0	0.0	0.0	
1.00000	47.00000	0.00000	-7.3539	-0.50000	0.0	0.0	0.0	
2.00000	47.00000	0.00000	-7.5953	-0.50000	0.0	0.0	0.0	
3.00000	47.00000	0.00000	-7.8327	-0.50000	0.0	0.0	0.0	
4.00000	47.00000	0.00000	-8.0649	-0.50000	0.0	0.0	0.0	
5.00000	47.00000	0.00000	-8.2910	-0.50000	0.0	0.0	0.0	
6.00000	47.00000	0.00000	-8.5101	-0.50000	0.0	0.0	0.0	
7.00000	47.00000	0.00000	-8.7212	-0.50000	0.0	0.0	0.0	
8.00000	47.00000	0.00000	-8.9236	-0.50000	0.0	0.0	0.0	
9.00000	47.00000	0.00000	-9.1164	-0.50000	0.0	0.0	0.0	
10.00000	47.00000	0.00000	-9.2991	-0.50000	0.0	0.0	0.0	
11.00000	47.00000	0.00000	-9.4709	-0.50000	0.0	0.0	0.0	
12.00000	47.00000	0.00000	-9.6313	-0.50000	0.0	0.0	0.0	
13.00000	47.00000	0.00000	-9.7797	-0.50000	0.0	0.0	0.0	
14.00000	47.00000	0.00000	-9.9155	-0.50000	0.0	0.0	0.0	
15.00000	47.00000	0.00000	-10.038	-0.50000	0.0	0.0	0.0	
16.00000	47.00000	0.00000	-10.147	-0.50000	0.0	0.0	0.0	
17.00000	47.00000	0.00000	-10.242	-0.50000	0.0	0.0	0.0	
18.00000	47.00000	0.00000	-10.322	-0.50000	0.0	0.0	0.0	
19.00000	47.00000	0.00000	-10.386	-0.50000	0.0	0.0	0.0	
20.00000	47.00000	0.00000	-10.433	-0.50000	0.0	0.0	0.0	
21.00000	47.00000	0.00000	-10.464	-0.50000	0.0	0.0	0.0	
22.00000	47.00000	0.00000	-10.477	-0.50000	0.0	0.0	0.0	
23.00000	47.00000	0.00000	-10.471	-0.50000	0.0	0.0	0.0	
24.00000	47.00000	0.00000	-10.446	-0.50000	0.0	0.0	0.0	
25.00000	47.00000	0.00000	-10.402	-0.50000	0.0	0.0	0.0	
26.00000	47.00000	0.00000	-10.338	-0.50000	0.0	0.0	0.0	
27.00000	47.00000	0.00000	-10.253	-0.50000	0.0	0.0	0.0	
28.00000	47.00000	0.00000	-10.148	-0.50000	0.0	0.0	0.0	
29.00000	47.00000	0.00000	-10.023	-0.50000	0.0	0.0	0.0	
30.00000	47.00000	0.00000	-9.8777	-0.50000	0.0	0.0	0.0	
31.00000	47.00000	0.00000	-9.7135	-0.50000	0.0	0.0	0.0	
32.00000	47.00000	0.00000	-9.5311	-0.50000	0.0	0.0	0.0	
33.00000	47.00000	0.00000	-9.3315	-0.50000	0.0	0.0	0.0	
34.00000	47.00000	0.00000	-9.1159	-0.50000	0.0	0.0	0.0	
35.00000	47.00000	0.00000	-8.8858	-0.50000	0.0	0.0	0.0	
36.00000	47.00000	0.00000	-8.6431	-0.50000	0.0	0.0	0.0	
37.00000	47.00000	0.00000	-8.3894	-0.50000	0.0	0.0	0.0	
38.00000	47.00000	0.00000	-8.1267	-0.50000	0.0	0.0	0.0	
39.00000	47.00000	0.00000	-7.8569	-0.50000	0.0	0.0	0.0	
40.00000	47.00000	0.00000	-7.5821	-0.50000	0.0	0.0	0.0	
41.00000	47.00000	0.00000	-7.3042	-0.50000	0.0	0.0	0.0	
42.00000	47.00000	0.00000	-7.0249	-0.50000	0.0	0.0	0.0	
43.00000	47.00000	0.00000	-6.7461	-0.50000	0.0	0.0	0.0	
44.00000	47.00000	0.00000	-6.4692	-0.50000	0.0	0.0	0.0	
45.00000	47.00000	0.00000	-6.1956	-0.50000	0.0	0.0	0.0	
46.00000	47.00000	0.00000	-5.9266	-0.50000	0.0	0.0	0.0	
47.00000	47.00000	0.00000	-5.6630	-0.50000	0.0	0.0	0.0	
48.00000	47.00000	0.00000	-5.4058	-0.50000	0.0	0.0	0.0	
49.00000	47.00000	0.00000	-5.1556	-0.50000	0.0	0.0	0.0	
50.00000	47.00000	0.00000	-4.9130	-0.50000	0.0	0.0	0.0	
51.00000	47.00000	0.00000	-4.6782	-0.50000	0.0	0.0	0.0	
52.00000	47.00000	0.00000	-4.4516	-0.50000	0.0	0.0	0.0	
53.00000	47.00000	0.00000	-4.2333	-0.50000	0.0	0.0	0.0	
54.00000	47.00000	0.00000	-4.0223	-0.50000	0.0	0.0	0.0	
55.00000	47.00000	0.00000	-3.8218	-0.50000	0.0	0.0	0.0	
56.00000	47.00000	0.00000	-3.6286	-0.50000	0.0	0.0	0.0	
57.00000	47.00000	0.00000	-3.4436	-0.50000	0.0	0.0	0.0	
58.00000	47.00000	0.00000	-3.2666	-0.50000	0.0	0.0	0.0	
59.00000	47.00000	0.00000	-3.0975	-0.50000	0.0	0.0	0.0	
60.00000	47.00000	0.00000	-2.9361	-0.50000	0.0	0.0	0.0	
-20.00000	48.00000	0.00000	-2.7467	-0.50000	0.0	0.0	0.0	
-19.00000	48.00000	0.00000	-2.8923	-0.50000	0.0	0.0	0.0	
-18.00000	48.00000	0.00000	-3.0419	-0.50000	0.0	0.0	0.0	
-17.00000	48.00000	0.00000	-3.1987	-0.50000	0.0	0.0	0.0	
-16.00000	48.00000	0.00000	-3.3618	-0.50000	0.0	0.0	0.0	
-15.00000	48.00000	0.00000	-3.5310	-0.50000	0.0	0.0	0.0	
-14.00000	48.00000	0.00000	-3.7065	-0.50000	0.0	0.0	0.0	
-13.00000	48.00000	0.00000	-3.8881	-0.50000	0.0	0.0	0.0	
-12.00000	48.00000	0.00000	-4.0757	-0.50000	0.0	0.0	0.0	
-11.00000	48.00000	0.00000	-4.2691	-0.50000	0.0	0.0	0.0	
-10.00000	48.00000	0.00000	-4.4680	-0.50000	0.0	0.0	0.0	
-9.00000	48.00000	0.00000	-4.6721	-0.50000	0.0	0.0	0.0	
-8.00000	48.00000	0.00000	-4.8811	-0.50000	0.0	0.0	0.0	
-7.00000	48.00000	0.00000	-5.0944	-0.50000	0.0	0.0	0.0	
-6.00000	48.00000	0.00000	-5.3115	-0.50000	0.0	0.0	0.0	
-5.00000	48.00000	0.00000	-5.5318	-0.50000	0.0	0.0	0.0	
-4.00000	48.00000	0.00000	-5.7545	-0.50000	0.0	0.0	0.0	
-3.00000	48.00000	0.00000	-5.9789	-0.50000	0.0	0.0	0.0	
-2.00000	48.00000	0.00000	-6.2041	-0.50000	0.0	0.0	0.0	
-1.00000	48.00000	0.00000	-6.4293	-0.50000	0.0	0.0	0.0	
0.00000	48.00000	0.00000	-6.6536	-0.50000	0.0	0.0	0.0	
1.00000	48.00000	0.00000	-6.8760	-0.50000	0.0	0.0	0.0	
2.00000	48.00000	0.00000	-7.0955	-0.50000	0.0	0.0	0.0	
3.00000	48.00000	0.00000	-7.3112	-0.50000	0.0	0.0	0.0	
4.00000	48.00000	0.00000	-7.5223	-0.50000	0.0	0.0	0.0	
5.00000	48.00000	0.00000	-7.7277	-0.50000	0.0	0.0	0.0	
6.00000	48.00000	0.00000	-7.9267	-0.50000	0.0	0.0	0.0	
7.00000	48.00000	0.00000	-8.1185	-0.50000	0.0	0.0	0.0	
8.00000	48.00000	0.00000	-8.3022	-0.50000	0.0	0.0	0.0	
9.00000	48.00000	0.00000	-8.4773	-0.50000	0.0	0.0	0.0	
10.00000	48.00000	0.00000	-8.6430	-0.50000	0.0	0.0	0.0	
11.00000	48.00000	0.00000	-8.7987	-0.50000	0.0	0.0	0.0	
12.00000	48.00000	0.00000	-8.9439	-0.50000	0.0	0.0	0.0	
13.00000	48.00000	0.00000	-9.0780	-0.50000	0.0	0.0	0.0	
14.00000	48.00000	0.00000	-9.2005	-0.50000	0.0	0.0	0.0	
15.00000	48.00000	0.00000	-9.3108	-0.50000	0.0	0.0	0.0	
16.00000	48.00000	0.00000	-9.4084	-0.50000	0.0	0.0	0.0	
17.00000	48.00000	0.00000	-9.4927	-0.50000	0.0	0.0	0.0	
18.00000	48.00000	0.00000	-9.5631	-0.50000	0.0	0.0	0.0	
19.00000	48.00000	0.00000	-9.6191	-0.50000	0.0	0.0	0.0	
20.00000	48.00000	0.00000	-9.6601	-0.50000	0.0	0.0	0.0	
21.00000	48.00000	0.00000	-9.6854	-0.50000	0.0	0.0	0.0	
22.00000	48.00000	0.00000	-9.6945	-0.50000	0.0	0.0	0.0	
23.00000	48.00000	0.00000	-9.6869	-0.50000	0.0	0.0	0.0	
24.00000	48.00000	0.00000	-9.6621	-0.50000	0.0	0.0	0.0	
25.00000	48.00000	0.00000	-9.6196	-0.50000	0.0	0.0	0.0	
26.00000	48.00000	0.00000	-9.5593	-0.50000	0.0	0.0	0.0	
27.00000	48.00000	0.00000	-9.4810	-0.50000	0.0	0.0	0.0	
28.00000	48.00000	0.00000	-9.3847	-0.50000	0.0	0.0	0.0	
29.00000	48.00000	0.00000	-9.2705	-0.50000	0.0	0.0	0.0	
30.00000	48.00000	0.00000	-9.1389	-0.50000	0.0	0.0	0.0	
31.00000	48.00000	0.00000	-8.9905	-0.50000	0.0	0.0	0.0	
32.00000	48.00000	0.00000	-8.8260	-0.50000	0.0	0.0	0.0	
33.00000	48.00000	0.00000	-8.6463	-0.50000	0.0	0.0	0.0	
34.00000	48.00000	0.00000	-8.4526	-0.50000	0.0	0.0	0.0	
35.00000	48.00000	0.00000	-8.2461	-0.50000	0.0	0.0	0.0	
36.00000	48.00000	0.00000	-8.0283	-0.50000	0.0	0.0	0.0	
37.00000	48.00000	0.00000	-7.8008	-0.50000	0.0	0.0	0.0	
38.00000	48.00000	0.00000	-7.5651	-0.50000	0.0	0.0	0.0	



73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Stresses			
	X [m]	Y [m]			Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
42.00000	48.00000	0.00000	-6.5739	-0.50000	0.0	0.0	0.0	
43.00000	48.00000	0.00000	-6.3219	-0.50000	0.0	0.0	0.0	
44.00000	48.00000	0.00000	-6.0711	-0.50000	0.0	0.0	0.0	
45.00000	48.00000	0.00000	-5.8228	-0.50000	0.0	0.0	0.0	
46.00000	48.00000	0.00000	-5.5779	-0.50000	0.0	0.0	0.0	
47.00000	48.00000	0.00000	-5.3374	-0.50000	0.0	0.0	0.0	
48.00000	48.00000	0.00000	-5.1021	-0.50000	0.0	0.0	0.0	
49.00000	48.00000	0.00000	-4.8726	-0.50000	0.0	0.0	0.0	
50.00000	48.00000	0.00000	-4.6494	-0.50000	0.0	0.0	0.0	
51.00000	48.00000	0.00000	-4.4329	-0.50000	0.0	0.0	0.0	
52.00000	48.00000	0.00000	-4.2234	-0.50000	0.0	0.0	0.0	
53.00000	48.00000	0.00000	-4.0212	-0.50000	0.0	0.0	0.0	
54.00000	48.00000	0.00000	-3.8262	-0.50000	0.0	0.0	0.0	
55.00000	48.00000	0.00000	-3.6386	-0.50000	0.0	0.0	0.0	
56.00000	48.00000	0.00000	-3.4584	-0.50000	0.0	0.0	0.0	
57.00000	48.00000	0.00000	-3.2854	-0.50000	0.0	0.0	0.0	
58.00000	48.00000	0.00000	-3.1197	-0.50000	0.0	0.0	0.0	
59.00000	48.00000	0.00000	-2.9610	-0.50000	0.0	0.0	0.0	
60.00000	48.00000	0.00000	-2.8093	-0.50000	0.0	0.0	0.0	
-20.00000	49.00000	0.00000	-2.6239	-0.50000	0.0	0.0	0.0	
-19.00000	49.00000	0.00000	-2.7596	-0.50000	0.0	0.0	0.0	
-18.00000	49.00000	0.00000	-2.9008	-0.50000	0.0	0.0	0.0	
-17.00000	49.00000	0.00000	-3.0475	-0.50000	0.0	0.0	0.0	
-16.00000	49.00000	0.00000	-3.1998	-0.50000	0.0	0.0	0.0	
-15.00000	49.00000	0.00000	-3.3577	-0.50000	0.0	0.0	0.0	
-14.00000	49.00000	0.00000	-3.5210	-0.50000	0.0	0.0	0.0	
-13.00000	49.00000	0.00000	-3.6898	-0.50000	0.0	0.0	0.0	
-12.00000	49.00000	0.00000	-3.8638	-0.50000	0.0	0.0	0.0	
-11.00000	49.00000	0.00000	-4.0429	-0.50000	0.0	0.0	0.0	
-10.00000	49.00000	0.00000	-4.2268	-0.50000	0.0	0.0	0.0	
-9.00000	49.00000	0.00000	-4.4151	-0.50000	0.0	0.0	0.0	
-8.00000	49.00000	0.00000	-4.6076	-0.50000	0.0	0.0	0.0	
-7.00000	49.00000	0.00000	-4.8038	-0.50000	0.0	0.0	0.0	
-6.00000	49.00000	0.00000	-5.0032	-0.50000	0.0	0.0	0.0	
-5.00000	49.00000	0.00000	-5.2051	-0.50000	0.0	0.0	0.0	
-4.00000	49.00000	0.00000	-5.4091	-0.50000	0.0	0.0	0.0	
-3.00000	49.00000	0.00000	-5.6143	-0.50000	0.0	0.0	0.0	
-2.00000	49.00000	0.00000	-5.8200	-0.50000	0.0	0.0	0.0	
-1.00000	49.00000	0.00000	-6.0256	-0.50000	0.0	0.0	0.0	
0.00000	49.00000	0.00000	-6.2301	-0.50000	0.0	0.0	0.0	
1.00000	49.00000	0.00000	-6.4327	-0.50000	0.0	0.0	0.0	
2.00000	49.00000	0.00000	-6.6326	-0.50000	0.0	0.0	0.0	
3.00000	49.00000	0.00000	-6.8290	-0.50000	0.0	0.0	0.0	
4.00000	49.00000	0.00000	-7.0210	-0.50000	0.0	0.0	0.0	
5.00000	49.00000	0.00000	-7.2079	-0.50000	0.0	0.0	0.0	
6.00000	49.00000	0.00000	-7.3888	-0.50000	0.0	0.0	0.0	
7.00000	49.00000	0.00000	-7.5632	-0.50000	0.0	0.0	0.0	
8.00000	49.00000	0.00000	-7.7302	-0.50000	0.0	0.0	0.0	
9.00000	49.00000	0.00000	-7.8892	-0.50000	0.0	0.0	0.0	
10.00000	49.00000	0.00000	-8.0396	-0.50000	0.0	0.0	0.0	
11.00000	49.00000	0.00000	-8.1809	-0.50000	0.0	0.0	0.0	
12.00000	49.00000	0.00000	-8.3124	-0.50000	0.0	0.0	0.0	
13.00000	49.00000	0.00000	-8.4337	-0.50000	0.0	0.0	0.0	
14.00000	49.00000	0.00000	-8.5443	-0.50000	0.0	0.0	0.0	
15.00000	49.00000	0.00000	-8.6435	-0.50000	0.0	0.0	0.0	
16.00000	49.00000	0.00000	-8.7310	-0.50000	0.0	0.0	0.0	
17.00000	49.00000	0.00000	-8.8063	-0.50000	0.0	0.0	0.0	
18.00000	49.00000	0.00000	-8.8687	-0.50000	0.0	0.0	0.0	
19.00000	49.00000	0.00000	-8.9178	-0.50000	0.0	0.0	0.0	
20.00000	49.00000	0.00000	-8.9532	-0.50000	0.0	0.0	0.0	
21.00000	49.00000	0.00000	-8.9742	-0.50000	0.0	0.0	0.0	
22.00000	49.00000	0.00000	-8.9805	-0.50000	0.0	0.0	0.0	
23.00000	49.00000	0.00000	-8.9716	-0.50000	0.0	0.0	0.0	
24.00000	49.00000	0.00000	-8.9472	-0.50000	0.0	0.0	0.0	
25.00000	49.00000	0.00000	-8.9070	-0.50000	0.0	0.0	0.0	
26.00000	49.00000	0.00000	-8.8507	-0.50000	0.0	0.0	0.0	
27.00000	49.00000	0.00000	-8.7784	-0.50000	0.0	0.0	0.0	
28.00000	49.00000	0.00000	-8.6901	-0.50000	0.0	0.0	0.0	
29.00000	49.00000	0.00000	-8.5860	-0.50000	0.0	0.0	0.0	
30.00000	49.00000	0.00000	-8.4665	-0.50000	0.0	0.0	0.0	
31.00000	49.00000	0.00000	-8.3210	-0.50000	0.0	0.0	0.0	
32.00000	49.00000	0.00000	-8.1834	-0.50000	0.0	0.0	0.0	
33.00000	49.00000	0.00000	-8.0213	-0.50000	0.0	0.0	0.0	
34.00000	49.00000	0.00000	-7.8468	-0.50000	0.0	0.0	0.0	
35.00000	49.00000	0.00000	-7.6610	-0.50000	0.0	0.0	0.0	
36.00000	49.00000	0.00000	-7.4652	-0.50000	0.0	0.0	0.0	
37.00000	49.00000	0.00000	-7.2605	-0.50000	0.0	0.0	0.0	
38.00000	49.00000	0.00000	-7.0484	-0.50000	0.0	0.0	0.0	
39.00000	49.00000	0.00000	-6.8304	-0.50000	0.0	0.0	0.0	
40.00000	49.00000	0.00000	-6.6078	-0.50000	0.0	0.0	0.0	
41.00000	49.00000	0.00000	-6.3820	-0.50000	0.0	0.0	0.0	
42.00000	49.00000	0.00000	-6.1544	-0.50000	0.0	0.0	0.0	
43.00000	49.00000	0.00000	-5.9263	-0.50000	0.0	0.0	0.0	
44.00000	49.00000	0.00000	-5.6987	-0.50000	0.0	0.0	0.0	
45.00000	49.00000	0.00000	-5.4729	-0.50000	0.0	0.0	0.0	
46.00000	49.00000	0.00000	-5.2497	-0.50000	0.0	0.0	0.0	
47.00000	49.00000	0.00000	-5.0300	-0.50000	0.0	0.0	0.0	
48.00000	49.00000	0.00000	-4.8145	-0.50000	0.0	0.0	0.0	
49.00000	49.00000	0.00000	-4.6039	-0.50000	0.0	0.0	0.0	
50.00000	49.00000	0.00000	-4.3985	-0.50000	0.0	0.0	0.0	
51.00000	49.00000	0.00000	-4.1989	-0.50000	0.0	0.0	0.0	
52.00000	49.00000	0.00000	-4.0052	-0.50000	0.0	0.0	0.0	
53.00000	49.00000	0.00000	-3.8178	-0.50000	0.0	0.0	0.0	
54.00000	49.00000	0.00000	-3.6368	-0.50000	0.0	0.0	0.0	
55.00000	49.00000	0.00000	-3.4622	-0.50000	0.0	0.0	0.0	
56.00000	49.00000	0.00000	-3.2941	-0.50000	0.0	0.0	0.0	
57.00000	49.00000	0.00000	-3.1325	-0.50000	0.0	0.0	0.0	
58.00000	49.00000	0.00000	-2.9774	-0.50000	0.0	0.0	0.0	
59.00000	49.00000	0.00000	-2.8286	-0.50000	0.0	0.0	0.0	
60.00000	49.00000	0.00000	-2.6861	-0.50000	0.0	0.0	0.0	
-20.00000	50.00000	0.00000	-2.5051	-0.50000	0.0	0.0	0.0	
-19.00000	50.00000	0.00000	-2.6324	-0.50000	0.0	0.0	0.0	
-18.00000	50.00000	0.00000	-2.7647	-0.50000	0.0	0.0	0.0	
-17.00000	50.00000	0.00000	-2.9020	-0.50000	0.0	0.0	0.0	
-16.00000	50.00000	0.00000	-3.0443	-0.50000	0.0	0.0	0.0	
-15.00000	50.00000	0.00000	-3.1915	-0.50000	0.0	0.0	0.0	
-14.00000	50.00000	0.00000	-3.3436	-0.50000	0.0	0.0	0.0	
-13.00000	50.00000	0.00000	-3.5004	-0.50000	0.0	0.0	0.0	
-12.00000	50.00000	0.00000	-3.6619	-0.50000	0.0	0.0	0.0	
-11.00000	50.00000	0.00000	-3.8278	-0.50000	0.0	0.0	0.0	
-10.00000	50.00000	0.00000	-3.9979	-0.50000	0.0	0.0	0.0	
-9.00000	50.00000	0.00000	-4.1718	-0.50000	0.0	0.0	0.0	
-8.00000	50.00000	0.00000	-4.3493	-0.50000	0.0	0.0	0.0	
-7.00000	50.00000	0.00000	-4.5299	-0.50000	0.0	0.0	0.0	
-6.00000	50.00000	0.00000	-4.7131	-0.50				



73-75 Avenue Road, NW8

Total Heave

Name	Location				Stresses			
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
0.00000	-19.00000	-8.50000	-6.1130	-8.9310	-156.43E-6	-0.62099	4.7685E-6	
1.00000	-19.00000	-8.50000	-6.3149	-8.9310	-167.13E-6	-0.64546	4.9562E-6	
2.00000	-19.00000	-8.50000	-6.5138	-8.9310	-177.88E-6	-0.66975	5.1425E-6	
3.00000	-19.00000	-8.50000	-6.7087	-8.9310	-188.57E-6	-0.69368	5.3261E-6	
4.00000	-19.00000	-8.50000	-6.8984	-8.9310	-199.08E-6	-0.71710	5.5057E-6	
5.00000	-19.00000	-8.50000	-7.0820	-8.9310	-209.30E-6	-0.73984	5.6801E-6	
6.00000	-19.00000	-8.50000	-7.2585	-8.9310	-219.13E-6	-0.76174	5.8481E-6	
7.00000	-19.00000	-8.50000	-7.4269	-8.9310	-228.49E-6	-0.78265	6.0085E-6	
8.00000	-19.00000	-8.50000	-7.5863	-8.9310	-237.29E-6	-0.80245	6.1603E-6	
9.00000	-19.00000	-8.50000	-7.7358	-8.9310	-245.48E-6	-0.82101	6.3026E-6	
10.00000	-19.00000	-8.50000	-7.8748	-8.9310	-253.00E-6	-0.83822	6.4347E-6	
11.00000	-19.00000	-8.50000	-8.0024	-8.9310	-259.83E-6	-0.85400	6.5557E-6	
12.00000	-19.00000	-8.50000	-8.1181	-8.9310	-265.94E-6	-0.86826	6.6651E-6	
13.00000	-19.00000	-8.50000	-8.2213	-8.9310	-271.31E-6	-0.88096	6.7625E-6	
14.00000	-19.00000	-8.50000	-8.3115	-8.9310	-275.96E-6	-0.89202	6.8474E-6	
15.00000	-19.00000	-8.50000	-8.3884	-8.9310	-279.87E-6	-0.90143	6.9195E-6	
16.00000	-19.00000	-8.50000	-8.4515	-8.9310	-283.05E-6	-0.90914	6.9787E-6	
17.00000	-19.00000	-8.50000	-8.5006	-8.9310	-285.51E-6	-0.91514	7.0247E-6	
18.00000	-19.00000	-8.50000	-8.5455	-8.9310	-287.25E-6	-0.91940	7.0574E-6	
19.00000	-19.00000	-8.50000	-8.5561	-8.9310	-288.29E-6	-0.92192	7.0767E-6	
20.00000	-19.00000	-8.50000	-8.5622	-8.9310	-288.61E-6	-0.92269	7.0827E-6	
21.00000	-19.00000	-8.50000	-8.5539	-8.9310	-288.24E-6	-0.92171	7.0751E-6	
22.00000	-19.00000	-8.50000	-8.5312	-8.9310	-287.15E-6	-0.91899	7.0542E-6	
23.00000	-19.00000	-8.50000	-8.4942	-8.9310	-285.35E-6	-0.91452	7.0199E-6	
24.00000	-19.00000	-8.50000	-8.4430	-8.9310	-282.84E-6	-0.90832	6.9724E-6	
25.00000	-19.00000	-8.50000	-8.3778	-8.9310	-279.61E-6	-0.90041	6.9117E-6	
26.00000	-19.00000	-8.50000	-8.2990	-8.9310	-275.65E-6	-0.89081	6.8380E-6	
27.00000	-19.00000	-8.50000	-8.2068	-8.9310	-270.96E-6	-0.87955	6.7517E-6	
28.00000	-19.00000	-8.50000	-8.1017	-8.9310	-265.53E-6	-0.86667	6.6529E-6	
29.00000	-19.00000	-8.50000	-7.9841	-8.9310	-259.38E-6	-0.85222	6.5420E-6	
30.00000	-19.00000	-8.50000	-7.8547	-8.9310	-252.51E-6	-0.83627	6.4197E-6	
31.00000	-19.00000	-8.50000	-7.7140	-8.9310	-244.94E-6	-0.81889	6.2864E-6	
32.00000	-19.00000	-8.50000	-7.5628	-8.9310	-236.72E-6	-0.80018	6.1429E-6	
33.00000	-19.00000	-8.50000	-7.4019	-8.9310	-227.88E-6	-0.78024	5.9899E-6	
34.00000	-19.00000	-8.50000	-7.2321	-8.9310	-218.49E-6	-0.75919	5.8285E-6	
35.00000	-19.00000	-8.50000	-7.0542	-8.9310	-208.63E-6	-0.73716	5.6595E-6	
36.00000	-19.00000	-8.50000	-6.8694	-8.9310	-198.38E-6	-0.71431	5.4843E-6	
37.00000	-19.00000	-8.50000	-6.6785	-8.9310	-187.85E-6	-0.69079	5.3039E-6	
38.00000	-19.00000	-8.50000	-6.4827	-8.9310	-177.15E-6	-0.66677	5.1196E-6	
39.00000	-19.00000	-8.50000	-6.2829	-8.9310	-166.38E-6	-0.64241	4.9328E-6	
40.00000	-19.00000	-8.50000	-6.0803	-8.9310	-155.67E-6	-0.61787	4.7446E-6	
41.00000	-19.00000	-8.50000	-5.8757	-8.9310	-145.11E-6	-0.59333	4.5563E-6	
42.00000	-19.00000	-8.50000	-5.6702	-8.9310	-134.81E-6	-0.56893	4.3691E-6	
43.00000	-19.00000	-8.50000	-5.4647	-8.9310	-124.85E-6	-0.54480	4.1840E-6	
44.00000	-19.00000	-8.50000	-5.2602	-8.9310	-115.30E-6	-0.52108	4.0021E-6	
45.00000	-19.00000	-8.50000	-5.0573	-8.9310	-106.22E-6	-0.49788	3.8240E-6	
46.00000	-19.00000	-8.50000	-4.8568	-8.9310	-97.649E-6	-0.47528	3.6506E-6	
47.00000	-19.00000	-8.50000	-4.6593	-8.9310	-89.606E-6	-0.45336	3.4824E-6	
48.00000	-19.00000	-8.50000	-4.4655	-8.9310	-82.104E-6	-0.43218	3.3199E-6	
49.00000	-19.00000	-8.50000	-4.2758	-8.9310	-75.142E-6	-0.41178	3.1633E-6	
50.00000	-19.00000	-8.50000	-4.0905	-8.9310	-68.709E-6	-0.39218	3.0129E-6	
51.00000	-19.00000	-8.50000	-3.9101	-8.9310	-62.788E-6	-0.37342	2.8689E-6	
52.00000	-19.00000	-8.50000	-3.7348	-8.9310	-57.355E-6	-0.35548	2.7312E-6	
53.00000	-19.00000	-8.50000	-3.5648	-8.9310	-52.383E-6	-0.33837	2.5998E-6	
54.00000	-19.00000	-8.50000	-3.4002	-8.9310	-47.842E-6	-0.32207	2.4747E-6	
55.00000	-19.00000	-8.50000	-3.2412	-8.9310	-43.702E-6	-0.30657	2.3568E-6	
56.00000	-19.00000	-8.50000	-3.0878	-8.9310	-39.933E-6	-0.29184	2.2426E-6	
57.00000	-19.00000	-8.50000	-2.9400	-8.9310	-36.505E-6	-0.27787	2.1352E-6	
58.00000	-19.00000	-8.50000	-2.7978	-8.9310	-33.389E-6	-0.26461	2.0335E-6	
59.00000	-19.00000	-8.50000	-2.6611	-8.9310	-30.557E-6	-0.25205	1.9370E-6	
60.00000	-19.00000	-8.50000	-2.5298	-8.9310	-27.985E-6	-0.24015	1.8456E-6	
-20.00000	-18.00000	-8.50000	-2.6763	-8.9310	-30.763E-6	-0.25328	1.9464E-6	
-19.00000	-18.00000	-8.50000	-2.8169	-8.9310	-33.679E-6	-0.26621	2.0457E-6	
-18.00000	-18.00000	-8.50000	-2.9635	-8.9310	-36.903E-6	-0.27989	2.1508E-6	
-17.00000	-18.00000	-8.50000	-3.1162	-8.9310	-40.466E-6	-0.29436	2.2619E-6	
-16.00000	-18.00000	-8.50000	-3.2752	-8.9310	-44.404E-6	-0.30965	2.3793E-6	
-15.00000	-18.00000	-8.50000	-3.4404	-8.9310	-48.753E-6	-0.32581	2.5034E-6	
-14.00000	-18.00000	-8.50000	-3.6138	-8.9310	-53.548E-6	-0.34287	2.6348E-6	
-13.00000	-18.00000	-8.50000	-3.7894	-8.9310	-58.848E-6	-0.36085	2.7724E-6	
-12.00000	-18.00000	-8.50000	-3.9732	-8.9310	-64.678E-6	-0.37979	2.9178E-6	
-11.00000	-18.00000	-8.50000	-4.1630	-8.9310	-71.083E-6	-0.39970	3.0713E-6	
-10.00000	-18.00000	-8.50000	-4.3586	-8.9310	-78.106E-6	-0.42060	3.2310E-6	
-9.00000	-18.00000	-8.50000	-4.5598	-8.9310	-85.781E-6	-0.44248	3.3989E-6	
-8.00000	-18.00000	-8.50000	-4.7661	-8.9310	-94.140E-6	-0.46534	3.5744E-6	
-7.00000	-18.00000	-8.50000	-4.9772	-8.9310	-103.20E-6	-0.48915	3.7577E-6	
-6.00000	-18.00000	-8.50000	-5.1925	-8.9310	-112.98E-6	-0.51387	3.9467E-6	
-5.00000	-18.00000	-8.50000	-5.4114	-8.9310	-123.46E-6	-0.53943	4.1428E-6	
-4.00000	-18.00000	-8.50000	-5.6332	-8.9310	-134.62E-6	-0.56576	4.3477E-6	
-3.00000	-18.00000	-8.50000	-5.8572	-8.9310	-146.41E-6	-0.59274	4.5517E-6	
-2.00000	-18.00000	-8.50000	-6.0823	-8.9310	-158.77E-6	-0.62024	4.7627E-6	
-1.00000	-18.00000	-8.50000	-6.3077	-8.9310	-171.61E-6	-0.64813	4.9765E-6	
0.00000	-18.00000	-8.50000	-6.5323	-8.9310	-184.80E-6	-0.67622	5.1934E-6	
1.00000	-18.00000	-8.50000	-6.7548	-8.9310	-198.23E-6	-0.70434	5.4076E-6	
2.00000	-18.00000	-8.50000	-6.9743	-8.9310	-211.73E-6	-0.73229	5.6219E-6	
3.00000	-18.00000	-8.50000	-7.1895	-8.9310	-225.17E-6	-0.76004	5.8374E-6	
4.00000	-18.00000	-8.50000	-7.3991	-8.9310	-238.37E-6	-0.78685	6.0403E-6	
5.00000	-18.00000	-8.50000	-7.6021	-8.9310	-251.20E-6	-0.81307	6.2413E-6	
6.00000	-18.00000	-8.50000	-7.7973	-8.9310	-263.53E-6	-0.83891	6.4349E-6	
7.00000	-18.00000	-8.50000	-7.9835	-8.9310	-275.22E-6	-0.86240	6.6196E-6	
8.00000	-18.00000	-8.50000	-8.1598	-8.9310	-286.19E-6	-0.88519	6.7943E-6	
9.00000	-18.00000	-8.50000	-8.3252	-8.9310	-296.35E-6	-0.90653	6.9580E-6	
10.00000	-18.00000	-8.50000	-8.4788	-8.9310	-305.66E-6	-0.92629	7.1096E-6	
11.00000	-18.00000	-8.50000	-8.6199	-8.9310	-314.07E-6	-0.94439	7.2483E-6	
12.00000	-18.00000	-8.50000	-8.7477	-8.9310	-321.57E-6	-0.96073	7.3737E-6	
13.00000	-18.00000	-8.50000	-8.8616	-8.9310				



73-75 Avenue Road, NW8

Total Heave

Name	X	Location	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
39.00000	-16.00000	-8.50000	-7.7005	-8.9310	-284.94E-6	-0.84293	6.4694E-6	
40.00000	-16.00000	-8.50000	-7.4275	-8.9310	-263.06E-6	-0.80509	6.1794E-6	
41.00000	-16.00000	-8.50000	-7.1530	-8.9310	-241.70E-6	-0.76746	5.8910E-6	
42.00000	-16.00000	-8.50000	-6.8784	-8.9310	-221.11E-6	-0.73032	5.6063E-6	
43.00000	-16.00000	-8.50000	-6.6052	-8.9310	-201.49E-6	-0.69394	5.3274E-6	
44.00000	-16.00000	-8.50000	-6.3347	-8.9310	-181.00E-6	-0.65852	5.0598E-6	
45.00000	-16.00000	-8.50000	-6.0679	-8.9310	-165.75E-6	-0.62424	4.7931E-6	
46.00000	-16.00000	-8.50000	-5.8059	-8.9310	-149.79E-6	-0.59123	4.5400E-6	
47.00000	-16.00000	-8.50000	-5.5494	-8.9310	-135.14E-6	-0.55960	4.2974E-6	
48.00000	-16.00000	-8.50000	-5.2993	-8.9310	-121.77E-6	-0.52940	4.0657E-6	
49.00000	-16.00000	-8.50000	-5.0560	-8.9310	-109.64E-6	-0.50067	3.8453E-6	
50.00000	-16.00000	-8.50000	-4.8199	-8.9310	-98.673E-6	-0.47341	3.6360E-6	
51.00000	-16.00000	-8.50000	-4.5915	-8.9310	-88.801E-6	-0.44762	3.4383E-6	
52.00000	-16.00000	-8.50000	-4.3710	-8.9310	-79.935E-6	-0.42325	3.2513E-6	
53.00000	-16.00000	-8.50000	-4.1584	-8.9310	-71.987E-6	-0.40028	3.0750E-6	
54.00000	-16.00000	-8.50000	-3.9539	-8.9310	-64.873E-6	-0.37864	2.9098E-6	
55.00000	-16.00000	-8.50000	-3.7574	-8.9310	-58.510E-6	-0.35827	2.7526E-6	
56.00000	-16.00000	-8.50000	-3.5689	-8.9310	-52.822E-6	-0.33913	2.6056E-6	
57.00000	-16.00000	-8.50000	-3.3883	-8.9310	-47.737E-6	-0.32114	2.4675E-6	
58.00000	-16.00000	-8.50000	-3.2155	-8.9310	-43.191E-6	-0.30423	2.3377E-6	
59.00000	-16.00000	-8.50000	-3.0502	-8.9310	-39.125E-6	-0.28836	2.2158E-6	
60.00000	-16.00000	-8.50000	-2.8923	-8.9310	-35.485E-6	-0.27345	2.1013E-6	
-20.00000	-15.00000	-8.50000	-3.0559	-8.9310	-39.070E-6	-0.28866	2.2182E-6	
-19.00000	-15.00000	-8.50000	-3.2249	-8.9310	-43.204E-6	-0.30488	2.3427E-6	
-18.00000	-15.00000	-8.50000	-3.4021	-8.9310	-47.842E-6	-0.32220	2.4757E-6	
-17.00000	-15.00000	-8.50000	-3.5876	-8.9310	-53.053E-6	-0.34069	2.6176E-6	
-16.00000	-15.00000	-8.50000	-3.7818	-8.9310	-58.912E-6	-0.36042	2.7691E-6	
-15.00000	-15.00000	-8.50000	-3.9847	-8.9310	-65.503E-6	-0.38148	2.9308E-6	
-14.00000	-15.00000	-8.50000	-4.1966	-8.9310	-72.921E-6	-0.40396	3.1033E-6	
-13.00000	-15.00000	-8.50000	-4.4175	-8.9310	-81.269E-6	-0.42793	3.2872E-6	
-12.00000	-15.00000	-8.50000	-4.6474	-8.9310	-90.660E-6	-0.45347	3.4832E-6	
-11.00000	-15.00000	-8.50000	-4.8865	-8.9310	-101.21E-6	-0.48066	3.6919E-6	
-10.00000	-15.00000	-8.50000	-5.1345	-8.9310	-113.06E-6	-0.50956	3.9186E-6	
-9.00000	-15.00000	-8.50000	-5.3912	-8.9310	-126.32E-6	-0.54023	4.1488E-6	
-8.00000	-15.00000	-8.50000	-5.6564	-8.9310	-141.12E-6	-0.57269	4.3978E-6	
-7.00000	-15.00000	-8.50000	-5.9296	-8.9310	-157.57E-6	-0.60697	4.6606E-6	
-6.00000	-15.00000	-8.50000	-6.2102	-8.9310	-175.76E-6	-0.64303	4.9371E-6	
-5.00000	-15.00000	-8.50000	-6.4975	-8.9310	-195.75E-6	-0.68082	5.2269E-6	
-4.00000	-15.00000	-8.50000	-6.7905	-8.9310	-217.54E-6	-0.72025	5.5290E-6	
-3.00000	-15.00000	-8.50000	-7.0881	-8.9310	-241.08E-6	-0.76124	5.8424E-6	
-2.00000	-15.00000	-8.50000	-7.3891	-8.9310	-266.25E-6	-0.80331	6.1655E-6	
-1.00000	-15.00000	-8.50000	-7.6920	-8.9310	-292.83E-6	-0.84648	6.4963E-6	
0.00000	-15.00000	-8.50000	-7.9952	-8.9310	-320.54E-6	-0.89035	6.8324E-6	
1.00000	-15.00000	-8.50000	-8.2970	-8.9310	-349.02E-6	-0.93455	7.1711E-6	
2.00000	-15.00000	-8.50000	-8.5956	-8.9310	-377.85E-6	-0.97871	7.5093E-6	
3.00000	-15.00000	-8.50000	-8.8890	-8.9310	-406.58E-6	-1.02224	7.8440E-6	
4.00000	-15.00000	-8.50000	-9.1784	-8.9310	-434.77E-6	-1.0652	8.1721E-6	
5.00000	-15.00000	-8.50000	-9.4530	-8.9310	-462.00E-6	-1.1068	8.4905E-6	
6.00000	-15.00000	-8.50000	-9.7200	-8.9310	-487.89E-6	-1.1467	8.7964E-6	
7.00000	-15.00000	-8.50000	-9.9746	-8.9310	-512.16E-6	-1.1847	9.0873E-6	
8.00000	-15.00000	-8.50000	-10.215	-8.9310	-534.59E-6	-1.2204	9.3612E-6	
9.00000	-15.00000	-8.50000	-10.441	-8.9310	-555.04E-6	-1.2537	9.6162E-6	
10.00000	-15.00000	-8.50000	-10.650	-8.9310	-573.44E-6	-1.2844	9.8510E-6	
11.00000	-15.00000	-8.50000	-10.842	-8.9310	-589.77E-6	-1.3122	10.0658E-6	
12.00000	-15.00000	-8.50000	-11.016	-8.9310	-604.08E-6	-1.3372	10.256E-6	
13.00000	-15.00000	-8.50000	-11.170	-8.9310	-616.42E-6	-1.3593	10.425E-6	
14.00000	-15.00000	-8.50000	-11.305	-8.9310	-626.88E-6	-1.3785	10.572E-6	
15.00000	-15.00000	-8.50000	-11.419	-8.9310	-635.34E-6	-1.3946	10.696E-6	
16.00000	-15.00000	-8.50000	-11.513	-8.9310	-642.48E-6	-1.4078	10.797E-6	
17.00000	-15.00000	-8.50000	-11.586	-8.9310	-647.78E-6	-1.4180	10.875E-6	
18.00000	-15.00000	-8.50000	-11.638	-8.9310	-651.50E-6	-1.4252	10.930E-6	
19.00000	-15.00000	-8.50000	-11.668	-8.9310	-653.70E-6	-1.4294	10.963E-6	
20.00000	-15.00000	-8.50000	-11.677	-8.9310	-654.40E-6	-1.4308	10.973E-6	
21.00000	-15.00000	-8.50000	-11.669	-8.9310	-653.60E-6	-1.4291	10.960E-6	
22.00000	-15.00000	-8.50000	-11.631	-8.9310	-651.31E-6	-1.4245	10.925E-6	
23.00000	-15.00000	-8.50000	-11.577	-8.9310	-647.49E-6	-1.4170	10.867E-6	
24.00000	-15.00000	-8.50000	-11.501	-8.9310	-642.09E-6	-1.4065	10.787E-6	
25.00000	-15.00000	-8.50000	-11.404	-8.9310	-635.05E-6	-1.3930	10.684E-6	
26.00000	-15.00000	-8.50000	-11.287	-8.9310	-626.30E-6	-1.3765	10.557E-6	
27.00000	-15.00000	-8.50000	-11.149	-8.9310	-615.75E-6	-1.3571	10.408E-6	
28.00000	-15.00000	-8.50000	-10.992	-8.9310	-603.32E-6	-1.3347	10.237E-6	
29.00000	-15.00000	-8.50000	-10.816	-8.9310	-588.93E-6	-1.3094	10.043E-6	
30.00000	-15.00000	-8.50000	-10.622	-8.9310	-572.51E-6	-1.2813	9.8274E-6	
31.00000	-15.00000	-8.50000	-10.410	-8.9310	-554.03E-6	-1.2504	9.5906E-6	
32.00000	-15.00000	-8.50000	-10.182	-8.9310	-533.51E-6	-1.2169	9.3348E-6	
33.00000	-15.00000	-8.50000	-9.9389	-8.9310	-511.01E-6	-1.1809	9.0580E-6	
34.00000	-15.00000	-8.50000	-9.6822	-8.9310	-486.68E-6	-1.1427	8.7654E-6	
35.00000	-15.00000	-8.50000	-9.4133	-8.9310	-460.72E-6	-1.1026	8.4580E-6	
36.00000	-15.00000	-8.50000	-9.1340	-8.9310	-433.45E-6	-1.0608	8.1383E-6	
37.00000	-15.00000	-8.50000	-8.8460	-8.9310	-405.22E-6	-1.0178	7.8091E-6	
38.00000	-15.00000	-8.50000	-8.5512	-8.9310	-376.45E-6	-0.97402	7.4733E-6	
39.00000	-15.00000	-8.50000	-8.2515	-8.9310	-347.60E-6	-0.92876	7.1343E-6	
40.00000	-15.00000	-8.50000	-7.9486	-8.9310	-319.10E-6	-0.88546	6.7949E-6	
41.00000	-15.00000	-8.50000	-7.6446	-8.9310	-291.38E-6	-0.84153	6.4584E-6	
42.00000	-15.00000	-8.50000	-7.3411	-8.9310	-264.80E-6	-0.79721	6.1243E-6	
43.00000	-15.00000	-8.50000	-7.0396	-8.9310	-239.64E-6	-0.75614	5.8040E-6	
44.00000	-15.00000	-8.50000	-6.7417	-8.9310	-216.12E-6	-0.71524	5.4906E-6	
45.00000	-15.00000	-8.50000	-6.4487	-8.9310	-194.35E-6	-0.67585	5.1866E-6	
46.00000	-15.00000	-8.50000	-6.1615	-8.9310	-174.39E-6	-0.63810	4.8931E-6	
47.00000	-15.00000	-8.50000	-5.8811	-8.9310	-156.24E-6	-0.60210	4.6232E-6	
48.00000	-15.00000	-8.50000	-5.6084	-8.9310	-139.83E-6	-0.56790	4.3610E-6	
49.00000	-15.00000	-8.50000	-5.3427	-8.9310	-125.07E-6	-0.53553	4.1072E-6	
50.00000	-15.00000	-8.50000	-5.0876	-8.9310	-111.86E-6	-0.50497	3.8783E-6	
51.00000	-15.00000	-8.50000	-4.8404	-8.9310	-100.07E-6	-0.47618	3.6575E-6	
52.00000	-15.00000	-8.50000	-4.6023	-8.9310	-89.569E-6	-0.44912	3.4498E-6	

Name		Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Vert Strain [-]
	-3.00000	-12.00000	-8.50000	-8.6007	-8.9310	-427.16E-6	-1.0038	7.7004E-6
	-2.00000	-12.00000	-8.50000	-9.0106	-8.9310	-485.08E-6	-1.0724	8.2250E-6
	-1.00000	-12.00000	-8.50000	-9.4262	-8.9310	-548.03E-6	-1.1437	8.7702E-6
	0.00000	-12.00000	-8.50000	-9.8450	-8.9310	-615.21E-6	-1.2171	9.3314E-6
	1.00000	-12.00000	-8.50000	-10.264	-8.9310	-685.42E-6	-1.2917	9.9023E-6
	2.00000	-12.00000	-8.50000	-10.680	-8.9310	-757.17E-6	-1.3668	10.476E-6
	3.00000	-12.00000	-8.50000	-11.090	-8.9310	-828.79E-6	-1.4413	11.046E-6
	4.00000	-12.00000	-8.50000	-11.491	-8.9310	-898.62E-6	-1.5143	11.604E-6
	5.00000	-12.00000	-8.50000	-11.880	-8.9310	-965.15E-6	-1.5848	12.144E-6
	6.00000	-12.00000	-8.50000	-12.253	-8.9310	-0.0010272	-1.6521	12.658E-6
	7.00000	-12.00000	-8.50000	-12.608	-8.9310	-0.0010839	-1.7156	13.144E-6
	8.00000	-12.00000	-8.50000	-12.943	-8.9310	-0.0011348	-1.7746	13.596E-6
	9.00000	-12.00000	-8.50000	-13.255	-8.9310	-0.0011799	-1.8290	14.011E-6
	10.00000	-12.00000	-8.50000	-13.544	-8.9310	-0.0012192	-1.8784	14.389E-6
	11.00000	-12.00000	-8.50000	-13.808	-8.9310	-0.0012530	-1.9228	14.729E-6
	12.00000	-12.00000	-8.50000	-14.045	-8.9310	-0.0012818	-1.9621	15.030E-6
	13.00000	-12.00000	-8.50000	-14.256	-8.9310	-0.0013059	-1.9964	15.293E-6
	14.00000	-12.00000	-8.50000	-14.439	-8.9310	-0.0013258	-2.0259	15.519E-6
	15.00000	-12.00000	-8.50000	-14.594	-8.9310	-0.0013420	-2.0505	15.700E-6
	16.00000	-12.00000	-8.50000	-14.720	-8.9310	-0.0013547	-2.0705	15.861E-6
	17.00000	-12.00000	-8.50000	-14.819	-8.9310	-0.0013643	-2.0858	15.978E-6
	18.00000	-12.00000	-8.50000	-14.888	-8.9310	-0.0013709	-2.0967	16.061E-6
	19.00000	-12.00000	-8.50000	-14.929	-8.9310	-0.0013748	-2.1030	16.110E-6
	20.00000	-12.00000	-8.50000	-14.942	-8.9310	-0.0013761	-2.1050	16.125E-6
	21.00000	-12.00000	-8.50000	-14.926	-8.9310	-0.0013747	-2.1026	16.107E-6
	22.00000	-12.00000	-8.50000	-14.880	-8.9310	-0.0013706	-2.0957	16.054E-6
	23.00000	-12.00000	-8.50000	-14.807	-8.9310	-0.0013638	-2.0845	15.968E-6
	24.00000	-12.00000	-8.50000	-14.705	-8.9310	-0.0013541	-2.0687	15.846E-6
	25.00000	-12.00000	-8.50000	-14.574	-8.9310	-0.0013412	-2.0483	15.690E-6
	26.00000	-12.00000	-8.50000	-14.415	-8.9310	-0.0013249	-2.0232	15.498E-6
	27.00000	-12.00000	-8.50000	-14.228	-8.9310	-0.0013048	-1.9933	15.269E-6
	28.00000	-12.00000	-8.50000	-14.014	-8.9310	-0.0012805	-1.9585	15.003E-6
	29.00000	-12.00000	-8.50000	-13.773	-8.9310	-0.0012516	-1.9187	14.698E-6
	30.00000	-12.00000	-8.50000	-13.506	-8.9310	-0.0012176	-1.8740	14.356E-6
	31.00000	-12.00000	-8.50000	-13.214	-8.9310	-0.0011782	-1.8242	13.974E-6
	32.00000	-12.00000	-8.50000	-12.899	-8.9310	-0.0011330	-1.7695	13.556E-6
	33.00000	-12.00000	-8.50000	-12.561	-8.9310	-0.0010820	-1.7101	13.102E-6
	34.00000	-12.00000	-8.50000	-12.203	-8.9310	-0.0010251	-1.6463	12.614E-6
	35.00000	-12.00000	-8.50000	-11.827	-8.9310	-963.00E-6	-1.5787	12.097E-6
	36.00000	-12.00000	-8.50000	-11.437	-8.9310	-896.39E-6	-1.5079	11.555E-6
	37.00000	-12.00000	-8.50000	-11.034	-8.9310	-826.49E-6	-1.4347	10.996E-6
	38.00000	-12.00000	-8.50000	-10.622	-8.9310	-754.82E-6	-1.3600	10.425E-6
	39.00000	-12.00000	-8.50000	-10.204	-8.9310	-683.03E-6	-1.2848	9.8494E-6
	40.00000	-12.00000	-8.50000	-9.7837	-8.9310	-612.79E-6	-1.2100	9.2775E-6
	41.00000	-12.00000	-8.50000	-9.3640	-8.9310	-545.61E-6	-1.1366	8.7158E-6
	42.00000	-12.00000	-8.50000	-8.9477	-8.9310	-482.65E-6	-1.0653	8.1703E-6
	43.00000	-12.00000	-8.50000	-8.5373	-8.9310	-424.77E-6	-0.9972	7.647E-6
	44.00000	-12.00000	-8.50000	-8.1350	-8.9310	-372.37E-6	-0.93139	7.1457E-6
	45.00000	-12.00000	-8.50000	-7.7426	-8.9310	-325.56E-6	-0.86595	6.6725E-6
	46.00000	-12.00000	-8.50000	-7.3616	-8.9310	-284.19E-6	-0.81149	6.2276E-6
	47.00000	-12.00000	-8.50000	-6.9931	-8.9310	-247.92E-6	-0.75113	5.8137E-6
	48.00000	-12.00000	-8.50000	-6.6377	-8.9310	-216.32E-6	-0.70648	5.4232E-6
	49.00000	-12.00000	-8.50000	-6.2960	-8.9310	-188.90E-6	-0.65942	5.0626E-6
	50.00000	-12.00000	-8.50000	-5.9682	-8.9310	-165.17E-6	-0.61878	4.7281E-6
	51.00000	-12.00000	-8.50000	-5.6545	-8.9310	-144.67E-6	-0.57538	4.4183E-6
	52.00000	-12.00000	-8.50000	-5.3548	-8.9310	-126.96E-6	-0.53801	4.1317E-6
	53.00000	-12.00000	-8.50000	-5.0688	-8.9310	-111.66E-6	-0.50347	3.8668E-6
	54.00000	-12.00000	-8.50000	-4.7963	-8.9310	-98.423E-6	-0.47154	3.6218E-6
	55.00000	-12.00000	-8.50000	-4.5370	-8.9310	-86.962E-6	-0.44202	3.3953E-6
	56.00000	-12.00000	-8.50000	-4.2904	-8.9310	-77.018E-6	-0.41472	3.1859E-6
	57.00000	-12.00000	-8.50000	-4.0561	-8.9310	-68.374E-6	-0.38947	2.9939E-6
	58.00000	-12.00000	-8.50000	-3.8336	-8.9310	-60.844E-6	-0.36609	2.8126E-6
	59.00000	-12.00000	-8.50000	-3.6225	-8.9310	-54.269E-6	-0.34444	2.6446E-6
	60.00000	-12.00000	-8.50000	-3.4236	-8.9310	-48.515E-6	-0.32426	2.4923E-6
	-20.00000	-11.00000	-8.50000	-3.6086	-8.9310	-53.464E-6	-0.34266	2.6328E-6
	-19.00000	-11.00000	-8.50000	-3.8226	-8.9310	-59.993E-6	-0.36451	2.8005E-6
	-18.00000	-11.00000	-8.50000	-4.0485	-8.9310	-67.489E-6	-0.38814	2.9819E-6
	-17.00000	-11.00000	-8.50000	-4.2870	-8.9310	-76.121E-6	-0.41373	3.1838E-6
	-16.00000	-11.00000	-8.50000	-4.5386	-8.9310	-86.089E-6	-0.44147	3.3911E-6
	-15.00000	-11.00000	-8.50000	-4.8038	-8.9310	-97.630E-6	-0.47155	3.6220E-6
	-14.00000	-11.00000	-8.50000	-5.0833	-8.9310	-111.03E-6	-0.50422	3.8791E-6
	-13.00000	-11.00000	-8.50000	-5.3775	-8.9310	-126.63E-6	-0.53971	4.1448E-6
	-12.00000	-11.00000	-8.50000	-5.6869	-8.9310	-144.83E-6	-0.57829	4.4406E-6
	-11.00000	-11.00000	-8.50000	-6.0120	-8.9310	-166.11E-6	-0.62023	4.7622E-6
	-10.00000	-11.00000	-8.50000	-6.3531	-8.9310	-191.02E-6	-0.66583	5.1090E-6
	-9.00000	-11.00000	-8.50000	-6.7104	-8.9310	-220.20E-6	-0.71538	5.4915E-6
	-8.00000	-11.00000	-8.50000	-7.0839	-8.9310	-254.38E-6	-0.76918	5.9037E-6
	-7.00000	-11.00000	-8.50000	-7.4735	-8.9310	-294.33E-6	-0.82749	6.3402E-6
	-6.00000	-11.00000	-8.50000	-7.8788	-8.9310	-340.89E-6	-0.89052	6.8328E-6
	-5.00000	-11.00000	-8.50000	-8.2991	-8.9310	-394.85E-6	-0.95843	7.3526E-6
	-4.00000	-11.00000	-8.50000	-8.7333	-8.9310	-456.92E-6	-1.0312	7.9096E-6
	-3.00000	-11.00000	-8.50000	-9.1798	-8.9310	-527.53E-6	-1.1088	8.5028E-6
	-2.00000	-11.00000	-8.50000	-9.6366	-8.9310	-606.76E-6	-1.1908	9.1298E-6
	-1.00000	-11.00000	-8.50000	-10.101	-8.9310	-694.10E-6	-1.2767	9.7862E-6
	0.00000	-11.00000	-8.50000	-10.571	-8.9310	-788.40E-6	-1.3656	10.471E-6
	1.00000	-11.00000	-8.50000	-11.041	-8.9310	-887.79E-6	-1.4565	11.160E-6
	2.00000	-11.00000	-8.50000	-11.510	-8.9310	-989.83E-6	-1.5482	11.861E-6
	3.00000	-11.00000	-8.50000	-11.972	-8.9310	-0.0010917	-1.6393	12.566E-6
	4.00000	-11.00000	-8.50000	-12.423	-8.9310	-0.0011907	-1.7284	13.278E-6
	5.00000	-11.00000	-8.50000	-12.861	-8.9310	-0.0012843	-1.8143	13.894E-6
	6.00000	-11.00000	-8.50000	-13.281	-8.9310	-0.0013706	-1.8959	14.517E-6
	7.00000	-11.00000	-8.50000	-13.680	-8.9310	-0.0014485	-1.9725	15.150E-6
	8.00000	-11.00000	-8.50000	-14.055	-8.9310	-0.0015174	-2.0433	15.644E-6
	9.00000	-11.00000	-8.50000	-14.405	-8.9310	-0.0015775	-2.1080	16.139E-6
	10.00000	-11.00000	-8.50000	-14.727	-8.9310	-0.0016291	-2.1665	16.586E-6
	11.00000	-11.00000	-8.50000	-15.021	-8.9310	-0.0016729	-2.2187	16.986E-6
	12.00000	-11.00000	-8.50000	-15.285	-8.9310	-0.0017096	-2.2648	17.338E-6
	13.00000	-11.00000	-8.50000	-15.519	-8.9310	-0.0017400	-2.3047	17.644E-6
	14.00000	-11.00000	-8.50000	-15.722	-8.9310	-0.0017649	-2.3389	17.906E-6
	15.00000	-11.00000	-8.50000	-15.893	-8.9310	-0.0017848	-2.3673	18.123E-6
	16.00000	-11.00000	-8.50000	-16.033	-8.9310	-0.0018004	-2.3902	18.299E-6
	17.00000	-11.00000	-8.50000	-16.142	-8.9310	-0.0018121	-2.4078	18.434E-6
	18.00000	-11.00000	-8.50000	-16.219	-8.9310	-0.0018201	-2.4202	18.529E-6
	19.00000	-11.00000	-8.50000	-16.264	-8.9310	-0.0018248	-2.4275	18.585E-6
	20.00000	-11.00000	-8.50000	-16.278	-8.9310	-0.0018263	-2.4298	18.602E-6
	21.00000	-11.00000	-8.50000	-16.260	-8.9310	-0.0018247	-2.4270	18.581E-6
	22.00000	-11.00000	-8.50000	-16.210	-8.9310	-0.0018198	-2.4192	18.521E-6
	23.00000	-11.00000	-8.50000	-16.129	-8.9310	-0.0018115	-2.4063	18.422E-6
	24.00000	-11.00000	-8.50000	-16.016	-8.9310	-0.0017997	-2.3881	18.283E-6
	25.00000	-11.00000	-8.50000	-15.871	-8.9310	-0.0017839	-2.3647	18.103E-6
	26.00000	-11.00000	-8.50000	-15.696	-8.9310	-0.0017638	-2.3358	17.882E-6
	27.00000	-11.00000	-8.50000	-15.489	-8.9310	-0.0017387	-2.3032	17.617E-6
	28.00							



73-75 Avenue Road, NW8

Total Heave

Name		Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Vert Strain [-]
36.00000	-9.00000	-8.50000	-14.536	-8.9310	-0.0022711	-2.3146	17.695E-6	
37.00000	-9.00000	-8.50000	-13.952	-8.9310	-0.0020517	-2.1150	16.632E-6	
38.00000	-9.00000	-8.50000	-13.354	-8.9310	-0.0018231	-2.0319	15.542E-6	
39.00000	-9.00000	-8.50000	-12.750	-8.9310	-0.0015944	-1.8882	14.447E-6	
40.00000	-9.00000	-8.50000	-12.146	-8.9310	-0.0013746	-1.7468	13.370E-6	
41.00000	-9.00000	-8.50000	-11.547	-8.9310	-0.0011713	-1.6103	12.330E-6	
42.00000	-9.00000	-8.50000	-10.958	-8.9310	-989.29E-6	-1.4808	11.342E-6	
43.00000	-9.00000	-8.50000	-10.385	-8.9310	-830.79E-6	-1.3596	10.418E-6	
44.00000	-9.00000	-8.50000	-9.8303	-8.9310	-695.58E-6	-1.2475	9.5617E-6	
45.00000	-9.00000	-8.50000	-9.2960	-8.9310	-581.96E-6	-1.1446	8.7757E-6	
46.00000	-9.00000	-8.50000	-8.7838	-8.9310	-487.43E-6	-1.0508	8.0584E-6	
47.00000	-9.00000	-8.50000	-8.2947	-8.9310	-409.23E-6	-0.96550	7.4063E-6	
48.00000	-9.00000	-8.50000	-7.8288	-8.9310	-344.72E-6	-0.88822	6.8145E-6	
49.00000	-9.00000	-8.50000	-7.3862	-8.9310	-291.51E-6	-0.81825	6.2793E-6	
50.00000	-9.00000	-8.50000	-6.9663	-8.9310	-247.57E-6	-0.75493	5.7943E-6	
51.00000	-9.00000	-8.50000	-6.5686	-8.9310	-213.17E-6	-0.69759	5.3551E-6	
52.00000	-9.00000	-8.50000	-6.1924	-8.9310	-180.93E-6	-0.64564	4.9569E-6	
53.00000	-9.00000	-8.50000	-5.8367	-8.9310	-155.71E-6	-0.59850	4.5958E-6	
54.00000	-9.00000	-8.50000	-5.5028	-8.9310	-134.57E-6	-0.55568	4.2672E-6	
55.00000	-9.00000	-8.50000	-5.1836	-8.9310	-116.79E-6	-0.51671	3.9684E-6	
56.00000	-9.00000	-8.50000	-4.8842	-8.9310	-101.76E-6	-0.48120	3.6960E-6	
57.00000	-9.00000	-8.50000	-4.6018	-8.9310	-89.000E-6	-0.44879	3.4473E-6	
58.00000	-9.00000	-8.50000	-4.3355	-8.9310	-78.123E-6	-0.41915	3.2198E-6	
59.00000	-9.00000	-8.50000	-4.0843	-8.9310	-68.813E-6	-0.39200	3.0115E-6	
60.00000	-9.00000	-8.50000	-3.8474	-8.9310	-60.811E-6	-0.36709	2.8203E-6	
61.00000	-9.00000	-8.50000	-3.6249	-8.9310	-53.983E-6	-0.34382	2.6594E-6	
62.00000	-9.00000	-8.50000	-3.4161	-8.9310	-48.262E-6	-0.32219	2.5250E-6	
63.00000	-9.00000	-8.50000	-3.2201	-8.9310	-43.649E-6	-0.30219	2.4157E-6	
64.00000	-9.00000	-8.50000	-3.0366	-8.9310	-39.137E-6	-0.28369	2.3289E-6	
65.00000	-9.00000	-8.50000	-2.8656	-8.9310	-34.729E-6	-0.26656	2.2626E-6	
66.00000	-9.00000	-8.50000	-2.7069	-8.9310	-30.429E-6	-0.25069	2.2159E-6	
67.00000	-9.00000	-8.50000	-2.5604	-8.9310	-26.241E-6	-0.23604	2.1879E-6	
68.00000	-9.00000	-8.50000	-2.4261	-8.9310	-22.161E-6	-0.22261	2.1684E-6	
69.00000	-9.00000	-8.50000	-2.3039	-8.9310	-18.187E-6	-0.21039	2.1572E-6	
70.00000	-9.00000	-8.50000	-2.1938	-8.9310	-14.325E-6	-0.19938	2.1533E-6	
71.00000	-9.00000	-8.50000	-2.0957	-8.9310	-10.572E-6	-0.18957	2.1567E-6	
72.00000	-9.00000	-8.50000	-2.0095	-8.9310	-6.9250E-6	-0.18095	2.1674E-6	
73.00000	-9.00000	-8.50000	-1.9352	-8.9310	-3.3812E-6	-0.17352	2.1852E-6	
74.00000	-9.00000	-8.50000	-1.8727	-8.9310	-0.9387E-6	-0.16727	2.2097E-6	
75.00000	-9.00000	-8.50000	-1.8219	-8.9310	0.50312E-6	-0.16219	2.2419E-6	
76.00000	-9.00000	-8.50000	-1.7827	-8.9310	0.92812E-6	-0.15727	2.2819E-6	
77.00000	-9.00000	-8.50000	-1.7552	-8.9310	1.35312E-6	-0.15252	2.3302E-6	
78.00000	-9.00000	-8.50000	-1.7394	-8.9310	1.77812E-6	-0.14794	2.3869E-6	
79.00000	-9.00000	-8.50000	-1.7353	-8.9310	2.20312E-6	-0.14353	2.4522E-6	
80.00000	-9.00000	-8.50000	-1.7428	-8.9310	2.62812E-6	-0.13928	2.5262E-6	
81.00000	-9.00000	-8.50000	-1.7619	-8.9310	3.05312E-6	-0.13519	2.6089E-6	
82.00000	-9.00000	-8.50000	-1.7927	-8.9310	3.47812E-6	-0.13127	2.7012E-6	
83.00000	-9.00000	-8.50000	-1.8352	-8.9310	3.90312E-6	-0.12752	2.8022E-6	
84.00000	-9.00000	-8.50000	-1.8894	-8.9310	4.32812E-6	-0.12394	2.9222E-6	
85.00000	-9.00000	-8.50000	-1.9553	-8.9310	4.75312E-6	-0.12053	3.0612E-6	
86.00000	-9.00000	-8.50000	-2.0328	-8.9310	5.17812E-6	-0.11728	3.2192E-6	
87.00000	-9.00000	-8.50000	-2.1219	-8.9310	5.60312E-6	-0.11419	3.3962E-6	
88.00000	-9.00000	-8.50000	-2.2227	-8.9310	6.02812E-6	-0.11127	3.5922E-6	
89.00000	-9.00000	-8.50000	-2.3352	-8.9310	6.45312E-6	-0.10852	3.8072E-6	
90.00000	-9.00000	-8.50000	-2.4594	-8.9310	6.87812E-6	-0.10594	4.0412E-6	
91.00000	-9.00000	-8.50000	-2.5953	-8.9310	7.30312E-6	-0.10353	4.2942E-6	
92.00000	-9.00000	-8.50000	-2.7428	-8.9310	7.72812E-6	-0.10128	4.5672E-6	
93.00000	-9.00000	-8.50000	-2.9019	-8.9310	8.15312E-6	-0.09919	4.8602E-6	
94.00000	-9.00000	-8.50000	-3.0727	-8.9310	8.57812E-6	-0.09727	5.1742E-6	
95.00000	-9.00000	-8.50000	-3.2552	-8.9310	9.00312E-6	-0.09552	5.5092E-6	
96.00000	-9.00000	-8.50000	-3.4494	-8.9310	9.42812E-6	-0.09394	5.8652E-6	
97.00000	-9.00000	-8.50000	-3.6553	-8.9310	9.85312E-6	-0.09253	6.2422E-6	
98.00000	-9.00000	-8.50000	-3.8728	-8.9310	10.27812E-6	-0.09128	6.6392E-6	
99.00000	-9.00000	-8.50000	-4.1019	-8.9310	10.70312E-6	-0.09019	7.0562E-6	
100.00000	-9.00000	-8.50000	-4.3427	-8.9310	11.12812E-6	-0.08927	7.4932E-6	
101.00000	-9.00000	-8.50000	-4.5952	-8.9310	11.55312E-6	-0.08852	7.9502E-6	
102.00000	-9.00000	-8.50000	-4.8594	-8.9310	11.97812E-6	-0.08794	8.4272E-6	
103.00000	-9.00000	-8.50000	-5.1353	-8.9310	12.40312E-6	-0.08753	8.9242E-6	
104.00000	-9.00000	-8.50000	-5.4228	-8.9310	12.82812E-6	-0.08728	9.4412E-6	
105.00000	-9.00000	-8.50000	-5.7219	-8.9310	13.25312E-6	-0.08719	9.9782E-6	
106.00000	-9.00000	-8.50000	-6.0328	-8.9310	13.67812E-6	-0.08727	1.0538E-5	
107.00000	-9.00000	-8.50000	-6.3553	-8.9310	14.10312E-6	-0.08752	1.1192E-5	
108.00000	-9.00000	-8.50000	-6.6894	-8.9310	14.52812E-6	-0.08794	1.1942E-5	
109.00000	-9.00000	-8.50000	-7.0353	-8.9310	14.95312E-6	-0.08853	1.2792E-5	
110.00000	-9.00000	-8.50000	-7.3928	-8.9310	15.37812E-6	-0.08928	1.3742E-5	
111.00000	-9.00000	-8.50000	-7.7619	-8.9310	15.80312E-6	-0.09019	1.4792E-5	
112.00000	-9.00000	-8.50000	-8.1427	-8.9310	16.22812E-6	-0.09128	1.5942E-5	
113.00000	-9.00000	-8.50000	-8.5352	-8.9310	16.65312E-6	-0.09253	1.7192E-5	
114.00000	-9.00000	-8.50000	-8.9394	-8.9310	17.07812E-6	-0.09394	1.8542E-5	
115.00000	-9.00000	-8.50000	-9.3553	-8.9310	17.50312E-6	-0.09553	1.9992E-5	
116.00000	-9.00000	-8.50000	-9.7828	-8.9310	17.92812E-6	-0.09728	2.1542E-5	
117.00000	-9.00000	-8.50000	-10.2219	-8.9310	18.35312E-6	-0.09919	2.3192E-5	
118.00000	-9.00000	-8.50000	-10.6727	-8.9310	18.77812E-6	-0.10128	2.4942E-5	
119.00000	-9.00000	-8.50000	-11.1352	-8.9310	19.20312E-6	-0.10353	2.6792E-5	
120.00000	-9.00000	-8.50000	-11.6094	-8.9310	19.62812E-6	-0.10594	2.8742E-5	
121.00000	-9.00000	-8.50000	-12.0953	-8.9310	20.05312E-6	-0.10853	3.0792E-5	
122.00000	-9.00000	-8.50000	-12.5928	-8.9310	20.47812E-6	-0.11128	3.2942E-5	
123.00000	-9.00000	-8.50000	-13.1019	-8.9310	20.90312E-6	-0.11419	3.5192E-5	
124.00000	-9.00000	-8.50000	-13.6227	-8.9310	21.32812E-6	-0.11728	3.7542E-5	
125.00000	-9.00000	-8.50000	-14.1552	-8.9310	21.75312E-6	-0.12053	3.9992E-5	
126.00000	-9.00000	-8.50000	-14.6994	-8.9310	22.17812E-6	-0.12394	4.2542E-5	
127.00000	-9.00000	-8.50000	-15.2553	-8.9310	22.60312E-6	-0.12753	4.5192E-5	
128.00000	-9.00000	-8.50000	-15.8228	-8.9310	23.02812E-6	-0.13128	4.7942E-5	
129.00000	-9.00000	-8.50000	-16.4019	-8.9310	23.45312E-6	-0.13519	5.0792E-5	
130.00000	-9.00000	-8.50000	-16.9928	-8.9310	23.87812E-6	-0.13928	5.3742E-5	
131.00000	-9.00000	-8.50000	-17.5953	-8.9310	24.30312E-6	-0.14353	5.6792E-5	
132.00000	-9.00000	-8.50000	-18.2094	-8.9310	24.72812E-6	-0.14794	5.9942E-5	
133.00000	-9.00000	-8.50000	-18.8353	-8.9310	25.15312E-6	-0.15253	6.3192E-5	
134.00000	-9.00000	-8.50000	-19.4728	-8.9310	25.57812E-6	-0.15728	6.6542E-5	
135.00000	-9.00000	-8.50000	-20.1219	-8.9310	26.00312E-6	-0.16219	6.9992E-5	
136.00000	-9.00000	-8.50000	-20.7827	-8.9310	26.42812E-6	-0.16728	7.3542E-5	
137.00000	-9.00000	-8.50000	-21.4552	-8.9310	26.85312E-6	-0.17253	7.7192E-5	
138.00000	-9.00000	-8.50000	-22.1394	-8.9310	27.27812E-6	-0.17794	8.0942E-5	
139.00000	-9.00000	-8.50000	-22.8353	-8.9310	27.70312E-6	-0.18353	8.4792E-5	
140.00000	-9.00000	-8.50000	-23.5428	-8.9310	28.12812E-6	-0.18928	8.8742E-5	
141.00000	-9.00000	-8.50000	-24.2619	-8.9310	28.55312E-6	-0.19519	9.2792E-5	
142.00000	-9.00000	-8.50000	-24.9928	-8.9310	28.97812E-6	-0.20128	9.6942E-5	
143.00000	-9.00000	-8.50000	-25.7353	-8.9310	29.40312E-6	-0.20753	1.0119E-4	
144.00000	-9.00000	-8.50000	-26.4894	-8.9310	29.82812E-6	-0.21394	1.0269E-4	
145.00000	-9.00000	-8.50000	-27.2553	-8.9310	30.25312E-6	-0.22053	1.0429E-4	
146.00000	-9.00000	-8.50000	-28.0328	-8.9310	30.67812E-6	-0.22728	1.0599E-4	
147.00000	-9.00000	-8.50000	-28.8219	-8.9310	31.			

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Stresses			Vert. Strain [-]
	X [m]	Y [m]			Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	
-6.00000	-5.00000	-8.50000	-11.171	-8.9310	-0.0010749	-1.5349	11.754E-6	
-5.00000	-5.00000	-8.50000	-11.945	-8.9310	-0.0014005	-1.7266	13.214E-6	
-4.00000	-5.00000	-8.50000	-12.776	-8.9310	-0.0018534	-1.9525	14.930E-6	
-3.00000	-5.00000	-8.50000	-13.664	-8.9310	-0.0024896	-2.2192	16.952E-6	
-2.00000	-5.00000	-8.50000	-14.610	-8.9310	-0.0033844	-2.5338	19.330E-6	
-1.00000	-5.00000	-8.50000	-15.612	-8.9310	-0.0046272	-2.9018	22.103E-6	
0.00000	-5.00000	-8.50000	-16.662	-8.9310	-0.0062927	-3.3244	25.276E-6	
1.00000	-5.00000	-8.50000	-17.747	-8.9310	-0.0083793	-3.7939	28.791E-6	
2.00000	-5.00000	-8.50000	-18.847	-8.9310	-0.010742	-4.2910	32.505E-6	
3.00000	-5.00000	-8.50000	-19.938	-8.9310	-0.013104	-4.7872	36.212E-6	
4.00000	-5.00000	-8.50000	-20.997	-8.9310	-0.015190	-5.2541	39.705E-6	
5.00000	-5.00000	-8.50000	-22.003	-8.9310	-0.016854	-5.6721	42.844E-6	
6.00000	-5.00000	-8.50000	-22.943	-8.9310	-0.018095	-6.0338	45.568E-6	
7.00000	-5.00000	-8.50000	-23.811	-8.9310	-0.018987	-6.3401	47.883E-6	
8.00000	-5.00000	-8.50000	-24.602	-8.9310	-0.019620	-6.5967	49.827E-6	
9.00000	-5.00000	-8.50000	-25.317	-8.9310	-0.020069	-6.8105	51.450E-6	
10.00000	-5.00000	-8.50000	-25.958	-8.9310	-0.020390	-6.9882	52.802E-6	
11.00000	-5.00000	-8.50000	-26.527	-8.9310	-0.020622	-7.1356	53.925E-6	
12.00000	-5.00000	-8.50000	-27.027	-8.9310	-0.020791	-7.2575	54.855E-6	
13.00000	-5.00000	-8.50000	-27.460	-8.9310	-0.020916	-7.3579	55.621E-6	
14.00000	-5.00000	-8.50000	-27.830	-8.9310	-0.021009	-7.4397	56.246E-6	
15.00000	-5.00000	-8.50000	-28.138	-8.9310	-0.021077	-7.5054	56.748E-6	
16.00000	-5.00000	-8.50000	-28.387	-8.9310	-0.021127	-7.5569	57.142E-6	
17.00000	-5.00000	-8.50000	-28.578	-8.9310	-0.021162	-7.5955	57.436E-6	
18.00000	-5.00000	-8.50000	-28.712	-8.9310	-0.021186	-7.6222	57.641E-6	
19.00000	-5.00000	-8.50000	-28.791	-8.9310	-0.021200	-7.6377	57.760E-6	
20.00000	-5.00000	-8.50000	-28.815	-8.9310	-0.021204	-7.6425	57.796E-6	
21.00000	-5.00000	-8.50000	-28.784	-8.9310	-0.021199	-7.6366	57.751E-6	
22.00000	-5.00000	-8.50000	-28.697	-8.9310	-0.021185	-7.6200	57.624E-6	
23.00000	-5.00000	-8.50000	-28.555	-8.9310	-0.021161	-7.5922	57.411E-6	
24.00000	-5.00000	-8.50000	-28.357	-8.9310	-0.021125	-7.5525	57.108E-6	
25.00000	-5.00000	-8.50000	-28.100	-8.9310	-0.021074	-7.5000	56.706E-6	
26.00000	-5.00000	-8.50000	-27.785	-8.9310	-0.021005	-7.4331	56.195E-6	
27.00000	-5.00000	-8.50000	-27.408	-8.9310	-0.020912	-7.3501	55.561E-6	
28.00000	-5.00000	-8.50000	-26.967	-8.9310	-0.020787	-7.2487	54.787E-6	
29.00000	-5.00000	-8.50000	-26.460	-8.9310	-0.020617	-7.1256	53.848E-6	
30.00000	-5.00000	-8.50000	-25.884	-8.9310	-0.020384	-6.9771	52.717E-6	
31.00000	-5.00000	-8.50000	-25.236	-8.9310	-0.020062	-6.7983	51.357E-6	
32.00000	-5.00000	-8.50000	-24.514	-8.9310	-0.019613	-6.5834	49.725E-6	
33.00000	-5.00000	-8.50000	-23.723	-8.9310	-0.018979	-6.3259	47.773E-6	
34.00000	-5.00000	-8.50000	-22.844	-8.9310	-0.018086	-6.0186	45.452E-6	
35.00000	-5.00000	-8.50000	-21.898	-8.9310	-0.016845	-5.6561	42.721E-6	
36.00000	-5.00000	-8.50000	-20.887	-8.9310	-0.015181	-5.2373	39.577E-6	
37.00000	-5.00000	-8.50000	-19.824	-8.9310	-0.013095	-4.7699	36.079E-6	
38.00000	-5.00000	-8.50000	-18.729	-8.9310	-0.010732	-4.2732	32.368E-6	
39.00000	-5.00000	-8.50000	-17.626	-8.9310	-0.0083695	-3.7758	28.651E-6	
40.00000	-5.00000	-8.50000	-16.540	-8.9310	-0.0062828	-3.3060	25.135E-6	
41.00000	-5.00000	-8.50000	-15.488	-8.9310	-0.0046174	-2.8834	21.961E-6	
42.00000	-5.00000	-8.50000	-14.486	-8.9310	-0.0033747	-2.5154	19.189E-6	
43.00000	-5.00000	-8.50000	-13.539	-8.9310	-0.0024892	-2.2010	16.813E-6	
44.00000	-5.00000	-8.50000	-12.652	-8.9310	-0.0018444	-1.9346	14.793E-6	
45.00000	-5.00000	-8.50000	-11.823	-8.9310	-0.0013918	-1.7092	13.080E-6	
46.00000	-5.00000	-8.50000	-11.050	-8.9310	-0.0010666	-1.5179	11.624E-6	
47.00000	-5.00000	-8.50000	-10.331	-8.9310	-0.0008666	-1.3548	10.381E-6	
48.00000	-5.00000	-8.50000	-9.6613	-8.9310	-654.86E-6	-1.2151	9.3144E-6	
49.00000	-5.00000	-8.50000	-9.0385	-8.9310	-523.55E-6	-1.0946	8.3937E-6	
50.00000	-5.00000	-8.50000	-8.4589	-8.9310	-423.58E-6	-0.99006	7.5945E-6	
51.00000	-5.00000	-8.50000	-7.9192	-8.9310	-346.43E-6	-0.89890	6.8970E-6	
52.00000	-5.00000	-8.50000	-7.4164	-8.9310	-286.11E-6	-0.81896	6.2850E-6	
53.00000	-5.00000	-8.50000	-6.9478	-8.9310	-238.40E-6	-0.74852	5.7455E-6	
54.00000	-5.00000	-8.50000	-6.5107	-8.9310	-200.25E-6	-0.68615	5.2676E-6	
55.00000	-5.00000	-8.50000	-6.1029	-8.9310	-169.44E-6	-0.63070	4.8426E-6	
56.00000	-5.00000	-8.50000	-5.7221	-8.9310	-144.32E-6	-0.58119	4.4630E-6	
57.00000	-5.00000	-8.50000	-5.3663	-8.9310	-123.69E-6	-0.53684	4.1202E-6	
58.00000	-5.00000	-8.50000	-5.0338	-8.9310	-106.60E-6	-0.49697	3.8170E-6	
59.00000	-5.00000	-8.50000	-4.7228	-8.9310	-92.342E-6	-0.46100	3.5411E-6	
60.00000	-5.00000	-8.50000	-4.4319	-8.9310	-80.374E-6	-0.42847	3.2914E-6	
61.00000	-5.00000	-8.50000	-4.1634	-8.9310	-70.372E-6	-0.40238	3.0750E-6	
62.00000	-5.00000	-8.50000	-3.9186	-8.9310	-61.837E-6	-0.38131	2.8837E-6	
63.00000	-5.00000	-8.50000	-3.6967	-8.9310	-54.795E-6	-0.36267	2.7177E-6	
64.00000	-5.00000	-8.50000	-3.4978	-8.9310	-48.974E-6	-0.34597	2.5749E-6	
65.00000	-5.00000	-8.50000	-3.3211	-8.9310	-44.309E-6	-0.33084	2.4519E-6	
66.00000	-5.00000	-8.50000	-3.1666	-8.9310	-40.748E-6	-0.31697	2.3459E-6	
67.00000	-5.00000	-8.50000	-3.0333	-8.9310	-38.188E-6	-0.30422	2.2549E-6	
68.00000	-5.00000	-8.50000	-2.9199	-8.9310	-35.696E-6	-0.29252	2.1769E-6	
69.00000	-5.00000	-8.50000	-2.8254	-8.9310	-33.392E-6	-0.28169	2.1109E-6	
70.00000	-5.00000	-8.50000	-2.7488	-8.9310	-31.359E-6	-0.27169	2.0549E-6	
71.00000	-5.00000	-8.50000	-2.6889	-8.9310	-29.562E-6	-0.26242	2.0079E-6	
72.00000	-5.00000	-8.50000	-2.6438	-8.9310	-27.989E-6	-0.25382	1.9689E-6	
73.00000	-5.00000	-8.50000	-2.6119	-8.9310	-26.619E-6	-0.24582	1.9359E-6	
74.00000	-5.00000	-8.50000	-2.5914	-8.9310	-25.440E-6	-0.23832	1.9079E-6	
75.00000	-5.00000	-8.50000	-2.5809	-8.9310	-24.449E-6	-0.23122	1.8839E-6	
76.00000	-5.00000	-8.50000	-2.5809	-8.9310	-23.619E-6	-0.22452	1.8629E-6	
77.00000	-5.00000	-8.50000	-2.5914	-8.9310	-22.940E-6	-0.21822	1.8439E-6	
78.00000	-5.00000	-8.50000	-2.6119	-8.9310	-22.400E-6	-0.21222	1.8269E-6	
79.00000	-5.00000	-8.50000	-2.6438	-8.9310	-21.989E-6	-0.20642	1.8109E-6	
80.00000	-5.00000	-8.50000	-2.6889	-8.9310	-21.689E-6	-0.20112	1.7959E-6	
81.00000	-5.00000	-8.50000	-2.7488	-8.9310	-21.489E-6	-0.19622	1.7819E-6	
82.00000	-5.00000	-8.50000	-2.8254	-8.9310	-21.389E-6	-0.19172	1.7689E-6	
83.00000	-5.00000	-8.50000	-2.9199	-8.9310	-21.389E-6	-0.18752	1.7569E-6	
84.00000	-5.00000	-8.50000	-3.0333	-8.9310	-21.489E-6	-0.18362	1.7459E-6	
85.00000	-5.00000	-8.50000	-3.1666	-8.9310	-21.689E-6	-0.18002	1.7359E-6	
86.00000	-5.00000	-8.50000	-3.3211	-8.9310	-21.989E-6	-0.17672	1.7269E-6	
87.00000	-5.00000	-8.50000	-3.4978	-8.9310	-22.400E-6	-0.17372	1.7189E-6	
88.00000	-5.00000	-8.50000	-3.6967	-8.9310	-22.940E-6	-0.17092	1.7119E-6	
89.00000	-5.00000	-8.50000	-3.9186	-8.9310	-23.619E-6	-0.16832	1.7059E-6	
90.00000	-5.00000	-8.50000	-4.1634	-8.9310	-24.449E-6	-0.16592	1.7009E-6	
91.00000	-5.00000	-8.50000	-4.4319	-8.9310	-25.449E-6	-0.16372	1.6969E-6	
92.00000	-5.00000	-8.50000	-4.7228	-8.9310	-26.619E-6	-0.16172	1.6939E-6	
93.00000	-5.00000	-8.50000	-5.0338	-8.9310	-27.989E-6	-0.15992		



73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
33.00000	-2.00000	-8.50000	-34.284	-8.9310	-0.31540	-20.503	143.12E-6	
34.00000	-2.00000	-8.50000	-32.928	-8.9310	-0.31115	-19.760	137.61E-6	
35.00000	-2.00000	-8.50000	-31.380	-8.9310	-0.30248	-18.708	129.92E-6	
36.00000	-2.00000	-8.50000	-29.616	-8.9310	-0.28320	-17.165	118.94E-6	
37.00000	-2.00000	-8.50000	-27.635	-8.9310	-0.23951	-14.899	103.53E-6	
38.00000	-2.00000	-8.50000	-25.494	-8.9310	-0.16084	-11.913	84.192E-6	
39.00000	-2.00000	-8.50000	-23.344	-8.9310	-0.082176	-8.9255	64.850E-6	
40.00000	-2.00000	-8.50000	-21.335	-8.9310	-0.038487	-6.6564	49.415E-6	
41.00000	-2.00000	-8.50000	-19.527	-8.9310	-0.019205	-5.1093	38.407E-6	
42.00000	-2.00000	-8.50000	-17.914	-8.9310	-0.010533	-4.0506	30.665E-6	
43.00000	-2.00000	-8.50000	-16.476	-8.9310	-0.0062814	-3.3000	25.089E-6	
44.00000	-2.00000	-8.50000	-15.188	-8.9310	-0.0040080	-2.7474	20.944E-6	
45.00000	-2.00000	-8.50000	-14.029	-8.9310	-0.0026942	-2.3272	17.773E-6	
46.00000	-2.00000	-8.50000	-12.982	-8.9310	-0.0018903	-1.9989	15.285E-6	
47.00000	-2.00000	-8.50000	-12.032	-8.9310	-0.0013724	-1.7365	13.291E-6	
48.00000	-2.00000	-8.50000	-11.167	-8.9310	-0.0010248	-1.5229	11.665E-6	
49.00000	-2.00000	-8.50000	-10.376	-8.9310	-783.25E-6	-1.3464	10.318E-6	
50.00000	-2.00000	-8.50000	-9.6516	-8.9310	-610.55E-6	-1.1985	9.1888E-6	
51.00000	-2.00000	-8.50000	-8.9863	-8.9310	-483.98E-6	-1.0732	8.2312E-6	
52.00000	-2.00000	-8.50000	-8.3739	-8.9310	-389.24E-6	-0.96605	7.4115E-6	
53.00000	-2.00000	-8.50000	-7.8091	-8.9310	-317.00E-6	-0.87362	6.7039E-6	
54.00000	-2.00000	-8.50000	-7.2873	-8.9310	-261.03E-6	-0.79329	6.0887E-6	
55.00000	-2.00000	-8.50000	-6.8045	-8.9310	-217.05E-6	-0.72302	5.5504E-6	
56.00000	-2.00000	-8.50000	-6.3571	-8.9310	-182.05E-6	-0.66120	5.0766E-6	
57.00000	-2.00000	-8.50000	-5.9421	-8.9310	-153.88E-6	-0.60652	4.6573E-6	
58.00000	-2.00000	-8.50000	-5.5567	-8.9310	-130.99E-6	-0.55793	4.2847E-6	
59.00000	-2.00000	-8.50000	-5.1984	-8.9310	-112.21E-6	-0.51456	3.9520E-6	
60.00000	-2.00000	-8.50000	-4.8650	-8.9310	-96.680E-6	-0.47570	3.6539E-6	
-20.00000	-1.00000	-8.50000	-5.0937	-8.9310	-106.16E-6	-0.50182	3.8544E-6	
-19.00000	-1.00000	-8.50000	-5.4471	-8.9310	-123.48E-6	-0.54382	4.1766E-6	
-18.00000	-1.00000	-8.50000	-5.8274	-8.9310	-144.49E-6	-0.59079	4.5368E-6	
-17.00000	-1.00000	-8.50000	-6.2369	-8.9310	-170.15E-6	-0.64354	4.9413E-6	
-16.00000	-1.00000	-8.50000	-6.6785	-8.9310	-201.81E-6	-0.70748	5.3945E-6	
-15.00000	-1.00000	-8.50000	-7.1552	-8.9310	-241.29E-6	-0.77047	5.9142E-6	
-14.00000	-1.00000	-8.50000	-7.6705	-8.9310	-291.09E-6	-0.84735	6.5031E-6	
-13.00000	-1.00000	-8.50000	-8.2284	-8.9310	-354.77E-6	-0.93553	7.1783E-6	
-12.00000	-1.00000	-8.50000	-8.8335	-8.9310	-437.44E-6	-1.0374	7.9578E-6	
-11.00000	-1.00000	-8.50000	-9.4910	-8.9310	-546.68E-6	-1.1560	8.8650E-6	
-10.00000	-1.00000	-8.50000	-10.207	-8.9310	-693.97E-6	-1.2955	9.9307E-6	
-9.00000	-1.00000	-8.50000	-10.989	-8.9310	-897.34E-6	-1.4612	11.196E-6	
-8.00000	-1.00000	-8.50000	-11.846	-8.9310	-0.0011861	-1.6607	12.717E-6	
-7.00000	-1.00000	-8.50000	-12.788	-8.9310	-0.0016100	-1.9048	14.574E-6	
-6.00000	-1.00000	-8.50000	-13.829	-8.9310	-0.0022580	-2.2088	16.883E-6	
-5.00000	-1.00000	-8.50000	-14.984	-8.9310	-0.0032993	-2.5967	19.818E-6	
-4.00000	-1.00000	-8.50000	-16.274	-8.9310	-0.0050814	-3.1061	23.653E-6	
-3.00000	-1.00000	-8.50000	-17.727	-8.9310	-0.0083916	-3.8013	28.847E-6	
-2.00000	-1.00000	-8.50000	-19.360	-8.9310	-0.015216	-4.7996	35.897E-6	
-1.00000	-1.00000	-8.50000	-21.283	-8.9310	-0.031871	-6.3377	47.270E-6	
0.00000	-1.00000	-8.50000	-23.507	-8.9310	-0.082201	-8.9581	65.099E-6	
1.00000	-1.00000	-8.50000	-26.143	-8.9310	-0.28792	-14.041	94.698E-6	
2.00000	-1.00000	-8.50000	-29.198	-8.9310	-1.1068	-23.817	132.10E-6	
3.00000	-1.00000	-8.50000	-32.242	-8.9310	-1.9257	-33.592	169.48E-6	
4.00000	-1.00000	-8.50000	-34.846	-8.9310	-2.1315	-38.672	199.05E-6	
5.00000	-1.00000	-8.50000	-37.017	-8.9310	-2.1818	-41.286	216.83E-6	
6.00000	-1.00000	-8.50000	-38.844	-8.9310	-2.1984	-42.815	227.83E-6	
7.00000	-1.00000	-8.50000	-40.400	-8.9310	-2.2053	-43.802	235.10E-6	
8.00000	-1.00000	-8.50000	-41.735	-8.9310	-2.2086	-44.483	240.19E-6	
9.00000	-1.00000	-8.50000	-42.885	-8.9310	-2.2103	-44.976	243.90E-6	
10.00000	-1.00000	-8.50000	-43.877	-8.9310	-2.2114	-45.345	246.69E-6	
11.00000	-1.00000	-8.50000	-44.731	-8.9310	-2.2120	-45.628	248.83E-6	
12.00000	-1.00000	-8.50000	-45.464	-8.9310	-2.2124	-45.848	250.50E-6	
13.00000	-1.00000	-8.50000	-46.088	-8.9310	-2.2127	-46.020	251.82E-6	
14.00000	-1.00000	-8.50000	-46.611	-8.9310	-2.2129	-46.155	252.85E-6	
15.00000	-1.00000	-8.50000	-47.043	-8.9310	-2.2130	-46.261	253.65E-6	
16.00000	-1.00000	-8.50000	-47.387	-8.9310	-2.2131	-46.341	254.27E-6	
17.00000	-1.00000	-8.50000	-47.650	-8.9310	-2.2132	-46.401	254.72E-6	
18.00000	-1.00000	-8.50000	-47.834	-8.9310	-2.2132	-46.441	255.03E-6	
19.00000	-1.00000	-8.50000	-47.941	-8.9310	-2.2133	-46.465	255.21E-6	
20.00000	-1.00000	-8.50000	-47.973	-8.9310	-2.2133	-46.472	255.27E-6	
21.00000	-1.00000	-8.50000	-47.930	-8.9310	-2.2133	-46.463	255.20E-6	
22.00000	-1.00000	-8.50000	-47.812	-8.9310	-2.2132	-46.438	255.00E-6	
23.00000	-1.00000	-8.50000	-47.618	-8.9310	-2.2132	-46.395	254.68E-6	
24.00000	-1.00000	-8.50000	-47.345	-8.9310	-2.2131	-46.334	254.21E-6	
25.00000	-1.00000	-8.50000	-46.989	-8.9310	-2.2130	-46.251	253.58E-6	
26.00000	-1.00000	-8.50000	-46.547	-8.9310	-2.2129	-46.144	252.76E-6	
27.00000	-1.00000	-8.50000	-46.012	-8.9310	-2.2127	-46.007	251.71E-6	
28.00000	-1.00000	-8.50000	-45.377	-8.9310	-2.2124	-45.832	250.39E-6	
29.00000	-1.00000	-8.50000	-44.632	-8.9310	-2.2120	-45.610	248.70E-6	
30.00000	-1.00000	-8.50000	-43.766	-8.9310	-2.2114	-45.325	246.54E-6	
31.00000	-1.00000	-8.50000	-42.763	-8.9310	-2.2103	-44.954	243.73E-6	
32.00000	-1.00000	-8.50000	-41.602	-8.9310	-2.2086	-44.459	240.00E-6	
33.00000	-1.00000	-8.50000	-40.256	-8.9310	-2.2052	-43.775	234.90E-6	
34.00000	-1.00000	-8.50000	-38.691	-8.9310	-2.1984	-42.786	227.61E-6	
35.00000	-1.00000	-8.50000	-36.854	-8.9310	-2.1818	-41.255	216.60E-6	
36.00000	-1.00000	-8.50000	-34.775	-8.9310	-2.1314	-38.640	198.91E-6	
37.00000	-1.00000	-8.50000	-32.064	-8.9310	-1.9257	-33.559	169.23E-6	
38.00000	-1.00000	-8.50000	-29.014	-8.9310	-1.1068	-23.783	131.83E-6	
39.00000	-1.00000	-8.50000	-25.955	-8.9310	-0.28789	-14.006	94.429E-6	
40.00000	-1.00000	-8.50000	-23.116	-8.9310	-0.082175	-8.9227	64.828E-6	
41.00000	-1.00000	-8.50000	-21.090	-8.9310	-0.031845	-6.3024	46.999E-6	
42.00000	-1.00000	-8.50000	-19.187	-8.9310	-0.015231	-4.7646	35.939E-6	
43.00000	-1.00000	-8.50000	-17.536	-8.9310	-0.0083673	-3.7671	28.585E-6	
44.00000	-1.00000	-8.50000	-16.085	-8.9310	-0.0050584	-3.0729	23.398E-6	
45.00000	-1.00000	-8.50000	-14.798	-8.9310	-0.0032778	-2.5646	19.572E-6	
46.00000	-1.00000	-8.50000	-13.648	-8.9310	-0.0022380	-2.1782	16.648E-6	
47.00000	-1.00000	-8.50000	-12.613	-8.9310	-0.0015916	-1.8756	14.351E-6	
48.00000	-1.00000	-8.50000	-11.676	-8.9310	-0.0011693	-1.6332	12.506E-6	
49.00000	-1.00000	-8.50000	-10.826	-8.9310	-882.16E-6	-1.4593	10.998E-6	
50.00000	-1.00000	-8.50000	-10.051	-8.9310	-680.32E-6	-1.2713	9.7454E-6	
51.00000	-1.00000	-8.50000	-9.3415	-8.9310	-534.47E-6	-1.1335	8.6925E-6	
52.00000	-1.00000	-8.50000	-8.6911	-8.9310	-426.57E-6	-1.0165	7.7978E-6	
53.00000								

Total Heave

Name	Location	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
-9.00000	2.00000	-8.50000	-12.354	-8.9310	-0.0012126	-1.7402	13.327E-6
-8.00000	2.00000	-8.50000	-13.394	-8.9310	-0.0016450	-2.0063	15.354E-6
-7.00000	2.00000	-8.50000	-14.553	-8.9310	-0.0023038	-2.3403	17.892E-6
-6.00000	2.00000	-8.50000	-15.854	-8.9310	-0.0033584	-2.7698	21.146E-6
-5.00000	2.00000	-8.50000	-17.327	-8.9310	-0.0051530	-3.3398	25.447E-6
-4.00000	2.00000	-8.50000	-19.032	-8.9310	-0.0084593	-4.1273	31.351E-6
-3.00000	2.00000	-8.50000	-20.970	-8.9310	-0.015231	-5.2771	39.881E-6
-2.00000	2.00000	-8.50000	-23.290	-8.9310	-0.031315	-7.0911	53.090E-6
-1.00000	2.00000	-8.50000	-26.125	-8.9310	-0.078997	-10.307	75.620E-6
0.00000	2.00000	-8.50000	-29.758	-8.9310	-0.28326	-17.214	119.31E-6
1.00000	2.00000	-8.50000	-34.839	-8.9310	-2.1315	-38.690	199.19E-6
2.00000	2.00000	-8.50000	-44.768	-8.9310	-79.839	-177.91	-0.0023158
3.00000	2.00000	-8.50000	-54.683	-8.9310	-157.55	-317.12	-0.0048309
4.00000	2.00000	-8.50000	-59.726	-8.9310	-159.39	-338.59	-0.0047510
5.00000	2.00000	-8.50000	-63.295	-8.9310	-159.60	-345.49	-0.0047074
6.00000	2.00000	-8.50000	-66.041	-8.9310	-159.65	-348.69	-0.0046850
7.00000	2.00000	-8.50000	-68.247	-8.9310	-159.66	-350.49	-0.0046719
8.00000	2.00000	-8.50000	-70.065	-8.9310	-159.67	-351.62	-0.0046635
9.00000	2.00000	-8.50000	-71.586	-8.9310	-159.67	-352.39	-0.0046575
10.00000	2.00000	-8.50000	-72.869	-8.9310	-159.67	-352.93	-0.0046537
11.00000	2.00000	-8.50000	-73.955	-8.9310	-159.68	-353.33	-0.0046506
12.00000	2.00000	-8.50000	-74.873	-8.9310	-159.68	-353.64	-0.0046483
13.00000	2.00000	-8.50000	-75.646	-8.9310	-159.68	-353.87	-0.0046466
14.00000	2.00000	-8.50000	-76.289	-8.9310	-159.68	-354.05	-0.0046452
15.00000	2.00000	-8.50000	-76.814	-8.9310	-159.68	-354.18	-0.0046441
16.00000	2.00000	-8.50000	-77.232	-8.9310	-159.68	-354.29	-0.0046433
17.00000	2.00000	-8.50000	-77.549	-8.9310	-159.68	-354.36	-0.0046428
18.00000	2.00000	-8.50000	-77.770	-8.9310	-159.68	-354.42	-0.0046424
19.00000	2.00000	-8.50000	-77.899	-8.9310	-159.68	-354.45	-0.0046422
20.00000	2.00000	-8.50000	-77.937	-8.9310	-159.68	-354.45	-0.0046421
21.00000	2.00000	-8.50000	-77.886	-8.9310	-159.68	-354.44	-0.0046422
22.00000	2.00000	-8.50000	-77.744	-8.9310	-159.68	-354.41	-0.0046424
23.00000	2.00000	-8.50000	-77.509	-8.9310	-159.68	-354.36	-0.0046428
24.00000	2.00000	-8.50000	-77.178	-8.9310	-159.68	-354.28	-0.0046434
25.00000	2.00000	-8.50000	-76.746	-8.9310	-159.68	-354.17	-0.0046442
26.00000	2.00000	-8.50000	-76.205	-8.9310	-159.68	-354.03	-0.0046453
27.00000	2.00000	-8.50000	-75.546	-8.9310	-159.68	-353.85	-0.0046467
28.00000	2.00000	-8.50000	-74.757	-8.9310	-159.68	-353.61	-0.0046485
29.00000	2.00000	-8.50000	-73.822	-8.9310	-159.68	-353.30	-0.0046508
30.00000	2.00000	-8.50000	-72.738	-8.9310	-159.67	-352.90	-0.0046539
31.00000	2.00000	-8.50000	-71.418	-8.9310	-159.67	-352.35	-0.0046581
32.00000	2.00000	-8.50000	-69.880	-8.9310	-159.67	-351.58	-0.0046638
33.00000	2.00000	-8.50000	-68.045	-8.9310	-159.66	-350.44	-0.0046722
34.00000	2.00000	-8.50000	-65.823	-8.9310	-159.65	-348.64	-0.0046854
35.00000	2.00000	-8.50000	-63.063	-8.9310	-159.60	-345.44	-0.0047078
36.00000	2.00000	-8.50000	-59.480	-8.9310	-159.39	-338.53	-0.0047515
37.00000	2.00000	-8.50000	-54.426	-8.9310	-157.55	-317.06	-0.0048311
38.00000	2.00000	-8.50000	-44.502	-8.9310	-79.839	-177.84	-0.0023163
39.00000	2.00000	-8.50000	-34.567	-8.9310	-2.1314	-38.628	198.72E-6
40.00000	2.00000	-8.50000	-29.482	-8.9310	-0.28319	-17.151	118.83E-6
41.00000	2.00000	-8.50000	-25.447	-8.9310	-0.078936	-10.245	15.452E-6
42.00000	2.00000	-8.50000	-23.014	-8.9310	-0.031256	-7.0303	52.624E-6
43.00000	2.00000	-8.50000	-20.697	-8.9310	-0.015175	-5.2182	39.430E-6
44.00000	2.00000	-8.50000	-18.745	-8.9310	-0.0084079	-4.0709	30.198E-6
45.00000	2.00000	-8.50000	-17.067	-8.9310	-0.0051060	-3.2862	25.037E-6
46.00000	2.00000	-8.50000	-15.603	-8.9310	-0.0033159	-2.7195	20.761E-6
47.00000	2.00000	-8.50000	-14.312	-8.9310	-0.0022660	-2.2933	17.532E-6
48.00000	2.00000	-8.50000	-13.164	-8.9310	-0.0016115	-1.9628	15.020E-6
49.00000	2.00000	-8.50000	-12.135	-8.9310	-0.0011832	-1.7000	13.020E-6
50.00000	2.00000	-8.50000	-11.208	-8.9310	-891.81E-6	-1.4871	11.395E-6
51.00000	2.00000	-8.50000	-10.369	-8.9310	-686.96E-6	-1.3116	10.055E-6
52.00000	2.00000	-8.50000	-9.6063	-8.9310	-538.97E-6	-1.1650	8.9348E-6
53.00000	2.00000	-8.50000	-8.9112	-8.9310	-429.55E-6	-1.0412	7.9877E-6
54.00000	2.00000	-8.50000	-8.2758	-8.9310	-347.02E-6	-0.8357	7.1900E-6
55.00000	2.00000	-8.50000	-7.6925	-8.9310	-283.68E-6	-0.6445	6.4827E-6
56.00000	2.00000	-8.50000	-7.1574	-8.9310	-234.33E-6	-0.76581	5.8787E-6
57.00000	2.00000	-8.50000	-6.6645	-8.9310	-193.36E-6	-0.69700	5.3121E-6
58.00000	2.00000	-8.50000	-6.2099	-8.9310	-164.23E-6	-0.63657	4.8880E-6
59.00000	2.00000	-8.50000	-5.7901	-8.9310	-139.08E-6	-0.58322	4.4789E-6
60.00000	2.00000	-8.50000	-5.4017	-8.9310	-118.57E-6	-0.53590	4.1159E-6
-20.00000	3.00000	-8.50000	-5.6358	-8.9310	-0.56465	-4.3364	5.268E-6
-19.00000	3.00000	-8.50000	-6.0458	-8.9310	-153.07E-6	-0.61566	4.7276E-6
-18.00000	3.00000	-8.50000	-6.4895	-8.9310	-181.05E-6	-0.67324	5.1692E-6
-17.00000	3.00000	-8.50000	-6.9704	-8.9310	-215.72E-6	-0.73857	5.6700E-6
-16.00000	3.00000	-8.50000	-7.4923	-8.9310	-259.09E-6	-0.81007	6.2440E-6
-15.00000	3.00000	-8.50000	-8.0599	-8.9310	-314.01E-6	-0.89853	6.8957E-6
-14.00000	3.00000	-8.50000	-8.6782	-8.9310	-384.47E-6	-0.99720	7.6513E-6
-13.00000	3.00000	-8.50000	-9.3533	-8.9310	-476.22E-6	-1.1120	8.5978E-6
-12.00000	3.00000	-8.50000	-10.092	-8.9310	-597.80E-6	-1.2466	9.5598E-6
-11.00000	3.00000	-8.50000	-10.904	-8.9310	-762.15E-6	-1.4062	10.779E-6
-10.00000	3.00000	-8.50000	-11.797	-8.9310	-989.57E-6	-1.5974	12.239E-6
-9.00000	3.00000	-8.50000	-12.786	-8.9310	-1.0013131	-1.8298	14.012E-6
-8.00000	3.00000	-8.50000	-13.884	-8.9310	-0.0017888	-2.1169	16.197E-6
-7.00000	3.00000	-8.50000	-15.132	-8.9310	-0.0025165	-2.4787	18.346E-6
-6.00000	3.00000	-8.50000	-16.495	-8.9310	-0.036517	-2.9461	22.497E-6
-5.00000	3.00000	-8.50000	-18.065	-8.9310	-0.0056822	-3.5694	27.188E-6
-4.00000	3.00000	-8.50000	-19.870	-8.9310	-0.0093682	-4.4350	33.675E-6
-3.00000	3.00000	-8.50000	-21.977	-8.9310	-0.016914	-5.7043	43.089E-6
-2.00000	3.00000	-8.50000	-24.486	-8.9310	-0.034728	-7.7117	57.704E-6
-1.00000	3.00000	-8.50000	-27.564	-8.9310	-0.086699	-11.259	82.590E-6
0.00000	3.00000	-8.50000	-31.516	-8.9310	-0.30256	-18.766	130.36E-6
1.00000	3.00000	-8.50000	-37.031	-8.9310	-2.1819	-41.215	217.06E-6
2.00000	3.00000	-8.50000	-47.433	-8.9310	-79.951	-182.14	-0.0022885
3.00000	3.00000	-8.50000	-57.841	-8.9310	-157.72	-322.96	-0.0047940
4.00000	3.00000	-8.50000	-63.295	-8.9310	-159.60	-345.50	-0.0047073
5.00000	3.00000	-8.50000	-67.788	-8.9310	-159.82	-348.98	-0.0046987
6.00000	3.00000	-8.50000	-70.161	-8.9310	-159.87	-356.53	-0.0046349
7.00000	3.00000	-8.50000	-72.548	-8.9310	-159.88	-358.52	-0.0046204
8.00000	3.00000	-8.50000	-74.506	-8.9310	-159.89	-359.76	-0.0046112
9.00000	3.00000	-8.50000	-76.137	-8.9310	-159.90	-360.60	-0.0046049
10.00000	3.00000	-8.50000	-77.508	-8.9310	-159.90	-361.20	-0.0046004
11.00000	3.00000	-8.50000	-78.564	-8.9310	-159.90	-361.64	-0.0045973
12.00000	3.00000	-8.50000	-79.639	-8.93.			

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Stresses		Vert Strain [-]
	X [m]	Y [m]					Sum Princ [kN/m²]		
30.00000	5.00000	-8.50000	-83.850	-8.9310	-159.97	-367.64	-0.0045543		
31.00000	5.00000	-8.50000	-82.302	-8.9310	-159.97	-366.96	-0.0045595		
32.00000	5.00000	-8.50000	-80.460	-8.9310	-159.97	-366.00	-0.0045667		
33.00000	5.00000	-8.50000	-78.247	-8.9310	-159.96	-364.58	-0.0045722		
34.00000	5.00000	-8.50000	-75.554	-8.9310	-159.94	-362.34	-0.0045935		
35.00000	5.00000	-8.50000	-72.203	-8.9310	-159.88	-358.45	-0.0046209		
36.00000	5.00000	-8.50000	-67.881	-8.9310	-159.66	-350.42	-0.0046724		
37.00000	5.00000	-8.50000	-61.921	-8.9310	-157.77	-327.15	-0.0047642		
38.00000	5.00000	-8.50000	-50.963	-8.9310	-79.989	-185.45	-0.0222647		
39.00000	5.00000	-8.50000	-39.993	-8.9310	-2.2052	-43.745	234.67E-6		
40.00000	5.00000	-8.50000	-33.999	-8.9310	-0.31539	-20.471	142.88E-6		
41.00000	5.00000	-8.50000	-29.934	-8.9310	-0.093514	-12.442	91.369E-6		
42.00000	5.00000	-8.50000	-26.189	-8.9310	-0.038406	-8.5382	63.891E-6		
43.00000	5.00000	-8.50000	-23.392	-8.9310	-0.018969	-6.2914	47.509E-6		
44.00000	5.00000	-8.50000	-21.052	-8.9310	-0.010562	-4.8995	36.885E-6		
45.00000	5.00000	-8.50000	-19.056	-8.9310	-0.0064017	-3.8816	29.565E-6		
46.00000	5.00000	-8.50000	-17.329	-8.9310	-0.0041334	-3.1792	24.259E-6		
47.00000	5.00000	-8.50000	-15.819	-8.9310	-0.0028029	-2.6551	20.290E-6		
48.00000	5.00000	-8.50000	-14.489	-8.9310	-0.0019762	-2.2521	17.229E-6		
49.00000	5.00000	-8.50000	-13.299	-8.9310	-0.0014383	-1.9346	14.812E-6		
50.00000	5.00000	-8.50000	-12.237	-8.9310	-0.0010746	-1.6794	12.866E-6		
51.00000	5.00000	-8.50000	-11.282	-8.9310	-820.69E-6	-1.4709	11.274E-6		
52.00000	5.00000	-8.50000	-10.419	-8.9310	-638.64E-6	-1.2982	9.9546E-6		
53.00000	5.00000	-8.50000	-9.6365	-8.9310	-505.04E-6	-1.1534	8.8471E-6		
54.00000	5.00000	-8.50000	-8.9245	-8.9310	-405.00E-6	-1.0308	7.9083E-6		
55.00000	5.00000	-8.50000	-8.2447	-8.9310	-328.77E-6	-0.92889	7.1054E-6		
56.00000	5.00000	-8.50000	-7.6803	-8.9310	-269.78E-6	-0.83555	6.4134E-6		
57.00000	5.00000	-8.50000	-7.1353	-8.9310	-223.52E-6	-0.75716	5.8127E-6		
58.00000	5.00000	-8.50000	-6.6346	-8.9310	-186.79E-6	-0.68872	5.2880E-6		
59.00000	5.00000	-8.50000	-6.1737	-8.9310	-157.30E-6	-0.62863	4.8272E-6		
60.00000	5.00000	-8.50000	-5.7489	-8.9310	-133.41E-6	-0.57559	4.4204E-6		
-20.00000	6.00000	-8.50000	-5.9812	-8.9310	-147.13E-6	-0.60608	4.6543E-6		
19.00000	6.00000	-8.50000	-5.4286	-8.9310	-173.87E-6	-0.63127	4.0292E-6		
-18.00000	6.00000	-8.50000	-6.9144	-8.9310	-206.87E-6	-0.72818	5.5905E-6		
-17.00000	6.00000	-8.50000	-7.4428	-8.9310	-247.98E-6	-0.80220	6.1579E-6		
-16.00000	6.00000	-8.50000	-8.0185	-8.9310	-299.72E-6	-0.88708	6.8083E-6		
-15.00000	6.00000	-8.50000	-8.6468	-8.9310	-365.57E-6	-0.98500	7.5838E-6		
-14.00000	6.00000	-8.50000	-9.3342	-8.9310	-450.49E-6	-1.0987	8.4289E-6		
-13.00000	6.00000	-8.50000	-10.088	-8.9310	-561.59E-6	-1.2318	9.4471E-6		
-12.00000	6.00000	-8.50000	-10.917	-8.9310	-709.38E-6	-1.3888	10.648E-6		
-11.00000	6.00000	-8.50000	-11.831	-8.9310	-909.72E-6	-1.5759	12.077E-6		
-10.00000	6.00000	-8.50000	-12.842	-8.9310	-0.0011875	-1.8014	13.799E-6		
-9.00000	6.00000	-8.50000	-13.967	-8.9310	-0.0015827	-2.0768	15.898E-6		
-8.00000	6.00000	-8.50000	-15.222	-8.9310	-0.0021628	-2.4184	18.499E-6		
-7.00000	6.00000	-8.50000	-16.633	-8.9310	-0.0030467	-2.8503	21.780E-6		
-6.00000	6.00000	-8.50000	-18.228	-8.9310	-0.0044566	-3.4093	26.013E-6		
-5.00000	6.00000	-8.50000	-20.048	-8.9310	-0.0063773	-4.1541	31.631E-6		
-4.00000	6.00000	-8.50000	-22.147	-8.9310	-0.011161	-5.1841	39.354E-6		
-3.00000	6.00000	-8.50000	-24.600	-8.9310	-0.019810	-6.6807	50.464E-6		
-2.00000	6.00000	-8.50000	-27.521	-8.9310	-0.039612	-9.0081	67.449E-6		
-1.00000	6.00000	-8.50000	-31.087	-8.9310	-0.092466	-13.012	95.672E-6		
0.00000	6.00000	-8.50000	-35.612	-8.9310	-0.31792	-21.162	148.08E-6		
1.00000	6.00000	-8.50000	-41.757	-8.9310	-2.2088	-44.578	240.90E-6		
2.00000	6.00000	-8.50000	-48.978	-8.9310	-79.994	-186.43	-0.0022574		
3.00000	6.00000	-8.50000	-63.981	-8.9310	-157.78	-328.29	-0.0047557		
4.00000	6.00000	-8.50000	-70.073	-8.9310	-159.67	-351.69	-0.0046630		
5.00000	6.00000	-8.50000	-74.507	-8.9310	-159.89	-359.82	-0.0046107		
6.00000	6.00000	-8.50000	-77.950	-8.9310	-159.95	-363.79	-0.0045827		
7.00000	6.00000	-8.50000	-80.717	-8.9310	-159.97	-366.09	-0.0045660		
8.00000	6.00000	-8.50000	-82.985	-8.9310	-159.98	-367.55	-0.0045552		
9.00000	6.00000	-8.50000	-84.871	-8.9310	-159.98	-368.54	-0.0045474		
10.00000	6.00000	-8.50000	-86.450	-8.9310	-159.98	-369.24	-0.0045425		
11.00000	6.00000	-8.50000	-87.777	-8.9310	-159.98	-369.75	-0.0045386		
12.00000	6.00000	-8.50000	-89.227	-8.9310	-159.99	-370.14	-0.0045357		
13.00000	6.00000	-8.50000	-89.826	-8.9310	-159.99	-370.43	-0.0045334		
14.00000	6.00000	-8.50000	-90.599	-8.9310	-159.99	-370.65	-0.0045317		
15.00000	6.00000	-8.50000	-91.228	-8.9310	-159.99	-370.82	-0.0045304		
16.00000	6.00000	-8.50000	-91.727	-8.9310	-159.99	-370.95	-0.0045295		
17.00000	6.00000	-8.50000	-92.105	-8.9310	-159.99	-371.05	-0.0045287		
18.00000	6.00000	-8.50000	-92.368	-8.9310	-159.99	-371.11	-0.0045283		
19.00000	6.00000	-8.50000	-92.521	-8.9310	-159.99	-371.15	-0.0045281		
20.00000	6.00000	-8.50000	-92.566	-8.9310	-159.99	-371.16	-0.0045279		
21.00000	6.00000	-8.50000	-92.505	-8.9310	-159.99	-371.14	-0.0045280		
22.00000	6.00000	-8.50000	-92.335	-8.9310	-159.99	-371.10	-0.0045283		
23.00000	6.00000	-8.50000	-92.055	-8.9310	-159.99	-371.03	-0.0045288		
24.00000	6.00000	-8.50000	-91.659	-8.9310	-159.99	-370.94	-0.0045296		
25.00000	6.00000	-8.50000	-91.140	-8.9310	-159.99	-370.80	-0.0045306		
26.00000	6.00000	-8.50000	-90.487	-8.9310	-159.99	-370.63	-0.0045319		
27.00000	6.00000	-8.50000	-89.690	-8.9310	-159.99	-370.39	-0.0045337		
28.00000	6.00000	-8.50000	-88.729	-8.9310	-159.99	-370.09	-0.0045360		
29.00000	6.00000	-8.50000	-87.584	-8.9310	-159.98	-369.70	-0.0045390		
30.00000	6.00000	-8.50000	-86.224	-8.9310	-159.98	-369.18	-0.0045430		
31.00000	6.00000	-8.50000	-84.611	-8.9310	-159.98	-368.46	-0.0045483		
32.00000	6.00000	-8.50000	-82.691	-8.9310	-159.98	-367.46	-0.0045558		
33.00000	6.00000	-8.50000	-80.387	-8.9310	-159.97	-366.19	-0.0045659		
34.00000	6.00000	-8.50000	-77.586	-8.9310	-159.95	-363.68	-0.0045836		
35.00000	6.00000	-8.50000	-74.110	-8.9310	-159.89	-359.69	-0.0046117		
36.00000	6.00000	-8.50000	-69.646	-8.9310	-159.67	-351.55	-0.0046640		
37.00000	6.00000	-8.50000	-63.530	-8.9310	-157.78	-328.14	-0.0047568		
38.00000	6.00000	-8.50000	-52.408	-8.9310	-79.994	-186.28	-0.0022586		
39.00000	6.00000	-8.50000	-41.275	-8.9310	-2.2085	-44.421	239.71E-6		
40.00000	6.00000	-8.50000	-35.124	-8.9310	-0.31766	-21.005	146.88E-6		
41.00000	6.00000	-8.50000	-30.601	-8.9310	-0.095012	-12.858	94.504E-6		
42.00000	6.00000	-8.50000	-27.043	-8.9310	-0.039377	-8.8612	66.330E-6		
43.00000	6.00000	-8.50000	-24.135	-8.9310	-0.019600	-6.5425	49.411E-6		
44.00000	6.00000	-8.50000	-21.700	-8.9310	-0.010977	-4.0561	38.377E-6		
45.00000	6.00000	-8.50000	-19.622	-8.9310	-0.006789	-4.0369	30.738E-6		
46.00000	6.00000	-8.50000	-17.826	-8.9310	-0.0043226				

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	Location		Stresses					
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
-12.00000	9.00000	-8.50000	-11.584	-8.9310	-810.24E-6	-1.5093	11.570E-6	
-11.00000	9.00000	-8.50000	-12.583	-8.9310	-0.0010427	-1.7200	13.180E-6	
-10.00000	9.00000	-8.50000	-13.691	-8.9310	-0.0013643	-1.9746	15.122E-6	
-9.00000	9.00000	-8.50000	-14.927	-8.9310	-0.0018198	-2.2857	17.495E-6	
-8.00000	9.00000	-8.50000	-16.309	-8.9310	-0.0024832	-2.6716	20.432E-6	
-7.00000	9.00000	-8.50000	-17.864	-8.9310	-0.0034828	-3.1583	24.128E-6	
-6.00000	9.00000	-8.50000	-19.624	-8.9310	-0.0050531	-3.7848	28.874E-6	
-5.00000	9.00000	-8.50000	-21.630	-8.9310	-0.0076555	-4.6125	35.119E-6	
-4.00000	9.00000	-8.50000	-23.938	-8.9310	-0.012282	-5.7435	43.608E-6	
-3.00000	9.00000	-8.50000	-26.623	-8.9310	-0.021337	-7.3610	55.625E-6	
-2.00000	9.00000	-8.50000	-29.797	-8.9310	-0.041668	-9.8304	73.678E-6	
-1.00000	9.00000	-8.50000	-33.635	-8.9310	-0.097981	-13.996	103.11E-6	
0.00000	9.00000	-8.50000	-38.444	-8.9310	-0.32142	-22.324	156.85E-6	
1.00000	9.00000	-8.50000	-44.880	-8.9310	-2.2132	-45.926	251.08E-6	
2.00000	9.00000	-8.50000	-56.288	-8.9310	-79.999	-187.97	-0.0022458	
3.00000	9.00000	-8.50000	-67.667	-8.9310	-157.79	-330.00	-0.0047428	
4.00000	9.00000	-8.50000	-74.016	-8.9310	-159.68	-353.56	-0.0046489	
5.00000	9.00000	-8.50000	-78.685	-8.9310	-159.90	-361.82	-0.0045957	
6.00000	9.00000	-8.50000	-82.337	-8.9310	-159.96	-365.91	-0.0045666	
7.00000	9.00000	-8.50000	-85.287	-8.9310	-159.98	-368.29	-0.0045494	
8.00000	9.00000	-8.50000	-87.715	-8.9310	-159.98	-369.82	-0.0045381	
9.00000	9.00000	-8.50000	-89.738	-8.9310	-159.99	-370.87	-0.0045302	
10.00000	9.00000	-8.50000	-91.435	-8.9310	-159.99	-371.61	-0.0045246	
11.00000	9.00000	-8.50000	-92.864	-8.9310	-159.99	-372.16	-0.0045205	
12.00000	9.00000	-8.50000	-94.065	-8.9310	-159.99	-372.57	-0.0045173	
13.00000	9.00000	-8.50000	-95.071	-8.9310	-159.99	-372.89	-0.0045149	
14.00000	9.00000	-8.50000	-95.904	-8.9310	-159.99	-373.13	-0.0045131	
15.00000	9.00000	-8.50000	-96.583	-8.9310	-159.99	-373.31	-0.0045117	
16.00000	9.00000	-8.50000	-97.122	-8.9310	-160.00	-373.45	-0.0045106	
17.00000	9.00000	-8.50000	-97.530	-8.9310	-160.00	-373.55	-0.0045099	
18.00000	9.00000	-8.50000	-97.815	-8.9310	-160.00	-373.62	-0.0045093	
19.00000	9.00000	-8.50000	-97.981	-8.9310	-160.00	-373.66	-0.0045090	
20.00000	9.00000	-8.50000	-98.032	-8.9310	-160.00	-373.67	-0.0045089	
21.00000	9.00000	-8.50000	-97.966	-8.9310	-160.00	-373.66	-0.0045091	
22.00000	9.00000	-8.50000	-97.784	-8.9310	-160.00	-373.61	-0.0045094	
23.00000	9.00000	-8.50000	-97.481	-8.9310	-160.00	-373.54	-0.0045100	
24.00000	9.00000	-8.50000	-97.052	-8.9310	-160.00	-373.43	-0.0045108	
25.00000	9.00000	-8.50000	-96.489	-8.9310	-159.99	-373.29	-0.0045119	
26.00000	9.00000	-8.50000	-95.781	-8.9310	-159.99	-373.09	-0.0045134	
27.00000	9.00000	-8.50000	-94.932	-8.9310	-159.99	-372.84	-0.0045153	
28.00000	9.00000	-8.50000	-93.866	-8.9310	-159.99	-372.51	-0.0045178	
29.00000	9.00000	-8.50000	-92.618	-8.9310	-159.99	-372.08	-0.0045211	
30.00000	9.00000	-8.50000	-91.136	-8.9310	-159.99	-371.51	-0.0045254	
31.00000	9.00000	-8.50000	-89.379	-8.9310	-159.99	-370.73	-0.0045313	
32.00000	9.00000	-8.50000	-87.291	-8.9310	-159.98	-369.66	-0.0045393	
33.00000	9.00000	-8.50000	-84.795	-8.9310	-159.98	-368.09	-0.0045509	
34.00000	9.00000	-8.50000	-81.775	-8.9310	-159.96	-365.67	-0.0045646	
35.00000	9.00000	-8.50000	-78.053	-8.9310	-159.90	-361.54	-0.0045978	
36.00000	9.00000	-8.50000	-73.321	-8.9310	-159.68	-353.24	-0.0046513	
37.00000	9.00000	-8.50000	-66.918	-8.9310	-157.78	-329.64	-0.0047455	
38.00000	9.00000	-8.50000	-55.498	-8.9310	-149.99	-287.59	-0.0049249	
39.00000	9.00000	-8.50000	-44.067	-8.9310	-2.2120	-45.540	248.16E-6	
40.00000	9.00000	-8.50000	-37.627	-8.9310	-0.32026	-21.942	153.97E-6	
41.00000	9.00000	-8.50000	-32.831	-8.9310	-0.096930	-13.632	100.36E-6	
42.00000	9.00000	-8.50000	-29.021	-8.9310	-0.040764	-9.4948	71.139E-6	
43.00000	9.00000	-8.50000	-25.886	-8.9310	-0.020593	-7.0596	53.342E-6	
44.00000	9.00000	-8.50000	-23.247	-8.9310	-0.011668	-5.4781	41.590E-6	
45.00000	9.00000	-8.50000	-20.990	-8.9310	-0.0071906	-4.3821	33.368E-6	
46.00000	9.00000	-8.50000	-19.035	-8.9310	-0.0046937	-3.5866	27.366E-6	
47.00000	9.00000	-8.50000	-17.326	-8.9310	-0.0032063	-2.9888	22.838E-6	
48.00000	9.00000	-8.50000	-15.819	-8.9310	-0.0022708	-2.5272	19.331E-6	
49.00000	9.00000	-8.50000	-14.481	-8.9310	-0.0016563	-2.1628	16.557E-6	
50.00000	9.00000	-8.50000	-13.288	-8.9310	-0.0012380	-1.8700	14.324E-6	
51.00000	9.00000	-8.50000	-12.237	-8.9310	-944.64E-6	-1.6309	12.498E-6	
52.00000	9.00000	-8.50000	-11.253	-8.9310	-733.69E-6	-1.4333	10.989E-6	
53.00000	9.00000	-8.50000	-10.382	-8.9310	-578.66E-6	-1.2680	9.7252E-6	
54.00000	9.00000	-8.50000	-9.5919	-8.9310	-462.56E-6	-1.1285	8.6574E-6	
55.00000	9.00000	-8.50000	-8.8733	-8.9310	-374.17E-6	-1.0096	7.7474E-6	
56.00000	9.00000	-8.50000	-8.2180	-8.9310	-305.88E-6	-0.90761	6.9659E-6	
57.00000	9.00000	-8.50000	-7.6190	-8.9310	-252.43E-6	-0.81942	6.2901E-6	
58.00000	9.00000	-8.50000	-7.0705	-8.9310	-210.10E-6	-0.74272	5.7022E-6	
59.00000	9.00000	-8.50000	-6.5671	-8.9310	-176.23E-6	-0.67564	5.1879E-6	
60.00000	9.00000	-8.50000	-6.1044	-8.9310	-148.87E-6	-0.61666	4.7356E-6	
-20.00000	10.00000	-8.50000	-6.3249	-8.9310	-166.01E-6	-0.64993	4.9837E-6	
-19.00000	10.00000	-8.50000	-6.8110	-8.9310	-197.36E-6	-0.71295	5.4739E-6	
-18.00000	10.00000	-8.50000	-7.3406	-8.9310	-236.30E-6	-0.78588	6.0329E-6	
-17.00000	10.00000	-8.50000	-7.9186	-8.9310	-285.09E-6	-0.86949	6.6737E-6	
-16.00000	10.00000	-8.50000	-8.5506	-8.9310	-346.87E-6	-0.96589	7.4122E-6	
-15.00000	10.00000	-8.50000	-9.2429	-8.9310	-425.93E-6	-1.0777	8.2684E-6	
-14.00000	10.00000	-8.50000	-10.003	-8.9310	-528.38E-6	-1.2083	9.2678E-6	
-13.00000	10.00000	-8.50000	-10.840	-8.9310	-662.95E-6	-1.3618	10.443E-6	
-12.00000	10.00000	-8.50000	-11.764	-8.9310	-842.44E-6	-1.5439	12.613E-6	
-11.00000	10.00000	-8.50000	-12.787	-8.9310	-0.0010860	-1.7618	13.499E-6	
-10.00000	10.00000	-8.50000	-13.923	-8.9310	-0.0014232	-2.0253	15.510E-6	
-9.00000	10.00000	-8.50000	-15.190	-8.9310	-0.019009	-2.3477	17.968E-6	
-8.00000	10.00000	-8.50000	-16.609	-8.9310	-0.025962	-2.7477	21.011E-6	
-7.00000	10.00000	-8.50000	-18.206	-8.9310	-0.036417	-3.2520	24.842E-6	
-6.00000	10.00000	-8.50000	-20.013	-8.9310	-0.052786	-3.9007	29.755E-6	
-5.00000	10.00000	-8.50000	-22.072	-8.9310	-0.071978	-4.7559	36.007E-6	
-4.00000	10.00000	-8.50000	-24.439	-8.9310	-0.012738	-5.9203	44.943E-6	
-3.00000	10.00000	-8.50000	-27.188	-8.9310	-0.021974	-7.5773	57.260E-6	
-2.00000	10.00000	-8.50000	-30.420	-8.9310	-0.042538	-10.091	75.400E-6	
-1.00000	10.00000	-8.50000	-34.337	-8.9310	-0.099084	-14.302	105.41E-6	
0.00000	10.00000	-8.50000	-39.212	-8.9310	-0.32274	-22.671	159.46E-6	
1.00000	10.00000	-8.50000	-45.709	-8.9310	-2.2146	-46.306	253.92E-6	
2.00000	10.00000	-8.50000	-53.888	-8.9310	-188.001	-188.37	-0.0022428	
3.00000	10.00000	-8.50000	-68.593	-8.9310	-157.79	-330.41	-0.0047398	
4.00000	10.00000	-8.50						



73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
27.00000	12.00000	-8.50000	-97.717	-8.9310	-160.00	-373.81	-0.0045080	
28.00000	12.00000	-8.50000	-96.625	-8.9310	-160.00	-373.46	-0.0045106	
29.00000	12.00000	-8.50000	-95.321	-8.9310	-159.99	-373.01	-0.0045140	
30.00000	12.00000	-8.50000	-93.773	-8.9310	-159.99	-372.42	-0.0045185	
31.00000	12.00000	-8.50000	-91.939	-8.9310	-159.99	-371.62	-0.0045245	
32.00000	12.00000	-8.50000	-89.763	-8.9310	-159.99	-370.51	-0.0045328	
33.00000	12.00000	-8.50000	-87.166	-8.9310	-159.98	-368.91	-0.0045448	
34.00000	12.00000	-8.50000	-84.035	-8.9310	-159.96	-366.44	-0.0045628	
35.00000	12.00000	-8.50000	-80.193	-8.9310	-159.90	-362.26	-0.0045921	
36.00000	12.00000	-8.50000	-75.331	-8.9310	-159.68	-353.90	-0.0046463	
37.00000	12.00000	-8.50000	-68.793	-8.9310	-157.79	-330.25	-0.0047409	
38.00000	12.00000	-8.50000	-57.234	-8.9310	-79.999	-188.14	-0.0022445	
39.00000	12.00000	-8.50000	-45.661	-8.9310	-2.2128	-46.024	251.84E-6	
40.00000	12.00000	-8.50000	-39.082	-8.9310	-0.32098	-22.367	157.208E-6	
41.00000	12.00000	-8.50000	-34.152	-8.9310	-0.097512	-14.001	103.178E-6	
42.00000	12.00000	-8.50000	-30.214	-8.9310	-0.042230	-9.8123	73.5598E-6	
43.00000	12.00000	-8.50000	-26.960	-8.9310	-0.020962	-7.3311	55.413E-6	
44.00000	12.00000	-8.50000	-24.211	-8.9310	-0.011978	-5.7092	43.3548E-6	
45.00000	12.00000	-8.50000	-21.852	-8.9310	-0.0074175	-4.5781	34.6662E-6	
46.00000	12.00000	-8.50000	-19.806	-8.9310	-0.0048704	-3.7527	28.6358E-6	
47.00000	12.00000	-8.50000	-18.014	-8.9310	-0.0033439	-3.1295	23.913E-6	
48.00000	12.00000	-8.50000	-16.434	-8.9310	-0.0023781	-2.6464	20.2422E-6	
49.00000	12.00000	-8.50000	-15.031	-8.9310	-0.0017401	-2.2639	17.3305E-6	
50.00000	12.00000	-8.50000	-13.779	-8.9310	-0.0013037	-1.9559	14.981E-6	
51.00000	12.00000	-8.50000	-12.656	-8.9310	-996.34E-6	-1.7041	13.059E-6	
52.00000	12.00000	-8.50000	-11.646	-8.9310	-11.467E-6	-1.4958	11.467E-6	
53.00000	12.00000	-8.50000	-10.734	-8.9310	-611.10E-6	-1.3215	10.135E-6	
54.00000	12.00000	-8.50000	-9.9073	-8.9310	-488.44E-6	-1.1744	9.0093E-6	
55.00000	12.00000	-8.50000	-9.1564	-8.9310	-394.91E-6	-1.0492	8.0504E-6	
56.00000	12.00000	-8.50000	-8.4724	-8.9310	-322.59E-6	-0.94175	7.2277E-6	
57.00000	12.00000	-8.50000	-7.8480	-8.9310	-265.95E-6	-0.84900	6.5170E-6	
58.00000	12.00000	-8.50000	-7.2768	-8.9310	-221.10E-6	-0.76842	5.8993E-6	
59.00000	12.00000	-8.50000	-6.7532	-8.9310	-185.22E-6	-0.69603	5.3772E-6	
60.00000	12.00000	-8.50000	-6.2725	-8.9310	-156.25E-6	-0.63623	4.8858E-6	
-20.00000	13.00000	-8.50000	-6.4754	-8.9310	-176.19E-6	-0.66923	5.1386E-6	
-19.00000	13.00000	-8.50000	-6.9796	-8.9310	-210.32E-6	-0.73663	5.6504E-6	
-18.00000	13.00000	-8.50000	-7.5298	-8.9310	-245.93E-6	-0.81377	6.2467E-6	
-17.00000	13.00000	-8.50000	-8.1314	-8.9310	-306.65E-6	-0.90253	6.9268E-6	
-16.00000	13.00000	-8.50000	-8.7905	-8.9310	-375.10E-6	-1.0053	7.7137E-6	
-15.00000	13.00000	-8.50000	-9.5142	-8.9310	-463.33E-6	-1.1249	8.6298E-6	
-14.00000	13.00000	-8.50000	-10.311	-8.9310	-578.57E-6	-1.2653	9.7038E-6	
-13.00000	13.00000	-8.50000	-11.190	-8.9310	-731.26E-6	-1.4311	10.973E-6	
-12.00000	13.00000	-8.50000	-12.163	-8.9310	-936.92E-6	-1.6289	12.484E-6	
-11.00000	13.00000	-8.50000	-13.243	-8.9310	-0.0012191	-1.8670	14.302E-6	
-10.00000	13.00000	-8.50000	-14.447	-8.9310	-0.0016147	-2.1568	16.512E-6	
-9.00000	13.00000	-8.50000	-15.793	-8.9310	-0.0021831	-2.5138	19.232E-6	
-8.00000	13.00000	-8.50000	-17.306	-8.9310	-0.0030237	-2.9602	22.626E-6	
-7.00000	13.00000	-8.50000	-19.013	-8.9310	-0.0043108	-3.5278	26.932E-6	
-6.00000	13.00000	-8.50000	-20.953	-8.9310	-0.0063643	-4.2644	32.501E-6	
-5.00000	13.00000	-8.50000	-23.169	-8.9310	-0.0098097	-5.2439	39.876E-6	
-4.00000	13.00000	-8.50000	-25.722	-8.9310	-0.015959	-6.5867	49.519E-6	
-3.00000	13.00000	-8.50000	-28.688	-8.9310	-0.027826	-8.4998	64.084E-6	
-2.00000	13.00000	-8.50000	-32.175	-8.9310	-0.051256	-11.370	84.980E-6	
-1.00000	13.00000	-8.50000	-36.335	-8.9310	-0.117880	-16.027	117.82E-6	
0.00000	13.00000	-8.50000	-41.436	-8.9310	-0.35082	-24.828	174.75E-6	
1.00000	13.00000	-8.50000	-48.080	-8.9310	-2.2473	-48.672	270.61E-6	
2.00000	13.00000	-8.50000	-59.583	-8.9310	-80.029	-190.60	-0.0022269	
3.00000	13.00000	-8.50000	-70.967	-8.9310	-157.81	-332.28	-0.0047262	
4.00000	13.00000	-8.50000	-77.278	-8.9310	-159.69	-355.47	-0.0046348	
5.00000	13.00000	-8.50000	-81.906	-8.9310	-159.91	-363.44	-0.0045835	
6.00000	13.00000	-8.50000	-85.531	-8.9310	-159.96	-367.33	-0.0045611	
7.00000	13.00000	-8.50000	-88.469	-8.9310	-159.98	-369.59	-0.0045396	
8.00000	13.00000	-8.50000	-90.900	-8.9310	-159.99	-371.05	-0.0045288	
9.00000	13.00000	-8.50000	-92.837	-8.9310	-159.99	-372.05	-0.0045213	
10.00000	13.00000	-8.50000	-94.655	-8.9310	-159.99	-372.77	-0.0045158	
11.00000	13.00000	-8.50000	-96.108	-8.9310	-160.00	-373.30	-0.0045118	
12.00000	13.00000	-8.50000	-97.337	-8.9310	-160.00	-373.71	-0.0045087	
13.00000	13.00000	-8.50000	-98.370	-8.9310	-160.00	-374.02	-0.0045063	
14.00000	13.00000	-8.50000	-99.231	-8.9310	-160.00	-374.26	-0.0045045	
15.00000	13.00000	-8.50000	-99.936	-8.9310	-160.00	-374.45	-0.0045030	
16.00000	13.00000	-8.50000	-100.50	-8.9310	-160.00	-374.59	-0.0045016	
17.00000	13.00000	-8.50000	-100.93	-8.9310	-160.00	-374.70	-0.0045012	
18.00000	13.00000	-8.50000	-101.23	-8.9310	-160.00	-374.77	-0.0045006	
19.00000	13.00000	-8.50000	-101.41	-8.9310	-160.00	-374.81	-0.0045003	
20.00000	13.00000	-8.50000	-101.47	-8.9310	-160.00	-374.83	-0.0045002	
21.00000	13.00000	-8.50000	-101.41	-8.9310	-160.00	-374.81	-0.0045003	
22.00000	13.00000	-8.50000	-101.23	-8.9310	-160.00	-374.77	-0.0045006	
23.00000	13.00000	-8.50000	-100.92	-8.9310	-160.00	-374.70	-0.0045012	
24.00000	13.00000	-8.50000	-100.47	-8.9310	-160.00	-374.59	-0.0045020	
25.00000	13.00000	-8.50000	-99.889	-8.9310	-160.00	-374.43	-0.0045032	
26.00000	13.00000	-8.50000	-99.149	-8.9310	-160.00	-374.23	-0.0045047	
27.00000	13.00000	-8.50000	-98.239	-8.9310	-160.00	-373.97	-0.0045067	
28.00000	13.00000	-8.50000	-97.141	-8.9310	-160.00	-373.62	-0.0045094	
29.00000	13.00000	-8.50000	-95.828	-8.9310	-159.99	-373.17	-0.0045128	
30.00000	13.00000	-8.50000	-94.269	-8.9310	-159.99	-372.57	-0.0045173	
31.00000	13.00000	-8.50000	-92.423	-8.9310	-159.99	-371.77	-0.0045234	
32.00000	13.00000	-8.50000	-90.231	-8.9310	-159.99	-370.65	-0.0045317	
33.00000	13.00000	-8.50000	-87.617	-8.9310	-159.98	-369.04	-0.0045437	
34.00000	13.00000	-8.50000	-84.467	-8.9310	-159.96	-366.57	-0.0045616	
35.00000	13.00000	-8.50000	-80.604	-8.9310	-159.90	-362.38	-0.0045914	
36.00000	13.00000	-8.50000	-75.719	-8.9310	-159.68	-354.02	-0.0046454	
37.00000	13.00000	-8.50000	-69.156	-8.9310	-157.79	-330.26	-0.0047401	
38.00000	13.00000	-8.50000	-57.572	-8.9310	-79.999	-188.23	-0.0022438	
39.00000	13.00000	-8.50000	-45.974	-8.9310	-2.2130	-46.109	252.49E-6	
40.00000	13.00000	-8.50000	-39.370	-8.9310	-0.32108	-22.443	157.78E-6	
41.00000	13.00000	-8.50000	-34.415	-8.9310	-0.097599	-14.068	103.636E-6	
42.00000	13.00000	-8.50000	-30.454	-8.9310	-0.041302	-9.8714	74.011E-6	
43.00000	13.00000	-8.50000	-27.177	-8.9310	-0.021022	-7.3826	55.806E-6	
44.00000	13.00000	-8.50000	-24.407	-8.9310	-0.012027	-5.7538	43.694E-6	
45.00000	13.00000	-8.50000	-22.029	-8.9310	-0.0074569	-4.6166	35.160E-6	
46.00000	13.00000	-8.50000	-19.965					



73-75 Avenue Road, NW8

Total Heave

Name	Location		Stresses				
X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
-15.00000	16.00000	-8.50000	-9.6104	-8.9310	-490.18E-6	-1.1481	8.8072E-6
-14.00000	16.00000	-8.50000	-10.424	-8.9310	-617.04E-6	-1.2949	9.9303E-6
-13.00000	16.00000	-8.50000	-11.324	-8.9310	-787.50E-6	-1.4696	1.2656E-6
-12.00000	16.00000	-8.50000	-12.322	-8.9310	-0.0010210	-1.6793	12.8686E-6
-11.00000	16.00000	-8.50000	-13.435	-8.9310	-0.0013481	-1.9342	14.8125E-6
-10.00000	16.00000	-8.50000	-14.679	-8.9310	-0.0018188	-2.2479	17.203E-6
-9.00000	16.00000	-8.50000	-16.077	-8.9310	-0.0025180	-2.6400	20.187E-6
-8.00000	16.00000	-8.50000	-17.658	-8.9310	-0.0035985	-3.1396	22.979E-6
-7.00000	16.00000	-8.50000	-19.455	-8.9310	-0.0053536	-3.7908	28.906E-6
-6.00000	16.00000	-8.50000	-21.516	-8.9310	-0.0083966	-4.6651	35.490E-6
-5.00000	16.00000	-8.50000	-23.902	-8.9310	-0.014162	-5.8866	44.617E-6
-4.00000	16.00000	-8.50000	-26.699	-8.9310	-0.026578	-7.6910	57.921E-6
-3.00000	16.00000	-8.50000	-30.037	-8.9310	-0.059213	-10.595	78.752E-6
-2.00000	16.00000	-8.50000	-34.127	-8.9310	-0.18108	-16.019	114.84E-6
-1.00000	16.00000	-8.50000	-39.389	-8.9310	-1.1552	-29.943	176.97E-6
0.00000	16.00000	-8.50000	-47.647	-8.9310	-40.160	-105.19	-0.0010442
1.00000	16.00000	-8.50000	-56.729	-8.9310	-79.999	-188.07	-0.0022450
2.00000	16.00000	-8.50000	-65.803	-8.9310	-119.84	-270.96	-0.0034459
3.00000	16.00000	-8.50000	-74.038	-8.9310	-159.84	-346.20	-0.0046700
4.00000	16.00000	-8.50000	-79.260	-8.9310	-159.82	-360.13	-0.0046049
5.00000	16.00000	-8.50000	-83.294	-8.9310	-159.94	-365.55	-0.0045688
6.00000	16.00000	-8.50000	-86.557	-8.9310	-159.97	-368.45	-0.0045480
7.00000	16.00000	-8.50000	-89.262	-8.9310	-159.98	-370.25	-0.0045348
8.00000	16.00000	-8.50000	-91.536	-8.9310	-159.99	-371.46	-0.0045257
9.00000	16.00000	-8.50000	-93.464	-8.9310	-159.99	-372.33	-0.0045192
10.00000	16.00000	-8.50000	-95.107	-8.9310	-159.99	-372.97	-0.0045143
11.00000	16.00000	-8.50000	-96.508	-8.9310	-160.00	-373.45	-0.0045106
12.00000	16.00000	-8.50000	-97.701	-8.9310	-160.00	-373.83	-0.0045078
13.00000	16.00000	-8.50000	-98.712	-8.9310	-160.00	-374.12	-0.0045056
14.00000	16.00000	-8.50000	-99.560	-8.9310	-160.00	-374.35	-0.0045038
15.00000	16.00000	-8.50000	-100.26	-8.9310	-160.00	-374.53	-0.0045024
16.00000	16.00000	-8.50000	-100.82	-8.9310	-160.00	-374.67	-0.0045013
17.00000	16.00000	-8.50000	-101.26	-8.9310	-160.00	-374.78	-0.0045005
18.00000	16.00000	-8.50000	-101.58	-8.9310	-160.00	-374.86	-0.0044999
19.00000	16.00000	-8.50000	-101.77	-8.9310	-160.00	-374.90	-0.0044996
20.00000	16.00000	-8.50000	-101.85	-8.9310	-160.00	-374.93	-0.0044994
21.00000	16.00000	-8.50000	-101.81	-8.9310	-160.00	-374.92	-0.0044995
22.00000	16.00000	-8.50000	-101.64	-8.9310	-160.00	-374.88	-0.0044997
23.00000	16.00000	-8.50000	-101.35	-8.9310	-160.00	-374.82	-0.0045002
24.00000	16.00000	-8.50000	-100.93	-8.9310	-160.00	-374.71	-0.0045010
25.00000	16.00000	-8.50000	-100.36	-8.9310	-160.00	-374.57	-0.0045021
26.00000	16.00000	-8.50000	-99.631	-8.9310	-160.00	-374.37	-0.0045036
27.00000	16.00000	-8.50000	-98.732	-8.9310	-160.00	-374.11	-0.0045056
28.00000	16.00000	-8.50000	-97.642	-8.9310	-160.00	-373.77	-0.0045082
29.00000	16.00000	-8.50000	-96.333	-8.9310	-160.00	-373.32	-0.0045116
30.00000	16.00000	-8.50000	-94.775	-8.9310	-159.99	-372.73	-0.0045161
31.00000	16.00000	-8.50000	-92.925	-8.9310	-159.99	-371.92	-0.0045222
32.00000	16.00000	-8.50000	-90.726	-8.9310	-159.99	-370.80	-0.0045306
33.00000	16.00000	-8.50000	-88.100	-8.9310	-159.98	-369.19	-0.0045426
34.00000	16.00000	-8.50000	-84.935	-8.9310	-159.96	-366.71	-0.0045607
35.00000	16.00000	-8.50000	-81.053	-8.9310	-159.90	-362.52	-0.0045904
36.00000	16.00000	-8.50000	-76.147	-8.9310	-159.68	-354.14	-0.0046445
37.00000	16.00000	-8.50000	-69.561	-8.9310	-157.79	-310.47	-0.0047392
38.00000	16.00000	-8.50000	-61.953	-8.9310	-159.999	-188.34	-0.0022430
39.00000	16.00000	-8.50000	-46.329	-8.9310	-2.2131	-46.207	253.23E-6
40.00000	16.00000	-8.50000	-39.698	-8.9310	-0.32119	-22.531	158.45E-6
41.00000	16.00000	-8.50000	-34.71	-8.9310	-0.097654	-14.146	104.28E-6
42.00000	16.00000	-8.50000	-30.730	-8.9310	-0.041383	-9.9403	74.536E-6
43.00000	16.00000	-8.50000	-27.428	-8.9310	-0.021090	-7.4430	56.268E-6
44.00000	16.00000	-8.50000	-24.635	-8.9310	-0.012083	-5.8064	44.097E-6
45.00000	16.00000	-8.50000	-22.235	-8.9310	-0.0075077	-4.6622	35.509E-6
46.00000	16.00000	-8.50000	-20.150	-8.9310	-0.0049394	-3.8251	29.189E-6
47.00000	16.00000	-8.50000	-18.324	-8.9310	-0.0033995	-3.1917	24.389E-6
48.00000	16.00000	-8.50000	-16.721	-8.9310	-0.0024228	-2.6997	20.618E-6
49.00000	16.00000	-8.50000	-15.279	-8.9310	-0.0017760	-2.3096	17.680E-6
50.00000	16.00000	-8.50000	-14.001	-8.9310	-0.0013324	-1.9950	15.281E-6
51.00000	16.00000	-8.50000	-12.856	-8.9310	-0.0010194	-1.7377	13.317E-6
52.00000	16.00000	-8.50000	-11.825	-8.9310	-0.0008246	-1.5246	11.688E-6
53.00000	16.00000	-8.50000	-10.894	-8.9310	-0.000698E-6	-1.3463	10.325E-6
54.00000	16.00000	-8.50000	-10.051	-8.9310	-0.00044E-6	-1.1957	9.127E-6
55.00000	16.00000	-8.50000	-9.2853	-8.9310	-0.00041E-6	-1.0676	8.148E-6
56.00000	16.00000	-8.50000	-8.5882	-8.9310	-0.000346E-6	-0.95765	7.3495E-6
57.00000	16.00000	-8.50000	-7.9521	-8.9310	-0.0002736E-6	-0.86277	6.6226E-6
58.00000	16.00000	-8.50000	-7.3705	-8.9310	-0.0002263E-6	-0.78038	5.9918E-6
59.00000	16.00000	-8.50000	-6.8177	-8.9310	-0.00018951E-6	-0.70845	5.4396E-6
60.00000	16.00000	-8.50000	-6.3487	-8.9310	-0.00015977E-6	-0.64533	4.9555E-6
-20.00000	17.00000	-8.50000	-6.5129	-8.9310	-182.42E-6	-0.67685	5.196E-6
-19.00000	17.00000	-8.50000	-7.0234	-8.9310	-218.75E-6	-0.74638	6.7278E-6
-18.00000	17.00000	-8.50000	-7.5813	-8.9310	-264.49E-6	-0.82565	6.3375E-6
-17.00000	17.00000	-8.50000	-8.1922	-8.9310	-322.69E-6	-0.91757	7.0417E-6
-16.00000	17.00000	-8.50000	-8.8628	-8.9310	-397.68E-6	-1.0245	8.6038E-6
-15.00000	17.00000	-8.50000	-9.6007	-8.9310	-495.62E-6	-1.1497	8.8190E-6
-14.00000	17.00000	-8.50000	-10.415	-8.9310	-625.54E-6	-1.2976	9.9507E-6
-13.00000	17.00000	-8.50000	-11.316	-8.9310	-800.93E-6	-1.4740	11.259E-6
-12.00000	17.00000	-8.50000	-12.317	-8.9310	-0.0010426	-1.6843	9.215E-6
-11.00000	17.00000	-8.50000	-13.433	-8.9310	-0.0013836	-1.9452	14.895E-6
-10.00000	17.00000	-8.50000	-14.683	-8.9310	-0.0018784	-2.2651	17.133E-6
-9.00000	17.00000	-8.50000	-16.090	-8.9310	-0.0026217	-2.6671	20.390E-6
-8.00000	17.00000	-8.50000	-17.684	-8.9310	-0.0037865	-3.1826	24.301E-6
-7.00000	17.00000	-8.50000	-19.502	-8.9310	-0.0057132	-3.8607	29.427E-6
-6.00000	17.00000	-8.50000	-21.594	-8.9310	-0.0091367	-4.7924	36.358E-6
-5.00000	17.00000	-8.50000	-24.028	-8.9310	-0.015848	-6.0928	46.125E-6
-4.00000	17.00000	-8.50000	-26.903	-8.9310	-0.031029	-8.0806	60.712E-6
-3.00000	17.00000	-8.50000	-30.374	-8.9310	-0.074000	-11.421	84.421E-6
-2.00000	17.00000	-8.50000	-34.715	-8.9310	-0.25399	-18.160	127.94E-6
-1.00000	17.00000	-8.50000	-40.546	-8.9310	-1.9567	-38.268	204.01E-6
0.00000	17.00000	-8.50000	-51.274	-8.9310	-78.974	-173.22	-0.0023210
1.00000	17.00000	-8.50000	-62.414	-8.9310	-156.15	-310.64	-0.0048162
2.00000	17.00000	-8.50000	-69.395	-8.9310	-158.65	-338.98	-0.0047137
3.00000	17.00000	-8.50000	-75.126	-8.9310	-159.64	-354.50	-0.0046402
4.00000	17.00000	-8.50000	-79.745	-8.9310	-159.89	-362.23	-0.0045921
5.00000	17.00000	-8.50000	-83.497	-8.9310	-159.95	-366.32	-0.0045636
6.00000	17.00000	-8.50000	-86.599	-8.9310	-159.98	-368.77	-0.0045457
7.00000	17.00000	-8.50000	-89.200	-8.9310	-159.99	-370.38	-0.0045338
8.00000	17.00000	-8.50000	-91.403	-8.9310	-159.99	-371.50	-0.0045255
9.00000	17.00000	-8.50000	-93.280	-8.9310	-159.99	-372.31	-0.0045193
10.00000	17.00000	-8.50000	-94.886	-8.9310	-159.99	-372.91	-0.0045147
11.00000	17.00000	-8.50000	-96.260	-8.9310	-160.00	-373.38	-0.0045112
12.00000	17.00000	-8.50000	-97.434	-8.9310	-160.00	-373.74	-0.0045084
13.00000	17.00000	-8.50000	-98.432	-8.9310	-160.00	-374.03	-0.0045063
14.00000	17.00000	-8.50000	-99.271	-8.9310	-160.00	-374.25	-0.0045045
15.00000	17.00000	-8.50000	-99.968	-8.9310	-160.00	-374.43	-0.0045032



73-75 Avenue Road, NW8

Total Heave

Name	Location			Stresses				
	X [m]	Y [m]	Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
45.00000	17.00000	-8.50000	-22.196	-8.9310	-0.0074970	-4.6553	35.455E-6	
46.00000	17.00000	-8.50000	-20.115	-8.9310	-0.0049347	-3.8191	29.143E-6	
47.00000	17.00000	-8.50000	-18.292	-8.9310	-0.0033958	-3.1865	24.349E-6	
48.00000	17.00000	-8.50000	-16.683	-8.9310	-0.0024197	-2.6952	20.616E-6	
49.00000	17.00000	-8.50000	-15.254	-8.9310	-0.0017735	-2.3057	17.631E-6	
50.00000	17.00000	-8.50000	-13.978	-8.9310	-0.0013304	-1.9917	15.256E-6	
51.00000	17.00000	-8.50000	-12.835	-8.9310	-0.0010177	-1.7348	13.294E-6	
52.00000	17.00000	-8.50000	-11.806	-8.9310	-0.000791	-1.5220	11.69E-6	
53.00000	17.00000	-8.50000	-10.877	-8.9310	-0.000628	-1.3441	10.308E-6	
54.00000	17.00000	-8.50000	-10.036	-8.9310	-0.000556	-1.1938	9.1580E-6	
55.00000	17.00000	-8.50000	-9.2716	-8.9310	-0.000483	-1.0659	8.1788E-6	
56.00000	17.00000	-8.50000	-8.5759	-8.9310	-0.000419	-0.95619	7.3183E-6	
57.00000	17.00000	-8.50000	-7.9410	-8.9310	-0.000371	-0.86149	6.6128E-6	
58.00000	17.00000	-8.50000	-7.3604	-8.9310	-0.000336	-0.77926	5.9825E-6	
59.00000	17.00000	-8.50000	-6.8285	-8.9310	-0.000309	-0.70746	5.4320E-6	
60.00000	17.00000	-8.50000	-6.3404	-8.9310	-0.000286	-0.64445	4.9488E-6	
-20.00000	18.00000	-8.50000	-6.4918	-8.9310	-0.000286	-0.67499	5.1826E-6	
-19.00000	18.00000	-8.50000	-7.0004	-8.9310	-0.000286	-0.74413	5.7126E-6	
-18.00000	18.00000	-8.50000	-7.5563	-8.9310	-0.000286	-0.82355	6.3216E-6	
-17.00000	18.00000	-8.50000	-8.1652	-8.9310	-0.000286	-0.91547	7.0255E-6	
-16.00000	18.00000	-8.50000	-8.8337	-8.9310	-0.000286	-1.0224	7.8446E-6	
-15.00000	18.00000	-8.50000	-9.5509	-8.9310	-0.000286	-1.1479	8.8058E-6	
-14.00000	18.00000	-8.50000	-10.382	-8.9310	-0.000286	-1.2963	9.9403E-6	
-13.00000	18.00000	-8.50000	-11.281	-8.9310	-0.000286	-1.4736	11.295E-6	
-12.00000	18.00000	-8.50000	-12.281	-8.9310	-0.000286	-1.6876	12.929E-6	
-11.00000	18.00000	-8.50000	-13.396	-8.9310	-0.000286	-1.9491	14.925E-6	
-10.00000	18.00000	-8.50000	-14.647	-8.9310	-0.000286	-2.2737	17.397E-6	
-9.00000	18.00000	-8.50000	-16.058	-8.9310	-0.000286	-2.6835	20.512E-6	
-8.00000	18.00000	-8.50000	-17.636	-8.9310	-0.000286	-3.2212	24.521E-6	
-7.00000	18.00000	-8.50000	-19.488	-8.9310	-0.000286	-3.9128	29.813E-6	
-6.00000	18.00000	-8.50000	-21.601	-8.9310	-0.000286	-4.8747	37.038E-6	
-5.00000	18.00000	-8.50000	-24.071	-8.9310	-0.000286	-6.2597	47.345E-6	
-4.00000	18.00000	-8.50000	-27.005	-8.9310	-0.000286	-8.3968	62.980E-6	
-3.00000	18.00000	-8.50000	-30.577	-8.9310	-0.000286	-12.064	88.884E-6	
-2.00000	18.00000	-8.50000	-35.094	-8.9310	-0.000286	-19.618	137.36E-6	
-1.00000	18.00000	-8.50000	-41.236	-8.9310	-0.000286	-2.1496	224.13E-6	
0.00000	18.00000	-8.50000	-52.428	-8.9310	-0.000286	-182.71	-0.0022806	
1.00000	18.00000	-8.50000	-63.818	-8.9310	-0.000286	-324.09	-0.0047810	
2.00000	18.00000	-8.50000	-70.493	-8.9310	-0.000286	-559.35	-0.0086926	
3.00000	18.00000	-8.50000	-75.705	-8.9310	-0.000286	-858.23	-0.0146204	
4.00000	18.00000	-8.50000	-79.960	-8.9310	-0.000286	-1259.93	-0.0245832	
5.00000	18.00000	-8.50000	-83.486	-8.9310	-0.000286	-1866.87	-0.0405598	
6.00000	18.00000	-8.50000	-86.441	-8.9310	-0.000286	-2768.98	-0.0645443	
7.00000	18.00000	-8.50000	-88.942	-8.9310	-0.000286	-4115.99	-0.1045335	
8.00000	18.00000	-8.50000	-91.072	-8.9310	-0.000286	-6173.45	-0.00045258	
9.00000	18.00000	-8.50000	-92.896	-8.9310	-0.000286	-9172.21	-0.0045201	
10.00000	18.00000	-8.50000	-94.461	-8.9310	-0.000286	-13472.79	-0.0045157	
11.00000	18.00000	-8.50000	-95.806	-8.9310	-0.000286	-20173.23	-0.0045123	
12.00000	18.00000	-8.50000	-96.958	-8.9310	-0.000286	-29773.58	-0.0045097	
13.00000	18.00000	-8.50000	-97.940	-8.9310	-0.000286	-43473.86	-0.0045075	
14.00000	18.00000	-8.50000	-98.770	-8.9310	-0.000286	-64473.08	-0.0045059	
15.00000	18.00000	-8.50000	-99.462	-8.9310	-0.000286	-94473.26	-0.0045045	
16.00000	18.00000	-8.50000	-100.002	-8.9310	-0.000286	-134473.40	-0.0045034	
17.00000	18.00000	-8.50000	-100.47	-8.9310	-0.000286	-194473.51	-0.0045026	
18.00000	18.00000	-8.50000	-100.79	-8.9310	-0.000286	-274473.59	-0.0045020	
19.00000	18.00000	-8.50000	-101.01	-8.9310	-0.000286	-374473.65	-0.0045015	
20.00000	18.00000	-8.50000	-101.10	-8.9310	-0.000286	-504473.68	-0.0045013	
21.00000	18.00000	-8.50000	-101.09	-8.9310	-0.000286	-674473.69	-0.0045012	
22.00000	18.00000	-8.50000	-101.95	-8.9310	-0.000286	-914473.67	-0.0045014	
23.00000	18.00000	-8.50000	-100.69	-8.9310	-0.000286	-124473.61	-0.0045018	
24.00000	18.00000	-8.50000	-100.30	-8.9310	-0.000286	-174473.52	-0.0045025	
25.00000	18.00000	-8.50000	-99.760	-8.9310	-0.000286	-244473.39	-0.0045033	
26.00000	18.00000	-8.50000	-99.066	-8.9310	-0.000286	-344473.21	-0.0045049	
27.00000	18.00000	-8.50000	-98.198	-8.9310	-0.000286	-484473.96	-0.0045068	
28.00000	18.00000	-8.50000	-97.137	-8.9310	-0.000286	-674473.63	-0.0045093	
29.00000	18.00000	-8.50000	-95.858	-8.9310	-0.000286	-944473.19	-0.0045126	
30.00000	18.00000	-8.50000	-94.322	-8.9310	-0.000286	-1314473.61	-0.0045171	
31.00000	18.00000	-8.50000	-92.504	-8.9310	-0.000286	-184473.81	-0.0045231	
32.00000	18.00000	-8.50000	-90.331	-8.9310	-0.000286	-264473.70	-0.0045314	
33.00000	18.00000	-8.50000	-87.730	-8.9310	-0.000286	-384473.09	-0.0045433	
34.00000	18.00000	-8.50000	-84.689	-8.9310	-0.000286	-554473.66	-0.0045634	
35.00000	18.00000	-8.50000	-80.731	-8.9310	-0.000286	-814473.40	-0.0045910	
36.00000	18.00000	-8.50000	-75.848	-8.9310	-0.000286	-1184473.07	-0.0046450	
37.00000	18.00000	-8.50000	-69.285	-8.9310	-0.000286	-174473.40	-0.0047397	
38.00000	18.00000	-8.50000	-57.698	-8.9310	-0.000286	-264473.28	-0.0048244	
39.00000	18.00000	-8.50000	-46.095	-8.9310	-0.000286	-404473.15	-0.0049226	
40.00000	18.00000	-8.50000	-39.484	-8.9310	-0.000286	-594473.12	-0.0050488	
41.00000	18.00000	-8.50000	-34.522	-8.9310	-0.000286	-844473.10	-0.0051968	
42.00000	18.00000	-8.50000	-30.552	-8.9310	-0.000286	-1184473.07	-0.0053696	
43.00000	18.00000	-8.50000	-27.267	-8.9310	-0.000286	-164473.05	-0.0055666	
44.00000	18.00000	-8.50000	-24.489	-8.9310	-0.000286	-224473.03	-0.0057878	
45.00000	18.00000	-8.50000	-22.104	-8.9310	-0.000286	-304473.01	-0.0060346	
46.00000	18.00000	-8.50000	-20.032	-8.9310	-0.000286	-404473.00	-0.0063026	
47.00000	18.00000	-8.50000	-18.217	-8.9310	-0.000286	-534473.00	-0.0065966	
48.00000	18.00000	-8.50000	-16.615	-8.9310	-0.000286	-704473.00	-0.0069206	
49.00000	18.00000	-8.50000	-15.193	-8.9310	-0.000286	-924473.00	-0.0072796	
50.00000	18.00000	-8.50000	-13.924	-8.9310	-0.000286	-1204473.00	-0.0076786	
51.00000	18.00000	-8.50000	-12.786	-8.9310	-0.000286	-1564473.00	-0.0081236	
52.00000	18.00000	-8.50000	-11.762	-8.9310	-0.000286	-2014473.00	-0.0086206	
53.00000	18.00000	-8.50000	-10.838	-8.9310	-0.000286	-2584473.00	-0.0091806	
54.00000	18.00000	-8.50000	-10.000	-8.9310	-0.000286	-3384473.00	-0.0101166	
55.00000	18.00000	-8.50000	-9.2396	-8.9310	-0.000286	-4514473.00	-0.0114666	
56.00000	18.00000	-8.50000	-8.5470	-8.9310	-0.000286	-6054473.00	-0.0132586	
57.00000	18.00000	-8.50000	-7.9149	-8.9310	-0.000286	-8184473.00	-0.0156846	
58.00000	18.00000	-8.50000	-7.3369	-8.9310	-0.000286	-1104473.00	-0.0188286	
59.00000	18.00000	-8.50000	-6.8073	-8.9310	-0.000286	-1484473.00	-0.0228666	
60.00000	18.00000	-8.50000	-6.3211	-8.9310	-0.000286	-1984473.00	-0.0279246	
-1.00000	19.00000	-8.50000	-6.4584	-8.9310	-0.000286	-2714473.00	-0.0341566	
-19.00000	19.00000	-8.50000	-6.9638	-8.9310	-0.000286	-3644473.00	-0.0436866	
-18.00000	19.00000	-8.50000	-7.5161	-8.9310	-0.000286	-4914473.00	-0.0562956	
-17.00000	19.00000	-8.50000	-8.1211	-8.9310	-0.000286	-6584473.00	-0.0728386	
-16.00000	19.00000	-8.50000	-8.7853	-8.9310	-0.000286	-904473.00	-0.0948486	
-15.00000	19.00000	-8.50000	-9.5165	-8.9310	-0.000286	-1244473.00	-0.1228686	
-14.00000	19.00000	-8.50000	-10.324	-8.9310	-0.000286	-1684473.00	-0.1589786	
-13.00000	19.00000	-8.50000	-11.218	-8.9310	-0.000286	-2244473.00	-0.2045386	
-12.00000	19.00000	-8.50000	-12.213	-8.9310	-0.000286	-3044473.00	-0.2605386	
-11.00000	19.00000	-8.50000	-13.324	-8.9310	-0.000286	-4144473.00	-0.3305386	
-10.00000	19.00000	-8.50000	-14.570	-8.9310	-0.000286	-5644473.00	-0.4305386	
-9.00000	19.00000	-8.50000	-15.978	-8.9310	-0.000286	-7644473.00	-0.5605386	
-8.00000	19.00000	-8.50000	-17.577	-8.9310	-0.000286	-1044473.00	-0.7205386	
-7.00000	19.00000	-8.50000	-19.410	-8.9310	-0.000286	-1404473.00	-0.9405386	
-6.00000	19.00000	-8.50000	-21.512	-8.9310	-0.000286	-1884473.00	-1.2405386	
-5.00000	19.00000	-8.50000	-24.020	-8.9310	-0.000286	-2544473.00	-1.6205386	
-4.00000	19.00000	-8.50000	-26.989	-8.				



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Vert Strain [-]
24.00000	19.00000	-8.50000	-99.693	-8.9310	-160.00	-374.33	-0.0045039	
25.00000	19.00000	-8.50000	-99.179	-8.9310	-160.00	-374.21	-0.0045048	
26.00000	19.00000	-8.50000	-98.509	-8.9310	-160.00	-374.04	-0.0045062	
27.00000	19.00000	-8.50000	-97.665	-8.9310	-160.00	-373.80	-0.0045080	
28.00000	19.00000	-8.50000	-96.628	-8.9310	-160.00	-373.48	-0.0045104	
29.00000	19.00000	-8.50000	-95.371	-8.9310	-159.99	-373.05	-0.0045137	
30.00000	19.00000	-8.50000	-93.863	-8.9310	-159.99	-372.47	-0.0045181	
31.00000	19.00000	-8.50000	-92.062	-8.9310	-159.99	-371.69	-0.0045240	
32.00000	19.00000	-8.50000	-89.912	-8.9310	-159.99	-370.58	-0.0045323	
33.00000	19.00000	-8.50000	-87.334	-8.9310	-159.98	-368.98	-0.0045442	
34.00000	19.00000	-8.50000	-84.216	-8.9310	-159.96	-366.52	-0.0045622	
35.00000	19.00000	-8.50000	-80.381	-8.9310	-159.90	-362.34	-0.0045991	
36.00000	19.00000	-8.50000	-76.521	-8.9310	-159.68	-353.98	-0.0046457	
37.00000	19.00000	-8.50000	-68.980	-8.9310	-157.79	-330.33	-0.0047403	
38.00000	19.00000	-8.50000	-57.416	-8.9310	-79.999	-188.21	-0.0022440	
39.00000	19.00000	-8.50000	-45.835	-8.9310	-2.2139	-46.088	252.338E-6	
40.00000	19.00000	-8.50000	-39.246	-8.9310	-0.32107	-22.425	157.64E-6	
41.00000	19.00000	-8.50000	-34.304	-8.9310	-0.097591	-14.053	103.578E-6	
42.00000	19.00000	-8.50000	-27.088	-8.9310	-0.021017	-7.3711	55.718E-6	
44.00000	19.00000	-8.50000	-24.327	-8.9310	-0.012023	-5.7438	43.618E-6	
45.00000	19.00000	-8.50000	-21.958	-8.9310	-0.0074534	-4.6079	35.093E-6	
46.00000	19.00000	-8.50000	-19.901	-8.9310	0.0048993	-3.7782	28.430E-6	
47.00000	19.00000	-8.50000	-18.099	-8.9310	-0.0033670	-3.1512	24.079E-6	
48.00000	19.00000	-8.50000	-16.509	-8.9310	-0.0023965	-2.6648	20.383E-6	
49.00000	19.00000	-8.50000	-15.098	-8.9310	-0.0017547	-2.2796	17.450E-6	
50.00000	19.00000	-8.50000	-13.838	-8.9310	-0.0013153	-1.9691	15.083E-6	
51.00000	19.00000	-8.50000	-12.709	-8.9310	-0.0010056	-1.7154	13.146E-6	
52.00000	19.00000	-8.50000	-11.693	-8.9310	-781.90E-6	-1.5053	11.541E-6	
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54.00000	19.00000	-8.50000	-9.9445	-8.9310	-493.13E-6	-1.1813	9.0621E-6	
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59.00000	19.00000	-8.50000	-6.7740	-8.9310	-186.82E-6	-0.70118	5.3838E-6	
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-9.00000	20.00000	-8.50000	-15.848	-8.9310	-0.0028138	-2.6773	20.460E-6	
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-5.00000	20.00000	-8.50000	-23.868	-8.9310	-0.018952	-6.4250	48.337E-6	
-4.00000	20.00000	-8.50000	-26.844	-8.9310	-0.032825	-8.7211	63.303E-6	
-3.00000	20.00000	-8.50000	-30.493	-8.9310	-0.093150	-12.687	93.269E-6	
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9.00000	20.00000	-8.50000	-91.447	-8.9310	-159.99	-371.71	-0.0045239	
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12.00000	20.00000	-8.50000	-95.309	-8.9310	-159.99	-372.97	-0.0045143	
13.00000	20.00000	-8.50000	-96.257	-8.9310	-159.99	-373.23	-0.0045120	
14.00000	20.00000	-8.50000	-97.065	-8.9310	-160.00	-373.44	-0.0045107	
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21.00000	20.00000	-8.50000	-99.515	-8.9310	-160.00	-374.14	-0.0045054	
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23.00000	20.00000	-8.50000	-99.220	-8.9310	-160.00	-374.13	-0.0045055	
24.00000	20.00000	-8.50000	-98.880	-8.9310	-160.00	-374.07	-0.0045060	
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37.00000	20.00000	-8.50000	-68.560	-8.9310	-157.79	-330.21	-0.0047412	
38.00000	20.00000	-8.50000	-60.881	-8.9310	-79.999	-188.11	-0.0022440	
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42.00000	20.00000	-8.50000	-30.083	-8.9310	-0.041222	-9.7945	73.423E-6	
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46.00000	20.00000	-8.50000	-19.721	-8.9310	-0.0048667	-3.7427	28.559E-6	
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54.00000	20.00000	-8.50000	-9.8688	-8.9310	-487.55E-6	-1.1708	8.9812E-6	
55.00000	20.00000	-8.50000	-9.1213	-8.9310	-394.16E-6	-1.0459	8.0584E-6	
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57.00000	20.00000	-8.50000	-7.8189	-8.9310	-265.41E-6	-0.84638	6.4969E-6	
58.00000	20.00000	-8.50000	-7.2502	-8.9310	-220.63E-6	-0.76607	5.8913E-6	
59.00000	20.00000	-8.						



73-75 Avenue Road, NW8

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.

J14383

Sheet No.

Rev.

Drq. Ref.

Made by

MP

Date

09-Feb-2015

Checked

Name	X	Location	Z[Level]	Z	Calc Level	Vert Stress	Stresses	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[kN/m²]	[-]
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-15.00000	23.00000	-8.50000	-9.0922	-8.9310	-472.93E-6	-1.0851	8.3234E-6		
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-9.00000	23.00000	-8.50000	-15.160	-8.9310	-0.0027414	-2.5554	19.526E-6		
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-7.00000	23.00000	-8.50000	-18.397	-8.9310	-0.0063669	-3.7824	28.795E-6		
-6.00000	23.00000	-8.50000	-20.409	-8.9310	-0.010579	-4.7690	36.188E-6		
-5.00000	23.00000	-8.50000	-22.781	-8.9310	-0.019093	-6.2195	46.950E-6		
-4.00000	23.00000	-8.50000	-25.630	-8.9310	-0.038739	-8.5001	63.582E-6		
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2.00000	23.00000	-8.50000	-68.201	-8.9310	-159.67	-351.08	-0.0046676		
3.00000	23.00000	-8.50000	-72.745	-8.9310	-159.89	-359.25	-0.0046151		
4.00000	23.00000	-8.50000	-76.324	-8.9310	-159.95	-363.28	-0.0045867		
5.00000	23.00000	-8.50000	-79.250	-8.9310	-159.97	-365.63	-0.0045695		
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7.00000	23.00000	-8.50000	-83.774	-8.9310	-159.98	-368.21	-0.0045502		
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16.00000	23.00000	-8.50000	-93.540	-8.9310	-159.99	-371.47	-0.0045255		
17.00000	23.00000	-8.50000	-94.032	-8.9310	-159.99	-371.63	-0.0045243		
18.00000	23.00000	-8.50000	-94.443	-8.9310	-159.99	-371.79	-0.0045231		
19.00000	23.00000	-8.50000	-94.773	-8.9310	-159.99	-371.94	-0.0045219		
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21.00000	23.00000	-8.50000	-95.180	-8.9310	-159.99	-372.25	-0.0045196		
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24.00000	23.00000	-8.50000	-95.002	-8.9310	-159.99	-372.56	-0.0045173		
25.00000	23.00000	-8.50000	-94.672	-8.9310	-159.99	-372.57	-0.0045170		
26.00000	23.00000	-8.50000	-94.179	-8.9310	-159.99	-372.51	-0.0045178		
27.00000	23.00000	-8.50000	-93.506	-8.9310	-159.99	-372.37	-0.0045189		
28.00000	23.00000	-8.50000	-92.633	-8.9310	-159.99	-372.13	-0.0045200		
29.00000	23.00000	-8.50000	-91.537	-8.9310	-159.99	-371.77	-0.0045234		
30.00000	23.00000	-8.50000	-90.189	-8.9310	-159.99	-371.26	-0.0045273		
31.00000	23.00000	-8.50000	-88.548	-8.9310	-159.99	-370.53	-0.0045328		
32.00000	23.00000	-8.50000	-86.562	-8.9310	-159.98	-369.49	-0.0045404		
33.00000	23.00000	-8.50000	-84.152	-8.9310	-159.98	-367.95	-0.0045520		
34.00000	23.00000	-8.50000	-81.209	-8.9310	-159.96	-365.55	-0.0045695		
35.00000	23.00000	-8.50000	-77.554	-8.9310	-159.90	-361.45	-0.0045985		
36.00000	23.00000	-8.50000	-72.879	-8.9310	-159.68	-353.16	-0.0046520		
37.00000	23.00000	-8.50000	-66.526	-8.9310	-157.78	-329.58	-0.0047460		
38.00000	23.00000	-8.50000	-55.151	-8.9310	-79.998	-187.54	-0.0022491		
39.00000	23.00000	-8.50000	-43.758	-8.9310	-2.2119	-45.492	-0.0007984		
40.00000	23.00000	-8.50000	-37.351	-8.9310	-0.32024	-21.901	153.66E-6		
41.00000	23.00000	-8.50000	-32.584	-8.9310	-0.096912	-13.597	100.10E-6		
42.00000	23.00000	-8.50000	-28.600	-8.9310	-0.040749	-9.450	71.00E-6		
43.00000	23.00000	-8.50000	-25.688	-8.9310	-0.020581	-7.0339	53.145E-6		
44.00000	23.00000	-8.50000	-23.070	-8.9310	-0.011679	-5.4559	41.420E-6		
45.00000	23.00000	-8.50000	-20.830	-8.9310	-0.0071830	-4.3628	33.221E-6		
46.00000	23.00000	-8.50000	-18.891	-8.9310	-0.0046874	-3.5698	27.237E-6		
47.00000	23.00000	-8.50000	-17.196	-8.9310	-0.0032012	-2.9742	22.725E-6		
48.00000	23.00000	-8.50000	-15.701	-8.9310	-0.0022666	-2.5144	19.232E-6		
49.00000	23.00000	-8.50000	-14.378	-8.9310	-0.0016538	-2.1815	16.700E-6		
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51.00000	23.00000	-8.50000	-12.130	-8.9310	-942.19E-6	-1.6221	12.432E-6		
52.00000	23.00000	-8.50000	-11.174	-8.9310	-731.62E-6	-1.4255	11.174E-6		
53.00000	23.00000	-8.50000	-10.310	-8.9310	-576.91E-6	-1.2611	9.6720E-6		
54.00000	23.00000	-8.50000	-9.5265	-8.9310	-461.08E-6	-1.1223	8.6100E-6		
55.00000	23.00000	-8.50000	-8.8137	-8.9310	-372.91E-6	-1.0041	7.7050E-6		
56.00000	23.00000	-8.50000	-8.1637	-8.9310	-304.80E-6	-0.90267	6.9279E-6		
57.00000	23.00000	-8.50000	-7.5695	-8.9310	-251.51E-6	-0.81499	6.2561E-6		
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59.00000	23.00000	-8.50000	-6.5258	-8.9310	-175.55E-6	-0.67205	5.1003E-6		
60.00000	23.00000	-8.50000	-6.0666	-8.9310	-148.28E-6	-0.61343	4.7107E-6		
-20.00000	24.00000	-8.50000	-6.1163	-8.9310	-166.90E-6	-0.63193	4.8922E-6		
-19.00000	24.00000	-8.50000	-6.5846	-8.9310	-200.19E-6	-0.69493	5.3351E-6		
-18.00000	24.00000	-8.50000	-7.0852	-8.9310	-242.30E-6	-0.76722	5.8892E-6		
-17.00000	24.00000	-8.50000	-7.6532	-8.9310	-296.22E-6	-0.85074	6.5250E-6		
-16.00000	24.00000	-8.50000	-8.2645	-8.9310	-366.27E-6	-0.94789	7.2722E-6		
-15.00000	24.00000	-8.50000	-8.9360	-8.9310	-458.72E-6	-1.0620	8.1461E-6		
-14.00000	24.00000	-8.50000	-9.6758	-8.9310	-582.94E-6	-1.1971	9.1793E-6		
-13.00000	24.00000	-8.50000	-10.4194	-8.9310	-735.34E-6	-1.3589	10.616E-6		
-12.00000	24.00000	-8.50000	-11.402	-8.9310	-992.67E-6	-1.5550	11.913E-6		
-11.00000	24.00000	-8.50000	-12.415	-8.9310	-0.0013382	-1.7963	13.752E-6		
-10.00000	24.00000	-8.50000	-13.552	-8.9310	-0.0018533	-2.0981	16.050E-6		
-9.00000	24.00000	-8.50000	-14.834	-8.9310	-0.0026113	-2.4836	18.978E-6		
-8.00000	24.00000	-8.50000	-16.293	-8.9310	-0.0039459	-2.9882	22.798E-6		
-7.00000	24.00000	-8.50000	-17.969	-8.9310	-0.0061694	-3.6689	27.931E-6		
-6.00000	24.00000	-8.50000	-19.915	-8.9310	-0.010275	-5.0204	35.003E-6		
-5.00000	24.00000	-8.50000	-22.209	-8.9310	-0.018616	-6.6206	45.519E-6		
-4.00000	24.00000	-8.50000	-24.966	-8.9310	-0.037977	-8.2520	61.710E-6		
-3.00000	24.00000	-8.50000	-28.365	-8.9310	-0.093003	-12.131	89.004E-6		
-2.00000	24.00000	-8.50000	-32.723	-8.9310	-0.31479	-20.138	140.35E-6		
-1.00000	24.00000	-8.50000	-38.711	-8.9310	-2.2046	-43.396	232.02E-6		
0.00000	24.00000	-8.50000	-49.692	-8.9310	-79.988	-185.09	-0.0026275		
1.00000	24.00000	-8.50000	-61.681	-8.9310	-157.77	-326.80	-0.0047669		
2.00000	24.00000	-8.50000	-66.694	-8.9310	-159.66	-350.08	-0.0046750		
3.00000	24.00000	-8.50000	-71.091	-8.9310	-159.88	-358.12	-0.0046234		
4.00000	24.00000	-8.50000	-74.536	-8.9310	-159.94	-362.05	-0.0045998		
5.00000	24.00000	-8.50000	-77.342	-8.9310	-159.94	-364.32	-0.0045792		
6.00000	24.00000	-8.50000	-79.685	-8.9310	-159.97	-365.78	-0.0045684		
7.00000	24.00000	-8.50000	-81.673	-8.9310	-159.97	-366.78	-0.0045608		
8.00000	24.00000	-8.50000	-83.381	-8.9310	-159.99	-367.51	-0.0045554		
9.00000	24.00000	-8.50000	-84.860	-8.9310	-159.98	-368.06	-0.0045512		
10.00000	24.00000	-8.50000	-86.149	-8.9310	-159.98	-368.49	-0.0045479		
11.00000	24.00000	-8.50000	-87.276	-8.9310	-159.98				

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	Location		Stresses					
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
21.00000	26.00000	-8.50000	-87.202	-8.9310	-159.93	-365.99	-0.0045649	
22.00000	26.00000	-8.50000	-87.671	-8.9310	-159.94	-366.97	-0.0045581	
23.00000	26.00000	-8.50000	-88.037	-8.9310	-159.96	-367.93	-0.0045515	
24.00000	26.00000	-8.50000	-88.241	-8.9310	-159.97	-368.69	-0.0045462	
25.00000	26.00000	-8.50000	-89.215	-8.9310	-159.98	-369.19	-0.0045426	
26.00000	26.00000	-8.50000	-88.034	-8.9310	-159.98	-369.46	-0.0045407	
27.00000	26.00000	-8.50000	-87.603	-8.9310	-159.98	-369.53	-0.0045402	
28.00000	26.00000	-8.50000	-86.946	-8.9310	-159.98	-369.45	-0.0045409	
29.00000	26.00000	-8.50000	-86.053	-8.9310	-159.98	-369.21	-0.0045427	
30.00000	26.00000	-8.50000	-84.903	-8.9310	-159.98	-368.79	-0.0045459	
31.00000	26.00000	-8.50000	-83.466	-8.9310	-159.98	-368.16	-0.0045506	
32.00000	26.00000	-8.50000	-81.694	-8.9310	-159.98	-367.22	-0.0045577	
33.00000	26.00000	-8.50000	-79.515	-8.9310	-159.97	-365.79	-0.0045683	
34.00000	26.00000	-8.50000	-76.822	-8.9310	-159.95	-363.52	-0.0045848	
35.00000	26.00000	-8.50000	-73.437	-8.9310	-159.89	-359.56	-0.0046127	
36.00000	26.00000	-8.50000	-69.052	-8.9310	-159.67	-351.44	-0.0046649	
37.00000	26.00000	-8.50000	-63.004	-8.9310	-157.78	-328.05	-0.0047575	
38.00000	26.00000	-8.50000	-51.942	-8.9310	-79.994	-186.20	-0.0022591	
39.00000	26.00000	-8.50000	-40.619	-8.9310	-2.2085	-44.357	2.922E-6	
40.00000	26.00000	-8.50000	-34.753	-8.9310	-0.31763	-20.951	146.47E-6	
41.00000	26.00000	-8.50000	-30.270	-8.9310	-0.094988	-12.812	94.149E-6	
42.00000	26.00000	-8.50000	-26.746	-8.9310	-0.039358	-8.8214	66.025E-6	
43.00000	26.00000	-8.50000	-23.869	-8.9310	-0.019584	-6.5082	49.148E-6	
44.00000	26.00000	-8.50000	-21.461	-8.9310	-0.010964	-5.0264	38.150E-6	
45.00000	26.00000	-8.50000	-19.407	-8.9310	-0.006688	-4.0112	30.541E-6	
46.00000	26.00000	-8.50000	-17.632	-8.9310	-0.0043144	-3.2809	25.032E-6	
47.00000	26.00000	-8.50000	-16.080	-8.9310	-0.0029279	-2.7356	20.903E-6	
48.00000	26.00000	-8.50000	-14.711	-8.9310	-0.0020642	-2.3164	17.719E-6	
49.00000	26.00000	-8.50000	-13.495	-8.9310	-0.0015013	-1.9864	15.207E-6	
50.00000	26.00000	-8.50000	-12.408	-8.9310	-0.0011205	-1.7215	13.187E-6	
51.00000	26.00000	-8.50000	-11.432	-8.9310	-854.64E-6	-1.5054	11.538E-6	
52.00000	26.00000	-8.50000	-10.550	-8.9310	-664.08E-6	-1.3266	10.172E-6	
53.00000	26.00000	-8.50000	-9.7518	-8.9310	-524.33E-6	-1.1770	8.5072E-6	
54.00000	26.00000	-8.50000	-9.0260	-8.9310	-419.79E-6	-1.0504	8.0585E-6	
55.00000	26.00000	-8.50000	-8.3644	-8.9310	-340.22E-6	-0.94234	7.2314E-6	
56.00000	26.00000	-8.50000	-7.7597	-8.9310	-278.74E-6	-0.84940	6.5195E-6	
57.00000	26.00000	-8.50000	-7.2057	-8.9310	-230.57E-6	-0.76859	5.9255E-6	
58.00000	26.00000	-8.50000	-6.6971	-8.9310	-192.39E-6	-0.69869	5.3644E-6	
59.00000	26.00000	-8.50000	-6.2294	-8.9310	-161.78E-6	-0.63713	4.8924E-6	
60.00000	26.00000	-8.50000	-5.7986	-8.9310	-137.01E-6	-0.58287	4.4620E-6	
-20.00000	27.00000	-8.50000	-5.7875	-8.9310	-150.17E-6	-0.59225	4.5477E-6	
-19.00000	27.00000	-8.50000	-6.2191	-8.9310	-179.19E-6	-0.64901	4.9829E-6	
-18.00000	27.00000	-8.50000	-6.6881	-8.9310	-215.68E-6	-0.71381	5.4796E-6	
-17.00000	27.00000	-8.50000	-7.1989	-8.9310	-262.10E-6	-0.78827	6.0501E-6	
-16.00000	27.00000	-8.50000	-7.7561	-8.9310	-321.99E-6	-0.87439	6.7097E-6	
-15.00000	27.00000	-8.50000	-8.3656	-8.9310	-400.46E-6	-0.97481	7.4783E-6	
-14.00000	27.00000	-8.50000	-9.0240	-8.9310	-505.08E-6	-1.0929	8.3609E-6	
-13.00000	27.00000	-8.50000	-9.7694	-8.9310	-647.40E-6	-1.2333	9.4548E-6	
-12.00000	27.00000	-8.50000	-10.581	-8.9310	-845.57E-6	-1.4021	10.744E-6	
-11.00000	27.00000	-8.50000	-11.481	-8.9310	-0.0011291	-1.6079	12.313E-6	
-10.00000	27.00000	-8.50000	-12.484	-8.9310	-0.0015482	-1.8629	14.255E-6	
-9.00000	27.00000	-8.50000	-13.607	-8.9310	-0.0021921	-2.1854	16.705E-6	
-8.00000	27.00000	-8.50000	-14.875	-8.9310	-0.0032299	-2.6031	19.870E-6	
-7.00000	27.00000	-8.50000	-16.318	-8.9310	-0.0050062	-3.1612	24.081E-6	
-6.00000	27.00000	-8.50000	-17.978	-8.9310	-0.0082930	-3.9374	29.898E-6	
-5.00000	27.00000	-8.50000	-19.918	-8.9310	-0.015044	-5.0766	38.347E-6	
-4.00000	27.00000	-8.50000	-22.228	-8.9310	-0.031108	-6.8814	51.486E-6	
-3.00000	27.00000	-8.50000	-25.062	-8.9310	-0.078773	-10.090	73.962E-6	
-2.00000	27.00000	-8.50000	-28.704	-8.9310	-0.28302	-16.992	117.62E-6	
-1.00000	27.00000	-8.50000	-33.808	-8.9310	-2.1313	-38.467	197.49E-6	
0.00000	27.00000	-8.50000	-43.773	-8.9310	-79.839	-77.69	-0.0023175	
1.00000	27.00000	-8.50000	-53.739	-8.9310	-157.55	-316.91	-0.0048325	
2.00000	27.00000	-8.50000	-58.848	-8.9310	-159.39	-338.39	-0.0047526	
3.00000	27.00000	-8.50000	-64.300	-8.9310	-159.60	-345.30	-0.0047095	
4.00000	27.00000	-8.50000	-65.342	-8.9310	-159.65	-348.53	-0.0046862	
5.00000	27.00000	-8.50000	-67.661	-8.9310	-159.66	-350.35	-0.0046730	
6.00000	27.00000	-8.50000	-69.608	-8.9310	-159.67	-351.51	-0.0046643	
7.00000	27.00000	-8.50000	-71.273	-8.9310	-159.67	-352.31	-0.0046584	
8.00000	27.00000	-8.50000	-72.716	-8.9310	-159.67	-352.89	-0.0046540	
9.00000	27.00000	-8.50000	-73.979	-8.9310	-159.68	-353.34	-0.0046506	
10.00000	27.00000	-8.50000	-75.093	-8.9310	-159.68	-353.69	-0.0046479	
11.00000	27.00000	-8.50000	-76.083	-8.9310	-159.68	-353.98	-0.0046457	
12.00000	27.00000	-8.50000	-76.967	-8.9310	-159.68	-354.23	-0.0046438	
13.00000	27.00000	-8.50000	-77.762	-8.9310	-159.68	-354.46	-0.0046420	
14.00000	27.00000	-8.50000	-78.486	-8.9310	-159.68	-354.68	-0.0046404	
15.00000	27.00000	-8.50000	-79.152	-8.9310	-159.68	-354.91	-0.0046386	
16.00000	27.00000	-8.50000	-79.779	-8.9310	-159.68	-355.17	-0.0046367	
17.00000	27.00000	-8.50000	-80.364	-8.9310	-159.68	-355.50	-0.0046349	
18.00000	27.00000	-8.50000	-80.992	-8.9310	-159.68	-355.96	-0.0046308	
19.00000	27.00000	-8.50000	-81.629	-8.9310	-159.69	-356.66	-0.0046258	
20.00000	27.00000	-8.50000	-82.325	-8.9310	-159.71	-357.77	-0.0046181	
21.00000	27.00000	-8.50000	-83.095	-8.9310	-159.75	-359.53	-0.0046064	
22.00000	27.00000	-8.50000	-83.898	-8.9310	-159.83	-361.97	-0.0045912	
23.00000	27.00000	-8.50000	-84.602	-8.9310	-159.90	-364.38	-0.0045762	
24.00000	27.00000	-8.50000	-85.276	-8.9310	-159.95	-366.08	-0.0045611	
25.00000	27.00000	-8.50000	-85.274	-8.9310	-159.96	-367.06	-0.0045583	
26.00000	27.00000	-8.50000	-85.201	-8.9310	-159.97	-367.57	-0.0045547	
27.00000	27.00000	-8.50000	-84.876	-8.9310	-159.97	-367.78	-0.0045532	
28.00000	27.00000	-8.50000	-84.307	-8.9310	-159.97	-367.77	-0.0045533	
29.00000	27.00000	-8.50000	-83.493	-8.9310	-159.97	-367.59	-0.0045548	
30.00000	27.00000	-8.50000	-82.423	-8.9310	-159.97	-367.22	-0.0045576	
31.00000	27.00000	-8.50000	-81.070	-8.9310	-159.97	-366.63	-0.0045620	
32.00000	27.00000	-8.50000	-79.389	-8.9310	-159.97	-365.73	-0.0045687	
33.00000	27.00000	-8.50000	-77.313	-8.9310	-159.96	-364.37	-0.0045788	
34.00000	27.00000	-8.50000	-74.736	-8.9310	-159.94	-362.17	-0.0045948	
35.00000	27.00000	-8.50000	-71.483	-8.9310	-159.88	-358.31	-0.0046268	
36.00000	27.00000	-8.50000	-67.246	-8.9310	-159.66	-350.31	-0.	

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.		Sheet No.		Rev.				
J14383								
Drq. Ref.								
Made by MP		Date 09-Feb-2015	Checked					
Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
60.00000	29.00000	-8.50000	-5.4601	-8.9310	-122.80E-6	-0.54441	4.1811E-6	
-20.00000	30.00000	-8.50000	-5.3994	-8.9310	-129.69E-6	-0.54425	4.1796E-6	
-19.00000	30.00000	-8.50000	-5.7772	-8.9310	-153.39E-6	-0.59348	4.5571E-6	
-18.00000	30.00000	-8.50000	-6.1965	-8.9310	-182.83E-6	-0.64921	4.9843E-6	
-17.00000	30.00000	-8.50000	-6.6506	-8.9310	-219.78E-6	-0.71264	5.4705E-6	
-16.00000	30.00000	-8.50000	-7.1432	-8.9310	-266.70E-6	-0.78526	6.0267E-6	
-15.00000	30.00000	-8.50000	-7.6784	-8.9310	-327.19E-6	-0.86894	6.6675E-6	
-14.00000	30.00000	-8.50000	-8.2610	-8.9310	-406.26E-6	-0.96607	7.4108E-6	
-13.00000	30.00000	-8.50000	-8.8967	-8.9310	-511.49E-6	-1.07198	8.2505E-6	
-12.00000	30.00000	-8.50000	-9.5921	-8.9310	-654.34E-6	-1.2142	9.3074E-6	
-11.00000	30.00000	-8.50000	-10.355	-8.9310	-852.86E-6	-1.3748	10.533E-6	
-10.00000	30.00000	-8.50000	-11.1394	-8.9310	-0.0011364	-1.5692	12.015E-6	
-9.00000	30.00000	-8.50000	-12.121	-8.9310	-0.0015547	-1.8081	13.934E-6	
-8.00000	30.00000	-8.50000	-13.149	-8.9310	-0.0021969	-2.1074	16.106E-6	
-7.00000	30.00000	-8.50000	-14.296	-8.9310	-0.0032322	-2.4909	19.007E-6	
-6.00000	30.00000	-8.50000	-15.583	-8.9310	-0.0050084	-2.9965	22.914E-6	
-5.00000	30.00000	-8.50000	-17.038	-8.9310	-0.0083130	-3.6988	27.985E-6	
-4.00000	30.00000	-8.50000	-18.699	-8.9310	-0.015173	-4.6851	35.331E-6	
-3.00000	30.00000	-8.50000	-20.617	-8.9310	-0.031784	-6.2228	46.390E-6	
-2.00000	30.00000	-8.50000	-22.865	-8.9310	-0.082112	-8.8442	64.228E-6	
-1.00000	30.00000	-8.50000	-25.533	-8.9310	-0.28783	-13.930	93.849E-6	
0.00000	30.00000	-8.50000	-28.630	-8.9310	-1.1067	-23.712	131.29E-6	
1.00000	30.00000	-8.50000	-31.726	-8.9310	-1.9257	-33.494	168.73E-6	
2.00000	30.00000	-8.50000	-34.393	-8.9310	-2.1314	-38.583	198.38E-6	
3.00000	30.00000	-8.50000	-36.639	-8.9310	-2.1817	-41.210	216.26E-6	
4.00000	30.00000	-8.50000	-38.558	-8.9310	-2.1983	-42.755	227.37E-6	
5.00000	30.00000	-8.50000	-40.209	-8.9310	-2.2052	-43.761	234.79E-6	
6.00000	30.00000	-8.50000	-41.658	-8.9310	-2.2086	-44.466	240.05E-6	
7.00000	30.00000	-8.50000	-42.936	-8.9310	-2.2104	-44.986	243.97E-6	
8.00000	30.00000	-8.50000	-44.072	-8.9310	-2.2114	-45.387	247.01E-6	
9.00000	30.00000	-8.50000	-45.089	-8.9310	-2.2121	-45.708	249.45E-6	
10.00000	30.00000	-8.50000	-46.005	-8.9310	-2.2126	-45.975	251.48E-6	
11.00000	30.00000	-8.50000	-46.834	-8.9310	-2.2130	-46.206	253.24E-6	
12.00000	30.00000	-8.50000	-47.593	-8.9310	-2.2133	-46.416	254.84E-6	
13.00000	30.00000	-8.50000	-48.294	-8.9310	-2.2137	-46.620	256.39E-6	
14.00000	30.00000	-8.50000	-48.953	-8.9310	-2.2142	-46.834	258.01E-6	
15.00000	30.00000	-8.50000	-49.586	-8.9310	-2.2150	-47.059	260.90E-6	
16.00000	30.00000	-8.50000	-50.223	-8.9310	-2.2166	-47.412	262.34E-6	
17.00000	30.00000	-8.50000	-50.891	-8.9310	-2.2201	-47.899	265.93E-6	
18.00000	30.00000	-8.50000	-51.648	-8.9310	-2.2293	-48.732	271.91E-6	
19.00000	30.00000	-8.50000	-52.598	-8.9310	-2.2604	-50.411	283.39E-6	
20.00000	30.00000	-8.50000	-53.948	-8.9310	-2.4143	-54.684	309.15E-6	
21.00000	30.00000	-8.50000	-56.260	-8.9310	-4.0568	-71.049	359.21E-6	
22.00000	30.00000	-8.50000	-60.923	-8.9310	-80.945	-200.44	4.002193E	
23.00000	30.00000	-8.50000	-69.501	-8.9310	-157.83	-329.82	-0.0047465	
24.00000	30.00000	-8.50000	-71.561	-8.9310	-159.48	-346.12	-0.0046969	
25.00000	30.00000	-8.50000	-72.487	-8.9310	-159.63	-350.29	-0.0046719	
26.00000	30.00000	-8.50000	-72.833	-8.9310	-159.66	-351.82	-0.0046616	
27.00000	30.00000	-8.50000	-72.800	-8.9310	-159.67	-352.45	-0.0046572	
28.00000	30.00000	-8.50000	-72.476	-8.9310	-159.67	-352.66	-0.0046557	
29.00000	30.00000	-8.50000	-71.900	-8.9310	-159.67	-352.62	-0.0046560	
30.00000	30.00000	-8.50000	-71.080	-8.9310	-159.67	-352.39	-0.0046578	
31.00000	30.00000	-8.50000	-70.009	-8.9310	-159.67	-351.96	-0.0046610	
32.00000	30.00000	-8.50000	-68.659	-8.9310	-159.67	-351.28	-0.0046661	
33.00000	30.00000	-8.50000	-66.981	-8.9310	-159.66	-350.20	-0.0046741	
34.00000	30.00000	-8.50000	-64.890	-8.9310	-159.65	-348.45	-0.0046868	
35.00000	30.00000	-8.50000	-62.242	-8.9310	-159.60	-345.28	-0.0047090	
36.00000	30.00000	-8.50000	-59.395	-8.9310	-159.39	-340.47	-0.0047520	
37.00000	30.00000	-8.50000	-53.783	-8.9310	-157.55	-316.95	-0.0048322	
38.00000	30.00000	-8.50000	-43.930	-8.9310	-79.839	-177.75	-0.0023170	
39.00000	30.00000	-8.50000	-34.057	-8.9310	-2.1314	-38.551	198.13E-6	
40.00000	30.00000	-8.50000	-29.025	-8.9310	-0.28316	-17.085	118.33E-6	
41.00000	30.00000	-8.50000	-25.439	-8.9310	-0.078907	-10.189	74.715E-6	
42.00000	30.00000	-8.50000	-22.647	-8.9310	-0.032233	-5.2548	39.943E-6	
43.00000	30.00000	-8.50000	-20.366	-8.9310	-0.015157	-5.1765	39.110E-6	
44.00000	30.00000	-8.50000	-18.447	-8.9310	-0.0083931	-4.0347	30.641E-6	
45.00000	30.00000	-8.50000	-16.798	-8.9310	-0.0050940	-3.2547	24.795E-6	
46.00000	30.00000	-8.50000	-15.360	-8.9310	-0.0030631	-2.6919	20.498E-6	
47.00000	30.00000	-8.50000	-14.092	-8.9310	-0.0022578	-2.2691	17.346E-6	
48.00000	30.00000	-8.50000	-12.964	-8.9310	-0.0016047	-1.9414	14.857E-6	
49.00000	30.00000	-8.50000	-11.953	-8.9310	-0.0011776	-1.6812	12.751E-6	
50.00000	30.00000	-8.50000	-11.043	-8.9310	-887.11E-6	-1.4704	11.267E-6	
51.00000	30.00000	-8.50000	-10.218	-8.9310	-683.00E-6	-1.2967	9.9411E-6	
52.00000	30.00000	-8.50000	-9.4694	-8.9310	-535.62E-6	-1.1518	8.8333E-6	
53.00000	30.00000	-8.50000	-8.7863	-8.9310	-426.71E-6	-0.9286	7.6218E-6	
54.00000	30.00000	-8.50000	-8.1615	-8.9310	-344.60E-6	-0.92501	7.0979E-6	
55.00000	30.00000	-8.50000	-7.5886	-8.9310	-281.62E-6	-0.83517	6.4099E-6	
56.00000	30.00000	-8.50000	-7.0620	-8.9310	-232.56E-6	-0.78729	5.8132E-6	
57.00000	30.00000	-8.50000	-6.5772	-8.9310	-193.84E-6	-0.68932	5.2923E-6	
58.00000	30.00000	-8.50000	-6.1299	-8.9310	-162.91E-6	-0.62964	4.8347E-6	
59.00000	30.00000	-8.50000	-5.7167	-8.9310	-137.94E-6	-0.57695	4.4307E-6	
60.00000	30.00000	-8.50000	-5.3344	-8.9310	-117.59E-6	-0.53022	4.0722E-6	
-20.00000	31.00000	-8.50000	-5.2454	-8.9310	-122.46E-6	-0.52706	4.0477E-6	
-19.00000	31.00000	-8.50000	-5.6176	-8.9310	-144.31E-6	-0.57364	4.4050E-6	
-18.00000	31.00000	-8.50000	-6.0193	-8.9310	-171.30E-6	-0.67620	4.9193E-6	
-17.00000	31.00000	-8.50000	-6.4534	-8.9310	-204.98E-6	-0.68578	5.2646E-6	
-16.00000	31.00000	-8.50000	-6.9232	-8.9310	-247.47E-6	-0.75369	5.7849E-6	
-15.00000	31.00000	-8.50000	-7.4323	-8.9310	-301.77E-6	-0.83157	6.3813E-6	
-14.00000	31.00000	-8.50000	-7.9850	-8.9310	-372.13E-6	-1.0694	7.9594E-6	
-13.00000	31.00000	-8.50000	-8.5860	-8.9310	-464.83E-6	-1.0260	7.8691E-6	
-12.00000	31.00000	-8.50000	-9.2408	-8.9310	-589.11E-6	-1.1487	8.8065E-6	
-11.00000	31.00000	-8.50000	-9.9561	-8.9310	-759.32E-6	-1.2939	9.9157E-6	
-10.00000	31.00000	-8.50000	-10.739	-8.9310	-998.15E-6	-1.4679	11.243E-6	
-9.00000	31.00000	-8.50000	-11.599	-8.9310	-0.0013430	-1.6790	12.850E-6	
-8.00000	31.00000	-8.50000	-12.546	-8.9310	-0.0018579	-1.9391	14.827E-6	
-7.00000	31.00000	-8.50000	-13.594	-8.9310	-0.0026598	-2.2655	17.000E-6	
-6.00000	31.00000	-8.50000	-14.756	-8.9310	-0.0039677	-2.6842	20.460E-6	
-5.00000	31.00000	-8.50000	-16.052	-8.9310	-0.0062404	-3.2359	24.398E-6	
-4.00000	31.00000	-8.50000	-17.503	-8.9310	-0.010490	-3.9864	30.713E-6	
-3.00000	31.00000	-8.50000	-19.133	-8.9310	-0.019160	-5.0459	37.922E-6	
-2.00000	31.00000	-8.50000	-20.966	-8.9310	-0.038441	-6.5949	48.945E-6	
-1.00000	31.00000	-8.50000	-23.006	-8.9310	-0.082130	-8.8673	60.048413	
0.00000	31.00000	-8.50000	-25.195	-8.9310	-0.16080	-11.859	83.784E-6	
1.00000	31.00000	-8.50000	-27.383	-8.9310	-0.23947	-14.852	103.17E-6	
2.00000	31.00000	-8.50000	-29.421	-8.9310	-0.28316	-17.127	118.65E-6	
3.00000	31.00000	-8.50000	-31.250	-8.9310	-0.30245	-18.681	129.71E-6	
4.00000	31.00000	-8.50000	-32.875	-8.9310	-0.31113	-19.746	137.50E-6	
5.00000	31.00000	-8.50000	-34.319	-8.9310	-0.31539	-20.505	143.14E-6	
6.00000	31.00000	-8.50000	-35.606	-8.9310	-0.31769	-21.067	147.36E-6	
7.00000	31.00000	-8.50000	-36.757	-8.9310	-0.31902	-21.499	150.62E-6	
8.00000	31.00000	-8.50000	-37.792	-8.9310	-0.31995	-21.842	153.22E-6	
9.00000	31.00000	-8.50000	-38.727	-8.9310	-0.32041	-22.123	155.35E-6	
10.00000	31.00000	-8.50000	-39.575	-8.9310	-0.32091	-22.361	157.05E-6</	



73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Stresses		Vert Strain [-]
	X [m]	Y [m]					Sum Princ [kN/m²]		
18.00000	33.00000	-8.50000	-35.638	-8.9310	-0.051884	-11.979	89.727E-6		
19.00000	33.00000	-8.50000	-36.377	-8.9310	-0.066221	-13.006	96.969E-6		
20.00000	33.00000	-8.50000	-37.302	-8.9310	-0.11315	-14.999	110.13E-6		
21.00000	33.00000	-8.50000	-38.518	-8.9310	-0.31414	-19.340	134.24E-6		
22.00000	33.00000	-8.50000	-40.059	-8.9310	-1.1274	-28.297	165.60E-6		
23.00000	33.00000	-8.50000	-41.532	-8.9310	-1.9406	-37.239	196.84E-6		
24.00000	33.00000	-8.50000	-42.543	-8.9310	-2.1415	-41.535	220.61E-6		
25.00000	33.00000	-8.50000	-43.123	-8.9310	-2.1883	-43.449	233.17E-6		
26.00000	33.00000	-8.50000	-43.374	-8.9310	-2.2025	-44.363	239.54E-6		
27.00000	33.00000	-8.50000	-43.366	-8.9310	-2.2077	-44.801	242.67E-6		
28.00000	33.00000	-8.50000	-43.141	-8.9310	-2.2098	-44.976	243.92E-6		
29.00000	33.00000	-8.50000	-42.723	-8.9310	-2.2105	-44.980	243.92E-6		
30.00000	33.00000	-8.50000	-42.121	-8.9310	-2.2104	-44.847	242.90E-6		
31.00000	33.00000	-8.50000	-41.335	-8.9310	-2.2097	-44.583	240.90E-6		
32.00000	33.00000	-8.50000	-40.355	-8.9310	-2.2082	-44.166	237.76E-6		
33.00000	33.00000	-8.50000	-39.162	-8.9310	-2.2050	-43.540	233.10E-6		
34.00000	33.00000	-8.50000	-37.726	-8.9310	-2.1982	-42.595	226.14E-6		
35.00000	33.00000	-8.50000	-35.999	-8.9310	-2.1816	-41.097	215.39E-6		
36.00000	33.00000	-8.50000	-33.916	-8.9310	-2.1313	-38.508	197.80E-6		
37.00000	33.00000	-8.50000	-31.387	-8.9310	-1.9256	-33.449	168.38E-6		
38.00000	33.00000	-8.50000	-28.410	-8.9310	-1.1067	-23.690	131.12E-6		
39.00000	33.00000	-8.50000	-25.413	-8.9310	-0.28785	-13.927	93.822E-6		
40.00000	33.00000	-8.50000	-22.829	-8.9310	-0.082139	-8.8548	64.308E-6		
41.00000	33.00000	-8.50000	-20.652	-8.9310	-0.031816	-6.2440	46.551E-6		
42.00000	33.00000	-8.50000	-18.792	-8.9310	-0.015208	-4.7141	35.552E-6		
43.00000	33.00000	-8.50000	-17.179	-8.9310	-0.0083488	-3.7232	28.248E-6		
44.00000	33.00000	-8.50000	-15.762	-8.9310	-0.0050433	-3.0346	23.105E-6		
45.00000	33.00000	-8.50000	-14.506	-8.9310	-0.0032654	-2.5311	19.315E-6		
46.00000	33.00000	-8.50000	-13.382	-8.9310	-0.0022279	-2.1487	16.422E-6		
47.00000	33.00000	-8.50000	-12.371	-8.9310	-0.0015832	-1.8496	14.152E-6		
48.00000	33.00000	-8.50000	-11.457	-8.9310	-0.0011623	-1.6102	12.330E-6		
49.00000	33.00000	-8.50000	-10.626	-8.9310	-876.29E-6	-1.4150	10.841E-6		
50.00000	33.00000	-8.50000	-9.8684	-8.9310	-675.38E-6	-1.2532	9.603E-6		
51.00000	33.00000	-8.50000	-9.1752	-8.9310	-530.30E-6	-1.1173	8.5684E-6		
52.00000	33.00000	-8.50000	-8.5392	-8.9310	-423.03E-6	-1.0021	7.6868E-6		
53.00000	33.00000	-8.50000	-7.9544	-8.9310	-342.11E-6	-0.90327	6.9308E-6		
54.00000	33.00000	-8.50000	-7.4155	-8.9310	-272.99E-6	-0.81791	6.2772E-6		
55.00000	33.00000	-8.50000	-6.9179	-8.9310	-231.56E-6	-0.74362	5.7081E-6		
56.00000	33.00000	-8.50000	-6.4578	-8.9310	-193.29E-6	-0.67854	5.2094E-6		
57.00000	33.00000	-8.50000	-6.0318	-8.9310	-162.69E-6	-0.62020	4.7698E-6		
58.00000	33.00000	-8.50000	-5.6367	-8.9310	-137.96E-6	-0.57042	4.3804E-6		
59.00000	33.00000	-8.50000	-5.2699	-8.9310	-117.77E-6	-0.52524	4.0339E-6		
60.00000	33.00000	-8.50000	-4.9291	-8.9310	-101.15E-6	-0.48487	3.7243E-6		
-20.00000	34.00000	-8.50000	-7.47921	-8.9310	-100.85E-6	-0.47393	3.6401E-6		
-19.00000	34.00000	-8.50000	-5.1167	-8.9310	-117.36E-6	-0.51262	3.9369E-6		
-18.00000	34.00000	-8.50000	-5.4648	-8.9310	-137.35E-6	-0.55575	4.2676E-6		
-17.00000	34.00000	-8.50000	-5.8284	-8.9310	-161.76E-6	-0.60401	4.6377E-6		
-16.00000	34.00000	-8.50000	-6.2395	-8.9310	-191.81E-6	-0.65821	5.0531E-6		
-15.00000	34.00000	-8.50000	-6.6706	-8.9310	-229.15E-6	-0.71933	5.5214E-6		
-14.00000	34.00000	-8.50000	-7.1341	-8.9310	-275.98E-6	-0.78855	6.0165E-6		
-13.00000	34.00000	-8.50000	-7.6328	-8.9310	-335.37E-6	-0.86732	6.5464E-6		
-12.00000	34.00000	-8.50000	-8.1697	-8.9310	-411.55E-6	-0.95739	7.3438E-6		
-11.00000	34.00000	-8.50000	-8.7481	-8.9310	-510.52E-6	-1.0609	8.1355E-6		
-10.00000	34.00000	-8.50000	-9.3735	-8.9310	-640.82E-6	-1.1806	9.0500E-6		
-9.00000	34.00000	-8.50000	-10.043	-8.9310	-814.85E-6	-1.3198	10.112E-6		
-8.00000	34.00000	-8.50000	-10.768	-8.9310	-0.0010507	-1.4825	11.353E-6		
-7.00000	34.00000	-8.50000	-11.549	-8.9310	-0.0013751	-1.6738	12.809E-6		
-6.00000	34.00000	-8.50000	-12.389	-8.9310	-0.0018270	-1.8997	14.525E-6		
-5.00000	34.00000	-8.50000	-13.291	-8.9310	-0.0024624	-2.1671	16.552E-6		
-4.00000	34.00000	-8.50000	-14.256	-8.9310	-0.0033569	-2.4830	18.941E-6		
-3.00000	34.00000	-8.50000	-15.282	-8.9310	-0.0045999	-2.8533	21.731E-6		
-2.00000	34.00000	-8.50000	-16.362	-8.9310	-0.0062663	-3.2791	24.929E-6		
-1.00000	34.00000	-8.50000	-17.483	-8.9310	-0.0083545	-3.7531	28.477E-6		
0.00000	34.00000	-8.50000	-18.626	-8.9310	-0.010720	-4.2850	32.235E-6		
1.00000	34.00000	-8.50000	-19.768	-8.9310	-0.013086	-4.7591	35.996E-6		
2.00000	34.00000	-8.50000	-20.885	-8.9310	-0.015176	-5.2347	39.557E-6		
3.00000	34.00000	-8.50000	-21.959	-8.9310	-0.016847	-5.6634	42.777E-6		
4.00000	34.00000	-8.50000	-22.976	-8.9310	-0.018097	-6.0377	45.598E-6		
5.00000	34.00000	-8.50000	-23.929	-8.9310	-0.019001	-6.3593	48.029E-6		
6.00000	34.00000	-8.50000	-24.818	-8.9310	-0.019649	-6.6340	50.132E-6		
7.00000	34.00000	-8.50000	-25.643	-8.9310	-0.020118	-6.8695	51.901E-6		
8.00000	34.00000	-8.50000	-26.407	-8.9310	-0.020466	-7.0732	53.452E-6		
9.00000	34.00000	-8.50000	-27.114	-8.9310	-0.020735	-7.2521	54.816E-6		
10.00000	34.00000	-8.50000	-27.770	-8.9310	-0.020957	-7.4127	56.041E-6		
11.00000	34.00000	-8.50000	-28.379	-8.9310	-0.021157	-7.5612	57.173E-6		
12.00000	34.00000	-8.50000	-28.949	-8.9310	-0.021362	-7.7039	58.261E-6		
13.00000	34.00000	-8.50000	-29.486	-8.9310	-0.021606	-7.8483	59.361E-6		
14.00000	34.00000	-8.50000	-29.998	-8.9310	-0.021940	-8.0041	60.543E-6		
15.00000	34.00000	-8.50000	-30.498	-8.9310	-0.022457	-8.1847	61.908E-6		
16.00000	34.00000	-8.50000	-30.994	-8.9310	-0.023343	-8.4112	63.609E-6		
17.00000	34.00000	-8.50000	-31.506	-8.9310	-0.024999	-8.7178	65.891E-6		
18.00000	34.00000	-8.50000	-32.052	-8.9310	-0.028364	-9.1638	69.165E-6		
19.00000	34.00000	-8.50000	-32.660	-8.9310	-0.035792	-9.8534	74.127E-6		
20.00000	34.00000	-8.50000	-33.359	-8.9310	-0.053399	-10.966	81.869E-6		
21.00000	34.00000	-8.50000	-34.163	-8.9310	-0.094981	-12.742	93.607E-6		
22.00000	34.00000	-8.50000	-35.033	-8.9310	-0.17125	-15.196	108.96E-6		
23.00000	34.00000	-8.50000	-35.840	-8.9310	-0.24751	-17.636	124.21E-6		
24.00000	34.00000	-8.50000	-36.454	-8.9310	-0.28905	-19.371	135.63E-6		
25.00000	34.00000	-8.50000	-36.834	-8.9310	-0.30658	-20.413	142.84E-6		
26.00000	34.00000	-8.50000	-36.992	-8.9310	-0.31389	-21.000	147.02E-6		
27.00000	34.00000	-8.50000	-36.951	-8.9310	-0.31708	-21.308	149.24E-6		
28.00000	34.00000	-8.50000	-36.732	-8.9310	-0.31848	-21.435	150.10E-6		
29.00000	34.00000	-8.50000	-36.349	-8.9310	-0.31900	-21.431	150.10E-6		
30.00000	34.00000	-8.50000	-35.807	-8.9310	-0.31896	-21.319	149.24E-6		
31.00000	34.00000	-8.50000	-35.106	-8.9310	-0.31844	-21.101	147.59E-6		
32.00000	34.00000	-8.50000	-34.241	-8.9310	-0.31731	-20.764	145.05E-6		



73-75 Avenue Road, NW8

Total Heave

Name	Location		Stresses					
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
57.00000	36.00000	-8.50000	-5.4545	-8.9310	-131.78E-6	-0.55088	4.2305E-6	
58.00000	36.00000	-8.50000	-5.1129	-8.9310	-113.06E-6	-0.50900	3.9093E-6	
59.00000	36.00000	-8.50000	-4.7939	-8.9310	-97.545E-6	-0.47136	3.6205E-6	
60.00000	36.00000	-8.50000	-4.4959	-8.9310	-84.592E-6	-0.43741	3.3600E-6	
-20.00000	37.00000	-8.50000	-4.3244	-8.9310	-80.879E-6	-0.42109	3.2346E-6	
-19.00000	37.00000	-8.50000	-4.6026	-8.9310	-92.804E-6	-0.45246	3.4753E-6	
-18.00000	37.00000	-8.50000	-4.8989	-8.9310	-106.93E-6	-0.48698	3.7402E-6	
-17.00000	37.00000	-8.50000	-5.2145	-8.9310	-123.76E-6	-0.52508	4.0324E-6	
-16.00000	37.00000	-8.50000	-5.5507	-8.9310	-143.91E-6	-0.56719	4.3533E-6	
-15.00000	37.00000	-8.50000	-5.9089	-8.9310	-168.17E-6	-0.61384	4.7130E-6	
-14.00000	37.00000	-8.50000	-6.2903	-8.9310	-197.53E-6	-0.66565	5.1101E-6	
-13.00000	37.00000	-8.50000	-6.6962	-8.9310	-233.27E-6	-0.72329	5.5517E-6	
-12.00000	37.00000	-8.50000	-7.1282	-8.9310	-277.00E-6	-0.78755	6.0439E-6	
-11.00000	37.00000	-8.50000	-7.5875	-8.9310	-330.80E-6	-0.85932	6.5933E-6	
-10.00000	37.00000	-8.50000	-8.0754	-8.9310	-397.28E-6	-0.93956	7.2074E-6	
-9.00000	37.00000	-8.50000	-8.5929	-8.9310	-479.72E-6	-1.0294	7.8942E-6	
-8.00000	37.00000	-8.50000	-9.1409	-8.9310	-582.16E-6	-1.1298	8.6621E-6	
-7.00000	37.00000	-8.50000	-9.7198	-8.9310	-709.42E-6	-1.2421	9.5196E-6	
-6.00000	37.00000	-8.50000	-10.329	-8.9310	-866.91E-6	-1.3672	10.474E-6	
-5.00000	37.00000	-8.50000	-10.968	-8.9310	-0.0010602	-1.5058	11.531E-6	
-4.00000	37.00000	-8.50000	-11.635	-8.9310	-0.0012940	-1.6581	12.692E-6	
-3.00000	37.00000	-8.50000	-12.326	-8.9310	-0.0015706	-1.8237	13.953E-6	
-2.00000	37.00000	-8.50000	-13.037	-8.9310	-0.0018879	-2.0009	15.300E-6	
-1.00000	37.00000	-8.50000	-13.761	-8.9310	-0.0022380	-2.1868	16.714E-6	
0.00000	37.00000	-8.50000	-14.492	-8.9310	-0.0026068	-2.3776	18.164E-6	
1.00000	37.00000	-8.50000	-15.221	-8.9310	-0.0029761	-2.5687	19.617E-6	
2.00000	37.00000	-8.50000	-15.940	-8.9310	-0.0033280	-2.7556	21.039E-6	
3.00000	37.00000	-8.50000	-16.643	-8.9310	-0.0036484	-2.9346	22.400E-6	
4.00000	37.00000	-8.50000	-17.323	-8.9310	-0.0039295	-3.1028	23.681E-6	
5.00000	37.00000	-8.50000	-17.975	-8.9310	-0.0041697	-3.2589	24.870E-6	
6.00000	37.00000	-8.50000	-18.598	-8.9310	-0.0043717	-3.4024	25.964E-6	
7.00000	37.00000	-8.50000	-19.188	-8.9310	-0.0045410	-3.5339	26.968E-6	
8.00000	37.00000	-8.50000	-19.745	-8.9310	-0.0046843	-3.6545	27.892E-6	
9.00000	37.00000	-8.50000	-20.270	-8.9310	-0.0048087	-3.7659	28.740E-6	
10.00000	37.00000	-8.50000	-20.763	-8.9310	-0.0049215	-3.8699	29.534E-6	
11.00000	37.00000	-8.50000	-21.227	-8.9310	-0.0050306	-3.9687	30.289E-6	
12.00000	37.00000	-8.50000	-21.663	-8.9310	-0.0051449	-4.0620	31.014E-6	
13.00000	37.00000	-8.50000	-22.074	-8.9310	-0.0052760	-4.1616	31.761E-6	
14.00000	37.00000	-8.50000	-22.463	-8.9310	-0.0054400	-4.2622	32.528E-6	
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16.00000	37.00000	-8.50000	-23.190	-8.9310	-0.0059706	-4.4937	34.284E-6	
17.00000	37.00000	-8.50000	-23.535	-8.9310	-0.0064228	-4.6364	35.360E-6	
18.00000	37.00000	-8.50000	-23.870	-8.9310	-0.0070879	-4.8060	36.643E-6	
19.00000	37.00000	-8.50000	-24.197	-8.9310	-0.0080529	-5.0088	38.148E-6	
20.00000	37.00000	-8.50000	-24.512	-8.9310	-0.0093946	-5.2475	39.922E-6	
21.00000	37.00000	-8.50000	-24.808	-8.9310	-0.011119	-5.5169	41.915E-6	
22.00000	37.00000	-8.50000	-25.072	-8.9310	-0.013094	-5.8214	44.101E-6	
23.00000	37.00000	-8.50000	-25.288	-8.9310	-0.015060	-6.0762	46.034E-6	
24.00000	37.00000	-8.50000	-25.437	-8.9310	-0.016758	-6.3167	47.806E-6	
25.00000	37.00000	-8.50000	-25.507	-8.9310	-0.018053	-6.5063	49.204E-6	
26.00000	37.00000	-8.50000	-25.487	-8.9310	-0.018948	-6.6587	50.181E-6	
27.00000	37.00000	-8.50000	-25.375	-8.9310	-0.019513	-6.7148	50.740E-6	
28.00000	37.00000	-8.50000	-25.167	-8.9310	-0.019829	-6.7383	50.906E-6	
29.00000	37.00000	-8.50000	-24.864	-8.9310	-0.019952	-6.7129	50.705E-6	
30.00000	37.00000	-8.50000	-24.467	-8.9310	-0.019916	-6.6408	50.152E-6	
31.00000	37.00000	-8.50000	-23.975	-8.9310	-0.019727	-6.5221	49.248E-6	
32.00000	37.00000	-8.50000	-23.389	-8.9310	-0.019369	-6.3548	47.978E-6	
33.00000	37.00000	-8.50000	-22.711	-8.9310	-0.018799	-6.1351	46.315E-6	
34.00000	37.00000	-8.50000	-21.942	-8.9310	-0.017951	-5.8584	44.226E-6	
35.00000	37.00000	-8.50000	-21.088	-8.9310	-0.016742	-5.5206	41.684E-6	
36.00000	37.00000	-8.50000	-20.158	-8.9310	-0.015102	-5.1220	38.694E-6	
37.00000	37.00000	-8.50000	-19.167	-8.9310	-0.013033	-4.6712	35.323E-6	
38.00000	37.00000	-8.50000	-18.136	-8.9310	-0.010684	-4.1884	31.718E-6	
39.00000	37.00000	-8.50000	-17.090	-8.9310	-0.0083311	-3.7024	28.098E-6	
40.00000	37.00000	-8.50000	-16.054	-8.9310	-0.0062521	-3.2424	24.647E-6	
41.00000	37.00000	-8.50000	-15.048	-8.9310	-0.0045926	-2.8279	21.536E-6	
42.00000	37.00000	-8.50000	-14.085	-8.9310	-0.0033546	-2.4668	18.816E-6	
43.00000	37.00000	-8.50000	-13.175	-8.9310	-0.0024636	-2.1584	16.485E-6	
44.00000	37.00000	-8.50000	-12.320	-8.9310	-0.0018307	-1.8971	14.505E-6	
45.00000	37.00000	-8.50000	-11.521	-8.9310	-0.0013805	-1.6760	12.825E-6	
46.00000	37.00000	-8.50000	-10.774	-8.9310	-0.0010572	-1.4884	11.399E-6	
47.00000	37.00000	-8.50000	-10.079	-8.9310	-821.97E-6	-1.3287	10.180E-6	
48.00000	37.00000	-8.50000	-9.4310	-8.9310	-648.21E-6	-1.1918	9.1353E-6	
49.00000	37.00000	-8.50000	-8.8277	-8.9310	-517.93E-6	-1.0737	8.2336E-6	
50.00000	37.00000	-8.50000	-8.2658	-8.9310	-418.81E-6	-0.97139	7.4511E-6	
51.00000	37.00000	-8.50000	-7.7422	-8.9310	-342.36E-6	-0.88214	6.7683E-6	
52.00000	37.00000	-8.50000	-7.2541	-8.9310	-282.63E-6	-0.80389	6.1693E-6	
53.00000	37.00000	-8.50000	-6.7988	-8.9310	-235.41E-6	-0.73493	5.6411E-6	
54.00000	37.00000	-8.50000	-6.3738	-8.9310	-197.67E-6	-0.67388	5.1734E-6	
55.00000	37.00000	-8.50000	-5.9770	-8.9310	-167.21E-6	-0.61959	4.7573E-6	
56.00000	37.00000	-8.50000	-5.6063	-8.9310	-142.40E-6	-0.57113	4.3857E-6	
57.00000	37.00000	-8.50000	-5.2598	-8.9310	-122.01E-6	-0.52770	4.0527E-6	
58.00000	37.00000	-8.50000	-4.9357	-8.9310	-105.14E-6	-0.48866	3.7532E-6	
59.00000	37.00000	-8.50000	-4.6324	-8.9310	-91.065E-6	-0.45343	3.4829E-6	
60.00000	37.00000	-8.50000	-4.3485	-8.9310	-79.256E-6	-0.42156	3.2439E-6	
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-19.00000	38.00000	-8.50000	-4.4322	-8.9310	-85.438E-6	-0.43315	3.3272E-6	
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-16.00000	38.00000	-8.50000	-5.3256	-8.9310	-130.19E-6	-0.53873	4.1371E-6	
-15.00000	38.00000	-8.50000	-5.6613	-8.9310	-151.05E-6	-0.58122	4.4629E-6	
-14.00000	38.00000	-8.50000	-6.0176	-8.9310	-176.00E-6	-0.63223	4.8223E-6	
-13.00000	38.00000	-8.50000	-6.3957	-8.9310	-205.97E-6	-0.67990	5.2193E-6	
-12.00000	38.00000	-8.50000	-6.7966	-8.9310	-242.12E-6	-0.73721	5.6583E-6	
-11.00000	38.00000	-8.50000	-7.2211	-8.9310	-285.85E-6	-0.80065	6.1442E-6	
-10								

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	Location		Stresses					
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
15.00000	40.00000	-8.50000	-17.542	-8.9310	-0.0021318	-2.6952	20.629E-6	
16.00000	40.00000	-8.50000	-17.789	-8.9310	-0.0022356	-2.7597	21.121E-6	
17.00000	40.00000	-8.50000	-18.017	-8.9310	-0.0023629	-2.8272	21.633E-6	
18.00000	40.00000	-8.50000	-18.225	-8.9310	-0.0025184	-2.8981	22.171E-6	
19.00000	40.00000	-8.50000	-18.412	-8.9310	-0.0027049	-2.9722	22.733E-6	
20.00000	40.00000	-8.50000	-18.575	-8.9310	-0.0029211	-3.0486	23.311E-6	
21.00000	40.00000	-8.50000	-18.710	-8.9310	-0.0031607	-3.1253	23.889E-6	
22.00000	40.00000	-8.50000	-18.814	-8.9310	-0.0034113	-3.1991	24.445E-6	
23.00000	40.00000	-8.50000	-18.880	-8.9310	-0.0036569	-3.2664	24.952E-6	
24.00000	40.00000	-8.50000	-18.905	-8.9310	-0.0038813	-3.3235	25.381E-6	
25.00000	40.00000	-8.50000	-18.883	-8.9310	-0.0040714	-3.3671	25.707E-6	
26.00000	40.00000	-8.50000	-18.810	-8.9310	-0.0042396	-3.3946	25.932E-6	
27.00000	40.00000	-8.50000	-18.685	-8.9310	-0.0043228	-3.4045	25.983E-6	
28.00000	40.00000	-8.50000	-18.505	-8.9310	-0.0043813	-3.3958	25.913E-6	
29.00000	40.00000	-8.50000	-18.268	-8.9310	-0.0043965	-3.3680	25.699E-6	
30.00000	40.00000	-8.50000	-17.976	-8.9310	-0.0043694	-3.3209	25.388E-6	
31.00000	40.00000	-8.50000	-17.629	-8.9310	-0.0042999	-3.2544	24.829E-6	
32.00000	40.00000	-8.50000	-17.228	-8.9310	-0.0041868	-3.1685	24.174E-6	
33.00000	40.00000	-8.50000	-16.776	-8.9310	-0.0040277	-3.0634	23.374E-6	
34.00000	40.00000	-8.50000	-16.276	-8.9310	-0.0038205	-2.9399	22.433E-6	
35.00000	40.00000	-8.50000	-15.733	-8.9310	-0.0035647	-2.7991	21.362E-6	
36.00000	40.00000	-8.50000	-15.154	-8.9310	-0.0032639	-2.6434	20.179E-6	
37.00000	40.00000	-8.50000	-14.544	-8.9310	-0.0029273	-2.4762	18.908E-6	
38.00000	40.00000	-8.50000	-13.914	-8.9310	-0.0025699	-2.3018	17.583E-6	
39.00000	40.00000	-8.50000	-13.271	-8.9310	-0.0022104	-2.1252	16.242E-6	
40.00000	40.00000	-8.50000	-12.625	-8.9310	-0.0018676	-1.9513	14.920E-6	
41.00000	40.00000	-8.50000	-11.983	-8.9310	-0.0015559	-1.7843	13.651E-6	
42.00000	40.00000	-8.50000	-11.354	-8.9310	-0.0012837	-1.6274	12.456E-6	
43.00000	40.00000	-8.50000	-10.741	-8.9310	-0.0010534	-1.4822	11.351E-6	
44.00000	40.00000	-8.50000	-10.150	-8.9310	-0.0008627	-1.3497	10.340E-6	
45.00000	40.00000	-8.50000	-9.5818	-8.9310	-0.000724E-6	-1.2297	9.4245E-6	
46.00000	40.00000	-8.50000	-9.0395	-8.9310	-581.51E-6	-1.1217	8.5995E-6	
47.00000	40.00000	-8.50000	-8.5234	-8.9310	-480.15E-6	-1.0247	7.8951E-6	
48.00000	40.00000	-8.50000	-8.0335	-8.9310	-398.58E-6	-0.93783	7.1940E-6	
49.00000	40.00000	-8.50000	-7.5694	-8.9310	-332.68E-6	-0.85995	6.5981E-6	
50.00000	40.00000	-8.50000	-7.1306	-8.9310	-279.28E-6	-0.79012	6.0635E-6	
51.00000	40.00000	-8.50000	-6.7151	-8.9310	-235.80E-6	-0.72741	5.5832E-6	
52.00000	40.00000	-8.50000	-6.3249	-8.9310	-200.21E-6	-0.67100	5.1511E-6	
53.00000	40.00000	-8.50000	-5.9560	-8.9310	-170.91E-6	-0.62016	4.7614E-6	
54.00000	40.00000	-8.50000	-5.6082	-8.9310	-146.63E-6	-0.57424	4.4094E-6	
55.00000	40.00000	-8.50000	-5.2806	-8.9310	-126.45E-6	-0.53268	4.0908E-6	
56.00000	40.00000	-8.50000	-4.9719	-8.9310	-109.54E-6	-0.49499	3.8017E-6	
57.00000	40.00000	-8.50000	-4.6811	-8.9310	-95.310E-6	-0.46073	3.5389E-6	
58.00000	40.00000	-8.50000	-4.4073	-8.9310	-83.270E-6	-0.42953	3.2994E-6	
59.00000	40.00000	-8.50000	-4.1494	-8.9310	-73.034E-6	-0.40104	3.0809E-6	
60.00000	40.00000	-8.50000	-3.9065	-8.9310	-64.291E-6	-0.37500	2.8810E-6	
-20.00000	41.00000	-8.50000	-3.7114	-8.9310	-56.701E-6	-0.35352	2.6937E-6	
-19.00000	41.00000	-8.50000	-3.9333	-8.9310	-66.109E-6	-0.37851	2.9079E-6	
-18.00000	41.00000	-8.50000	-4.1676	-8.9310	-74.633E-6	-0.40362	3.1006E-6	
-17.00000	41.00000	-8.50000	-4.4148	-8.9310	-84.460E-6	-0.43082	3.3093E-6	
-16.00000	41.00000	-8.50000	-4.6755	-8.9310	-95.812E-6	-0.46030	3.5355E-6	
-15.00000	41.00000	-8.50000	-4.9503	-8.9310	-108.95E-6	-0.49227	3.7808E-6	
-14.00000	41.00000	-8.50000	-5.2395	-8.9310	-124.17E-6	-0.52694	4.0467E-6	
-13.00000	41.00000	-8.50000	-5.5435	-8.9310	-141.82E-6	-0.56453	4.3350E-6	
-12.00000	41.00000	-8.50000	-5.8627	-8.9310	-162.29E-6	-0.60528	4.6475E-6	
-11.00000	41.00000	-8.50000	-6.1974	-8.9310	-186.03E-6	-0.64941	4.9857E-6	
-10.00000	41.00000	-8.50000	-6.5475	-8.9310	-213.50E-6	-0.69713	5.3514E-6	
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-8.00000	41.00000	-8.50000	-7.2935	-8.9310	-281.69E-6	-0.80403	6.1704E-6	
-7.00000	41.00000	-8.50000	-7.6885	-8.9310	-323.35E-6	-0.86344	6.6254E-6	
-6.00000	41.00000	-8.50000	-8.0971	-8.9310	-370.57E-6	-0.92683	7.1107E-6	
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-3.00000	41.00000	-8.50000	-9.3904	-8.9310	-545.99E-6	-1.1389	8.7338E-6	
-2.00000	41.00000	-8.50000	-9.8375	-8.9310	-614.34E-6	-1.2155	9.3197E-6	
-1.00000	41.00000	-8.50000	-10.289	-8.9310	-686.03E-6	-1.2940	9.9199E-6	
0.00000	41.00000	-8.50000	-10.741	-8.9310	-759.64E-6	-1.3735	10.528E-6	
1.00000	41.00000	-8.50000	-11.191	-8.9310	-833.58E-6	-1.4532	11.137E-6	
2.00000	41.00000	-8.50000	-11.637	-8.9310	-906.26E-6	-1.5321	11.741E-6	
3.00000	41.00000	-8.50000	-12.075	-8.9310	-976.32E-6	-1.6095	12.333E-6	
4.00000	41.00000	-8.50000	-12.502	-8.9310	-0.0010427	-1.6847	12.908E-6	
5.00000	41.00000	-8.50000	-12.918	-8.9310	-0.0011048	-1.7572	13.463E-6	
6.00000	41.00000	-8.50000	-13.319	-8.9310	-0.0011624	-1.8266	13.994E-6	
7.00000	41.00000	-8.50000	-13.704	-8.9310	-0.0012157	-1.8929	14.501E-6	
8.00000	41.00000	-8.50000	-14.072	-8.9310	-0.0012653	-1.9560	14.984E-6	
9.00000	41.00000	-8.50000	-14.422	-8.9310	-0.0013121	-2.0161	15.444E-6	
10.00000	41.00000	-8.50000	-14.753	-8.9310	-0.0013572	-2.0735	15.884E-6	
11.00000	41.00000	-8.50000	-15.066	-8.9310	-0.0014020	-2.1288	16.306E-6	
12.00000	41.00000	-8.50000	-15.360	-8.9310	-0.0014482	-2.1822	16.716E-6	
13.00000	41.00000	-8.50000	-15.635	-8.9310	-0.0014976	-2.2346	17.116E-6	
14.00000	41.00000	-8.50000	-15.892	-8.9310	-0.0015526	-2.2865	17.512E-6	
15.00000	41.00000	-8.50000	-16.130	-8.9310	-0.0016156	-2.3384	17.909E-6	
16.00000	41.00000	-8.50000	-16.349	-8.9310	-0.0016893	-2.3910	18.310E-6	
17.00000	41.00000	-8.50000	-16.548	-8.9310	-0.001760	-2.4446	18.718E-6	
18.00000	41.00000	-8.50000	-16.728	-8.9310	-0.0018777	-2.4993	19.134E-6	
19.00000	41.00000	-8.50000	-16.885	-8.9310	-0.0019949	-2.5548	19.556E-6	
20.00000	41.00000	-8.50000	-17.019	-8.9310	-0.0021262	-2.6102	19.976E-6	
21.00000	41.00000	-8.50000	-17.126	-8.9310	-0.0022677	-2.6662	20.384E-6	
22.00000	41.00000	-8.50000	-17.203	-8.9310	-0.0024129	-2.7147	20.766E-6	
23.00000	41.00000	-8.50000	-17.247	-8.9310	-0.0025541	-2.7596	21.105E-6	
24.00000	41.00000	-8.50000	-17.253	-8.9310	-0.0026831	-2.7965	21.383E-6	
25.00000	41.00000	-8.50000	-17.218	-8.9310	-0.0027931	-2.8234	21.584E-6	
26.00000	41.00000	-8.50000	-17.142	-8.9310	-0.0028792	-2.8384	21.696E-6	
27.00000	41.00000	-8.50000	-17.020	-8.9310	-0.0029389	-2.8404	21.708E-6	
28.00000	41.00000	-8.50000	-16.850	-8.9310	-0.0029712	-2.8285	21.615E-6	
29.00000	41.00000	-8.50000	-16.634					



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
54.00000	43.00000	-8.50000	-4.8876	-8.9310	-107.06E-6	-0.48632	3.7351E-6	
55.00000	43.00000	-8.50000	-4.6203	-8.9310	-94.057E-6	-0.45495	3.4948E-6	
56.00000	43.00000	-8.50000	-4.3665	-8.9310	-82.869E-6	-0.42606	3.2728E-6	
57.00000	43.00000	-8.50000	-4.1256	-8.9310	-73.218E-6	-0.39942	3.0684E-6	
58.00000	43.00000	-8.50000	-3.8972	-8.9310	-64.870E-6	-0.37485	2.8798E-6	
59.00000	43.00000	-8.50000	-3.6806	-8.9310	-57.628E-6	-0.35216	2.7056E-6	
60.00000	43.00000	-8.50000	-3.4755	-8.9310	-51.328E-6	-0.33118	2.5446E-6	
-20.00000	44.00000	-8.50000	-3.2770	-8.9310	-45.717E-6	-0.31127	2.3917E-6	
19.00000	44.00000	-8.50000	-3.4623	-8.9310	-50.829E-6	-0.32962	2.5326E-6	
-18.00000	44.00000	-8.50000	-3.6569	-8.9310	-56.594E-6	-0.34926	2.6834E-6	
-17.00000	44.00000	-8.50000	-3.8608	-8.9310	-63.099E-6	-0.37029	2.8448E-6	
16.00000	44.00000	-8.50000	-4.0745	-8.9310	-70.441E-6	-0.39279	3.0175E-6	
-15.00000	44.00000	-8.50000	-4.2981	-8.9310	-78.728E-6	-0.41686	3.2022E-6	
-14.00000	44.00000	-8.50000	-4.5318	-8.9310	-88.076E-6	-0.44260	3.3997E-6	
-13.00000	44.00000	-8.50000	-4.7756	-8.9310	-98.612E-6	-0.47008	3.6106E-6	
12.00000	44.00000	-8.50000	-5.0295	-8.9310	-110.47E-6	-0.49939	3.8355E-6	
-11.00000	44.00000	-8.50000	-5.2936	-8.9310	-123.78E-6	-0.53061	4.0749E-6	
-10.00000	44.00000	-8.50000	-5.5675	-8.9310	-138.67E-6	-0.56377	4.3293E-6	
-9.00000	44.00000	-8.50000	-5.9509	-8.9310	-155.27E-6	-0.59992	4.6039E-6	
-8.00000	44.00000	-8.50000	-6.1435	-8.9310	-173.68E-6	-0.63605	4.8836E-6	
-7.00000	44.00000	-8.50000	-6.4447	-8.9310	-193.96E-6	-0.67513	5.1832E-6	
-6.00000	44.00000	-8.50000	-6.7535	-8.9310	-216.14E-6	-0.71609	5.4971E-6	
-5.00000	44.00000	-8.50000	-7.0692	-8.9310	-240.18E-6	-0.75879	5.8244E-6	
-4.00000	44.00000	-8.50000	-7.3906	-8.9310	-265.97E-6	-0.80306	6.1637E-6	
-3.00000	44.00000	-8.50000	-7.7164	-8.9310	-293.33E-6	-0.84868	6.5132E-6	
-2.00000	44.00000	-8.50000	-8.0452	-8.9310	-321.99E-6	-0.89536	6.8710E-6	
1.00000	44.00000	-8.50000	-8.3754	-8.9310	-351.63E-6	-0.94280	7.2344E-6	
0.00000	44.00000	-8.50000	-8.7054	-8.9310	-381.87E-6	-0.99065	7.6010E-6	
1.00000	44.00000	-8.50000	-9.0335	-8.9310	-412.30E-6	-1.0385	7.9679E-6	
2.00000	44.00000	-8.50000	-9.3611	-8.9310	-442.54E-6	-1.0861	8.3325E-6	
3.00000	44.00000	-8.50000	-9.6772	-8.9310	-472.23E-6	-1.1331	8.6922E-6	
4.00000	44.00000	-8.50000	-9.9895	-8.9310	-501.07E-6	-1.1791	9.0447E-6	
5.00000	44.00000	-8.50000	-10.294	-8.9310	-529.88E-6	-1.2219	9.3811E-6	
6.00000	44.00000	-8.50000	-10.588	-8.9310	-558.57E-6	-1.2674	9.7210E-6	
7.00000	44.00000	-8.50000	-10.872	-8.9310	-581.12E-6	-1.3093	10.042E-6	
8.00000	44.00000	-8.50000	-11.143	-8.9310	-605.66E-6	-1.3497	10.352E-6	
9.00000	44.00000	-8.50000	-11.402	-8.9310	-629.38E-6	-1.3884	10.645E-6	
10.00000	44.00000	-8.50000	-11.648	-8.9310	-652.57E-6	-1.4256	10.934E-6	
11.00000	44.00000	-8.50000	-11.880	-8.9310	-675.59E-6	-1.4614	11.207E-6	
12.00000	44.00000	-8.50000	-12.096	-8.9310	-698.84E-6	-1.4957	11.470E-6	
13.00000	44.00000	-8.50000	-12.298	-8.9310	-722.78E-6	-1.5287	11.723E-6	
14.00000	44.00000	-8.50000	-12.485	-8.9310	-747.88E-6	-1.5606	11.967E-6	
15.00000	44.00000	-8.50000	-12.655	-8.9310	-774.56E-6	-1.5913	12.202E-6	
16.00000	44.00000	-8.50000	-12.808	-8.9310	-803.19E-6	-1.6209	12.428E-6	
17.00000	44.00000	-8.50000	-12.944	-8.9310	-834.01E-6	-1.6494	12.646E-6	
18.00000	44.00000	-8.50000	-13.062	-8.9310	-867.01E-6	-1.6766	12.854E-6	
19.00000	44.00000	-8.50000	-13.160	-8.9310	-901.94E-6	-1.7023	13.050E-6	
20.00000	44.00000	-8.50000	-13.237	-8.9310	-938.19E-6	-1.7260	13.231E-6	
21.00000	44.00000	-8.50000	-13.293	-8.9310	-974.83E-6	-1.7473	13.392E-6	
22.00000	44.00000	-8.50000	-13.325	-8.9310	-1011.01E-6	-1.7654	13.530E-6	
23.00000	44.00000	-8.50000	-13.333	-8.9310	-1047.04E-6	-1.7799	13.645E-6	
24.00000	44.00000	-8.50000	-13.314	-8.9310	-1083.07E-6	-1.7899	13.715E-6	
25.00000	44.00000	-8.50000	-13.267	-8.9310	-1119.01E-6	-1.7948	13.752E-6	
26.00000	44.00000	-8.50000	-13.192	-8.9310	-1154.92E-6	-1.7940	13.746E-6	
27.00000	44.00000	-8.50000	-13.087	-8.9310	-1191.82E-6	-1.7872	13.692E-6	
28.00000	44.00000	-8.50000	-12.952	-8.9310	-1228.72E-6	-1.7738	13.589E-6	
29.00000	44.00000	-8.50000	-12.787	-8.9310	-1265.62E-6	-1.7537	13.435E-6	
30.00000	44.00000	-8.50000	-12.593	-8.9310	-1302.52E-6	-1.7268	13.228E-6	
31.00000	44.00000	-8.50000	-12.368	-8.9310	-1339.42E-6	-1.6931	12.971E-6	
32.00000	44.00000	-8.50000	-12.116	-8.9310	-1376.32E-6	-1.6529	12.663E-6	
33.00000	44.00000	-8.50000	-11.838	-8.9310	-1413.22E-6	-1.6064	12.305E-6	
34.00000	44.00000	-8.50000	-11.536	-8.9310	-1450.12E-6	-1.5541	11.906E-6	
35.00000	44.00000	-8.50000	-11.212	-8.9310	-1487.02E-6	-1.4966	11.467E-6	
36.00000	44.00000	-8.50000	-10.869	-8.9310	-1523.92E-6	-1.4347	10.994E-6	
37.00000	44.00000	-8.50000	-10.510	-8.9310	-1560.82E-6	-1.3694	10.495E-6	
38.00000	44.00000	-8.50000	-10.139	-8.9310	-1597.72E-6	-1.3017	9.9771E-6	
39.00000	44.00000	-8.50000	-9.7588	-8.9310	-1634.62E-6	-1.2326	9.4491E-6	
40.00000	44.00000	-8.50000	-9.3732	-8.9310	-1671.52E-6	-1.1633	8.9100E-6	
41.00000	44.00000	-8.50000	-8.9853	-8.9310	-1708.42E-6	-1.0947	8.3942E-6	
42.00000	44.00000	-8.50000	-8.5983	-8.9310	-1745.32E-6	-1.0276	7.8813E-6	
43.00000	44.00000	-8.50000	-8.2149	-8.9310	-1782.22E-6	-0.96285	7.3651E-6	
44.00000	44.00000	-8.50000	-7.8374	-8.9310	-1819.12E-6	-0.90087	6.9114E-6	
45.00000	44.00000	-8.50000	-7.4679	-8.9310	-1856.02E-6	-0.84204	6.4611E-6	
46.00000	44.00000	-8.50000	-7.1079	-8.9310	-1892.92E-6	-0.78659	6.0365E-6	
47.00000	44.00000	-8.50000	-6.7586	-8.9310	-1929.82E-6	-0.73494	5.6382E-6	
48.00000	44.00000	-8.50000	-6.4210	-8.9310	-1966.72E-6	-0.68606	5.2644E-6	
49.00000	44.00000	-8.50000	-6.0957	-8.9310	-2003.62E-6	-0.64007	4.9201E-6	
50.00000	44.00000	-8.50000	-5.7831	-8.9310	-2040.52E-6	-0.59692	4.5968E-6	
51.00000	44.00000	-8.50000	-5.4832	-8.9310	-2077.42E-6	-0.55603	4.3004E-6	
52.00000	44.00000	-8.50000	-5.1923	-8.9310	-2114.32E-6	-0.52402	4.0243E-6	
53.00000	44.00000	-8.50000	-4.9221	-8.9310	-2151.22E-6	-0.49070	3.7687E-6	
54.00000	44.00000	-8.50000	-4.6605	-8.9310	-2188.12E-6	-0.46025	3.5331E-6	
55.00000	44.00000	-8.50000	-4.4112	-8.9310	-2225.02E-6	-0.43134	3.3133E-6	
56.00000	44.00000	-8.50000	-4.1739	-8.9310	-2261.92E-6	-0.40494	3.1107E-6	
57.00000	44.00000	-8.50000	-3.9481	-8.9310	-2298.82E-6	-0.38149	2.9211E-6	
58.00000	44.00000	-8.50000	-3.7335	-8.9310	-2335.72E-6	-0.35785	2.7493E-6	
59.00000	44.00000	-8.50000	-3.5297	-8.9310	-2372.62E-6	-0.33686	2.5881E-6	
60.00000	44.00000	-8.50000	-3.3363	-8.9310	-2409.52E-6	-0.31738	2.4386E-6	
-20.00000	45.00000	-8.50000	-3.1588	-8.9310	-2446.42E-6	-0.29971	2.2977E-6	
-19.00000	45.00000	-8.50000	-3.3131	-8.9310	-2483.32E-6	-0.31467	2.4178E-6	
-18.00000	45.00000	-8.50000	-3.4957	-8.9310	-2520.22E-6	-0.33276	2.5567E-6	
-17.00000	45.00000	-8.50000	-3.6968	-8.9310	-2557.12E-6	-0.35206	2.7049E-6	
-16.00000	45.00000	-8.50000	-3.8866	-8.9310	-2594.02E-6	-0.37264	2.8629E-6	
-15.00000	45.00000	-8.50000	-4.0952	-8.9310	-2630.92E-6	-0.39457	3.0312E-6	
-14.00000	45.00000	-8.50000	-4.3128	-8.9310	-2667.82E-6	-0.41791	3.2103E-6	
-13.00000	45.00000	-8.50000	-4.5492	-8.9310	-2704.72E-6	-0.44392	3.4000E-6	
-12.00000	45.00000	-8.50000	-4.7746	-8.9310	-2741.62E-6	-0.46909	3.6031E-6	
-11.00000	45.00000	-8.50000	-5.0187	-8.9310	-2778.52E-6	-0.49703	3.8174E-6	
-10.00000	45.00000	-8.50000	-5.2713	-8.9310	-2815.42E-6	-0.52657	4.0440E-6	
-9.00000	45.00000	-8.50000	-5.5322	-8.9310	-2852.32E-6	-0.55773	4.2830E-6	
-8.00000	45.00000	-8.50000	-5.8008	-8.9310	-2889.22E-6	-0.59048	4.5342E-6	
-7.00000	45.00000	-8.50000	-6.0766	-8.9310	-2926.12E-6	-0.62480	4.7974E-6	
-6.00000	45.00000	-8.50000	-6.3589	-8.9310	-2963.02E-6	-0.66050	5.0719E-6	
-5.00000	45.00000	-8.50000	-6.6467	-8.9310	-3000.00E-6	-0.69777	5.3569E-6	
-4.00000	45.00000	-8.50000	-6.9393	-8.9310	-3036.90E-6	-0.73616	5.6512E-6	
-3.00000	45.00000	-8.50000	-7.2353	-8.9310	-3073.80E-6	-0.77558	5.9534E-6	
-2.00000	45.00000	-8.50000	-7.5335	-8.9310	-3110.70E-6	-0.81582	6.2618E-6	
-1.00000	45.00000	-8.50000	-7.8327	-8.9310	-3147.60E-6	-0.85663	6.5746E-6	
0.00000	45.00000	-8.50000	-8.1315	-8.9310	-3184.50E-6	-0.89773	6.8896E-6	
1.00000	45.00000	-8.50000	-8.4283	-8.9310	-3221.40E-6	-0.93886	7.2048E-6	
2.00000	45.00000	-8.50000	-8.7217	-8.9310	-3258.30E-6	-0.97973	7.5181E-6	
3.00000	45.00000	-8.50000	-9.0104	-8.9310	-3295.20E-6	-1.02001	7.8274E-6	
4.00000	45.00000	-8.50000	-9.2978	-8.931				

		Job No.	Sheet No.	Rev.				
		J14383						
		Drq. Ref.						
		Made by MP	Date 09-Feb-2015	Checked				
Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	12.00000	47.00000	-8.50000	-9.6313	-8.9310	-376.80E-6	-1.0757	8.2553E-6
	13.00000	47.00000	-8.50000	-9.7797	-8.9310	-388.88E-6	-1.0969	8.4180E-6
	14.00000	47.00000	-8.50000	-9.9155	-8.9310	-401.04E-6	-1.1170	8.5718E-6
	15.00000	47.00000	-8.50000	-10.038	-8.9310	-413.36E-6	-1.1359	8.7165E-6
	16.00000	47.00000	-8.50000	-10.147	-8.9310	-425.85E-6	-1.1535	8.8516E-6
	17.00000	47.00000	-8.50000	-10.242	-8.9310	-438.52E-6	-1.1698	8.9764E-6
	18.00000	47.00000	-8.50000	-10.322	-8.9310	-451.27E-6	-1.1847	9.0900E-6
	19.00000	47.00000	-8.50000	-10.386	-8.9310	-463.97E-6	-1.1979	9.1913E-6
	20.00000	47.00000	-8.50000	-10.433	-8.9310	-476.40E-6	-1.2094	9.2788E-6
	21.00000	47.00000	-8.50000	-10.464	-8.9310	-488.30E-6	-1.2188	9.3510E-6
	22.00000	47.00000	-8.50000	-10.477	-8.9310	-499.33E-6	-1.2261	9.4061E-6
	23.00000	47.00000	-8.50000	-10.478	-8.9310	-509.12E-6	-1.2308	9.4420E-6
	24.00000	47.00000	-8.50000	-10.446	-8.9310	-517.29E-6	-1.2328	9.4571E-6
	25.00000	47.00000	-8.50000	-10.402	-8.9310	-523.48E-6	-1.2319	9.4494E-6
	26.00000	47.00000	-8.50000	-10.338	-8.9310	-527.36E-6	-1.2277	9.4175E-6
	27.00000	47.00000	-8.50000	-10.253	-8.9310	-528.65E-6	-1.2203	9.3600E-6
	28.00000	47.00000	-8.50000	-10.148	-8.9310	-527.11E-6	-1.2093	9.2761E-6
	29.00000	47.00000	-8.50000	-10.023	-8.9310	-522.61E-6	-1.1949	9.1652E-6
	30.00000	47.00000	-8.50000	-9.8777	-8.9310	-515.03E-6	-1.1769	9.0273E-6
	31.00000	47.00000	-8.50000	-9.7135	-8.9310	-504.41E-6	-1.1555	8.8629E-6
	32.00000	47.00000	-8.50000	-9.5311	-8.9310	-490.78E-6	-1.1307	8.6729E-6
	33.00000	47.00000	-8.50000	-9.3315	-8.9310	-474.27E-6	-1.1027	8.4586E-6
	34.00000	47.00000	-8.50000	-9.1159	-8.9310	-455.13E-6	-1.0719	8.2222E-6
	35.00000	47.00000	-8.50000	-8.8858	-8.9310	-433.65E-6	-1.0384	7.9659E-6
	36.00000	47.00000	-8.50000	-8.6431	-8.9310	-410.21E-6	-1.0027	7.6925E-6
	37.00000	47.00000	-8.50000	-8.3894	-8.9310	-385.27E-6	-0.9622	7.4052E-6
	38.00000	47.00000	-8.50000	-8.1267	-8.9310	-359.31E-6	-0.92634	7.1074E-6
	39.00000	47.00000	-8.50000	-7.8569	-8.9310	-332.85E-6	-0.88653	6.8025E-6
	40.00000	47.00000	-8.50000	-7.5821	-8.9310	-306.40E-6	-0.84626	6.4941E-6
	41.00000	47.00000	-8.50000	-7.3042	-8.9310	-280.42E-6	-0.80596	6.1853E-6
	42.00000	47.00000	-8.50000	-7.0249	-8.9310	-255.33E-6	-0.76601	5.8792E-6
	43.00000	47.00000	-8.50000	-6.7461	-8.9310	-231.45E-6	-0.72676	5.5785E-6
	44.00000	47.00000	-8.50000	-6.4632	-8.9310	-209.01E-6	-0.68852	5.2845E-6
	45.00000	47.00000	-8.50000	-6.1856	-8.9310	-188.18E-6	-0.65151	5.0017E-6
	46.00000	47.00000	-8.50000	-5.9266	-8.9310	-169.02E-6	-0.61591	4.7289E-6
	47.00000	47.00000	-8.50000	-5.6630	-8.9310	-151.55E-6	-0.58185	4.4677E-6
	48.00000	47.00000	-8.50000	-5.4058	-8.9310	-135.73E-6	-0.54958	4.2189E-6
	49.00000	47.00000	-8.50000	-5.1556	-8.9310	-121.49E-6	-0.51862	3.9828E-6
	50.00000	47.00000	-8.50000	-4.9130	-8.9310	-108.72E-6	-0.48949	3.7594E-6
	51.00000	47.00000	-8.50000	-4.6782	-8.9310	-97.308E-6	-0.46200	3.5485E-6
	52.00000	47.00000	-8.50000	-4.4516	-8.9310	-87.137E-6	-0.43611	3.3499E-6
	53.00000	47.00000	-8.50000	-4.2333	-8.9310	-78.088E-6	-0.41177	3.1631E-6
	54.00000	47.00000	-8.50000	-4.0233	-8.9310	-70.044E-6	-0.38891	2.9876E-6
	55.00000	47.00000	-8.50000	-3.8218	-8.9310	-62.899E-6	-0.36745	2.8230E-6
	56.00000	47.00000	-8.50000	-3.6286	-8.9310	-56.552E-6	-0.34734	2.6686E-6
	57.00000	47.00000	-8.50000	-3.4436	-8.9310	-50.912E-6	-0.32848	2.5238E-6
	58.00000	47.00000	-8.50000	-3.2666	-8.9310	-45.898E-6	-0.31081	2.3892E-6
	59.00000	47.00000	-8.50000	-3.0975	-8.9310	-41.438E-6	-0.29425	2.2610E-6
	60.00000	47.00000	-8.50000	-2.9361	-8.9310	-37.465E-6	-0.27873	2.1418E-6
	-20.00000	48.00000	-8.50000	-2.7467	-8.9310	-32.694E-6	-0.26035	2.0007E-6
	-19.00000	48.00000	-8.50000	-2.5813	-8.9310	-28.712E-6	-0.24376	1.8790E-6
	-18.00000	48.00000	-8.50000	-2.4319	-8.9310	-25.250E-6	-0.22874	1.7212E-6
	-17.00000	48.00000	-8.50000	-2.3197	-8.9310	-43.038E-6	-0.30291	2.3276E-6
	-16.00000	48.00000	-8.50000	-2.2368	-8.9310	-47.207E-6	-0.31872	2.4488E-6
	-15.00000	48.00000	-8.50000	-2.3310	-8.9310	-51.791E-6	-0.33538	2.5769E-6
	-14.00000	48.00000	-8.50000	-3.7065	-8.9310	-56.823E-6	-0.35293	2.7116E-6
	-13.00000	48.00000	-8.50000	-3.8881	-8.9310	-62.334E-6	-0.37138	2.8533E-6
	-12.00000	48.00000	-8.50000	-4.0751	-8.9310	-68.356E-6	-0.39075	3.0018E-6
	-11.00000	48.00000	-8.50000	-4.2691	-8.9310	-74.915E-6	-0.41104	3.1577E-6
	-10.00000	48.00000	-8.50000	-4.4680	-8.9310	-82.034E-6	-0.43225	3.3204E-6
	-9.00000	48.00000	-8.50000	-4.6721	-8.9310	-89.729E-6	-0.45436	3.4907E-6
	-8.00000	48.00000	-8.50000	-4.8811	-8.9310	-98.006E-6	-0.47733	3.6664E-6
	-7.00000	48.00000	-8.50000	-5.0944	-8.9310	-106.86E-6	-0.50113	3.8490E-6
	-6.00000	48.00000	-8.50000	-5.3118	-8.9310	-116.29E-6	-0.52670	4.0375E-6
	-5.00000	48.00000	-8.50000	-5.5318	-8.9310	-126.23E-6	-0.55096	4.2313E-6
	-4.00000	48.00000	-8.50000	-5.7545	-8.9310	-136.66E-6	-0.57681	4.4297E-6
	-3.00000	48.00000	-8.50000	-5.9789	-8.9310	-147.53E-6	-0.60315	4.6318E-6
	-2.00000	48.00000	-8.50000	-6.2041	-8.9310	-158.74E-6	-0.62887	4.8367E-6
	-1.00000	48.00000	-8.50000	-6.4293	-8.9310	-170.23E-6	-0.65682	5.0435E-6
	0.00000	48.00000	-8.50000	-6.6536	-8.9310	-181.90E-6	-0.68388	5.2510E-6
	1.00000	48.00000	-8.50000	-6.8760	-8.9310	-193.66E-6	-0.71157	5.4591E-6
	2.00000	48.00000	-8.50000	-7.0955	-8.9310	-205.42E-6	-0.73774	5.6641E-6
	3.00000	48.00000	-8.50000	-7.3112	-8.9310	-217.09E-6	-0.76426	5.8676E-6
	4.00000	48.00000	-8.50000	-7.5223	-8.9310	-228.61E-6	-0.79034	6.0676E-6
	5.00000	48.00000	-8.50000	-7.7277	-8.9310	-239.93E-6	-0.81667	6.2644E-6
	6.00000	48.00000	-8.50000	-7.9267	-8.9310	-250.99E-6	-0.84072	6.4540E-6
	7.00000	48.00000	-8.50000	-8.1185	-8.9310	-261.79E-6	-0.86482	6.6389E-6
	8.00000	48.00000	-8.50000	-8.3022	-8.9310	-272.33E-6	-0.88810	6.8174E-6
	9.00000	48.00000	-8.50000	-8.4773	-8.9310	-282.62E-6	-0.91049	6.9891E-6
	10.00000	48.00000	-8.50000	-8.6430	-8.9310	-292.70E-6	-0.93194	7.1536E-6
	11.00000	48.00000	-8.50000	-8.7987	-8.9310	-302.60E-6	-0.95242	7.3106E-6
	12.00000	48.00000	-8.50000	-8.9438	-8.9310	-312.30E-6	-0.97188	7.4606E-6
	13.00000	48.00000	-8.50000	-9.0780	-8.9310	-322.10E-6	-0.99029	7.6010E-6
	14.00000	48.00000	-8.50000	-9.2005	-8.9310	-331.79E-6	-1.0076	7.7338E-6
	15.00000	48.00000	-8.50000	-9.3128	-8.9310	-341.47E-6	-1.0238	7.8591E-6
	16.00000	48.00000	-8.50000	-9.4084	-8.9310	-351.16E-6	-1.0388	7.9727E-6
	17.00000	48.00000	-8.50000	-9.4927	-8.9310	-360.82E-6	-1.0525	8.0777E-6
	18.00000	48.00000	-8.50000	-9.5631	-8.9310	-370.38E-6	-1.0648	8.1721E-6
	19.00000	48.00000	-8.50000	-9.6191	-8.9310	-379.75E-6	-1.0757	8.2553E-6
	20.00000	48.00000	-8.50000	-9.6601	-8.9310	-388.76E-6	-1.0849	8.3251E-6
	21.00000	48.00000	-8.50000	-9.6854	-8.9310	-397.22E-6	-1.0922	8.3814E-6
	22.00000	48.00000	-8.50000	-9.6945	-8.9310	-404.92E-6	-1.0976	8.4233E-6
	23.00000	48.00000	-8.50000	-9.6869	-8.9310	-411.60E-6	-1.1008	8.4466E-6
	24.00000	48.00000	-8.50000	-9.6621	-8.9310	-417.01E-6	-1.1016	8.4529E-6
	25.00000	48.00000	-8.50000	-9.6196	-8.9310	-420.91E-6	-1.1000	8.4399E-6
	26.00000	48.00000	-8.50000	-9.5693	-8.9310	-423.07E-6	-1.0956	8.4177E-6
	27.00000	48.00000	-8.50000	-9.4810	-8.9310	-423.30E-6	-1.0885	8.3516E-6
	28.00000	48.00000	-8.50000	-9.3847	-8.9310	-421.46E-6	-1.0785	8.2749E-6
	29.00000	48.00000	-8.50000	-9.2705	-8.9310	-417.43E-6	-1.0656	8.1760E-6
	30.00000	48.00000	-8.50000	-9.1389	-8.9310	-411.16E-6	-1.0498	8.0549E-6
	31.00000	48.00000	-8.50000	-8.9905	-8.9310	-402.65E-6	-1.0312	7.9121E-6
	32.00000	48.00000	-8.50000	-8.8260	-8.9310	-391.99E-6	-1.0099	7.7483E-6
	33.00000	48.00000	-8.50000	-8.6463	-8.9310	-379.13E-6	-0.98593	7.5648E-6
	34.00000	48.00000	-8.50000	-8.4526	-8.9310	-364.51E-6	-0.95963	7.3632E-6
	35.00000	48.00000	-8.50000	-8.2461	-8.9310	-348.14E-6	-0.93120	7.1453E-6
	36.00000	48.00000	-8.50000	-8.0283	-8.9310	-330.36E-6	-0.90093	6.9134E-6
	37.00000	48.00000	-8.50000	-7.8008	-8.9310	-311.46E-6	-0.86916	6.6699E-6
	38.00000	48.00000	-8.50000	-7.5651	-8.9310	-291.81E-6	-0.83621	6.4174E-6
	39.00000	48.00000	-8.50000	-7.3229	-8.9310	-271.75E-6	-0.80245	6.1587E-6
	40.00000	48.00000	-8.50000	-7.0759	-8.9310	-251.63E-6	-0.76823	

Total Heave

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

Combined Movements

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

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

Vertical Ground Movement Curves

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

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

Curve Name: Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.039][0.100,0.000,0.049][0.200,0.000,0.056][0.300,0.000,0.062][0.400,0.000,0.067][0.500,0.000,0.070][0.600,0.000,0.072][0.700,0.000,0.073][0.800,0.000,0.073][0.900,0.000,0.072][1.000,0.000,0.070][1.100,0.000,0.068][1.200,0.000,0.065][1.300,0.000,0.061][1.400,0.000,0.058][1.500,0.000,0.054][1.600,0.000,0.050][1.700,0.000,0.046][1.800,0.000,0.042][1.900,0.000,0.038][2.000,0.000,0.034][2.100,0.000,0.030][2.200,0.000,0.027][2.300,0.000,0.023][2.400,0.000,0.020][2.500,0.000,0.017][2.600,0.000,0.014][2.700,0.000,0.012][2.800,0.000,0.010][2.900,0.000,0.008][3.000,0.000,0.007][3.100,0.000,0.005][3.200,0.000,0.004][3.300,0.000,0.004][3.400,0.000,0.003][3.500,0.000,0.002][3.600,0.000,0.002][3.700,0.000,0.002][3.800,0.000,0.001][3.900,0.000,0.001][4.000,0.000,0.000]
Curve Fitting Method: Polynomial
x Order: 4
y Order: 0
Polynomial: z = -2.6455E-3x⁴ + 2.8495E-2x³ - 1.0051E-1x² + 1.0569E-1x + 3.8990E-2
Coeff. of 9.9991E-1
Determination:

Horizontal Ground Movement Curves

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

Curve Name: Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.041][0.050,0.000,0.039][0.100,0.000,0.036][0.150,0.000,0.034][0.200,0.000,0.032][0.250,0.000,0.030][0.300,0.000,0.029][0.350,0.000,0.027][0.400,0.000,0.025][0.450,0.000,0.023][0.500,0.000,0.022][0.550,0.000,0.020][0.600,0.000,0.018][0.650,0.000,0.018][0.700,0.000,0.016][0.750,0.000,0.015][0.800,0.000,0.014][0.850,0.000,0.013][0.900,0.000,0.012][0.950,0.000,0.010][1.000,0.000,0.009][1.050,0.000,0.008][1.100,0.000,0.007][1.150,0.000,0.006][1.200,0.000,0.005][1.250,0.000,0.004][1.300,0.000,0.004][1.350,0.000,0.003][1.400,0.000,0.002][1.450,0.000,0.001][1.500,0.000,0.000]
Curve Fitting Method: Polynomial
x Order: 3
y Order: 0
Polynomial: z = -4.2486E-3x³ + 1.9096E-2x² - 4.6221E-2x + 4.0729E-2
Coeff. of 1.0000
Determination:

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

Polygonal Excavations

Excavation Name: No 73 (Area 1)



73-75 Avenue Road

Combined Movements

Type	Name	Direction of extrusion	Point/Line/Line for extrusion	No. of intervals across extrusion/line	Extrusion depth	No. of intervals along extrusion	Calculate Surface type for tunnels
Surface level [m]:		0.0					
Contribution:		Positive					
Enabled:		Yes					
Surface movement curves which are selected are applied between surface and [m]:		-12.000					
Corner	x	y	Base Level	Stiffened	Previous Side d p1 p2*	Next Side d p1 p2*	
	[m]	[m]	[m]		[m] [%] [%]	[m] [%] [%]	
1	2.0000	0.0	-8.5000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
2	38.000	0.0	-8.5000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
3	38.000	16.000	-8.5000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
4	2.0000	16.000	-8.5000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
Side	Corner 1 x y	Corner 2 x y	Vertical	Ground Movement Curve	Horizontal		
1	2.0000 0.0	38.000 16.000	0.0	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))		
2	38.000 0.0	38.000 16.000	16.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))		
3	38.000 16.000	2.0000 16.000	16.000	No vertical ground movement	No horizontal ground movement		
4	2.0000 16.000	2.0000 16.000	0.0	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))		
Excavation Name:			No 75 (Area 2)				
Surface level [m]:			0.0				
Contribution:			Positive				
Enabled:			Yes				
Surface movement curves which are selected are applied between surface and [m]:			-12.000				
Corner	x	y	Base Level	Stiffened	Previous Side d p1 p2*	Next Side d p1 p2*	
	[m]	[m]	[m]		[m] [%] [%]	[m] [%] [%]	
1	0.0	16.000	-8.5000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
2	22.000	16.000	-8.5000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
3	22.000	29.000	-8.5000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
4	0.0	29.000	-8.5000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
Side	Corner 1 x y	Corner 2 x y	Vertical	Ground Movement Curve	Horizontal		
1	0.0 16.000	22.000 16.000	16.000	No vertical ground movement	No horizontal ground movement		
2	22.000 16.000	22.000 29.000	29.000	No vertical ground movement	No horizontal ground movement		
3	22.000 29.000	0.0 29.000	29.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))		
4	0.0 29.000	0.0 16.000	16.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))		
Excavation Name:			No 75 (Area 3)				
Surface level [m]:			0.0				
Contribution:			Positive				
Enabled:			Yes				
Surface movement curves which are selected are applied between surface and [m]:			-12.000				
Corner	x	y	Base Level	Stiffened	Previous Side d p1 p2*	Next Side d p1 p2*	
	[m]	[m]	[m]		[m] [%] [%]	[m] [%] [%]	
1	22.000	16.000	-8.5000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
2	38.000	16.000	-8.5000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
3	38.000	32.000	-8.5000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
4	0.0	29.000	-8.5000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
Side	Corner 1 x y	Corner 2 x y	Vertical	Ground Movement Curve	Horizontal		
1	22.000 16.000	38.000 16.000	16.000	No vertical ground movement	No horizontal ground movement		
2	38.000 16.000	38.000 32.000	32.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))		
3	38.000 32.000	0.0 29.000	29.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))		
4	0.0 29.000	22.000 16.000	16.000	No vertical ground movement	No horizontal ground movement		
Excavation Name:			No 73 (Area 1) - Pile Installation				
Surface level [m]:			0.0				
Contribution:			Positive				
Enabled:			Yes				
Surface movement curves which are selected are applied between surface and [m]:			-12.000				
Corner	x	y	Base Level	Stiffened	Previous Side d p1 p2*	Next Side d p1 p2*	
	[m]	[m]	[m]		[m] [%] [%]	[m] [%] [%]	
1	2.0000	0.0	-12.000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
2	38.000	0.0	-12.000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
3	38.000	16.000	-12.000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
4	2.0000	16.000	-12.000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
Side	Corner 1 x y	Corner 2 x y	Vertical	Ground Movement Curve	Horizontal		
1	2.0000 0.0	38.000 16.000	0.0	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))		
2	38.000 0.0	38.000 16.000	16.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))		
3	38.000 16.000	2.0000 16.000	16.000	No vertical ground movement	No horizontal ground movement		
4	2.0000 16.000	2.0000 16.000	0.0	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))		
Excavation Name:			No 75 (Area 2) - Pile Installation				
Surface level [m]:			0.0				
Contribution:			Positive				
Enabled:			Yes				
Surface movement curves which are selected are applied between surface and [m]:			-12.000				
Corner	x	y	Base Level	Stiffened	Previous Side d p1 p2*	Next Side d p1 p2*	
	[m]	[m]	[m]		[m] [%] [%]	[m] [%] [%]	
1	0.0	16.000	-12.000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
2	22.000	16.000	-12.000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
3	22.000	29.000	-12.000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
4	0.0	29.000	-12.000	Yes	0.0 67.000 25.000	0.0 67.000 25.000	
Side	Corner 1 x y	Corner 2 x y	Vertical	Ground Movement Curve	Horizontal		
1	0.0 16.000	22.000 16.000	16.000	No vertical ground movement	No horizontal ground movement		



73-75 Avenue Road

Combined Movements

Side	Corner 1		Corner 2		Vertical	Ground Movement Curve		Horizontal	
	x [m]	y [m]	x [m]	y [m]		d	p1 p2*		
2	22.000	16.000	22.000	29.000	No vertical ground movement	No horizontal ground movement			
3	22.000	29.000	0.0	29.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))			
4	0.0	29.000	0.0	16.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))			
Excavation Name: No 75 (Area 3) - Pile Installation									
Surface Level [m]:				0.0					
Contribution:				Positive					
Enabled:				Yes					
Surface movement curves which are selected are applied between surface and [m]:				-12.000					
Corner	x	y	Base Level	Stiffened	Previous Side d p1 p2*	Next Side d p1 p2*			
	[m]	[m]	[m]		[m] [%] [%]	[m]	[%] [%]		
1	22.000	16.000	-12.000	Yes	0.0 67.000 25.000	0.0	67.000 25.000		
2	38.000	16.000	-12.000	Yes	0.0 67.000 25.000	0.0	67.000 25.000		
3	38.000	32.000	-12.000	Yes	0.0 67.000 25.000	0.0	67.000 25.000		
4	22.000	32.000	-12.000	Yes	0.0 67.000 25.000	0.0	67.000 25.000		
Side	Corner 1		Corner 2		Vertical	Ground Movement Curve		Horizontal	
	x [m]	y [m]	x [m]	y [m]		d	p1 p2*		
1	22.000	16.000	38.000	16.000	No vertical ground movement	No horizontal ground movement			
2	38.000	16.000	38.000	32.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))			
3	38.000	32.000	22.000	32.000	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(b))	Installation of contiguous bored pile wall in stiff clay (CIRIA 580 Fig. 2.8(a))			
4	22.000	32.000	22.000	16.000	No vertical ground movement	No horizontal ground movement			
Damage Category Strains									
Name		0 (Negligible) to 1 (Very Slight)		1 (Very Slight) to 2 (Slight)		2 (Slight) to 3 (Moderate)		3 (Moderate) to 4 (Severe)	
Burland Strain Limits		0.0		500.00E-6		750.00E-6		0.0015000	
Specific Structures - Geometry									
Structure Name	Sub-Structure Name	Displacement Line	Start Distance Along Line	End Distance Along Line	Vertical Offsets from Line for Vertical Movement Calculations	Vertical Displacement Limit Sensitivity	Damage Category Strains	Poisson's Ratio	E/G
Western Boundary Wall (1)	Boundary Wall (1)	Line 1	[m]	[m]	[m]	[mm]			
Northern Boundary Wall (2)	Boundary Wall (2)	Line 2	0.00000	39.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
Eastern Boundary Wall (3)	Boundary Wall (3)	Line 3	0.00000	55.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
Eastern Boundary Wall (4)	Boundary Wall (4)	Line 4	0.00000	13.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
Southern Boundary Wall (5)	Boundary Wall (5)	Line 5	0.00000	19.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
38 Queens Grove elevation (6)	Eastern elevation (7)	Line 6	0.00000	58.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
38 Queens Grove Southern elevation (8)	extension - South (9)	Line 7	0.00000	12.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road Extension - West (10)	extension - East (11)	Line 8	0.00000	44.50000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road Extension - Southern elevation (12)	Western elevation (13)	Line 9	0.00000	5.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road Eastern elevation - lower (14)	Eastern elevation - mid (15)	Line 10	0.00000	3.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
77 Avenue Road Eastern elevation - upper (16)		Line 11	0.00000	12.50000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
		Line 12	0.00000	9.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
		Line 13	0.00000	3.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
		Line 14	0.00000	3.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
		Line 15	0.00000	3.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
		Line 16	0.00000	5.00000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
Specific Structures - Bending Parameters									
Structure Name	Sub-Structure Name	Height	Default Properties	Hogging		Sagging		Distance of N.A. from Edge of Beam in Tension	Distance of N.A. from Edge of Beam in Tension
				2nd Moment of Area (per unit width)	Distance of Bending Strain from N.A.	2nd Moment of Area (per unit width)	Distance of Bending Strain from N.A.		
Western Boundary Wall (1)	Boundary Wall (1)	[m]		[m³]	[m]	[m]	[m³]	[m]	[m]
Northern Boundary Wall (2)	Boundary Wall (2)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
Eastern Boundary Wall (3)	Boundary Wall (3)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
Eastern Boundary Wall (4)	Boundary Wall (4)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
Southern Boundary Wall (5)	Boundary Wall (5)	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000
38 Queens Grove elevation (6)	Eastern elevation (7)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
38 Queens Grove Southern elevation (8)	extension - South (9)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
77 Avenue Road Extension - West (10)	extension - East (11)	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000
77 Avenue Road Eastern elevation (12)	Western elevation (13)	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000
77 Avenue Road Eastern elevation - lower (14)	Eastern elevation - mid (15)	10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000
77 Avenue Road Eastern elevation - upper (16)		10.000	Yes	333.33	10.000	10.000	83.333	5.0000	5.0000

Combined Movements

Structure Name		Sub-Structure Name		Height	Default Properties		Hogging		Sagging			
							2nd Moment of Area	Distance of Bending	Distance of N.A.	2nd Moment of Area	Distance of Bending	Distance of N.A.
Building Segment Combinations												
Structure Name	Sub-Structure Name	Vertical Offset from Line for Vertical Movement Calculations	Segment Start	Length	Curvature	Combined Segment						
							[m]	[m]	[m]			
No structures have segments combined.												
Warnings												
1	Multiple excavations have been specified. The displacements resulting from these excavations are calculated by summing the displacements resulting from each individual excavation. No account has been taken of the interactions between excavations (e.g. overlapping zones of influence or 'shielding' of one excavation by another).											
2	Embedded Wall Excavation PE1 : No 73 (Area 1) intersects PE2 : No 75 (Area 2), , PE3 : No 75 (Area 3), , PE5 : No 75 (Area 3) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.											
3	Embedded Wall Excavation PE2 : No 75 (Area 2) intersects PE1 : No 73 (Area 1), , PE3 : No 75 (Area 3), , PE4 : No 73 (Area 1) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.											
4	Embedded Wall Excavation PE3 : No 75 (Area 3) intersects PE1 : No 73 (Area 1), , PE2 : No 75 (Area 2), , PE4 : No 73 (Area 1) - Pile Installation, , PE5 : No 75 (Area 2) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.											
5	Embedded Wall Excavation PE4 : No 73 (Area 1) - Pile Installation intersects PE2 : No 75 (Area 2), , PE3 : No 75 (Area 3), , PE5 : No 75 (Area 2) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.											
6	Embedded Wall Excavation PE5 : No 75 (Area 2) - Pile Installation intersects PE1 : No 73 (Area 1), , PE3 : No 75 (Area 3), , PE4 : No 73 (Area 1) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.											
7	Embedded Wall Excavation PE6 : No 75 (Area 3) - Pile Installation intersects PE1 : No 73 (Area 1), , PE2 : No 75 (Area 2), , PE3 : No 75 (Area 3), , PE4 : No 73 (Area 1) - Pile Installation, and PE5 : No 75 (Area 2) - Pile Installation.											
Displacement and Strain Results												
Type/No.		Coordinates			Displacements			Angle of Line				
Name	Dist.	x	y	z	x	y	z	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	to x Axis		
								[mm]	[mm]	[°]		
Line 1	Line 1	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]		
2.0541	-8.50000	-6.00000	-1.00000	4.6767	3.0056	4.1495	2.8236	-4.7888	92.203			
4.1083	-8.57895	-3.94737	-1.00000	5.6708	2.5753	4.7882	2.3555	-5.7656	92.203			
6.1624	-8.73684	0.15789	-1.00000	10.580	0.83805	8.5792	0.43081	-10.604	92.203			
8.2166	-8.81579	2.21053	-1.00000	10.744	8.7955	0.63955	-10.777	-10.777	92.203			
10.271	-8.89474	4.26316	-1.00000	10.998	1.2861	9.0769	0.86241	-11.039	92.203			
12.325	-8.97368	6.31579	-1.00000	11.380	1.5144	9.4322	1.0759	-11.430	92.203			
14.379	-9.05263	8.36842	-1.00000	12.068	1.8025	10.004	1.3374	-12.128	92.203			
16.433	-9.13158	10.42105	-1.00000	13.142	1.9914	10.798	1.4848	-13.209	92.203			
18.487	-9.21053	12.47368	-1.00000	14.553	1.8059	11.741	1.2453	-14.612	92.203			
20.541	-9.28947	14.52632	-1.00000	16.121	1.0180	12.774	0.39763	-16.148	92.203			
22.596	-9.36842	16.57895	-1.00000	17.233	-0.27035	13.617	-0.93248	-17.210	92.203			
24.650	-9.44737	18.63158	-1.00000	16.075	-1.0838	12.788	-1.7008	-16.022	92.203			
26.704	-9.52632	20.68421	-1.00000	14.915	-1.4614	11.978	-2.0335	-14.847	92.203			
28.758	-9.60526	22.73684	-1.00000	13.929	-1.5063	11.254	-2.0406	-13.861	92.203			
30.812	-9.68421	24.78947	-1.00000	13.190	-1.3699	10.649	-1.8759	-13.128	92.203			
32.866	-9.76316	26.84211	-1.00000	12.682	-1.1866	10.169	-1.6732	-12.627	92.203			
34.921	-9.84211	28.89474	-1.00000	12.378	-1.0851	9.8384	-1.5600	-12.327	92.203			
36.975	-9.92105	30.94737	-1.00000	8.0475	-2.3682	6.4098	-2.6757	-7.9506	92.203			
39.029	-10.00000	33.00000	-1.00000	7.0163	-3.3740	5.7431	-3.6411	-6.8815	92.203			
41.083	-10.00000	33.00000	-1.00000	7.0163	-3.3740	5.7431	-3.3740	0.0	0.0			
43.137	-7.96296	33.00000	-1.00000	7.2494	-4.1922	6.2743	-4.1922	0.0	0.0			
45.191	-5.92593	33.00000	-1.00000	7.0909	-5.2794	6.4056	-7.0909	-5.2794	0.0			
47.245	-3.88889	33.00000	-1.00000	6.1860	-6.7507	6.4121	6.1860	-6.7507	0.0			
49.299	-1.85185	33.00000	-1.00000	4.5475	-10.046	7.2906	4.5475	-10.046	0.0			
51.353	0.18519	33.00000	-1.00000	25.968	15.924	0.90956	25.968	0.0	0.0			
53.407	2.22222	33.00000	-1.00000	0.89093	-25.809	15.739	0.89093	-25.809	0.0			
55.461	4.25926	33.00000	-1.00000	0.89644	-25.869	15.695	0.89644	-25.869	0.0			
57.515	6.29630	33.00000	-1.00000	0.90858	-25.930	15.649	0.90858	-25.930	0.0			
59.569	8.33333	33.00000	-1.00000	0.92327	-25.991	15.603	0.92327	-25.991	0.0			
61.623	10.37037	33.00000	-1.00000	0.94226	-26.052	15.557	0.94226	-26.052	0.0			
63.677	12.40741	33.00000	-1.00000	0.96869	-26.115	15.515	0.96869	-26.115	0.0			
65.731	14.44444	33.00000	-1.00000	1.00889	-26.181	15.483	1.00889	-26.181	0.0			
67.785	16.48148	33.00000	-1.00000	1.0781	-26.257	15.478	1.0781	-26.257	0.0			
69.839	18.51852	33.00000	-1.00000	1.2204	-26.373	15.548	1.2204	-26.373	0.0			
71.893	20.55556	33.00000	-1.00000	1.5869	-26.801	15.555	1.5869	-26.801	0.0			
73.947	22.59259	33.00000	-1.00000	-0.31771	-24.803	15.565	-0.31771	-24.803	0.0			
76.001	24.62963	33.00000	-1.00000	-1.8105	-20.574	13.177	-1.8105	-20.574	0.0			
78.055	26.66667	33.00000	-1.00000	-1.2828	-18.357	11.718	-1.2828	-18.357	0.0			
80.109	28.70370	33.00000	-1.00000	-0.80211	-17.552	11.003	-0.80211	-17.552	0.0			
82.163	30.74074	33.00000	-1.00000	-0.38419	-17.179	10.465	-0.38419	-17.179	0.0			
84.217	32.77778	33.00000	-1.00000	-0.063364	-17.006	10.036	-0.063364	-17.006	0.0			
86.271	34.81481	33.00000	-1.00000	0.18041	-16.930	9.6776	0.18041	-16.930	0.0			
88.325	36.85185	33.00000	-1.00000	0.36884	-16.907	9.3691	0.36884	-16.907	0.0			
90.379	38.88889	33.00000	-1.00000	-5.8227	-6.2460	4.8635	-5.8227	-6.2460	0.0			
92.433	40.92593	33.00000	-1.00000	-8.7287	-3.2596	6.1070	-8.7287	-3.2596	0.0			
94.487	42.96296	33.00000	-1.00000	-8.5845	-2.2302	6.4969	-8.5845	-2.2302	0.0			
96.541	45.00000	33.00000	-1.00000	-8.0394	-1.7888	6.4069	-8.0394	-1.7888	0.0			
98.595	46.00000	29.00000	-1.00000	-12.499	-1.1241	10.181	-12.499	270.00	0.0			
100.649	46.00000	26.83333	-1.00000	-12.833	-1.3890	10.546	-12.833	270.00	0.0			
102.703	46.00000	24.66667	-1.00000	-13.335	-1.6550	11.003	-13.335	270.00	0.0			
104.757	46.00000	22.50000	-1.00000	-14.264	-1.9963	11.752	-14.264	270.00	0.0			
106.811	46.00000	20.33333	-1.00000	-15.761	-2.1416	12.804	-15.761	270.00	0.0			
108.865	46.00000	18.16667	-1.00000	-17.737	-1.6061	14.074	-17.737	270.00	0.0			
110.919	46.00000	16.00000	-1.00000	-15.822	0.0	12.388	0.0	270.00	0.0			
112.973	46.00000	13.00000	-1.00000	-16.939	1.9243	13.565	-4.9611	-16.939	280.44			
115.027	46.00000	10.88889	-1.00000	-14.998	2.0949	12.289	-4.7774	-14.998	280.44			
117.081	46.77778	8.77778	-1.00000	-13.586	1.8685	11.246	-4.2989	-13.023	280.44			
119.135	47.16667	6.66667	-1.00000	-12.588	1.5424	10.412	-3.7973	-12.100	280.44			
121.189	47.55556	4.55556	-1.00000	-11.928	1.3114	9.8167	-3.4506	-11.493	280.44			
123.243	47.94444	2.44444	-1.00000	-11.389	1.0815	9.2862	-3.1269	-11.004	280.44			
125.297	48.33333	0.33333	-1.00000	-10.944	0.88500	8.8117	-2.8529	-10.602	280.44			
127.351	48.72222	-1.77778	-1.00000	-6.7263	1.7762	5.4114	-2.9654	-6.2933	280.44			
129.405	49.11111	-3.88889	-1.00000	-5.6902	2.4707	4.6424	-3.4606	-5.4884	280.44			
131.459	49.50000	-6.00000	-1.00000	-4.6653	2.7741	3.9057	-3.5734	-4.0856	280.44			
133.513	-8.50000	-6.00000	-1.00000	4.6767	3.0056	4.1495	4.6767	3.0056	0.0			
135.567	-6.50000	-6.00000	-1.00000	4.6333	3.5585	4.4978	4.6333	3.5585	0.0			
137.621	-4.50000	-6.00000	-1.00000	4.1615	4.6235	4.2690	4.1615	4.6235	0.0			
139.675	-2.50000	-6.00000	-1.00000	3.8803	5.3088	5.0548	3.8803	5.3088	0.0			
141.729	-0.50000	-6.00000	-1.00000	2.8756	6.9321	5.6788	2.8756	6.9321	0.0			
143.783	1.50000	-6.00000	-1.00000	0.70981	8.5178	6.3840	0.70981	8.5178	0.0			
145.837	3.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
147.891	5.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
149.945	7.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
151.999	9.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
154.053	11.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
156.107	13.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
158.161	15.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
160.215	17.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
162.269	19.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
164.323	21.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
166.377	23.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
168.431	25.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
170.485	27.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
172.539	29.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
174.593	31.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
176.647	33.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
178.701	35.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
180.755	37.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0			
18200.												

Combined Movements

Dist.	Coordinates			Displacements	
	x	y	z		
[m]	[m]	[m]	[m]	[m]	[mm]
18.333	8.33333	33.00000	-1.00000	15.603	
20.370	10.37037	33.00000	-1.00000	15.597	
22.407	12.40741	33.00000	-1.00000	15.515	
24.444	14.44444	33.00000	-1.00000	15.483	
26.481	16.48148	33.00000	-1.00000	15.478	
28.519	18.51852	33.00000	-1.00000	15.548	
30.556	20.55556	33.00000	-1.00000	15.955	
32.593	22.59259	33.00000	-1.00000	15.565	
34.630	24.62963	33.00000	-1.00000	13.177	
36.667	26.66667	33.00000	-1.00000	11.718	
38.704	28.70370	33.00000	-1.00000	11.003	
40.741	30.74074	33.00000	-1.00000	10.465	
42.778	32.77778	33.00000	-1.00000	10.036	
44.815	34.81481	33.00000	-1.00000	9.6776	
46.852	36.85185	33.00000	-1.00000	9.3691	
48.889	38.88889	33.00000	-1.00000	4.8635	
50.926	40.92593	33.00000	-1.00000	6.1070	
52.963	42.96296	33.00000	-1.00000	6.4969	
55.000	45.00000	33.00000	-1.00000	6.4069	

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Combined Movements

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Specific Building Damage Results - All Segments

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

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m]		[m]	[m]		[%]		[%]			[m]	
0.0	1	0.0	1.0614	None	0.0	-0.022788	0.0045576	227.93E-6	-310.99E-6	6327.0	0 (Negligible)
	2	1.0614	3.8552	Hogging	0.020513	-0.038307	0.014213	541.38E-6	-0.0015460	6773.4	0 (Negligible)
	3	4.9166	5.0771	Sagging	0.026134	-0.0053691	0.033863	541.38E-6	-0.0015460	5137.8	0 (Negligible)
	4	9.9936	8.6304	Hogging	0.0051153	0.0041313	0.011527	412.82E-6	-502.79E-6	20882.0	0 (Negligible)

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Combined Movements

Structure: Eastern Boundary Wall Sub-structure: Boundary Wall (3)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.073475	[%] -0.15289	778.62E-6 -0.0042460	[mm] 15.950	[%] 0.071096	[mm] 0.0030488	[mm] -0.0042460	[m] 1766.6	[m] 1702.6	1 (Very Slight)
Structure: Eastern Boundary Wall Sub-structure: Boundary Wall (4)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.030939	[%] -0.035410	778.62E-6 778.62E-6	[mm] 14.068	[%] 0.018911	[mm] 741.82E-6	[mm] 778.62E-6	[m] 16832.	[m] 1250.9	0 (Negligible)
Structure: Eastern Boundary Wall Sub-structure: Boundary Wall (5)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.024030	[%] 0.017511	0.0015841 0.0015841	[mm] 13.565	[%] 0.045591	[mm] -233.63E-6	[mm] 0.0015841	[m] 7292.8	[m] 5840.4	0 (Negligible)
Structure: Southern Boundary Wall Sub-structure: Boundary Wall (6)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.034327	[%] -0.050884	0.0018706 0.0018706	[mm] 9.7950	[%] 0.039141	[mm] 0.0010840	[mm] 0.0018706	[m] 4459.2	[m] 3638.9	0 (Negligible)
Structure: 38 Queens Grove Sub-structure: Eastern elevation (7)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.026843	[%] 0.0097304	-0.0013282 -0.0013282	[mm] 11.013	[%] 0.030802	[mm] -140.06E-6	[mm] -0.0013282	[m] 24026.	[m] 1355.5	0 (Negligible)
Structure: 38 Queens Grove Sub-structure: Northern elevation (8)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.0024382	[%] 0.067432	-841.31E-6 -841.31E-6	[mm] 11.013	[%] 0.069194	[mm] -712.36E-6	[mm] -841.31E-6	[m] -	[m] 25393.1	1 (Very Slight)
Structure: 38 Queens Grove Sub-structure: Southern elevation (9)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 746.19E-6	[%] 0.033620	-451.78E-6 -451.78E-6	[mm] 5.4583	[%] 0.034160	[mm] -342.57E-6	[mm] -451.78E-6	[m] -	[m] 82941.0	0 (Negligible)
Structure: 77 Avenue Road Sub-structure: Extension - South (10)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.014405	[%] 0.0066000	0.0011733 0.0011733	[mm] 15.087	[%] 0.027424	[mm] 733.36E-6	[mm] 0.0011733	[m] 3770.2	[m] -	0 (Negligible)
Structure: 77 Avenue Road Sub-structure: Extension - West (11)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.0	[%] 0.084487	-257.54E-6 -257.54E-6	[mm] 15.805	[%] 0.084487	[mm] -844.16E-6	[mm] -257.54E-6	[m] -	[m] -	2 (Slight)
Structure: 77 Avenue Road Sub-structure: Extension - East (12)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.0	[%] 0.063606	-397.22E-6 -397.22E-6	[mm] 10.922	[%] 0.063606	[mm] -635.66E-6	[mm] -397.22E-6	[m] -	[m] -	1 (Very Slight)
Structure: 77 Avenue Road Sub-structure: Southern elevation (13)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.013408	[%] -0.050667	667.52E-6 667.52E-6	[mm] 15.232	[%] 0.017386	[mm] 863.23E-6	[mm] 667.52E-6	[m] 13216.	[m] 2848.5	0 (Negligible)
Structure: 77 Avenue Road Sub-structure: Western elevation (14)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.0089325	[%] 0.094610	935.23E-6 935.23E-6	[mm] 15.232	[%] 0.10485	[mm] -0.0010149	[mm] 935.23E-6	[m] -	[m] 7008.8	2 (Slight)
Structure: 77 Avenue Road Sub-structure: Eastern elevation - lower (15)										

Combined Movements

Overall Building Damage Results - All Combined Segments											Job No.	Sheet No.	Rev.
											J14383		
											Drq. Ref.		
											Made by MP	Date 18-Mar-2016	Checked
Vertical Offset from Line for Vertical	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category			
0.0	0.073475	-0.15289	-0.0042460	15.950	0.071096	0.0030488	-0.0042460	1766.6	1702.6	1 (Very Slight)			
Structure: 77 Avenue Road Sub-structure: Eastern elevation - mid (15)													
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category			
[m] 0.0	[%] 0.0	[%] 0.056297	118.08E-6	[mm] 11.196	[%] 0.056297	-562.65E-6	118.08E-6	[m] -	[m] -	1 (Very Slight)			
Structure: 77 Avenue Road Sub-structure: Eastern elevation - upper (16)													
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category			
[m] 0.0	[%] 0.0	[%] 0.010566	154.13E-6	[mm] 10.842	[%] 0.010566	-105.65E-6	154.13E-6	[m] -	[m] -	0 (Negligible)			
Structure: 77 Avenue Road Sub-structure: Eastern elevation - upper (16)													
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category			
[m] 0.0	[%] 0.0043631	[%] 0.056422	631.04E-6	[mm] 10.379	[%] 0.059576	-578.17E-6	631.04E-6	[m] -	[m] 11944.1	1 (Very Slight)			
Specific Building Damage Results - Critical Segments within Each Structure													
Structure Name	Parameter	Critical Sub-Structure	Critical Start Segment	End	Curvature	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category		
Western Boundary Wall	Maximum Slope	Boundary Wall (1)			[m] 7 31.146	[m] 35.704	Sagging	0.0016700	[mm] 10.571	[%] 0.027688	-	5170.7	0 (Negligible)
	Maximum Settlement	Boundary Wall (1)			5 18.624	26.361	Sagging	502.79E-6	13.611	0.0094146	-	4816.0	0 (Negligible)
	Max. Tensile Strain	Boundary Wall (1)			3 4.9166	9.9936	Sagging	0.0015460	9.0389	0.033863	-	5137.8	0 (Negligible)
	Min. Radius of Curvature (Hogging)	Boundary Wall (1)			8 35.704	39.000	Hogging	0.0016700	8.5299	0.022039	993.92	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (1)			5 18.624	26.361	Sagging	502.79E-6	13.611	0.0094146	-	4816.0	0 (Negligible)
Northern Boundary Wall	Maximum Slope	Boundary Wall (2)			2 4.0351	9.0458	Hogging	0.0042460	11.095	0.037661	1766.6	-	0 (Negligible)
	Maximum Settlement	Boundary Wall (2)			7 28.346	34.355	Sagging	0.0011733	15.950	0.011842	-	4293.3	0 (Negligible)
	Max. Tensile Strain	Boundary Wall (2)			3 9.0458	14.227	Sagging	0.0042460	15.923	0.071096	-	1702.6	1 (Very Slight)
	Min. Radius of Curvature (Hogging)	Boundary Wall (2)			2 4.0351	9.0458	Hogging	0.0042460	11.095	0.037661	1766.6	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (2)			3 9.0458	14.227	Sagging	0.0042460	15.923	0.071096	-	1702.6	1 (Very Slight)
Eastern Boundary Wall	Maximum Slope	Boundary Wall (4)			2 8.8736	14.107	Sagging	0.0015841	9.7457	0.045591	-	5840.4	0 (Negligible)
	Maximum Settlement	Boundary Wall (3)			2 7.2249	13.000	Sagging	778.62E-6	14.068	0.012352	-	1250.9	0 (Negligible)
	Max. Tensile Strain	Boundary Wall (4)			2 8.8736	14.107	Sagging	0.0015841	9.7457	0.045591	-	5840.4	0 (Negligible)
	Min. Radius of Curvature (Hogging)	Boundary Wall (4)			3 14.107	18.140	Hogging	0.0015841	6.8685	0.015344	7292.8	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (3)			2 7.2249	13.000	Sagging	778.62E-6	14.068	0.012352	-	1250.9	0 (Negligible)
Southern Boundary Wall	Maximum Slope	Boundary Wall (5)			5 42.000	47.280	Sagging	0.0018706	9.7950	0.028148	-	3638.9	0 (Negligible)
	Maximum Settlement	Boundary Wall (5)			3 10.673	16.000	Sagging	0.0017061	9.7950	0.039141	-	3892.4	0 (Negligible)
	Max. Tensile Strain	Boundary Wall (5)			3 10.673	16.000	Sagging	0.0017061	9.7950	0.039141	-	3892.4	0 (Negligible)
	Min. Radius of Curvature (Hogging)	Boundary Wall (5)			6 47.280	54.297	Hogging	0.0018706	7.4031	0.011584	4459.2	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (5)			5 42.000	47.280	Sagging	0.0018706	9.7950	0.028148	-	3638.9	0 (Negligible)
38 Queens Grove	Maximum Slope	Eastern elevation (6)			1 0.0	5.4978	Sagging	0.0013282	8.7026	0.030802	-	1355.5	0 (Negligible)
	Maximum Settlement	Eastern elevation (6)			2 5.4978	12.000	Hogging	434.40E-6	11.013	0.0069463	24026.	-	0 (Negligible)
	Max. Tensile Strain	Northern elevation (7)			1 0.0	5.0000	Sagging	841.31E-6	11.013	0.069194	-	25393.1	1 (Very Slight)
	Min. Radius of Curvature (Hogging)	Eastern elevation (6)			2 5.4978	12.000	Hogging	434.40E-6	11.013	0.0069463	24026.	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Eastern elevation (6)			1 0.0	5.4978	Sagging	0.0013282	8.7026	0.030802	-	1355.5	0 (Negligible)
77 Avenue Road	Maximum Slope	Extension - South (9)			1 0.0	11.500	Hogging	0.0011733	15.087	0.027424	3770.2	-	0 (Negligible)
	Maximum Settlement	Extension - West (10)			1 0.0	3.0000	Sagging	257.54E-6	15.805	0.084487	-	-	2 (Slight)
	Max. Tensile Strain	Western elevation (13)			1 0.0	9.0000	Sagging	935.23E-6	15.232	0.10485	-	7008.8	2 (Slight)
	Min. Radius of Curvature (Hogging)	Extension - South (9)			1 0.0	11.500	Hogging	0.0011733	15.087	0.027424	3770.2	-	0 (Negligible)
	Min. Radius of Curvature (Sagging)	Southern elevation (12)			1 0.0	4.4415	Sagging	667.52E-6	15.232	0.012704	-	2848.5	0 (Negligible)
Specific Building Damage Results - All Combined Segments													
Structure: Western Boundary Wall Sub-structure: Boundary Wall (1)													
Vertical Offset from Line for Vertical Movement Calculations	Combined Start Segment	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category						
[m]	[m]	[m]		[%]	[%]	[%]							
No structures have segments combined.													
Structure: Northern Boundary Wall Sub-structure: Boundary Wall (2)													
Vertical Offset from Line for	Combined Start Segment	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category						

Combined Movements

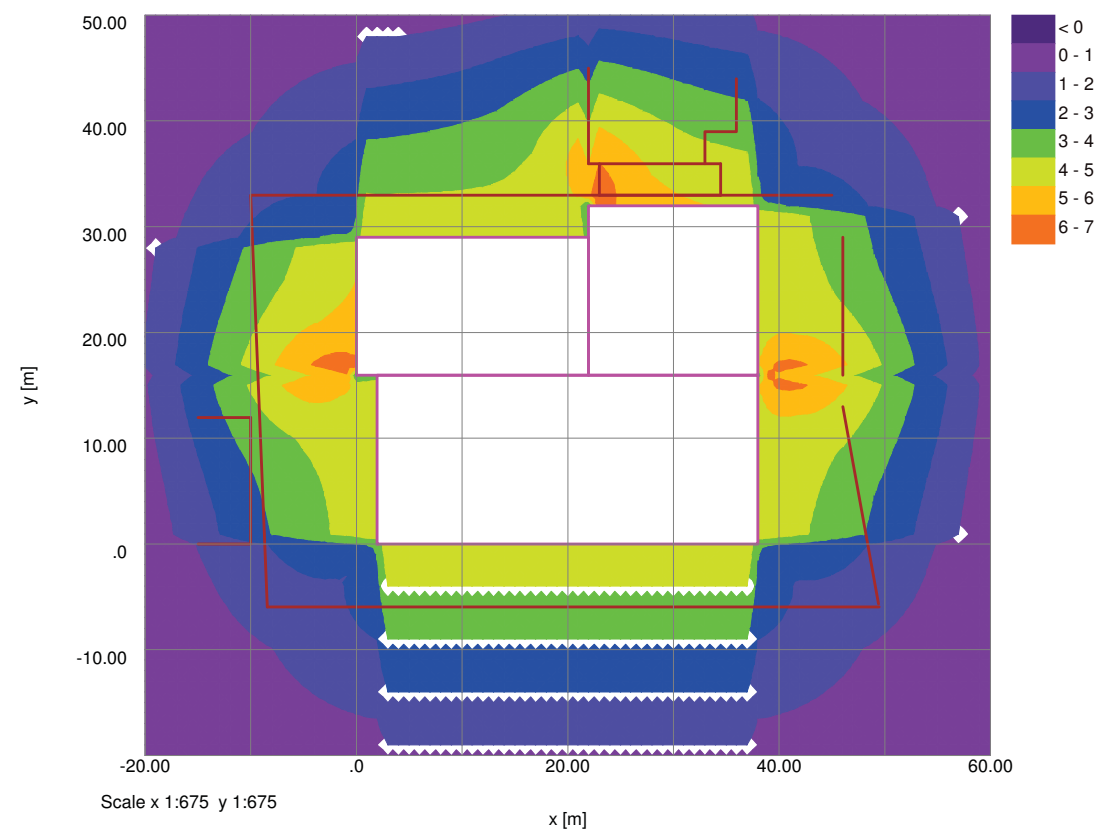
										Job No.	Sheet No.	Rev.
										J14383		
										Drg. Ref.		
										Made by MP	Date 18-Mar-2016	Checked
Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: Eastern Boundary Wall Sub-structure: Boundary Wall (3)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: Eastern Boundary Wall Sub-structure: Boundary Wall (4)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: Southern Boundary Wall Sub-structure: Boundary Wall (5)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: 38 Queens Grove Sub-structure: Eastern elevation (6)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: 38 Queens Grove Sub-structure: Northern elevation (7)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: 38 Queens Grove Sub-structure: Southern elevation (8)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: 77 Avenue Road Sub-structure: Extension - South (9)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: 77 Avenue Road Sub-structure: Extension - West (10)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: 77 Avenue Road Sub-structure: Extension - East (11)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: 77 Avenue Road Sub-structure: Southern elevation (12)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: 77 Avenue Road Sub-structure: Western elevation (13)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												

Combined Movements

										Job No.	Sheet No.	Rev.
										J14383		
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										Made by MP	Date 18-Mar-2016	Checked
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: 77 Avenue Road Sub-structure: Eastern elevation - lower (14)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: 77 Avenue Road Sub-structure: Eastern elevation - mid (15)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												
Structure: 77 Avenue Road Sub-structure: Eastern elevation - upper (16)												
Vertical Offset from Line for Vertical Movement Calculations												
[m] [m] [m] [%] [%] [%]												
No structures have segments combined.												

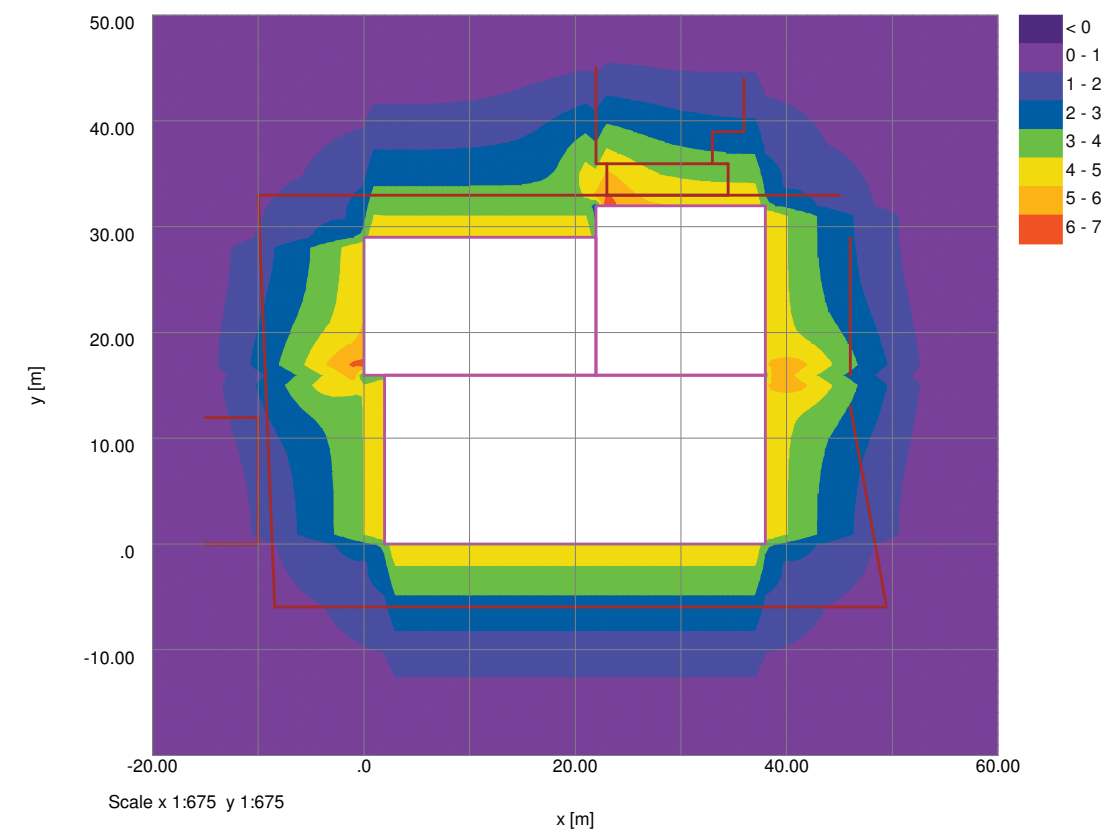
Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

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



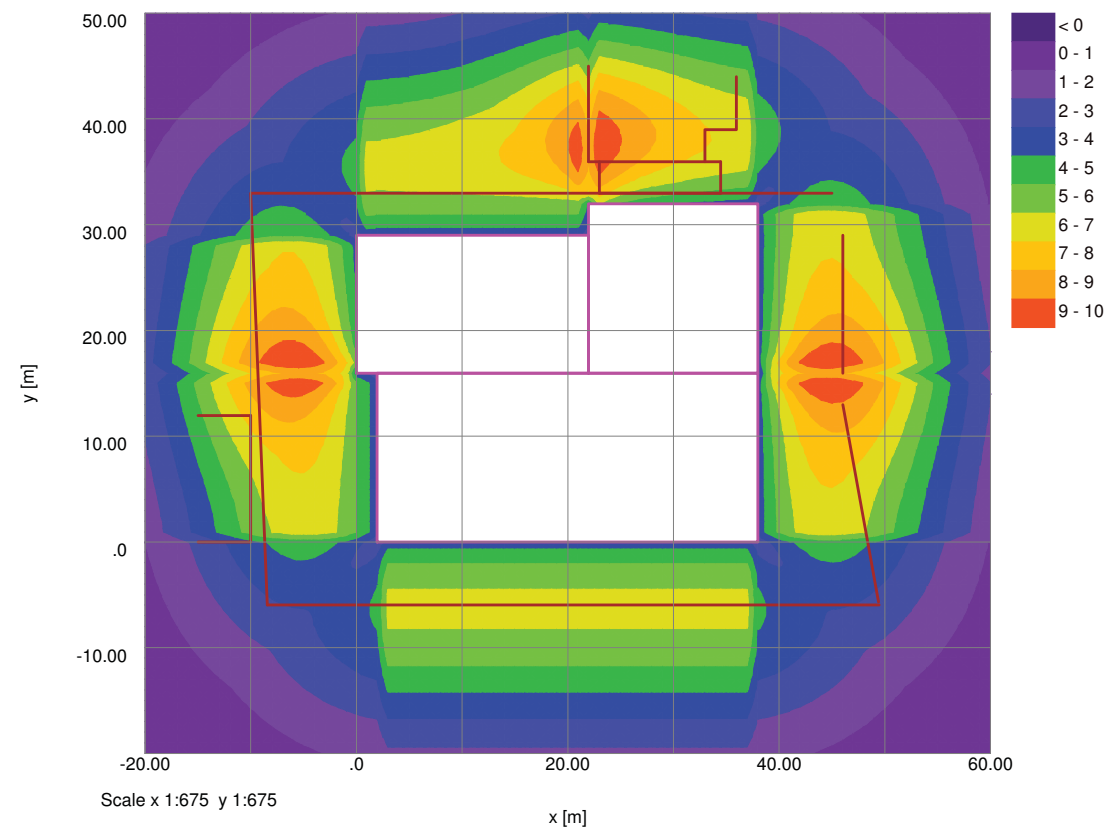
Job No.	Sheet No.	Rev.
J14383		
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Made by MP	Date 21-Mar-2016	Checked

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



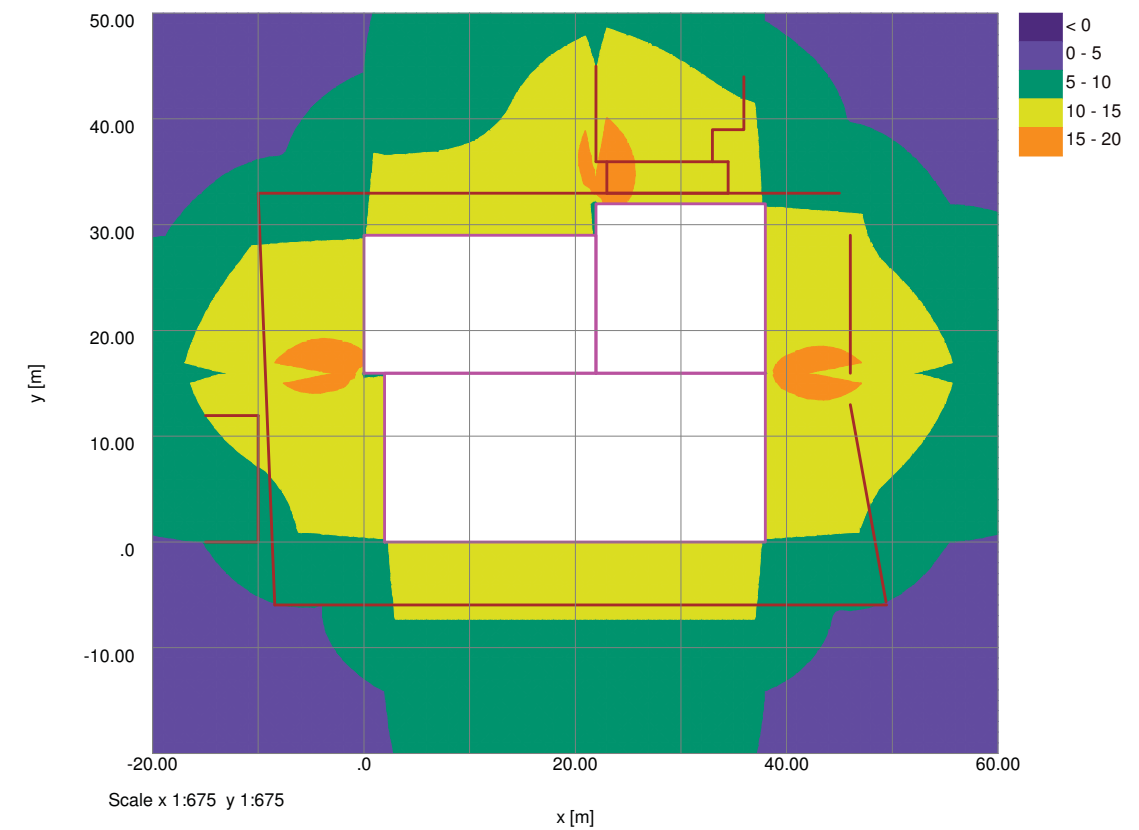
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J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

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



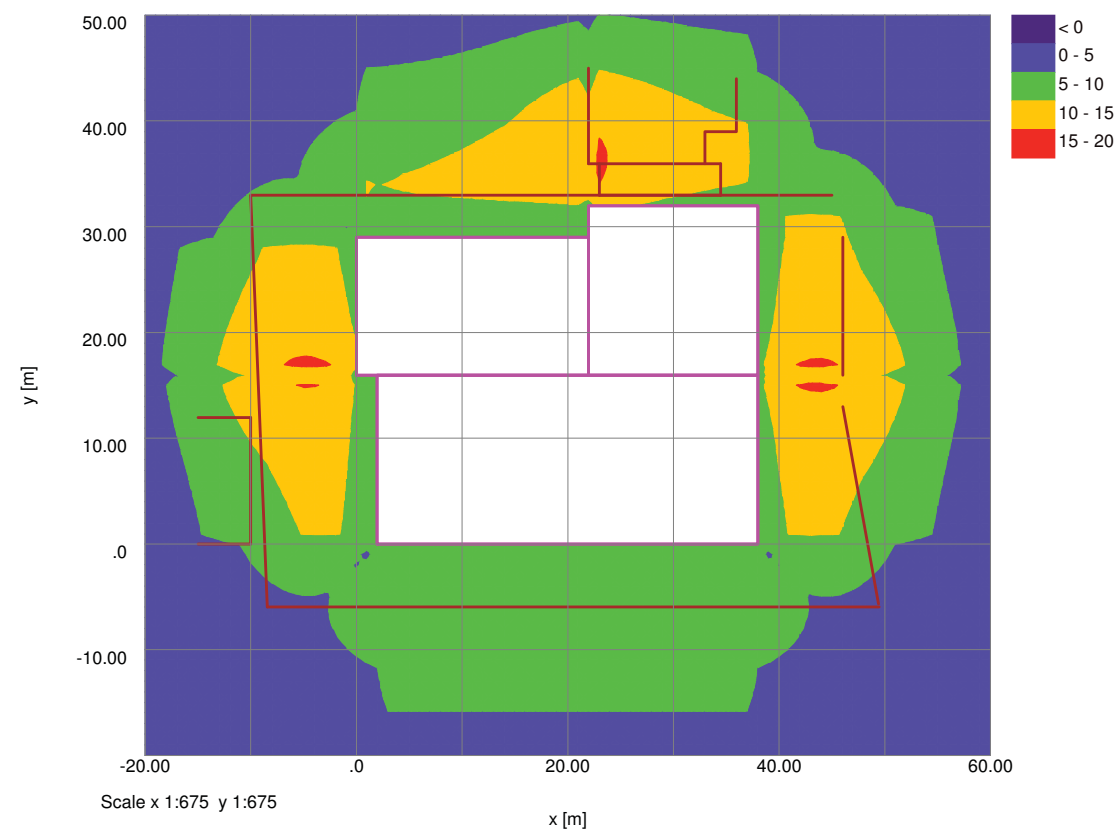
Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

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



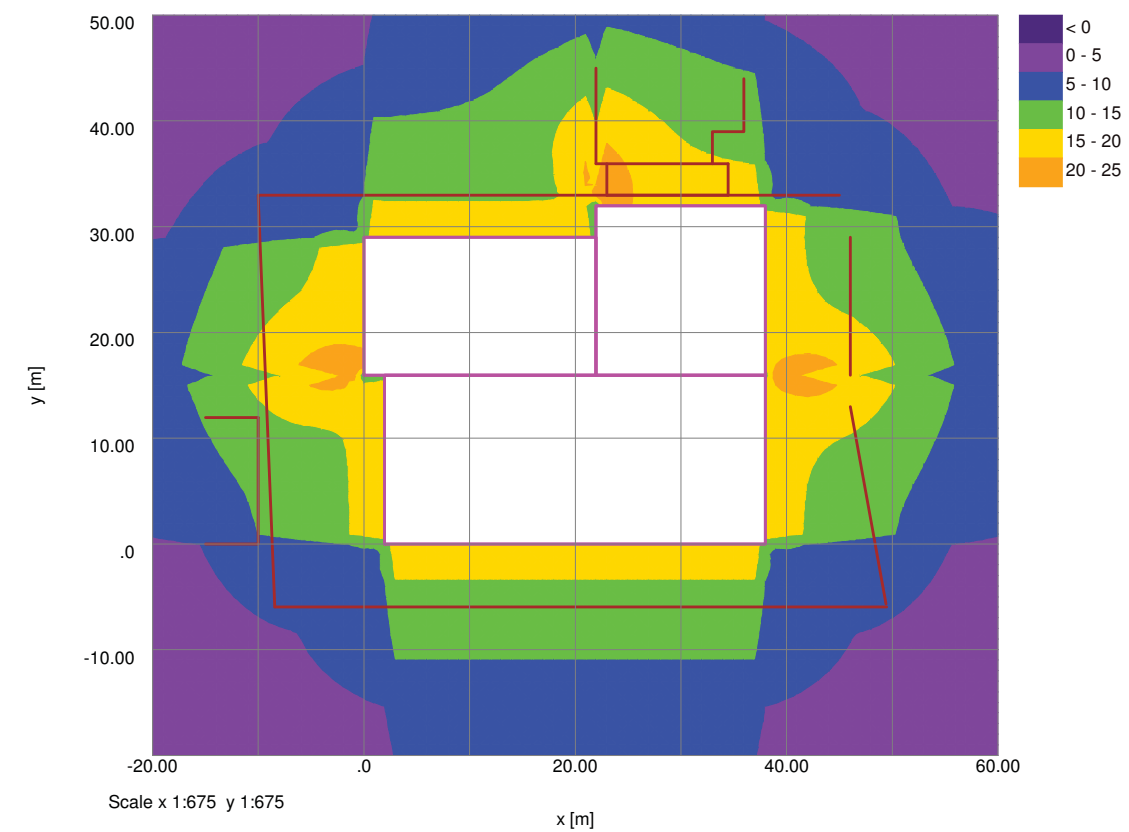
Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

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

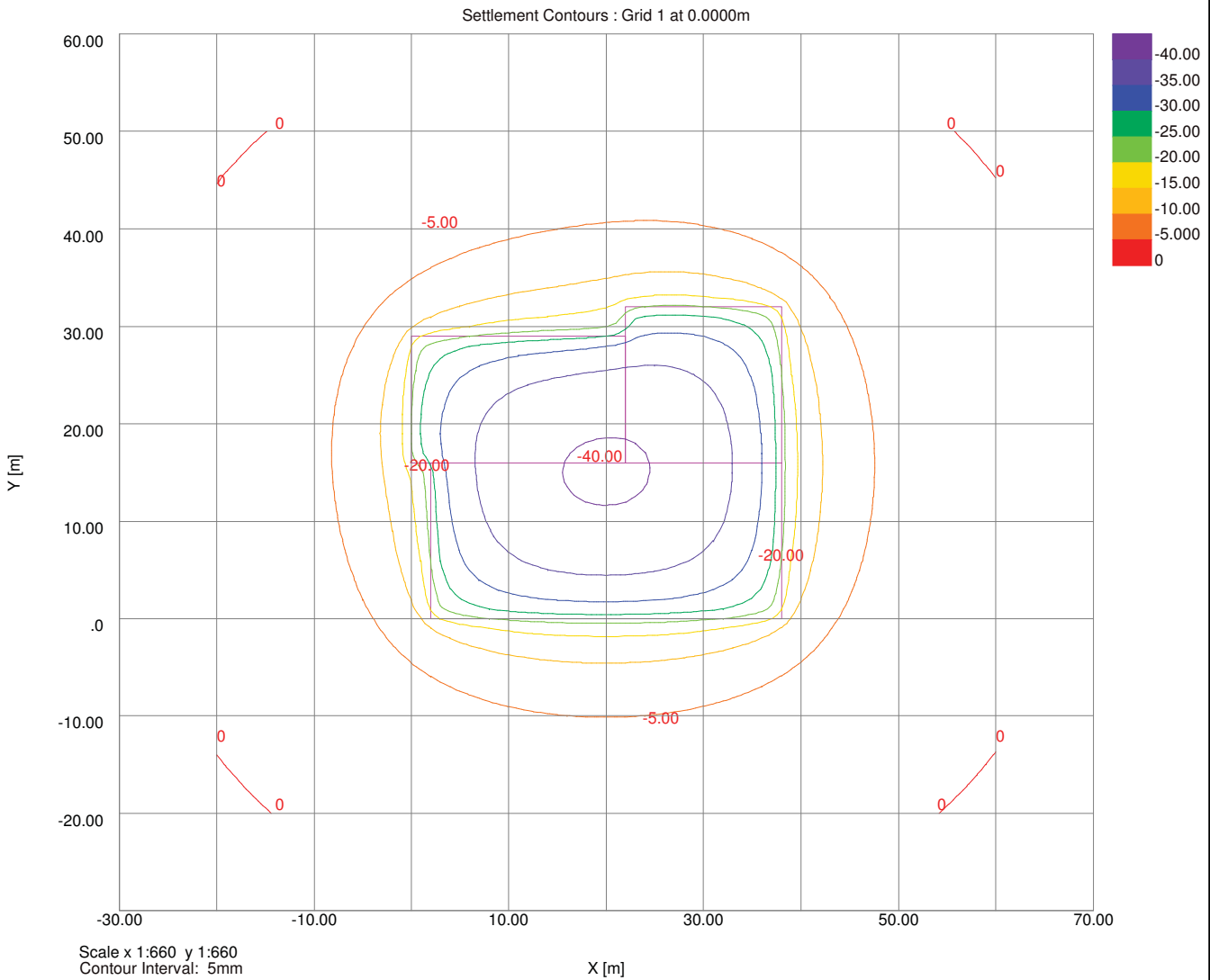


Job No.	Sheet No.	Rev.
J14383		
Drg. Ref.		
Made by MP	Date 21-Mar-2016	Checked

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



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MP	06-Feb-2015	



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

Analysis Options

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

Soil ProfilesSoil Profile 1

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

Soil Zones

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

Load Data

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

Displacement Data

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

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.50
Horizontal rigid boundary level: -80.00 [m OD]
The maximum displacement difference between Boussinesq method (-32.450mm) and Mindlin method (-24.857mm) occurs at point X=32.000m Y=26.000m Level 0.0mOD and is 7.5931mm

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



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
51.00000	-20.00000	0.00000	-0.13930	-0.50000	0.0	0.0	0.0	0.0
52.00000	-20.00000	0.00000	-0.093241	-0.50000	0.0	0.0	0.0	0.0
53.00000	-20.00000	0.00000	-0.049154	-0.50000	0.0	0.0	0.0	0.0
54.00000	-20.00000	0.00000	-0.0070738	-0.50000	0.0	0.0	0.0	0.0
55.00000	-20.00000	0.00000	0.032981	-0.50000	0.0	0.0	0.0	0.0
56.00000	-20.00000	0.00000	0.071506	-0.50000	0.0	0.0	0.0	0.0
57.00000	-20.00000	0.00000	0.10701	-0.50000	0.0	0.0	0.0	0.0
58.00000	-20.00000	0.00000	0.14102	-0.50000	0.0	0.0	0.0	0.0
59.00000	-20.00000	0.00000	0.17305	-0.50000	0.0	0.0	0.0	0.0
60.00000	-20.00000	0.00000	0.20316	-0.50000	0.0	0.0	0.0	0.0
-20.00000	-19.00000	0.00000	0.16715	-0.50000	0.0	0.0	0.0	0.0
-19.00000	-19.00000	0.00000	0.13404	-0.50000	0.0	0.0	0.0	0.0
-18.00000	-19.00000	0.00000	0.098802	-0.50000	0.0	0.0	0.0	0.0
-17.00000	-19.00000	0.00000	0.061385	-0.50000	0.0	0.0	0.0	0.0
-16.00000	-19.00000	0.00000	0.021753	-0.50000	0.0	0.0	0.0	0.0
-15.00000	-19.00000	0.00000	-0.020123	-0.50000	0.0	0.0	0.0	0.0
-14.00000	-19.00000	0.00000	-0.064260	-0.50000	0.0	0.0	0.0	0.0
-13.00000	-19.00000	0.00000	-0.11056	-0.50000	0.0	0.0	0.0	0.0
-12.00000	-19.00000	0.00000	-0.15931	-0.50000	0.0	0.0	0.0	0.0
-11.00000	-19.00000	0.00000	-0.21017	-0.50000	0.0	0.0	0.0	0.0
-10.00000	-19.00000	0.00000	-0.26320	-0.50000	0.0	0.0	0.0	0.0
-9.00000	-19.00000	0.00000	-0.31831	-0.50000	0.0	0.0	0.0	0.0
-8.00000	-19.00000	0.00000	-0.37538	-0.50000	0.0	0.0	0.0	0.0
-7.00000	-19.00000	0.00000	-0.43432	-0.50000	0.0	0.0	0.0	0.0
-6.00000	-19.00000	0.00000	-0.49494	-0.50000	0.0	0.0	0.0	0.0
-5.00000	-19.00000	0.00000	-0.55705	-0.50000	0.0	0.0	0.0	0.0
-4.00000	-19.00000	0.00000	-0.62042	-0.50000	0.0	0.0	0.0	0.0
-3.00000	-19.00000	0.00000	-0.68480	-0.50000	0.0	0.0	0.0	0.0
-2.00000	-19.00000	0.00000	-0.74991	-0.50000	0.0	0.0	0.0	0.0
-1.00000	-19.00000	0.00000	-0.81542	-0.50000	0.0	0.0	0.0	0.0
0.00000	-19.00000	0.00000	-0.88101	-0.50000	0.0	0.0	0.0	0.0
1.00000	-19.00000	0.00000	-0.94632	-0.50000	0.0	0.0	0.0	0.0
2.00000	-19.00000	0.00000	-1.01110	-0.50000	0.0	0.0	0.0	0.0
3.00000	-19.00000	0.00000	-1.0746	-0.50000	0.0	0.0	0.0	0.0
4.00000	-19.00000	0.00000	-1.1368	-0.50000	0.0	0.0	0.0	0.0
5.00000	-19.00000	0.00000	-1.1971	-0.50000	0.0	0.0	0.0	0.0
6.00000	-19.00000	0.00000	-1.2554	-0.50000	0.0	0.0	0.0	0.0
7.00000	-19.00000	0.00000	-1.3111	-0.50000	0.0	0.0	0.0	0.0
8.00000	-19.00000	0.00000	-1.3639	-0.50000	0.0	0.0	0.0	0.0
9.00000	-19.00000	0.00000	-1.4136	-0.50000	0.0	0.0	0.0	0.0
10.00000	-19.00000	0.00000	-1.4598	-0.50000	0.0	0.0	0.0	0.0
11.00000	-19.00000	0.00000	-1.5023	-0.50000	0.0	0.0	0.0	0.0
12.00000	-19.00000	0.00000	-1.5409	-0.50000	0.0	0.0	0.0	0.0
13.00000	-19.00000	0.00000	-1.5753	-0.50000	0.0	0.0	0.0	0.0
14.00000	-19.00000	0.00000	-1.6055	-0.50000	0.0	0.0	0.0	0.0
15.00000	-19.00000	0.00000	-1.6311	-0.50000	0.0	0.0	0.0	0.0
16.00000	-19.00000	0.00000	-1.6522	-0.50000	0.0	0.0	0.0	0.0
17.00000	-19.00000	0.00000	-1.6687	-0.50000	0.0	0.0	0.0	0.0
18.00000	-19.00000	0.00000	-1.6804	-0.50000	0.0	0.0	0.0	0.0
19.00000	-19.00000	0.00000	-1.6872	-0.50000	0.0	0.0	0.0	0.0
20.00000	-19.00000	0.00000	-1.6893	-0.50000	0.0	0.0	0.0	0.0
21.00000	-19.00000	0.00000	-1.6865	-0.50000	0.0	0.0	0.0	0.0
22.00000	-19.00000	0.00000	-1.6789	-0.50000	0.0	0.0	0.0	0.0
23.00000	-19.00000	0.00000	-1.6665	-0.50000	0.0	0.0	0.0	0.0
24.00000	-19.00000	0.00000	-1.6494	-0.50000	0.0	0.0	0.0	0.0
25.00000	-19.00000	0.00000	-1.6276	-0.50000	0.0	0.0	0.0	0.0
26.00000	-19.00000	0.00000	-1.6013	-0.50000	0.0	0.0	0.0	0.0
27.00000	-19.00000	0.00000	-1.5705	-0.50000	0.0	0.0	0.0	0.0
28.00000	-19.00000	0.00000	-1.5354	-0.50000	0.0	0.0	0.0	0.0
29.00000	-19.00000	0.00000	-1.4962	-0.50000	0.0	0.0	0.0	0.0
30.00000	-19.00000	0.00000	-1.4531	-0.50000	0.0	0.0	0.0	0.0
31.00000	-19.00000	0.00000	-1.4063	-0.50000	0.0	0.0	0.0	0.0
32.00000	-19.00000	0.00000	-1.3561	-0.50000	0.0	0.0	0.0	0.0
33.00000	-19.00000	0.00000	-1.3028	-0.50000	0.0	0.0	0.0	0.0
34.00000	-19.00000	0.00000	-1.2466	-0.50000	0.0	0.0	0.0	0.0
35.00000	-19.00000	0.00000	-1.1880	-0.50000	0.0	0.0	0.0	0.0
36.00000	-19.00000	0.00000	-1.1272	-0.50000	0.0	0.0	0.0	0.0
37.00000	-19.00000	0.00000	-1.0647	-0.50000	0.0	0.0	0.0	0.0
38.00000	-19.00000	0.00000	-1.0007	-0.50000	0.0	0.0	0.0	0.0
39.00000	-19.00000	0.00000	-0.93583	-0.50000	0.0	0.0	0.0	0.0
40.00000	-19.00000	0.00000	-0.87031	-0.50000	0.0	0.0	0.0	0.0
41.00000	-19.00000	0.00000	-0.80454	-0.50000	0.0	0.0	0.0	0.0
42.00000	-19.00000	0.00000	-0.73889	-0.50000	0.0	0.0	0.0	0.0
43.00000	-19.00000	0.00000	-0.67369	-0.50000	0.0	0.0	0.0	0.0
44.00000	-19.00000	0.00000	-0.60825	-0.50000	0.0	0.0	0.0	0.0
45.00000	-19.00000	0.00000	-0.54587	-0.50000	0.0	0.0	0.0	0.0
46.00000	-19.00000	0.00000	-0.48379	-0.50000	0.0	0.0	0.0	0.0
47.00000	-19.00000	0.00000	-0.42324	-0.50000	0.0	0.0	0.0	0.0
48.00000	-19.00000	0.00000	-0.36441	-0.50000	0.0	0.0	0.0	0.0
49.00000	-19.00000	0.00000	-0.30746	-0.50000	0.0	0.0	0.0	0.0
50.00000	-19.00000	0.00000	-0.25252	-0.50000	0.0	0.0	0.0	0.0
51.00000	-19.00000	0.00000	-0.19968	-0.50000	0.0	0.0	0.0	0.0
52.00000	-19.00000	0.00000	-0.14904	-0.50000	0.0	0.0	0.0	0.0
53.00000	-19.00000	0.00000	-0.10063	-0.50000	0.0	0.0	0.0	0.0
54.00000	-19.00000	0.00000	-0.054889	-0.50000	0.0	0.0	0.0	0.0
55.00000	-19.00000	0.00000	-0.010630	-0.50000	0.0	0.0	0.0	0.0
56.00000	-19.00000	0.00000	0.030953	-0.50000	0.0	0.0	0.0	0.0
57.00000	-19.00000	0.00000	0.070281	-0.50000	0.0	0.0	0.0	0.0
58.00000	-19.00000	0.00000	0.10738	-0.50000	0.0	0.0	0.0	0.0
59.00000	-19.00000	0.00000	0.14230	-0.50000	0.0	0.0	0.0	0.0
60.00000	-19.00000	0.00000	0.17509	-0.50000	0.0	0.0	0.0	0.0
-20.00000	-18.00000	0.00000	0.13636	-0.50000	0.0	0.0	0.0	0.0
-19.00000	-18.00000	0.00000	0.10086	-0.50000	0.0	0.0	0.0	0.0
-18.00000	-18.00000	0.00000	0.062501	-0.50000	0.0	0.0	0.0	0.0
-17.00000	-18.00000	0.00000	0.021730	-0.50000	0.0	0.0	0.0	0.0
-16.00000	-18.00000	0.00000	-0.021508	-0.50000	0.0	0.0	0.0	0.0
-15.00000	-18.00000	0.00000	-0.067253	-0.50000	0.0	0.0	0.0	0.0
-14.00000	-18.00000	0.00000	-0.11554	-0.50000	0.0	0.0	0.0	0.0
-13.00000	-18.00000	0.00000	-0.16637	-0.50000	0.0	0.0	0.0	0.0
-12.00000	-18.00000	0.00000	-0.21975	-0.50000	0.0	0.0	0.0	0.0
-11.00000	-18.00000	0.00000	-0.27565	-0.50000	0.0	0.0	0.0	0.0
-10.00000	-18.00000	0.00000	-0.33402	-0.50000	0.0	0.0	0.0	0.0
-9.00000	-18.00000	0.00000	-0.39479	-0.50000	0.0	0.0	0.0	0.0
-8.00000	-18.00000	0.00000	-0.45785	-0.50000	0.0	0.0	0.0	0.0
-7.00000	-18.00000	0.00000	-0.52306	-0.50000	0.0	0.0	0.0	0.0
-6.00000	-18.00000	0.00000	-0.59025	-0.50000	0.0	0.0	0.0	0.0
-5.00000	-18.00000	0.00000	-0.65921	-0.50000	0.0	0.0	0.0	0.0
-4.00000	-18.00000	0.00000	-0.72968	-0.50000	0.0	0.0	0.0	0.0
-3.00000	-18.00000	0.00000	-0.80140	-0.50000	0.0	0.0	0.0	0.0
-2.00000	-18.00000	0.00000	-0.87402	-0.50000	0.0	0.0	0.0	0.0
-1.00000	-18.00000	0.00000	-0.94719	-0.50000	0.0	0.0	0.0	0.0
0.00000	-18.00000	0.00000	-1.0205	-0.50000	0.0	0.0	0.0	0.0
1.00000	-18.00000	0.00000	-1.0936	-0.50000	0.0	0.0	0.0	0.0
2.00000	-18.00000	0.00000	-1.1660	-0.50000	0.0	0.0	0.0	0.0
3.00000	-18.00000	0.00000	-1.2373	-0.50000	0.0	0.0	0.0	0.0
4.00000	-18.00000	0.00000	-1.3070	-0.50000	0.0	0.0	0.0	0.0
5.00000	-18.00000	0.00000	-1.3748	-0.50000	0.0	0.0	0.0	0.0
6.00000	-18.00000	0.00000	-1.4401	-0.50000	0.0	0.0	0.0	0.0
7.00000	-18.00000	0.00000	-1.5025	-0.50000	0.0	0.0	0.0	0.0
8.00000	-18.00000	0.00000	-1.5618	-0.50000	0.0	0.0	0.0	0.0
9.00000	-18.00000	0.00000	-1.6174	-0.50000	0.0	0.0	0.0	0.0
10.00000	-18.00000	0.00000	-1.6692	-0.50000	0.0	0.0	0.0	0.0
11.00000	-18.00000	0.00000	-1.7168	-0.50000	0.0	0.0	0.0	0.0
12.00000	-18.00000	0.00000	-1.7600	-0.50000	0.0	0.0	0.0	0.0
13.00000	-18.00000	0.00000	-1.7985	-0.5000				



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	9.00000	-16.00000	0.00000	-2.0921	-0.50000	0.0	0.0	0.0
	10.0000	-16.0000	0.00000	-2.1572	-0.50000	0.0	0.0	0.0
	11.0000	-16.0000	0.00000	-2.2170	-0.50000	0.0	0.0	0.0
	12.0000	-16.0000	0.00000	-2.2711	-0.50000	0.0	0.0	0.0
	13.0000	-16.0000	0.00000	-2.3193	-0.50000	0.0	0.0	0.0
	14.0000	-16.0000	0.00000	-2.3614	-0.50000	0.0	0.0	0.0
	15.0000	-16.0000	0.00000	-2.3972	-0.50000	0.0	0.0	0.0
	16.0000	-16.0000	0.00000	-2.4266	-0.50000	0.0	0.0	0.0
	17.0000	-16.0000	0.00000	-2.4495	-0.50000	0.0	0.0	0.0
	18.0000	-16.0000	0.00000	-2.4657	-0.50000	0.0	0.0	0.0
	19.0000	-16.0000	0.00000	-2.4753	-0.50000	0.0	0.0	0.0
	20.0000	-16.0000	0.00000	-2.4781	-0.50000	0.0	0.0	0.0
	21.0000	-16.0000	0.00000	-2.4743	-0.50000	0.0	0.0	0.0
	22.0000	-16.0000	0.00000	-2.4638	-0.50000	0.0	0.0	0.0
	23.0000	-16.0000	0.00000	-2.4466	-0.50000	0.0	0.0	0.0
	24.0000	-16.0000	0.00000	-2.4228	-0.50000	0.0	0.0	0.0
	25.0000	-16.0000	0.00000	-2.3925	-0.50000	0.0	0.0	0.0
	26.0000	-16.0000	0.00000	-2.3558	-0.50000	0.0	0.0	0.0
	27.0000	-16.0000	0.00000	-2.3128	-0.50000	0.0	0.0	0.0
	28.0000	-16.0000	0.00000	-2.2637	-0.50000	0.0	0.0	0.0
	29.0000	-16.0000	0.00000	-2.2088	-0.50000	0.0	0.0	0.0
	30.0000	-16.0000	0.00000	-2.1482	-0.50000	0.0	0.0	0.0
	31.0000	-16.0000	0.00000	-2.0823	-0.50000	0.0	0.0	0.0
	32.0000	-16.0000	0.00000	-2.0115	-0.50000	0.0	0.0	0.0
	33.0000	-16.0000	0.00000	-1.9362	-0.50000	0.0	0.0	0.0
	34.0000	-16.0000	0.00000	-1.8567	-0.50000	0.0	0.0	0.0
	35.0000	-16.0000	0.00000	-1.7737	-0.50000	0.0	0.0	0.0
	36.0000	-16.0000	0.00000	-1.6877	-0.50000	0.0	0.0	0.0
	37.0000	-16.0000	0.00000	-1.5992	-0.50000	0.0	0.0	0.0
	38.0000	-16.0000	0.00000	-1.5088	-0.50000	0.0	0.0	0.0
	39.0000	-16.0000	0.00000	-1.4172	-0.50000	0.0	0.0	0.0
	40.0000	-16.0000	0.00000	-1.3250	-0.50000	0.0	0.0	0.0
	41.0000	-16.0000	0.00000	-1.2327	-0.50000	0.0	0.0	0.0
	42.0000	-16.0000	0.00000	-1.1410	-0.50000	0.0	0.0	0.0
	43.0000	-16.0000	0.00000	-1.0503	-0.50000	0.0	0.0	0.0
	44.0000	-16.0000	0.00000	-0.96103	-0.50000	0.0	0.0	0.0
	45.0000	-16.0000	0.00000	-0.87372	-0.50000	0.0	0.0	0.0
	46.0000	-16.0000	0.00000	-0.78867	-0.50000	0.0	0.0	0.0
	47.0000	-16.0000	0.00000	-0.70618	-0.50000	0.0	0.0	0.0
	48.0000	-16.0000	0.00000	-0.62650	-0.50000	0.0	0.0	0.0
	49.0000	-16.0000	0.00000	-0.54981	-0.50000	0.0	0.0	0.0
	50.0000	-16.0000	0.00000	-0.47626	-0.50000	0.0	0.0	0.0
	51.0000	-16.0000	0.00000	-0.40593	-0.50000	0.0	0.0	0.0
	52.0000	-16.0000	0.00000	-0.33888	-0.50000	0.0	0.0	0.0
	53.0000	-16.0000	0.00000	-0.27514	-0.50000	0.0	0.0	0.0
	54.0000	-16.0000	0.00000	-0.21470	-0.50000	0.0	0.0	0.0
	55.0000	-16.0000	0.00000	-0.15752	-0.50000	0.0	0.0	0.0
	56.0000	-16.0000	0.00000	-0.10355	-0.50000	0.0	0.0	0.0
	57.0000	-16.0000	0.00000	-0.052730	-0.50000	0.0	0.0	0.0
	58.0000	-16.0000	0.00000	-0.0049755	-0.50000	0.0	0.0	0.0
	59.0000	-16.0000	0.00000	0.039805	-0.50000	0.0	0.0	0.0
	60.0000	-16.0000	0.00000	0.081711	-0.50000	0.0	0.0	0.0
	-20.0000	-15.0000	0.00000	0.036547	-0.50000	0.0	0.0	0.0
	-19.0000	-15.0000	0.00000	-0.0092764	-0.50000	0.0	0.0	0.0
	-18.0000	-15.0000	0.00000	-0.058270	-0.50000	0.0	0.0	0.0
	-17.0000	-15.0000	0.00000	-0.11055	-0.50000	0.0	0.0	0.0
	-16.0000	-15.0000	0.00000	-0.16623	-0.50000	0.0	0.0	0.0
	-15.0000	-15.0000	0.00000	-0.22542	-0.50000	0.0	0.0	0.0
	-14.0000	-15.0000	0.00000	-0.28819	-0.50000	0.0	0.0	0.0
	-13.0000	-15.0000	0.00000	-0.35462	-0.50000	0.0	0.0	0.0
	-12.0000	-15.0000	0.00000	-0.42477	-0.50000	0.0	0.0	0.0
	-11.0000	-15.0000	0.00000	-0.49865	-0.50000	0.0	0.0	0.0
	-10.0000	-15.0000	0.00000	-0.57627	-0.50000	0.0	0.0	0.0
	-9.0000	-15.0000	0.00000	-0.65758	-0.50000	0.0	0.0	0.0
	-8.0000	-15.0000	0.00000	-0.74249	-0.50000	0.0	0.0	0.0
	-7.0000	-15.0000	0.00000	-0.83086	-0.50000	0.0	0.0	0.0
	-6.0000	-15.0000	0.00000	-0.92250	-0.50000	0.0	0.0	0.0
	-5.0000	-15.0000	0.00000	-1.0171	-0.50000	0.0	0.0	0.0
	-4.0000	-15.0000	0.00000	-1.1145	-0.50000	0.0	0.0	0.0
	-3.0000	-15.0000	0.00000	-1.2141	-0.50000	0.0	0.0	0.0
	-2.0000	-15.0000	0.00000	-1.3155	-0.50000	0.0	0.0	0.0
	-1.0000	-15.0000	0.00000	-1.4182	-0.50000	0.0	0.0	0.0
	0.0000	-15.0000	0.00000	-1.5216	-0.50000	0.0	0.0	0.0
	1.0000	-15.0000	0.00000	-1.6249	-0.50000	0.0	0.0	0.0
	2.0000	-15.0000	0.00000	-1.7276	-0.50000	0.0	0.0	0.0
	3.0000	-15.0000	0.00000	-1.8289	-0.50000	0.0	0.0	0.0
	4.0000	-15.0000	0.00000	-1.9281	-0.50000	0.0	0.0	0.0
	5.0000	-15.0000	0.00000	-2.0245	-0.50000	0.0	0.0	0.0
	6.0000	-15.0000	0.00000	-2.1173	-0.50000	0.0	0.0	0.0
	7.0000	-15.0000	0.00000	-2.2060	-0.50000	0.0	0.0	0.0
	8.0000	-15.0000	0.00000	-2.2900	-0.50000	0.0	0.0	0.0
	9.0000	-15.0000	0.00000	-2.3688	-0.50000	0.0	0.0	0.0
	10.0000	-15.0000	0.00000	-2.4419	-0.50000	0.0	0.0	0.0
	11.0000	-15.0000	0.00000	-2.5090	-0.50000	0.0	0.0	0.0
	12.0000	-15.0000	0.00000	-2.5696	-0.50000	0.0	0.0	0.0
	13.0000	-15.0000	0.00000	-2.6236	-0.50000	0.0	0.0	0.0
	14.0000	-15.0000	0.00000	-2.6707	-0.50000	0.0	0.0	0.0
	15.0000	-15.0000	0.00000	-2.7107	-0.50000	0.0	0.0	0.0
	16.0000	-15.0000	0.00000	-2.7435	-0.50000	0.0	0.0	0.0
	17.0000	-15.0000	0.00000	-2.7690	-0.50000	0.0	0.0	0.0
	18.0000	-15.0000	0.00000	-2.7871	-0.50000	0.0	0.0	0.0
	19.0000	-15.0000	0.00000	-2.7978	-0.50000	0.0	0.0	0.0
	20.0000	-15.0000	0.00000	-2.8010	-0.50000	0.0	0.0	0.0
	21.0000	-15.0000	0.00000	-2.7967	-0.50000	0.0	0.0	0.0
	22.0000	-15.0000	0.00000	-2.7850	-0.50000	0.0	0.0	0.0
	23.0000	-15.0000	0.00000	-2.7658	-0.50000	0.0	0.0	0.0
	24.0000	-15.0000	0.00000	-2.7393	-0.50000	0.0	0.0	0.0
	25.0000	-15.0000	0.00000	-2.7055	-0.50000	0.0	0.0	0.0
	26.0000	-15.0000	0.00000	-2.6644	-0.50000	0.0	0.0	0.0
	27.0000	-15.0000	0.00000	-2.6164	-0.50000	0.0	0.0	0.0
	28.0000	-15.0000	0.00000	-2.5615	-0.50000	0.0	0.0	0.0
	29.0000	-15.0000	0.00000	-2.4999	-0.50000	0.0	0.0	0.0
	30.0000	-15.0000	0.00000	-2.4320	-0.50000	0.0	0.0	0.0
	31.0000	-15.0000	0.00000	-2.3580	-0.50000	0.0	0.0	0.0
	32.0000	-15.0000	0.00000	-2.2784	-0.50000	0.0	0.0	0.0
	33.0000	-15.0000	0.00000	-2.1937	-0.50000	0.0	0.0	0.0
	34.0000	-15.0000	0.00000	-2.1043	-0.50000	0.0	0.0	0.0
	35.0000	-15.0000	0.00000	-2.0108	-0.50000	0.0	0.0	0.0
	36.0000	-15.0000	0.00000	-1.9138	-0.50000	0.0	0.0	0.0
	37.0000	-15.0000	0.00000	-1.8141	-0.50000	0.0	0.0	0.0
	38.0000	-15.0000	0.00000	-1.7124	-0.50000	0.0	0.0	0.0
	39.0000	-15.0000	0.00000	-1.6093	-0.50000	0.0	0.0	0.0
	40.0000	-15.0000	0.00000	-1.5056	-0.50000	0.0	0.0	0.0
	41.0000	-15.0000	0.00000	-1.4020	-0.50000	0.0	0.0	0.0
	42.0000	-15.0000	0.00000	-1.2992	-0.50000	0.0	0.0	0.0
	43.0000	-15.0000	0.00000	-1.1976	-0.50000	0.0	0.0	0.0
	44.0000	-15.0000	0.00000	-1.0980	-0.50000	0.0	0.0	0.0
	45.0000	-15.0000	0.00000	-1.0007	-0.50000	0.0	0.0	0.0
	46.0000	-15.0000	0.00000	-0.90613	-0.50000	0.0	0.0	0.0
	47.0000	-15.0000	0.00000	-0.81464	-0.50000	0.0	0.0	0.0
	48.0000	-15.0000	0.00000	-0.72647	-0.50000	0.0	0.0	0.0
	49.0000	-15.0000	0.00000	-0.64181	-0.50000	0.0	0.0	0.0
	50.0000	-15.0000	0.00000	-0.56080	-0.50000	0.0	0.0	0.0
	51.0000	-15.0000	0.00000	-0.48352	-0.50000	0.0	0.0	0.0
	52.0000	-15.0000	0.00000	-0.41001	-0.50000	0.0	0.0	0.0
	53.0000	-15.0000	0.00000	-0.34027	-0.50000	0.0	0.0	0.0
	54.0000	-15.0000	0.00000	-0.27426	-0.50000	0.0	0.0	0.0
	55.0000	-15.0000	0.00000	-0.21194	-0.50000	0.0	0.0	0.0
	56.0000	-15.0000	0.00000	-0.15323	-0.50000	0.0	0.0	0.0
	57.0000	-15.0000	0.00000	-0.098035	-0.50000	0.0	0.0	0.0
	58.0000	-15.0000	0.00000	-0.046246	-0.50000	0.0	0.0	0.0
	59.0000	-15.0000	0.00000	0.0022484	-0.50000	0.0	0.0	0.0
	60.0000	-15.0000	0.00000	0.047570	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	48.00000	-13.00000	0.00000	-0.94708	-0.50000	0.0	0.0	0.0
	49.00000	-13.00000	0.00000	-0.84395	-0.50000	0.0	0.0	0.0
	50.00000	-13.00000	0.00000	-0.74579	-0.50000	0.0	0.0	0.0
	51.00000	-13.00000	0.00000	-0.65263	-0.50000	0.0	0.0	0.0
	52.00000	-13.00000	0.00000	-0.56446	-0.50000	0.0	0.0	0.0
	53.00000	-13.00000	0.00000	-0.48120	-0.50000	0.0	0.0	0.0
	54.00000	-13.00000	0.00000	-0.40277	-0.50000	0.0	0.0	0.0
	55.00000	-13.00000	0.00000	-0.32901	-0.50000	0.0	0.0	0.0
	56.00000	-13.00000	0.00000	-0.25981	-0.50000	0.0	0.0	0.0
	57.00000	-13.00000	0.00000	-0.19498	-0.50000	0.0	0.0	0.0
	58.00000	-13.00000	0.00000	-0.13435	-0.50000	0.0	0.0	0.0
	59.00000	-13.00000	0.00000	-0.07766	-0.50000	0.0	0.0	0.0
	60.00000	-13.00000	0.00000	-0.025029	-0.50000	0.0	0.0	0.0
	-20.00000	-12.00000	0.00000	-0.077368	-0.50000	0.0	0.0	0.0
	-19.00000	-12.00000	0.00000	-0.13480	-0.50000	0.0	0.0	0.0
	-18.00000	-12.00000	0.00000	-0.19647	-0.50000	0.0	0.0	0.0
	-17.00000	-12.00000	0.00000	-0.26259	-0.50000	0.0	0.0	0.0
	-16.00000	-12.00000	0.00000	-0.33338	-0.50000	0.0	0.0	0.0
	-15.00000	-12.00000	0.00000	-0.40904	-0.50000	0.0	0.0	0.0
	-14.00000	-12.00000	0.00000	-0.48977	-0.50000	0.0	0.0	0.0
	-13.00000	-12.00000	0.00000	-0.57577	-0.50000	0.0	0.0	0.0
	-12.00000	-12.00000	0.00000	-0.66719	-0.50000	0.0	0.0	0.0
	-11.00000	-12.00000	0.00000	-0.76420	-0.50000	0.0	0.0	0.0
	-10.00000	-12.00000	0.00000	-0.86690	-0.50000	0.0	0.0	0.0
	-9.00000	-12.00000	0.00000	-0.97536	-0.50000	0.0	0.0	0.0
	-8.00000	-12.00000	0.00000	-1.0896	-0.50000	0.0	0.0	0.0
	-7.00000	-12.00000	0.00000	-1.2095	-0.50000	0.0	0.0	0.0
	-6.00000	-12.00000	0.00000	-1.3350	-0.50000	0.0	0.0	0.0
	-5.00000	-12.00000	0.00000	-1.4657	-0.50000	0.0	0.0	0.0
	-4.00000	-12.00000	0.00000	-1.6014	-0.50000	0.0	0.0	0.0
	-3.00000	-12.00000	0.00000	-1.7414	-0.50000	0.0	0.0	0.0
	-2.00000	-12.00000	0.00000	-1.8851	-0.50000	0.0	0.0	0.0
	-1.00000	-12.00000	0.00000	-2.0316	-0.50000	0.0	0.0	0.0
	0.00000	-12.00000	0.00000	-2.1800	-0.50000	0.0	0.0	0.0
	1.00000	-12.00000	0.00000	-2.3292	-0.50000	0.0	0.0	0.0
	2.00000	-12.00000	0.00000	-2.4779	-0.50000	0.0	0.0	0.0
	3.00000	-12.00000	0.00000	-2.6249	-0.50000	0.0	0.0	0.0
	4.00000	-12.00000	0.00000	-2.7688	-0.50000	0.0	0.0	0.0
	5.00000	-12.00000	0.00000	-2.9086	-0.50000	0.0	0.0	0.0
	6.00000	-12.00000	0.00000	-3.0430	-0.50000	0.0	0.0	0.0
	7.00000	-12.00000	0.00000	-3.1711	-0.50000	0.0	0.0	0.0
	8.00000	-12.00000	0.00000	-3.2919	-0.50000	0.0	0.0	0.0
	9.00000	-12.00000	0.00000	-3.4046	-0.50000	0.0	0.0	0.0
	10.00000	-12.00000	0.00000	-3.5087	-0.50000	0.0	0.0	0.0
	11.00000	-12.00000	0.00000	-3.6037	-0.50000	0.0	0.0	0.0
	12.00000	-12.00000	0.00000	-3.6893	-0.50000	0.0	0.0	0.0
	13.00000	-12.00000	0.00000	-3.7653	-0.50000	0.0	0.0	0.0
	14.00000	-12.00000	0.00000	-3.8309	-0.50000	0.0	0.0	0.0
	15.00000	-12.00000	0.00000	-3.8867	-0.50000	0.0	0.0	0.0
	16.00000	-12.00000	0.00000	-3.9322	-0.50000	0.0	0.0	0.0
	17.00000	-12.00000	0.00000	-3.9675	-0.50000	0.0	0.0	0.0
	18.00000	-12.00000	0.00000	-3.9926	-0.50000	0.0	0.0	0.0
	19.00000	-12.00000	0.00000	-4.0073	-0.50000	0.0	0.0	0.0
	20.00000	-12.00000	0.00000	-4.0118	-0.50000	0.0	0.0	0.0
	21.00000	-12.00000	0.00000	-4.0059	-0.50000	0.0	0.0	0.0
	22.00000	-12.00000	0.00000	-3.9898	-0.50000	0.0	0.0	0.0
	23.00000	-12.00000	0.00000	-3.9633	-0.50000	0.0	0.0	0.0
	24.00000	-12.00000	0.00000	-3.9266	-0.50000	0.0	0.0	0.0
	25.00000	-12.00000	0.00000	-3.8796	-0.50000	0.0	0.0	0.0
	26.00000	-12.00000	0.00000	-3.8225	-0.50000	0.0	0.0	0.0
	27.00000	-12.00000	0.00000	-3.7554	-0.50000	0.0	0.0	0.0
	28.00000	-12.00000	0.00000	-3.6783	-0.50000	0.0	0.0	0.0
	29.00000	-12.00000	0.00000	-3.5915	-0.50000	0.0	0.0	0.0
	30.00000	-12.00000	0.00000	-3.4953	-0.50000	0.0	0.0	0.0
	31.00000	-12.00000	0.00000	-3.3900	-0.50000	0.0	0.0	0.0
	32.00000	-12.00000	0.00000	-3.2761	-0.50000	0.0	0.0	0.0
	33.00000	-12.00000	0.00000	-3.1543	-0.50000	0.0	0.0	0.0
	34.00000	-12.00000	0.00000	-3.0253	-0.50000	0.0	0.0	0.0
	35.00000	-12.00000	0.00000	-2.8900	-0.50000	0.0	0.0	0.0
	36.00000	-12.00000	0.00000	-2.7495	-0.50000	0.0	0.0	0.0
	37.00000	-12.00000	0.00000	-2.6048	-0.50000	0.0	0.0	0.0
	38.00000	-12.00000	0.00000	-2.4572	-0.50000	0.0	0.0	0.0
	39.00000	-12.00000	0.00000	-2.3080	-0.50000	0.0	0.0	0.0
	40.00000	-12.00000	0.00000	-2.1584	-0.50000	0.0	0.0	0.0
	41.00000	-12.00000	0.00000	-2.0097	-0.50000	0.0	0.0	0.0
	42.00000	-12.00000	0.00000	-1.8630	-0.50000	0.0	0.0	0.0
	43.00000	-12.00000	0.00000	-1.7192	-0.50000	0.0	0.0	0.0
	44.00000	-12.00000	0.00000	-1.5792	-0.50000	0.0	0.0	0.0
	45.00000	-12.00000	0.00000	-1.4436	-0.50000	0.0	0.0	0.0
	46.00000	-12.00000	0.00000	-1.3131	-0.50000	0.0	0.0	0.0
	47.00000	-12.00000	0.00000	-1.1879	-0.50000	0.0	0.0	0.0
	48.00000	-12.00000	0.00000	-1.0683	-0.50000	0.0	0.0	0.0
	49.00000	-12.00000	0.00000	-0.95445	-0.50000	0.0	0.0	0.0
	50.00000	-12.00000	0.00000	-0.84646	-0.50000	0.0	0.0	0.0
	51.00000	-12.00000	0.00000	-0.74428	-0.50000	0.0	0.0	0.0
	52.00000	-12.00000	0.00000	-0.64784	-0.50000	0.0	0.0	0.0
	53.00000	-12.00000	0.00000	-0.55701	-0.50000	0.0	0.0	0.0
	54.00000	-12.00000	0.00000	-0.47165	-0.50000	0.0	0.0	0.0
	55.00000	-12.00000	0.00000	-0.39158	-0.50000	0.0	0.0	0.0
	56.00000	-12.00000	0.00000	-0.31660	-0.50000	0.0	0.0	0.0
	57.00000	-12.00000	0.00000	-0.24650	-0.50000	0.0	0.0	0.0
	58.00000	-12.00000	0.00000	-0.18105	-0.50000	0.0	0.0	0.0
	59.00000	-12.00000	0.00000	-0.12011	-0.50000	0.0	0.0	0.0
	60.00000	-12.00000	0.00000	-0.063370	-0.50000	0.0	0.0	0.0
	-20.00000	-11.00000	0.00000	-0.11810	-0.50000	0.0	0.0	0.0
	-19.00000	-11.00000	0.00000	-0.17980	-0.50000	0.0	0.0	0.0
	-18.00000	-11.00000	0.00000	-0.24616	-0.50000	0.0	0.0	0.0
	-17.00000	-11.00000	0.00000	-0.31744	-0.50000	0.0	0.0	0.0
	-16.00000	-11.00000	0.00000	-0.39388	-0.50000	0.0	0.0	0.0
	-15.00000	-11.00000	0.00000	-0.47576	-0.50000	0.0	0.0	0.0
	-14.00000	-11.00000	0.00000	-0.56332	-0.50000	0.0	0.0	0.0
	-13.00000	-11.00000	0.00000	-0.65681	-0.50000	0.0	0.0	0.0
	-12.00000	-11.00000	0.00000	-0.75647	-0.50000	0.0	0.0	0.0
	-11.00000	-11.00000	0.00000	-0.86251	-0.50000	0.0	0.0	0.0
	-10.00000	-11.00000	0.00000	-0.97510	-0.50000	0.0	0.0	0.0
	-9.00000	-11.00000	0.00000	-1.0944	-0.50000	0.0	0.0	0.0
	-8.00000	-11.00000	0.00000	-1.2205	-0.50000	0.0	0.0	0.0
	-7.00000	-11.00000	0.00000	-1.3533	-0.50000	0.0	0.0	0.0
	-6.00000	-11.00000	0.00000	-1.4927	-0.50000	0.0	0.0	0.0
	-5.00000	-11.00000	0.00000	-1.6386	-0.50000	0.0	0.0	0.0
	-4.00000	-11.00000	0.00000	-1.7906	-0.50000	0.0	0.0	0.0
	-3.00000	-11.00000	0.00000	-1.9480	-0.50000	0.0	0.0	0.0
	-2.00000	-11.00000	0.00000	-2.1101	-0.50000	0.0	0.0	0.0
	-1.00000	-11.00000	0.00000	-2.2760	-0.50000	0.0	0.0	0.0
	0.00000	-11.00000	0.00000	-2.4444	-0.50000	0.0	0.0	0.0
	1.00000	-11.00000	0.00000	-2.6141	-0.50000	0.0	0.0	0.0
	2.00000	-11.00000	0.00000	-2.7835	-0.50000	0.0	0.0	0.0
	3.00000	-11.00000	0.00000	-2.9510	-0.50000	0.0	0.0	0.0
	4.00000	-11.00000	0.00000	-3.1151	-0.50000	0.0	0.0	0.0
	5.00000	-11.00000	0.00000	-3.2744	-0.50000	0.0	0.0	0.0
	6.00000	-11.00000	0.00000	-3.4273	-0.50000	0.0	0.0	0.0
	7.00000	-11.00000	0.00000	-3.5727	-0.50000	0.0	0.0	0.0
	8.00000	-11.00000	0.00000	-3.7095	-0.50000	0.0	0.0	0.0
	9.00000	-11.00000	0.00000	-3.8370	-0.50000	0.0	0.0	0.0
	10.00000	-11.00000	0.00000	-3.9544	-0.50000	0.0	0.0	0.0
	11.00000	-11.00000	0.00000	-4.0613	-0.50000	0.0	0.0	0.0
	12.00000	-11.00000	0.00000	-4.1572	-0.50000	0.0	0.0	0.0
	13.00000	-11.00000	0.00000	-4.2421	-0.50000	0.0	0.0	0.0
	14.00000	-11.00000	0.00000	-4.3157	-0.50000	0.0	0.0	0.0
	15.00000	-11.00000	0.00000	-4.3779	-0.50000	0.0	0.0	0.0
	16.00000	-11.00000	0.0000					



73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		Vert Strain [-]
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	
	6.00000	-9.00000	0.00000	-4.3511	-0.50000	0.0	0.0	0.0
	7.00000	-9.00000	0.00000	-4.5403	-0.50000	0.0	0.0	0.0
	8.00000	-9.00000	0.00000	-4.7172	-0.50000	0.0	0.0	0.0
	9.00000	-9.00000	0.00000	-4.8809	-0.50000	0.0	0.0	0.0
	10.00000	-9.00000	0.00000	-5.0307	-0.50000	0.0	0.0	0.0
	11.00000	-9.00000	0.00000	-5.1661	-0.50000	0.0	0.0	0.0
	12.00000	-9.00000	0.00000	-5.2870	-0.50000	0.0	0.0	0.0
	13.00000	-9.00000	0.00000	-5.3933	-0.50000	0.0	0.0	0.0
	14.00000	-9.00000	0.00000	-5.4851	-0.50000	0.0	0.0	0.0
	15.00000	-9.00000	0.00000	-5.5623	-0.50000	0.0	0.0	0.0
	16.00000	-9.00000	0.00000	-5.6251	-0.50000	0.0	0.0	0.0
	17.00000	-9.00000	0.00000	-5.6736	-0.50000	0.0	0.0	0.0
	18.00000	-9.00000	0.00000	-5.7079	-0.50000	0.0	0.0	0.0
	19.00000	-9.00000	0.00000	-5.7281	-0.50000	0.0	0.0	0.0
	20.00000	-9.00000	0.00000	-5.7341	-0.50000	0.0	0.0	0.0
	21.00000	-9.00000	0.00000	-5.7261	-0.50000	0.0	0.0	0.0
	22.00000	-9.00000	0.00000	-5.7041	-0.50000	0.0	0.0	0.0
	23.00000	-9.00000	0.00000	-5.6679	-0.50000	0.0	0.0	0.0
	24.00000	-9.00000	0.00000	-5.6175	-0.50000	0.0	0.0	0.0
	25.00000	-9.00000	0.00000	-5.5528	-0.50000	0.0	0.0	0.0
	26.00000	-9.00000	0.00000	-5.4738	-0.50000	0.0	0.0	0.0
	27.00000	-9.00000	0.00000	-5.3802	-0.50000	0.0	0.0	0.0
	28.00000	-9.00000	0.00000	-5.2721	-0.50000	0.0	0.0	0.0
	29.00000	-9.00000	0.00000	-5.1495	-0.50000	0.0	0.0	0.0
	30.00000	-9.00000	0.00000	-5.0123	-0.50000	0.0	0.0	0.0
	31.00000	-9.00000	0.00000	-4.8610	-0.50000	0.0	0.0	0.0
	32.00000	-9.00000	0.00000	-4.6957	-0.50000	0.0	0.0	0.0
	33.00000	-9.00000	0.00000	-4.5174	-0.50000	0.0	0.0	0.0
	34.00000	-9.00000	0.00000	-4.3268	-0.50000	0.0	0.0	0.0
	35.00000	-9.00000	0.00000	-4.1255	-0.50000	0.0	0.0	0.0
	36.00000	-9.00000	0.00000	-3.9151	-0.50000	0.0	0.0	0.0
	37.00000	-9.00000	0.00000	-3.6978	-0.50000	0.0	0.0	0.0
	38.00000	-9.00000	0.00000	-3.4760	-0.50000	0.0	0.0	0.0
	39.00000	-9.00000	0.00000	-3.2522	-0.50000	0.0	0.0	0.0
	40.00000	-9.00000	0.00000	-3.0291	-0.50000	0.0	0.0	0.0
	41.00000	-9.00000	0.00000	-2.8089	-0.50000	0.0	0.0	0.0
	42.00000	-9.00000	0.00000	-2.5939	-0.50000	0.0	0.0	0.0
	43.00000	-9.00000	0.00000	-2.3856	-0.50000	0.0	0.0	0.0
	44.00000	-9.00000	0.00000	-2.1853	-0.50000	0.0	0.0	0.0
	45.00000	-9.00000	0.00000	-1.9940	-0.50000	0.0	0.0	0.0
	46.00000	-9.00000	0.00000	-1.8121	-0.50000	0.0	0.0	0.0
	47.00000	-9.00000	0.00000	-1.6399	-0.50000	0.0	0.0	0.0
	48.00000	-9.00000	0.00000	-1.4775	-0.50000	0.0	0.0	0.0
	49.00000	-9.00000	0.00000	-1.3248	-0.50000	0.0	0.0	0.0
	50.00000	-9.00000	0.00000	-1.1815	-0.50000	0.0	0.0	0.0
	51.00000	-9.00000	0.00000	-1.0474	-0.50000	0.0	0.0	0.0
	52.00000	-9.00000	0.00000	-0.92197	-0.50000	0.0	0.0	0.0
	53.00000	-9.00000	0.00000	-0.80493	-0.50000	0.0	0.0	0.0
	54.00000	-9.00000	0.00000	-0.69585	-0.50000	0.0	0.0	0.0
	55.00000	-9.00000	0.00000	-0.59430	-0.50000	0.0	0.0	0.0
	56.00000	-9.00000	0.00000	-0.49987	-0.50000	0.0	0.0	0.0
	57.00000	-9.00000	0.00000	-0.41217	-0.50000	0.0	0.0	0.0
	58.00000	-9.00000	0.00000	-0.33079	-0.50000	0.0	0.0	0.0
	59.00000	-9.00000	0.00000	-0.25536	-0.50000	0.0	0.0	0.0
	60.00000	-9.00000	0.00000	-0.18551	-0.50000	0.0	0.0	0.0
	-20.00000	-8.00000	0.00000	-0.24726	-0.50000	0.0	0.0	0.0
	-19.00000	-8.00000	0.00000	-0.32289	-0.50000	0.0	0.0	0.0
	-18.00000	-8.00000	0.00000	-0.40465	-0.50000	0.0	0.0	0.0
	-17.00000	-8.00000	0.00000	-0.49294	-0.50000	0.0	0.0	0.0
	-16.00000	-8.00000	0.00000	-0.58821	-0.50000	0.0	0.0	0.0
	-15.00000	-8.00000	0.00000	-0.69093	-0.50000	0.0	0.0	0.0
	-14.00000	-8.00000	0.00000	-0.80157	-0.50000	0.0	0.0	0.0
	-13.00000	-8.00000	0.00000	-0.92065	-0.50000	0.0	0.0	0.0
	-12.00000	-8.00000	0.00000	-1.0487	-0.50000	0.0	0.0	0.0
	-11.00000	-8.00000	0.00000	-1.1862	-0.50000	0.0	0.0	0.0
	-10.00000	-8.00000	0.00000	-1.3337	-0.50000	0.0	0.0	0.0
	-9.00000	-8.00000	0.00000	-1.4918	-0.50000	0.0	0.0	0.0
	-8.00000	-8.00000	0.00000	-1.6608	-0.50000	0.0	0.0	0.0
	-7.00000	-8.00000	0.00000	-1.8413	-0.50000	0.0	0.0	0.0
	-6.00000	-8.00000	0.00000	-2.0334	-0.50000	0.0	0.0	0.0
	-5.00000	-8.00000	0.00000	-2.2374	-0.50000	0.0	0.0	0.0
	-4.00000	-8.00000	0.00000	-2.4530	-0.50000	0.0	0.0	0.0
	-3.00000	-8.00000	0.00000	-2.6800	-0.50000	0.0	0.0	0.0
	-2.00000	-8.00000	0.00000	-2.9172	-0.50000	0.0	0.0	0.0
	-1.00000	-8.00000	0.00000	-3.1634	-0.50000	0.0	0.0	0.0
	0.00000	-8.00000	0.00000	-3.4165	-0.50000	0.0	0.0	0.0
	1.00000	-8.00000	0.00000	-3.6739	-0.50000	0.0	0.0	0.0
	2.00000	-8.00000	0.00000	-3.9324	-0.50000	0.0	0.0	0.0
	3.00000	-8.00000	0.00000	-4.1887	-0.50000	0.0	0.0	0.0
	4.00000	-8.00000	0.00000	-4.4394	-0.50000	0.0	0.0	0.0
	5.00000	-8.00000	0.00000	-4.6813	-0.50000	0.0	0.0	0.0
	6.00000	-8.00000	0.00000	-4.9118	-0.50000	0.0	0.0	0.0
	7.00000	-8.00000	0.00000	-5.1288	-0.50000	0.0	0.0	0.0
	8.00000	-8.00000	0.00000	-5.3308	-0.50000	0.0	0.0	0.0
	9.00000	-8.00000	0.00000	-5.5168	-0.50000	0.0	0.0	0.0
	10.00000	-8.00000	0.00000	-5.6862	-0.50000	0.0	0.0	0.0
	11.00000	-8.00000	0.00000	-5.8387	-0.50000	0.0	0.0	0.0
	12.00000	-8.00000	0.00000	-5.9744	-0.50000	0.0	0.0	0.0
	13.00000	-8.00000	0.00000	-6.0932	-0.50000	0.0	0.0	0.0
	14.00000	-8.00000	0.00000	-6.1955	-0.50000	0.0	0.0	0.0
	15.00000	-8.00000	0.00000	-6.2813	-0.50000	0.0	0.0	0.0
	16.00000	-8.00000	0.00000	-6.3510	-0.50000	0.0	0.0	0.0
	17.00000	-8.00000	0.00000	-6.4047	-0.50000	0.0	0.0	0.0
	18.00000	-8.00000	0.00000	-6.4427	-0.50000	0.0	0.0	0.0
	19.00000	-8.00000	0.00000	-6.4650	-0.50000	0.0	0.0	0.0
	20.00000	-8.00000	0.00000	-6.4717	-0.50000	0.0	0.0	0.0
	21.00000	-8.00000	0.00000	-6.4629	-0.50000	0.0	0.0	0.0
	22.00000	-8.00000	0.00000	-6.4385	-0.50000	0.0	0.0	0.0
	23.00000	-8.00000	0.00000	-6.3984	-0.50000	0.0	0.0	0.0
	24.00000	-8.00000	0.00000	-6.3426	-0.50000	0.0	0.0	0.0
	25.00000	-8.00000	0.00000	-6.2709	-0.50000	0.0	0.0	0.0
	26.00000	-8.00000	0.00000	-6.1830	-0.50000	0.0	0.0	0.0
	27.00000	-8.00000	0.00000	-6.0787	-0.50000	0.0	0.0	0.0
	28.00000	-8.00000	0.00000	-5.9579	-0.50000	0.0	0.0	0.0
	29.00000	-8.00000	0.00000	-5.8203	-0.50000	0.0	0.0	0.0
	30.00000	-8.00000	0.00000	-5.6659	-0.50000	0.0	0.0	0.0
	31.00000	-8.00000	0.00000	-5.4947	-0.50000	0.0	0.0	0.0
	32.00000	-8.00000	0.00000	-5.3070	-0.50000	0.0	0.0	0.0
	33.00000	-8.00000	0.00000	-5.1034	-0.50000	0.0	0.0	0.0
	34.00000	-8.00000	0.00000	-4.8849	-0.50000	0.0	0.0	0.0
	35.00000	-8.00000	0.00000	-4.6530	-0.5000			

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	45.00000	-6.00000	0.00000	-2.6677	-0.50000	0.0	0.0	0.0
	46.00000	-6.00000	0.00000	-2.4123	-0.50000	0.0	0.0	0.0
	47.00000	-6.00000	0.00000	-2.1751	-0.50000	0.0	0.0	0.0
	48.00000	-6.00000	0.00000	-1.9552	-0.50000	0.0	0.0	0.0
	49.00000	-6.00000	0.00000	-1.7516	-0.50000	0.0	0.0	0.0
	50.00000	-6.00000	0.00000	-1.5633	-0.50000	0.0	0.0	0.0
	51.00000	-6.00000	0.00000	-1.3891	-0.50000	0.0	0.0	0.0
	52.00000	-6.00000	0.00000	-1.2283	-0.50000	0.0	0.0	0.0
	53.00000	-6.00000	0.00000	-1.0797	-0.50000	0.0	0.0	0.0
	54.00000	-6.00000	0.00000	-0.94243	-0.50000	0.0	0.0	0.0
	55.00000	-6.00000	0.00000	-0.81577	-0.50000	0.0	0.0	0.0
	56.00000	-6.00000	0.00000	-0.69889	-0.50000	0.0	0.0	0.0
	57.00000	-6.00000	0.00000	-0.59108	-0.50000	0.0	0.0	0.0
	58.00000	-6.00000	0.00000	-0.49167	-0.50000	0.0	0.0	0.0
	59.00000	-6.00000	0.00000	-0.40005	-0.50000	0.0	0.0	0.0
	60.00000	-6.00000	0.00000	-0.31565	-0.50000	0.0	0.0	0.0
	-20.00000	-5.00000	0.00000	-0.38383	-0.50000	0.0	0.0	0.0
	-19.00000	-5.00000	0.00000	-0.47482	-0.50000	0.0	0.0	0.0
	-18.00000	-5.00000	0.00000	-0.57368	-0.50000	0.0	0.0	0.0
	-17.00000	-5.00000	0.00000	-0.68105	-0.50000	0.0	0.0	0.0
	-16.00000	-5.00000	0.00000	-0.79763	-0.50000	0.0	0.0	0.0
	-15.00000	-5.00000	0.00000	-0.92420	-0.50000	0.0	0.0	0.0
	-14.00000	-5.00000	0.00000	-1.0616	-0.50000	0.0	0.0	0.0
	-13.00000	-5.00000	0.00000	-1.2107	-0.50000	0.0	0.0	0.0
	-12.00000	-5.00000	0.00000	-1.3725	-0.50000	0.0	0.0	0.0
	-11.00000	-5.00000	0.00000	-1.5482	-0.50000	0.0	0.0	0.0
	-10.00000	-5.00000	0.00000	-1.7388	-0.50000	0.0	0.0	0.0
	-9.00000	-5.00000	0.00000	-1.9458	-0.50000	0.0	0.0	0.0
	-8.00000	-5.00000	0.00000	-2.1705	-0.50000	0.0	0.0	0.0
	-7.00000	-5.00000	0.00000	-2.4144	-0.50000	0.0	0.0	0.0
	-6.00000	-5.00000	0.00000	-2.6790	-0.50000	0.0	0.0	0.0
	-5.00000	-5.00000	0.00000	-2.9659	-0.50000	0.0	0.0	0.0
	-4.00000	-5.00000	0.00000	-3.2764	-0.50000	0.0	0.0	0.0
	-3.00000	-5.00000	0.00000	-3.6116	-0.50000	0.0	0.0	0.0
	-2.00000	-5.00000	0.00000	-3.9719	-0.50000	0.0	0.0	0.0
	-1.00000	-5.00000	0.00000	-4.3562	-0.50000	0.0	0.0	0.0
	0.00000	-5.00000	0.00000	-4.7617	-0.50000	0.0	0.0	0.0
	1.00000	-5.00000	0.00000	-5.1830	-0.50000	0.0	0.0	0.0
	2.00000	-5.00000	0.00000	-5.6117	-0.50000	0.0	0.0	0.0
	3.00000	-5.00000	0.00000	-6.0377	-0.50000	0.0	0.0	0.0
	4.00000	-5.00000	0.00000	-6.4509	-0.50000	0.0	0.0	0.0
	5.00000	-5.00000	0.00000	-6.8430	-0.50000	0.0	0.0	0.0
	6.00000	-5.00000	0.00000	-7.2085	-0.50000	0.0	0.0	0.0
	7.00000	-5.00000	0.00000	-7.5444	-0.50000	0.0	0.0	0.0
	8.00000	-5.00000	0.00000	-7.8497	-0.50000	0.0	0.0	0.0
	9.00000	-5.00000	0.00000	-8.1246	-0.50000	0.0	0.0	0.0
	10.00000	-5.00000	0.00000	-8.3700	-0.50000	0.0	0.0	0.0
	11.00000	-5.00000	0.00000	-8.5871	-0.50000	0.0	0.0	0.0
	12.00000	-5.00000	0.00000	-8.7772	-0.50000	0.0	0.0	0.0
	13.00000	-5.00000	0.00000	-8.9417	-0.50000	0.0	0.0	0.0
	14.00000	-5.00000	0.00000	-9.0815	-0.50000	0.0	0.0	0.0
	15.00000	-5.00000	0.00000	-9.1979	-0.50000	0.0	0.0	0.0
	16.00000	-5.00000	0.00000	-9.2917	-0.50000	0.0	0.0	0.0
	17.00000	-5.00000	0.00000	-9.3636	-0.50000	0.0	0.0	0.0
	18.00000	-5.00000	0.00000	-9.4141	-0.50000	0.0	0.0	0.0
	19.00000	-5.00000	0.00000	-9.4437	-0.50000	0.0	0.0	0.0
	20.00000	-5.00000	0.00000	-9.4526	-0.50000	0.0	0.0	0.0
	21.00000	-5.00000	0.00000	-9.4409	-0.50000	0.0	0.0	0.0
	22.00000	-5.00000	0.00000	-9.4085	-0.50000	0.0	0.0	0.0
	23.00000	-5.00000	0.00000	-9.3552	-0.50000	0.0	0.0	0.0
	24.00000	-5.00000	0.00000	-9.2805	-0.50000	0.0	0.0	0.0
	25.00000	-5.00000	0.00000	-9.1839	-0.50000	0.0	0.0	0.0
	26.00000	-5.00000	0.00000	-9.0647	-0.50000	0.0	0.0	0.0
	27.00000	-5.00000	0.00000	-8.9221	-0.50000	0.0	0.0	0.0
	28.00000	-5.00000	0.00000	-8.7549	-0.50000	0.0	0.0	0.0
	29.00000	-5.00000	0.00000	-8.5620	-0.50000	0.0	0.0	0.0
	30.00000	-5.00000	0.00000	-8.3423	-0.50000	0.0	0.0	0.0
	31.00000	-5.00000	0.00000	-8.0943	-0.50000	0.0	0.0	0.0
	32.00000	-5.00000	0.00000	-7.8169	-0.50000	0.0	0.0	0.0
	33.00000	-5.00000	0.00000	-7.5093	-0.50000	0.0	0.0	0.0
	34.00000	-5.00000	0.00000	-7.1712	-0.50000	0.0	0.0	0.0
	35.00000	-5.00000	0.00000	-6.8037	-0.50000	0.0	0.0	0.0
	36.00000	-5.00000	0.00000	-6.4098	-0.50000	0.0	0.0	0.0
	37.00000	-5.00000	0.00000	-5.9950	-0.50000	0.0	0.0	0.0
	38.00000	-5.00000	0.00000	-5.5677	-0.50000	0.0	0.0	0.0
	39.00000	-5.00000	0.00000	-5.1380	-0.50000	0.0	0.0	0.0
	40.00000	-5.00000	0.00000	-4.7161	-0.50000	0.0	0.0	0.0
	41.00000	-5.00000	0.00000	-4.3101	-0.50000	0.0	0.0	0.0
	42.00000	-5.00000	0.00000	-3.9256	-0.50000	0.0	0.0	0.0
	43.00000	-5.00000	0.00000	-3.5654	-0.50000	0.0	0.0	0.0
	44.00000	-5.00000	0.00000	-3.2305	-0.50000	0.0	0.0	0.0
	45.00000	-5.00000	0.00000	-2.9206	-0.50000	0.0	0.0	0.0
	46.00000	-5.00000	0.00000	-2.6345	-0.50000	0.0	0.0	0.0
	47.00000	-5.00000	0.00000	-2.3709	-0.50000	0.0	0.0	0.0
	48.00000	-5.00000	0.00000	-2.1281	-0.50000	0.0	0.0	0.0
	49.00000	-5.00000	0.00000	-1.9048	-0.50000	0.0	0.0	0.0
	50.00000	-5.00000	0.00000	-1.6992	-0.50000	0.0	0.0	0.0
	51.00000	-5.00000	0.00000	-1.5100	-0.50000	0.0	0.0	0.0
	52.00000	-5.00000	0.00000	-1.3359	-0.50000	0.0	0.0	0.0
	53.00000	-5.00000	0.00000	-1.1757	-0.50000	0.0	0.0	0.0
	54.00000	-5.00000	0.00000	-1.0282	-0.50000	0.0	0.0	0.0
	55.00000	-5.00000	0.00000	-0.89251	-0.50000	0.0	0.0	0.0
	56.00000	-5.00000	0.00000	-0.76758	-0.50000	0.0	0.0	0.0
	57.00000	-5.00000	0.00000	-0.65262	-0.50000	0.0	0.0	0.0
	58.00000	-5.00000	0.00000	-0.54683	-0.50000	0.0	0.0	0.0
	59.00000	-5.00000	0.00000	-0.44952	-0.50000	0.0	0.0	0.0
	60.00000	-5.00000	0.00000	-0.36003	-0.50000	0.0	0.0	0.0
	-20.00000	-4.00000	0.00000	-0.43017	-0.50000	0.0	0.0	0.0
	-19.00000	-4.00000	0.00000	-0.52650	-0.50000	0.0	0.0	0.0
	-18.00000	-4.00000	0.00000	-0.63133	-0.50000	0.0	0.0	0.0
	-17.00000	-4.00000	0.00000	-0.74541	-0.50000	0.0	0.0	0.0
	-16.00000	-4.00000	0.00000	-0.86953	-0.50000	0.0	0.0	0.0
	-15.00000	-4.00000	0.00000	-1.0046	-0.50000	0.0	0.0	0.0
	-14.00000	-4.00000	0.00000	-1.1515	-0.50000	0.0	0.0	0.0
	-13.00000	-4.00000	0.00000	-1.3115	-0.50000	0.0	0.0	0.0
	-12.00000	-4.00000	0.00000	-1.4856	-0.50000	0.0	0.0	0.0
	-11.00000	-4.00000	0.00000	-1.6753	-0.50000	0.0	0.0	0.0
	-10.00000	-4.00000	0.00000	-1.8820	-0.50000	0.0	0.0	0.0
	-9.00000	-4.00000	0.00000	-2.1075	-0.50000	0.0	0.0	0.0
	-8.00000	-4.00000	0.00000	-2.3536	-0.50000	0.0	0.0	0.0
	-7.00000	-4.00000	0.00000	-2.6223	-0.50000	0.0	0.0	0.0
	-6.00000	-4.00000	0.00000	-2.9160	-0.50000	0.0	0.0	0.0
	-5.00000	-4.00000	0.00000	-3.2372	-0.50000	0.0	0.0	0.0
	-4.00000	-4.00000	0.00000	-3.5883	-0.50000	0.0	0.0	0.0
	-3.00000	-4.00000	0.00000	-3.9717	-0.50000	0.0	0.0	0.0
	-2.00000	-4.00000	0.00000	-4.3895	-0.50000	0.0	0.0	0.0
	-1.00000	-4.00000	0.00000	-4.8421	-0.50000	0.0	0.0	0.0
	0.00000	-4.00000	0.00000	-5.3274	-0.50000	0.0	0.0	0.0
	1.00000	-4.00000	0.00000	-5.8386	-0.50000	0.0	0.0	0.0
	2.00000	-4.00000	0.00000	-6.3636	-0.50000	0.0	0.0	0.0
	3.00000	-4.00000	0.00000	-6.8857	-0.50000	0.0	0.0	0.0
	4.00000	-4.00000	0.00000	-7.3885	-0.50000	0.0	0.0	0.0
	5.00000	-4.00000	0.00000	-7.8594	-0.50000	0.0	0.0	0.0
	6.00000	-4.00000	0.00000	-8.2920	-0.50000	0.0	0.0	0.0
	7.00000	-4.00000	0.00000	-8.6840	-0.50000	0.0	0.0	0.0
	8.00000	-4.00000	0.00000	-9.0357	-0.50000	0.0	0.0	0.0
	9.00000	-4.00000	0.00000	-9.3490	-0.50000	0.0	0.0	0.0
	10.00000	-4.00000	0.00000	-9.6262	-0.50000	0.0	0.0	0.0
	11.00000	-4.00000	0.00000	-9.8695	-0.50000	0.0	0.0	0.0
	12.00000	-4.00000	0.00000	-10.081	-0.50000	0.0	0.0	0.0
	13.00000	-4.00000	0.00000	-10.263	-0.50000	0.0	0.0	0.0
	14.00000	-4.00000	0.00000	-10.418	-0.50000	0.0	0.0	0.0
	15.000							



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Vert Strain [-]
	3.00000	-2.00000	0.00000	-9.2644	-0.50000	0.0	0.0	0.0
	4.00000	-2.00000	0.00000	-10.070	-0.50000	0.0	0.0	0.0
	5.00000	-2.00000	0.00000	-10.781	-0.50000	0.0	0.0	0.0
	6.00000	-2.00000	0.00000	-11.400	-0.50000	0.0	0.0	0.0
	7.00000	-2.00000	0.00000	-11.936	-0.50000	0.0	0.0	0.0
	8.00000	-2.00000	0.00000	-12.402	-0.50000	0.0	0.0	0.0
	9.00000	-2.00000	0.00000	-12.806	-0.50000	0.0	0.0	0.0
	10.00000	-2.00000	0.00000	-13.156	-0.50000	0.0	0.0	0.0
	11.00000	-2.00000	0.00000	-13.458	-0.50000	0.0	0.0	0.0
	12.00000	-2.00000	0.00000	-13.717	-0.50000	0.0	0.0	0.0
	13.00000	-2.00000	0.00000	-13.938	-0.50000	0.0	0.0	0.0
	14.00000	-2.00000	0.00000	-14.123	-0.50000	0.0	0.0	0.0
	15.00000	-2.00000	0.00000	-14.276	-0.50000	0.0	0.0	0.0
	16.00000	-2.00000	0.00000	-14.398	-0.50000	0.0	0.0	0.0
	17.00000	-2.00000	0.00000	-14.491	-0.50000	0.0	0.0	0.0
	18.00000	-2.00000	0.00000	-14.556	-0.50000	0.0	0.0	0.0
	19.00000	-2.00000	0.00000	-14.594	-0.50000	0.0	0.0	0.0
	20.00000	-2.00000	0.00000	-14.606	-0.50000	0.0	0.0	0.0
	21.00000	-2.00000	0.00000	-14.591	-0.50000	0.0	0.0	0.0
	22.00000	-2.00000	0.00000	-14.549	-0.50000	0.0	0.0	0.0
	23.00000	-2.00000	0.00000	-14.480	-0.50000	0.0	0.0	0.0
	24.00000	-2.00000	0.00000	-14.383	-0.50000	0.0	0.0	0.0
	25.00000	-2.00000	0.00000	-14.257	-0.50000	0.0	0.0	0.0
	26.00000	-2.00000	0.00000	-14.101	-0.50000	0.0	0.0	0.0
	27.00000	-2.00000	0.00000	-13.911	-0.50000	0.0	0.0	0.0
	28.00000	-2.00000	0.00000	-13.687	-0.50000	0.0	0.0	0.0
	29.00000	-2.00000	0.00000	-13.423	-0.50000	0.0	0.0	0.0
	30.00000	-2.00000	0.00000	-13.117	-0.50000	0.0	0.0	0.0
	31.00000	-2.00000	0.00000	-12.764	-0.50000	0.0	0.0	0.0
	32.00000	-2.00000	0.00000	-12.356	-0.50000	0.0	0.0	0.0
	33.00000	-2.00000	0.00000	-11.887	-0.50000	0.0	0.0	0.0
	34.00000	-2.00000	0.00000	-11.347	-0.50000	0.0	0.0	0.0
	35.00000	-2.00000	0.00000	-10.726	-0.50000	0.0	0.0	0.0
	36.00000	-2.00000	0.00000	-10.012	-0.50000	0.0	0.0	0.0
	37.00000	-2.00000	0.00000	-9.2039	-0.50000	0.0	0.0	0.0
	38.00000	-2.00000	0.00000	-8.3271	-0.50000	0.0	0.0	0.0
	39.00000	-2.00000	0.00000	-7.4476	-0.50000	0.0	0.0	0.0
	40.00000	-2.00000	0.00000	-6.6314	-0.50000	0.0	0.0	0.0
	41.00000	-2.00000	0.00000	-5.9037	-0.50000	0.0	0.0	0.0
	42.00000	-2.00000	0.00000	-5.2624	-0.50000	0.0	0.0	0.0
	43.00000	-2.00000	0.00000	-4.6970	-0.50000	0.0	0.0	0.0
	44.00000	-2.00000	0.00000	-4.1965	-0.50000	0.0	0.0	0.0
	45.00000	-2.00000	0.00000	-3.7514	-0.50000	0.0	0.0	0.0
	46.00000	-2.00000	0.00000	-3.3538	-0.50000	0.0	0.0	0.0
	47.00000	-2.00000	0.00000	-2.9970	-0.50000	0.0	0.0	0.0
	48.00000	-2.00000	0.00000	-2.6758	-0.50000	0.0	0.0	0.0
	49.00000	-2.00000	0.00000	-2.3857	-0.50000	0.0	0.0	0.0
	50.00000	-2.00000	0.00000	-2.1230	-0.50000	0.0	0.0	0.0
	51.00000	-2.00000	0.00000	-1.8846	-0.50000	0.0	0.0	0.0
	52.00000	-2.00000	0.00000	-1.6678	-0.50000	0.0	0.0	0.0
	53.00000	-2.00000	0.00000	-1.4704	-0.50000	0.0	0.0	0.0
	54.00000	-2.00000	0.00000	-1.2904	-0.50000	0.0	0.0	0.0
	55.00000	-2.00000	0.00000	-1.1261	-0.50000	0.0	0.0	0.0
	56.00000	-2.00000	0.00000	-0.9759	-0.50000	0.0	0.0	0.0
	57.00000	-2.00000	0.00000	-0.83876	-0.50000	0.0	0.0	0.0
	58.00000	-2.00000	0.00000	-0.71323	-0.50000	0.0	0.0	0.0
	59.00000	-2.00000	0.00000	-0.59838	-0.50000	0.0	0.0	0.0
	60.00000	-2.00000	0.00000	-0.49288	-0.50000	0.0	0.0	0.0
	-20.00000	-1.00000	0.00000	-0.56849	-0.50000	0.0	0.0	0.0
	-19.00000	-1.00000	0.00000	-0.68112	-0.50000	0.0	0.0	0.0
	-18.00000	-1.00000	0.00000	-0.80428	-0.50000	0.0	0.0	0.0
	-17.00000	-1.00000	0.00000	-0.93898	-0.50000	0.0	0.0	0.0
	-16.00000	-1.00000	0.00000	-1.0864	-0.50000	0.0	0.0	0.0
	-15.00000	-1.00000	0.00000	-1.2478	-0.50000	0.0	0.0	0.0
	-14.00000	-1.00000	0.00000	-1.4246	-0.50000	0.0	0.0	0.0
	-13.00000	-1.00000	0.00000	-1.6187	-0.50000	0.0	0.0	0.0
	-12.00000	-1.00000	0.00000	-1.8318	-0.50000	0.0	0.0	0.0
	-11.00000	-1.00000	0.00000	-2.0663	-0.50000	0.0	0.0	0.0
	-10.00000	-1.00000	0.00000	-2.3248	-0.50000	0.0	0.0	0.0
	-9.00000	-1.00000	0.00000	-2.6105	-0.50000	0.0	0.0	0.0
	-8.00000	-1.00000	0.00000	-2.9271	-0.50000	0.0	0.0	0.0
	-7.00000	-1.00000	0.00000	-3.2793	-0.50000	0.0	0.0	0.0
	-6.00000	-1.00000	0.00000	-3.6727	-0.50000	0.0	0.0	0.0
	-5.00000	-1.00000	0.00000	-4.1146	-0.50000	0.0	0.0	0.0
	-4.00000	-1.00000	0.00000	-4.6142	-0.50000	0.0	0.0	0.0
	-3.00000	-1.00000	0.00000	-5.1837	-0.50000	0.0	0.0	0.0
	-2.00000	-1.00000	0.00000	-5.8396	-0.50000	0.0	0.0	0.0
	-1.00000	-1.00000	0.00000	-6.6049	-0.50000	0.0	0.0	0.0
	0.00000	-1.00000	0.00000	-7.5121	-0.50000	0.0	0.0	0.0
	1.00000	-1.00000	0.00000	-8.6020	-0.50000	0.0	0.0	0.0
	2.00000	-1.00000	0.00000	-9.8765	-0.50000	0.0	0.0	0.0
	3.00000	-1.00000	0.00000	-11.148	-0.50000	0.0	0.0	0.0
	4.00000	-1.00000	0.00000	-12.227	-0.50000	0.0	0.0	0.0
	5.00000	-1.00000	0.00000	-13.117	-0.50000	0.0	0.0	0.0
	6.00000	-1.00000	0.00000	-13.858	-0.50000	0.0	0.0	0.0
	7.00000	-1.00000	0.00000	-14.483	-0.50000	0.0	0.0	0.0
	8.00000	-1.00000	0.00000	-15.015	-0.50000	0.0	0.0	0.0
	9.00000	-1.00000	0.00000	-15.470	-0.50000	0.0	0.0	0.0
	10.00000	-1.00000	0.00000	-15.858	-0.50000	0.0	0.0	0.0
	11.00000	-1.00000	0.00000	-16.193	-0.50000	0.0	0.0	0.0
	12.00000	-1.00000	0.00000	-16.478	-0.50000	0.0	0.0	0.0
	13.00000	-1.00000	0.00000	-16.719	-0.50000	0.0	0.0	0.0
	14.00000	-1.00000	0.00000	-16.921	-0.50000	0.0	0.0	0.0
	15.00000	-1.00000	0.00000	-17.086	-0.50000	0.0	0.0	0.0
	16.00000	-1.00000	0.00000	-17.218	-0.50000	0.0	0.0	0.0
	17.00000	-1.00000	0.00000	-17.319	-0.50000	0.0	0.0	0.0
	18.00000	-1.00000	0.00000	-17.389	-0.50000	0.0	0.0	0.0
	19.00000	-1.00000	0.00000	-17.430	-0.50000	0.0	0.0	0.0
	20.00000	-1.00000	0.00000	-17.442	-0.50000	0.0	0.0	0.0
	21.00000	-1.00000	0.00000	-17.426	-0.50000	0.0	0.0	0.0
	22.00000	-1.00000	0.00000	-17.381	-0.50000	0.0	0.0	0.0
	23.00000	-1.00000	0.00000	-17.307	-0.50000	0.0	0.0	0.0
	24.00000	-1.00000	0.00000	-17.202	-0.50000	0.0	0.0	0.0
	25.00000	-1.00000	0.00000	-17.066	-0.50000	0.0	0.0	0.0
	26.00000	-1.00000	0.00000	-16.896	-0.50000	0.0	0.0	0.0
	27.00000	-1.00000	0.00000	-16.690	-0.50000	0.0	0.0	0.0
	28.00000	-1.00000	0.00000	-16.444	-0.50000	0.0	0.0	0.0
	29.00000	-1.00000	0.00000	-16.155	-0.50000	0.0	0.0	0.0
	30.00000	-1.00000	0.00000	-15.817	-0.50000	0.0	0.0	0.0
	31.00000	-1.00000	0.00000	-15.423	-0.50000	0.0	0.0	0.0
	32.00000	-1.00000	0.00000	-14.964	-0.50000	0.0	0.0	0.0
	33.00000	-1.00000	0.00000	-14.428	-0.50000	0.0	0.0	0.0
	34.00000	-1.00000	0.00000	-13.800	-0.50000	0.0	0.0	0.0
	35.00000	-1.00000	0.00000	-13.055	-0.50000	0.0	0.0	0.0
	36.00000	-1.00000	0.00000	-12.162	-0.50000	0.0	0.0	0.0
	37.00000	-1.00000	0.00000	-11.179	-0.50000	0.0	0.0	0.0
	38.00000	-1.00000	0.00000	-9.8060	-0.50000	0.0	0.0	0.0
	39.00000	-1.00000	0.00000	-8.5299	-0.50000	0.0	0.0	0.0
	40.00000	-1.00000	0.00000	-7.4389	-0.50000	0.0	0.0	0.0
	41.00000	-1.00000	0.00000	-6.5112	-0.50000	0.0	0.0	0.0
	42.00000	-1.00000	0.00000	-5.7660	-0.50000	0.0	0.0	0.0
	43.00000	-1.00000	0.00000	-5.1106	-0.50000	0.0	0.0	0.0
	44.00000	-1.00000	0.00000	-4.5422	-0.50000	0.0	0.0	0.0
	45.00000	-1.00000	0.00000	-4.0441	-0.50000	0.0	0.0	0.0
	46.00000	-1.00000	0.00000	-3.6041	-0.50000	0.0	0.0	0.0
	47.00000	-1.00000	0.00000	-3.2129	-0.50000	0.0	0.0	0.0
	48.00000	-1.00000	0.00000	-2.8631	-0.50000	0.0	0.0	0.0
	49.00000	-1.00000	0.00000	-2.5491	-0.50000	0.0	0.0	0.0
	50.00000	-1.00000	0.00000	-2.2662	-0.50000	0.0	0.0	0.0
	51.00000	-1.00000	0.00000	-2.0106	-0.50000	0.0	0.0	0.0
	52.00000	-1.00000	0.00000	-1.7790	-0.50000	0.0	0.0	0.0
	53.00000	-1.00000	0.00000	-1.5687	-0.50000	0.0	0.0	0.0
	54.00							



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	42.00000	1.00000	0.00000	-6.7950	-0.50000	0.0	0.0	0.0
	43.00000	1.00000	0.00000	-5.9475	-0.50000	0.0	0.0	0.0
	44.00000	1.00000	0.00000	-5.2369	-0.50000	0.0	0.0	0.0
	45.00000	1.00000	0.00000	-4.6294	-0.50000	0.0	0.0	0.0
	46.00000	1.00000	0.00000	-4.1027	-0.50000	0.0	0.0	0.0
	47.00000	1.00000	0.00000	-3.6413	-0.50000	0.0	0.0	0.0
	48.00000	1.00000	0.00000	-3.2339	-0.50000	0.0	0.0	0.0
	49.00000	1.00000	0.00000	-2.8718	-0.50000	0.0	0.0	0.0
	50.00000	1.00000	0.00000	-2.5483	-0.50000	0.0	0.0	0.0
	51.00000	1.00000	0.00000	-2.2582	-0.50000	0.0	0.0	0.0
	52.00000	1.00000	0.00000	-1.9970	-0.50000	0.0	0.0	0.0
	53.00000	1.00000	0.00000	-1.7613	-0.50000	0.0	0.0	0.0
	54.00000	1.00000	0.00000	-1.5480	-0.50000	0.0	0.0	0.0
	55.00000	1.00000	0.00000	-1.3547	-0.50000	0.0	0.0	0.0
	56.00000	1.00000	0.00000	-1.1792	-0.50000	0.0	0.0	0.0
	57.00000	1.00000	0.00000	-1.0196	-0.50000	0.0	0.0	0.0
	58.00000	1.00000	0.00000	-0.87439	-0.50000	0.0	0.0	0.0
	59.00000	1.00000	0.00000	-0.74213	-0.50000	0.0	0.0	0.0
	60.00000	1.00000	0.00000	-0.62261	-0.50000	0.0	0.0	0.0
	-20.00000	2.00000	0.00000	-0.70050	-0.50000	0.0	0.0	0.0
	-19.00000	2.00000	0.00000	-0.82912	-0.50000	0.0	0.0	0.0
	-18.00000	2.00000	0.00000	-0.97033	-0.50000	0.0	0.0	0.0
	-17.00000	2.00000	0.00000	-1.12255	-0.50000	0.0	0.0	0.0
	-16.00000	2.00000	0.00000	-1.2960	-0.50000	0.0	0.0	0.0
	-15.00000	2.00000	0.00000	-1.4838	-0.50000	0.0	0.0	0.0
	-14.00000	2.00000	0.00000	-1.6907	-0.50000	0.0	0.0	0.0
	-13.00000	2.00000	0.00000	-1.9191	-0.50000	0.0	0.0	0.0
	-12.00000	2.00000	0.00000	-2.1718	-0.50000	0.0	0.0	0.0
	-11.00000	2.00000	0.00000	-2.4520	-0.50000	0.0	0.0	0.0
	-10.00000	2.00000	0.00000	-2.7636	-0.50000	0.0	0.0	0.0
	-9.00000	2.00000	0.00000	-3.1115	-0.50000	0.0	0.0	0.0
	-8.00000	2.00000	0.00000	-3.5016	-0.50000	0.0	0.0	0.0
	-7.00000	2.00000	0.00000	-3.9414	-0.50000	0.0	0.0	0.0
	-6.00000	2.00000	0.00000	-4.4409	-0.50000	0.0	0.0	0.0
	-5.00000	2.00000	0.00000	-5.0130	-0.50000	0.0	0.0	0.0
	-4.00000	2.00000	0.00000	-5.6760	-0.50000	0.0	0.0	0.0
	-3.00000	2.00000	0.00000	-6.4564	-0.50000	0.0	0.0	0.0
	-2.00000	2.00000	0.00000	-7.3947	-0.50000	0.0	0.0	0.0
	-1.00000	2.00000	0.00000	-8.5588	-0.50000	0.0	0.0	0.0
	0.00000	2.00000	0.00000	-10.076	-0.50000	0.0	0.0	0.0
	1.00000	2.00000	0.00000	-12.233	-0.50000	0.0	0.0	0.0
	2.00000	2.00000	0.00000	-16.705	-0.50000	0.0	0.0	0.0
	3.00000	2.00000	0.00000	-21.173	-0.50000	0.0	0.0	0.0
	4.00000	2.00000	0.00000	-23.316	-0.50000	0.0	0.0	0.0
	5.00000	2.00000	0.00000	-24.813	-0.50000	0.0	0.0	0.0
	6.00000	2.00000	0.00000	-25.947	-0.50000	0.0	0.0	0.0
	7.00000	2.00000	0.00000	-26.848	-0.50000	0.0	0.0	0.0
	8.00000	2.00000	0.00000	-27.582	-0.50000	0.0	0.0	0.0
	9.00000	2.00000	0.00000	-28.191	-0.50000	0.0	0.0	0.0
	10.00000	2.00000	0.00000	-28.701	-0.50000	0.0	0.0	0.0
	11.00000	2.00000	0.00000	-29.128	-0.50000	0.0	0.0	0.0
	12.00000	2.00000	0.00000	-29.490	-0.50000	0.0	0.0	0.0
	13.00000	2.00000	0.00000	-29.791	-0.50000	0.0	0.0	0.0
	14.00000	2.00000	0.00000	-30.041	-0.50000	0.0	0.0	0.0
	15.00000	2.00000	0.00000	-30.245	-0.50000	0.0	0.0	0.0
	16.00000	2.00000	0.00000	-30.406	-0.50000	0.0	0.0	0.0
	17.00000	2.00000	0.00000	-30.528	-0.50000	0.0	0.0	0.0
	18.00000	2.00000	0.00000	-30.613	-0.50000	0.0	0.0	0.0
	19.00000	2.00000	0.00000	-30.663	-0.50000	0.0	0.0	0.0
	20.00000	2.00000	0.00000	-30.678	-0.50000	0.0	0.0	0.0
	21.00000	2.00000	0.00000	-30.658	-0.50000	0.0	0.0	0.0
	22.00000	2.00000	0.00000	-30.603	-0.50000	0.0	0.0	0.0
	23.00000	2.00000	0.00000	-30.513	-0.50000	0.0	0.0	0.0
	24.00000	2.00000	0.00000	-30.385	-0.50000	0.0	0.0	0.0
	25.00000	2.00000	0.00000	-30.218	-0.50000	0.0	0.0	0.0
	26.00000	2.00000	0.00000	-30.009	-0.50000	0.0	0.0	0.0
	27.00000	2.00000	0.00000	-29.753	-0.50000	0.0	0.0	0.0
	28.00000	2.00000	0.00000	-29.444	-0.50000	0.0	0.0	0.0
	29.00000	2.00000	0.00000	-29.077	-0.50000	0.0	0.0	0.0
	30.00000	2.00000	0.00000	-28.642	-0.50000	0.0	0.0	0.0
	31.00000	2.00000	0.00000	-28.126	-0.50000	0.0	0.0	0.0
	32.00000	2.00000	0.00000	-27.510	-0.50000	0.0	0.0	0.0
	33.00000	2.00000	0.00000	-26.769	-0.50000	0.0	0.0	0.0
	34.00000	2.00000	0.00000	-25.862	-0.50000	0.0	0.0	0.0
	35.00000	2.00000	0.00000	-24.722	-0.50000	0.0	0.0	0.0
	36.00000	2.00000	0.00000	-23.220	-0.50000	0.0	0.0	0.0
	37.00000	2.00000	0.00000	-21.072	-0.50000	0.0	0.0	0.0
	38.00000	2.00000	0.00000	-16.601	-0.50000	0.0	0.0	0.0
	39.00000	2.00000	0.00000	-12.126	-0.50000	0.0	0.0	0.0
	40.00000	2.00000	0.00000	-9.9683	-0.50000	0.0	0.0	0.0
	41.00000	2.00000	0.00000	-8.4505	-0.50000	0.0	0.0	0.0
	42.00000	2.00000	0.00000	-7.2870	-0.50000	0.0	0.0	0.0
	43.00000	2.00000	0.00000	-6.3503	-0.50000	0.0	0.0	0.0
	44.00000	2.00000	0.00000	-5.5723	-0.50000	0.0	0.0	0.0
	45.00000	2.00000	0.00000	-4.9124	-0.50000	0.0	0.0	0.0
	46.00000	2.00000	0.00000	-4.3439	-0.50000	0.0	0.0	0.0
	47.00000	2.00000	0.00000	-3.8486	-0.50000	0.0	0.0	0.0
	48.00000	2.00000	0.00000	-3.4132	-0.50000	0.0	0.0	0.0
	49.00000	2.00000	0.00000	-3.0277	-0.50000	0.0	0.0	0.0
	50.00000	2.00000	0.00000	-2.6845	-0.50000	0.0	0.0	0.0
	51.00000	2.00000	0.00000	-2.3776	-0.50000	0.0	0.0	0.0
	52.00000	2.00000	0.00000	-2.1021	-0.50000	0.0	0.0	0.0
	53.00000	2.00000	0.00000	-1.8540	-0.50000	0.0	0.0	0.0
	54.00000	2.00000	0.00000	-1.6300	-0.50000	0.0	0.0	0.0
	55.00000	2.00000	0.00000	-1.4273	-0.50000	0.0	0.0	0.0
	56.00000	2.00000	0.00000	-1.2436	-0.50000	0.0	0.0	0.0
	57.00000	2.00000	0.00000	-1.0769	-0.50000	0.0	0.0	0.0
	58.00000	2.00000	0.00000	-0.92536	-0.50000	0.0	0.0	0.0
	59.00000	2.00000	0.00000	-0.78754	-0.50000	0.0	0.0	0.0
	60.00000	2.00000	0.00000	-0.66209	-0.50000	0.0	0.0	0.0
	-20.00000	3.00000	0.00000	-0.74186	-0.50000	0.0	0.0	0.0
	-19.00000	3.00000	0.00000	-0.87558	-0.50000	0.0	0.0	0.0
	-18.00000	3.00000	0.00000	-1.02255	-0.50000	0.0	0.0	0.0
	-17.00000	3.00000	0.00000	-1.1842	-0.50000	0.0	0.0	0.0
	-16.00000	3.00000	0.00000	-1.3622	-0.50000	0.0	0.0	0.0
	-15.00000	3.00000	0.00000	-1.5584	-0.50000	0.0	0.0	0.0
	-14.00000	3.00000	0.00000	-1.7749	-0.50000	0.0	0.0	0.0
	-13.00000	3.00000	0.00000	-2.0144	-0.50000	0.0	0.0	0.0
	-12.00000	3.00000	0.00000	-2.2798	-0.50000	0.0	0.0	0.0
	-11.00000	3.00000	0.00000	-2.5747	-0.50000	0.0	0.0	0.0
	-10.00000	3.00000	0.00000	-2.9033	-0.50000	0.0	0.0	0.0
	-9.00000	3.00000	0.00000	-3.2711	-0.50000	0.0	0.0	0.0
	-8.00000	3.00000	0.00000	-3.6846	-0.50000	0.0	0.0	0.0
	-7.00000	3.00000	0.00000	-4.1521	-0.50000	0.0	0.0	0.0
	-6.00000	3.00000	0.00000	-4.6847	-0.50000	0.0	0.0	0.0
	-5.00000	3.00000	0.00000	-5.2970	-0.50000	0.0	0.0	0.0
	-4.00000	3.00000	0.00000	-6.0095	-0.50000	0.0	0.0	0.0
	-3.00000	3.00000	0.00000	-6.8518	-0.50000	0.0	0.0	0.0
	-2.00000	3.00000	0.00000	-7.8693	-0.50000	0.0	0.0	0.0
	-1.00000	3.00000	0.00000	-9.1367	-0.50000	0.0	0.0	0.0
	0.00000	3.00000	0.00000	-10.791	-0.50000	0.0	0.0	0.0
	1.00000	3.00000	0.00000	-13.127	-0.50000	0.0	0.0	0.0
	2.00000	3.00000	0.00000	-17.813	-0.50000	0.0	0.0	0.0
	3.00000	3.00000	0.00000	-22.494	-0.50000	0.0	0.0	0.0
	4.00000	3.00000	0.00000	-24.816	-0.50000	0.0	0.0	0.0
	5.00000	3.00000	0.00000	-26.447	-0.50000	0.0	0.0	0.0
	6.00000	3.00000	0.00000	-27.683	-0.50000	0.0	0.0	0.0
	7.00000	3.00000	0.00000	-28.659	-0.50000	0.0	0.0	0.0
	8.00000	3.00000	0.00000	-29.452	-0.50000	0.0	0.0	0.0
	9.00000	3.00000	0.00000	-30.107	-0.50000	0.0	0.0	0.0
	10.00000	3.00000	0.00000	-30.653	-0.50000	0.0	0.0	0.0
	11.00000	3.00000	0.00000	-31.110	-0.50000	0.0	0.0	0.0
	12.00000	3.0						

Oasys

73-75 Avenue Road, NW8

Short-term Heave

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



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	39.00000	8.00000	0.00000	-15.653	-0.50000	0.0	0.0	0.0
	40.00000	8.00000	0.00000	-12.951	-0.50000	0.0	0.0	0.0
	41.00000	8.00000	0.00000	-10.972	-0.50000	0.0	0.0	0.0
	42.00000	8.00000	0.00000	-9.4275	-0.50000	0.0	0.0	0.0
	43.00000	8.00000	0.00000	-8.1759	-0.50000	0.0	0.0	0.0
	44.00000	8.00000	0.00000	-7.1373	-0.50000	0.0	0.0	0.0
	45.00000	8.00000	0.00000	-6.2603	-0.50000	0.0	0.0	0.0
	46.00000	8.00000	0.00000	-5.5100	-0.50000	0.0	0.0	0.0
	47.00000	8.00000	0.00000	-4.8614	-0.50000	0.0	0.0	0.0
	48.00000	8.00000	0.00000	-4.2959	-0.50000	0.0	0.0	0.0
	49.00000	8.00000	0.00000	-3.7996	-0.50000	0.0	0.0	0.0
	50.00000	8.00000	0.00000	-3.3614	-0.50000	0.0	0.0	0.0
	51.00000	8.00000	0.00000	-2.9727	-0.50000	0.0	0.0	0.0
	52.00000	8.00000	0.00000	-2.6264	-0.50000	0.0	0.0	0.0
	53.00000	8.00000	0.00000	-2.3169	-0.50000	0.0	0.0	0.0
	54.00000	8.00000	0.00000	-2.0394	-0.50000	0.0	0.0	0.0
	55.00000	8.00000	0.00000	-1.7900	-0.50000	0.0	0.0	0.0
	56.00000	8.00000	0.00000	-1.5654	-0.50000	0.0	0.0	0.0
	57.00000	8.00000	0.00000	-1.3627	-0.50000	0.0	0.0	0.0
	58.00000	8.00000	0.00000	-1.1795	-0.50000	0.0	0.0	0.0
	59.00000	8.00000	0.00000	-1.0137	-0.50000	0.0	0.0	0.0
	60.00000	8.00000	0.00000	-0.86350	-0.50000	0.0	0.0	0.0
	-20.00000	9.00000	0.00000	-0.94413	-0.50000	0.0	0.0	0.0
	-19.00000	9.00000	0.00000	-1.1034	-0.50000	0.0	0.0	0.0
	-18.00000	9.00000	0.00000	-1.2794	-0.50000	0.0	0.0	0.0
	-17.00000	9.00000	0.00000	-1.4740	-0.50000	0.0	0.0	0.0
	-16.00000	9.00000	0.00000	-1.6895	-0.50000	0.0	0.0	0.0
	-15.00000	9.00000	0.00000	-1.9285	-0.50000	0.0	0.0	0.0
	-14.00000	9.00000	0.00000	-2.1940	-0.50000	0.0	0.0	0.0
	-13.00000	9.00000	0.00000	-2.4896	-0.50000	0.0	0.0	0.0
	-12.00000	9.00000	0.00000	-2.8194	-0.50000	0.0	0.0	0.0
	-11.00000	9.00000	0.00000	-3.1883	-0.50000	0.0	0.0	0.0
	-10.00000	9.00000	0.00000	-3.6023	-0.50000	0.0	0.0	0.0
	-9.00000	9.00000	0.00000	-4.0685	-0.50000	0.0	0.0	0.0
	-8.00000	9.00000	0.00000	-4.5959	-0.50000	0.0	0.0	0.0
	-7.00000	9.00000	0.00000	-5.1953	-0.50000	0.0	0.0	0.0
	-6.00000	9.00000	0.00000	-5.8608	-0.50000	0.0	0.0	0.0
	-5.00000	9.00000	0.00000	-6.6707	-0.50000	0.0	0.0	0.0
	-4.00000	9.00000	0.00000	-7.5891	-0.50000	0.0	0.0	0.0
	-3.00000	9.00000	0.00000	-8.6700	-0.50000	0.0	0.0	0.0
	-2.00000	9.00000	0.00000	-9.9633	-0.50000	0.0	0.0	0.0
	-1.00000	9.00000	0.00000	-11.547	-0.50000	0.0	0.0	0.0
	0.00000	9.00000	0.00000	-13.561	-0.50000	0.0	0.0	0.0
	1.00000	9.00000	0.00000	-16.092	-0.50000	0.0	0.0	0.0
	2.00000	9.00000	0.00000	-21.395	-0.50000	0.0	0.0	0.0
	3.00000	9.00000	0.00000	-26.486	-0.50000	0.0	0.0	0.0
	4.00000	9.00000	0.00000	-29.188	-0.50000	0.0	0.0	0.0
	5.00000	9.00000	0.00000	-31.145	-0.50000	0.0	0.0	0.0
	6.00000	9.00000	0.00000	-32.660	-0.50000	0.0	0.0	0.0
	7.00000	9.00000	0.00000	-33.870	-0.50000	0.0	0.0	0.0
	8.00000	9.00000	0.00000	-34.857	-0.50000	0.0	0.0	0.0
	9.00000	9.00000	0.00000	-35.672	-0.50000	0.0	0.0	0.0
	10.00000	9.00000	0.00000	-36.351	-0.50000	0.0	0.0	0.0
	11.00000	9.00000	0.00000	-36.919	-0.50000	0.0	0.0	0.0
	12.00000	9.00000	0.00000	-37.394	-0.50000	0.0	0.0	0.0
	13.00000	9.00000	0.00000	-37.789	-0.50000	0.0	0.0	0.0
	14.00000	9.00000	0.00000	-38.116	-0.50000	0.0	0.0	0.0
	15.00000	9.00000	0.00000	-38.381	-0.50000	0.0	0.0	0.0
	16.00000	9.00000	0.00000	-38.591	-0.50000	0.0	0.0	0.0
	17.00000	9.00000	0.00000	-38.749	-0.50000	0.0	0.0	0.0
	18.00000	9.00000	0.00000	-38.860	-0.50000	0.0	0.0	0.0
	19.00000	9.00000	0.00000	-38.924	-0.50000	0.0	0.0	0.0
	20.00000	9.00000	0.00000	-38.943	-0.50000	0.0	0.0	0.0
	21.00000	9.00000	0.00000	-38.918	-0.50000	0.0	0.0	0.0
	22.00000	9.00000	0.00000	-38.847	-0.50000	0.0	0.0	0.0
	23.00000	9.00000	0.00000	-38.730	-0.50000	0.0	0.0	0.0
	24.00000	9.00000	0.00000	-38.563	-0.50000	0.0	0.0	0.0
	25.00000	9.00000	0.00000	-38.343	-0.50000	0.0	0.0	0.0
	26.00000	9.00000	0.00000	-38.066	-0.50000	0.0	0.0	0.0
	27.00000	9.00000	0.00000	-37.726	-0.50000	0.0	0.0	0.0
	28.00000	9.00000	0.00000	-37.314	-0.50000	0.0	0.0	0.0
	29.00000	9.00000	0.00000	-36.820	-0.50000	0.0	0.0	0.0
	30.00000	9.00000	0.00000	-36.230	-0.50000	0.0	0.0	0.0
	31.00000	9.00000	0.00000	-35.527	-0.50000	0.0	0.0	0.0
	32.00000	9.00000	0.00000	-34.685	-0.50000	0.0	0.0	0.0
	33.00000	9.00000	0.00000	-33.670	-0.50000	0.0	0.0	0.0
	34.00000	9.00000	0.00000	-32.431	-0.50000	0.0	0.0	0.0
	35.00000	9.00000	0.00000	-30.888	-0.50000	0.0	0.0	0.0
	36.00000	9.00000	0.00000	-28.901	-0.50000	0.0	0.0	0.0
	37.00000	9.00000	0.00000	-26.180	-0.50000	0.0	0.0	0.0
	38.00000	9.00000	0.00000	-21.072	-0.50000	0.0	0.0	0.0
	39.00000	9.00000	0.00000	-15.960	-0.50000	0.0	0.0	0.0
	40.00000	9.00000	0.00000	-13.227	-0.50000	0.0	0.0	0.0
	41.00000	9.00000	0.00000	-11.219	-0.50000	0.0	0.0	0.0
	42.00000	9.00000	0.00000	-9.6473	-0.50000	0.0	0.0	0.0
	43.00000	9.00000	0.00000	-8.3708	-0.50000	0.0	0.0	0.0
	44.00000	9.00000	0.00000	-7.3096	-0.50000	0.0	0.0	0.0
	45.00000	9.00000	0.00000	-6.4124	-0.50000	0.0	0.0	0.0
	46.00000	9.00000	0.00000	-5.6442	-0.50000	0.0	0.0	0.0
	47.00000	9.00000	0.00000	-4.9797	-0.50000	0.0	0.0	0.0
	48.00000	9.00000	0.00000	-4.4003	-0.50000	0.0	0.0	0.0
	49.00000	9.00000	0.00000	-3.9217	-0.50000	0.0	0.0	0.0
	50.00000	9.00000	0.00000	-3.4427	-0.50000	0.0	0.0	0.0
	51.00000	9.00000	0.00000	-3.0445	-0.50000	0.0	0.0	0.0
	52.00000	9.00000	0.00000	-2.6900	-0.50000	0.0	0.0	0.0
	53.00000	9.00000	0.00000	-2.3732	-0.50000	0.0	0.0	0.0
	54.00000	9.00000	0.00000	-2.0893	-0.50000	0.0	0.0	0.0
	55.00000	9.00000	0.00000	-1.8342	-0.50000	0.0	0.0	0.0
	56.00000	9.00000	0.00000	-1.6046	-0.50000	0.0	0.0	0.0
	57.00000	9.00000	0.00000	-1.3976	-0.50000	0.0	0.0	0.0
	58.00000	9.00000	0.00000	-1.2105	-0.50000	0.0	0.0	0.0
	59.00000	9.00000	0.00000	-1.0413	-0.50000	0.0	0.0	0.0
	60.00000	9.00000	0.00000	-0.88810	-0.50000	0.0	0.0	0.0
	-20.00000	10.00000	0.00000	-0.96799	-0.50000	0.0	0.0	0.0
	-19.00000	10.00000	0.00000	-1.1304	-0.50000	0.0	0.0	0.0
	-18.00000	10.00000	0.00000	-1.3099	-0.50000	0.0	0.0	0.0
	-17.00000	10.00000	0.00000	-1.5086	-0.50000	0.0	0.0	0.0
	-16.00000	10.00000	0.00000	-1.7288	-0.50000	0.0	0.0	0.0
	-15.00000	10.00000	0.00000	-1.9732	-0.50000	0.0	0.0	0.0
	-14.00000	10.00000	0.00000	-2.2449	-0.50000	0.0	0.0	0.0
	-13.00000	10.00000	0.00000	-2.5476	-0.50000	0.0	0.0	0.0
	-12.00000	10.00000	0.00000	-2.8856	-0.50000	0.0	0.0	0.0
	-11.00000	10.00000	0.00000	-3.2640	-0.50000	0.0	0.0	0.0
	-10.00000	10.00000	0.00000	-3.6889	-0.50000	0.0	0.0	0.0
	-9.00000	10.00000	0.00000	-4.1679	-0.50000	0.0	0.0	0.0
	-8.00000	10.00000	0.00000	-4.7098	-0.50000	0.0	0.0	0.0
	-7.00000	10.00000	0.00000	-5.3261	-0.50000	0.0	0.0	0.0
	-6.00000	10.00000	0.00000	-6.0309	-0.50000	0.0	0.0	0.0
	-5.00000	10.00000	0.00000	-6.8425	-0.50000	0.0	0.0	0.0
	-4.00000	10.00000	0.00000	-7.7852	-0.50000	0.0	0.0	0.0
	-3.00000	10.00000	0.00000	-8.8927	-0.50000	0.0	0.0	0.0
	-2.00000	10.00000	0.00000	-10.214	-0.50000	0.0	0.0	0.0
	-1.00000	10.00000	0.00000	-11.827	-0.50000	0.0	0.0	0.0
	0.00000	10.00000	0.00000	-13.867	-0.50000	0.0	0.0	0.0
	1.00000	10.00000	0.00000	-16.624	-0.50000	0.0	0.0	0.0
	2.00000	10.00000	0.00000	-21.748	-0.50000	0.0	0.0	0.0
	3.00000	10.00000	0.00000	-26.857	-0.50000	0.0	0.0	0.0
	4.00000	10.00000	0.00000	-29.571	-0.50000	0.0	0.0	0.0
	5.00000	10.00000	0.00000	-31.544	-0.50000	0.0	0.0	0.0
	6.00000	10.00000	0.00000	-33.070	-0.50000	0.0	0.0	0.0
	7.00000	10.00000	0.00000	-34.290	-0.50000	0.0	0.0	0.0
	8.00000	10.00000	0.00000	-35.286	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		Vert Strain [-]
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	
	-3.00000	12.00000	0.00000	-9.3012	-0.50000	0.0	0.0	0.0
	-2.00000	12.00000	0.00000	-10.684	-0.50000	0.0	0.0	0.0
	-1.00000	12.00000	0.00000	-12.358	-0.50000	0.0	0.0	0.0
	0.00000	12.00000	0.00000	-14.453	-0.50000	0.0	0.0	0.0
	1.00000	12.00000	0.00000	-17.249	-0.50000	0.0	0.0	0.0
	2.00000	12.00000	0.00000	-22.394	-0.50000	0.0	0.0	0.0
	3.00000	12.00000	0.00000	-27.508	-0.50000	0.0	0.0	0.0
	4.00000	12.00000	0.00000	-30.216	-0.50000	0.0	0.0	0.0
	5.00000	12.00000	0.00000	-32.183	-0.50000	0.0	0.0	0.0
	6.00000	12.00000	0.00000	-33.703	-0.50000	0.0	0.0	0.0
	7.00000	12.00000	0.00000	-34.920	-0.50000	0.0	0.0	0.0
	8.00000	12.00000	0.00000	-35.915	-0.50000	0.0	0.0	0.0
	9.00000	12.00000	0.00000	-36.741	-0.50000	0.0	0.0	0.0
	10.00000	12.00000	0.00000	-37.431	-0.50000	0.0	0.0	0.0
	11.00000	12.00000	0.00000	-38.010	-0.50000	0.0	0.0	0.0
	12.00000	12.00000	0.00000	-38.496	-0.50000	0.0	0.0	0.0
	13.00000	12.00000	0.00000	-38.902	-0.50000	0.0	0.0	0.0
	14.00000	12.00000	0.00000	-39.239	-0.50000	0.0	0.0	0.0
	15.00000	12.00000	0.00000	-39.513	-0.50000	0.0	0.0	0.0
	16.00000	12.00000	0.00000	-39.731	-0.50000	0.0	0.0	0.0
	17.00000	12.00000	0.00000	-39.896	-0.50000	0.0	0.0	0.0
	18.00000	12.00000	0.00000	-40.012	-0.50000	0.0	0.0	0.0
	19.00000	12.00000	0.00000	-40.081	-0.50000	0.0	0.0	0.0
	20.00000	12.00000	0.00000	-40.103	-0.50000	0.0	0.0	0.0
	21.00000	12.00000	0.00000	-40.078	-0.50000	0.0	0.0	0.0
	22.00000	12.00000	0.00000	-40.006	-0.50000	0.0	0.0	0.0
	23.00000	12.00000	0.00000	-39.886	-0.50000	0.0	0.0	0.0
	24.00000	12.00000	0.00000	-39.713	-0.50000	0.0	0.0	0.0
	25.00000	12.00000	0.00000	-39.485	-0.50000	0.0	0.0	0.0
	26.00000	12.00000	0.00000	-39.197	-0.50000	0.0	0.0	0.0
	27.00000	12.00000	0.00000	-38.842	-0.50000	0.0	0.0	0.0
	28.00000	12.00000	0.00000	-38.411	-0.50000	0.0	0.0	0.0
	29.00000	12.00000	0.00000	-37.895	-0.50000	0.0	0.0	0.0
	30.00000	12.00000	0.00000	-37.279	-0.50000	0.0	0.0	0.0
	31.00000	12.00000	0.00000	-36.544	-0.50000	0.0	0.0	0.0
	32.00000	12.00000	0.00000	-35.666	-0.50000	0.0	0.0	0.0
	33.00000	12.00000	0.00000	-34.611	-0.50000	0.0	0.0	0.0
	34.00000	12.00000	0.00000	-33.327	-0.50000	0.0	0.0	0.0
	35.00000	12.00000	0.00000	-31.734	-0.50000	0.0	0.0	0.0
	36.00000	12.00000	0.00000	-29.695	-0.50000	0.0	0.0	0.0
	37.00000	12.00000	0.00000	-26.918	-0.50000	0.0	0.0	0.0
	38.00000	12.00000	0.00000	-21.753	-0.50000	0.0	0.0	0.0
	39.00000	12.00000	0.00000	-16.584	-0.50000	0.0	0.0	0.0
	40.00000	12.00000	0.00000	-13.794	-0.50000	0.0	0.0	0.0
	41.00000	12.00000	0.00000	-11.732	-0.50000	0.0	0.0	0.0
	42.00000	12.00000	0.00000	-10.108	-0.50000	0.0	0.0	0.0
	43.00000	12.00000	0.00000	-8.7835	-0.50000	0.0	0.0	0.0
	44.00000	12.00000	0.00000	-7.6778	-0.50000	0.0	0.0	0.0
	45.00000	12.00000	0.00000	-6.7400	-0.50000	0.0	0.0	0.0
	46.00000	12.00000	0.00000	-5.9351	-0.50000	0.0	0.0	0.0
	47.00000	12.00000	0.00000	-5.2378	-0.50000	0.0	0.0	0.0
	48.00000	12.00000	0.00000	-4.6290	-0.50000	0.0	0.0	0.0
	49.00000	12.00000	0.00000	-4.0944	-0.50000	0.0	0.0	0.0
	50.00000	12.00000	0.00000	-3.6223	-0.50000	0.0	0.0	0.0
	51.00000	12.00000	0.00000	-3.2037	-0.50000	0.0	0.0	0.0
	52.00000	12.00000	0.00000	-2.8310	-0.50000	0.0	0.0	0.0
	53.00000	12.00000	0.00000	-2.4983	-0.50000	0.0	0.0	0.0
	54.00000	12.00000	0.00000	-2.2003	-0.50000	0.0	0.0	0.0
	55.00000	12.00000	0.00000	-1.9328	-0.50000	0.0	0.0	0.0
	56.00000	12.00000	0.00000	-1.6922	-0.50000	0.0	0.0	0.0
	57.00000	12.00000	0.00000	-1.4754	-0.50000	0.0	0.0	0.0
	58.00000	12.00000	0.00000	-1.2798	-0.50000	0.0	0.0	0.0
	59.00000	12.00000	0.00000	-1.1030	-0.50000	0.0	0.0	0.0
	60.00000	12.00000	0.00000	-0.94301	-0.50000	0.0	0.0	0.0
	-20.00000	13.00000	0.00000	-1.0187	-0.50000	0.0	0.0	0.0
	-19.00000	13.00000	0.00000	-1.1880	-0.50000	0.0	0.0	0.0
	-18.00000	13.00000	0.00000	-1.3754	-0.50000	0.0	0.0	0.0
	-17.00000	13.00000	0.00000	-1.5833	-0.50000	0.0	0.0	0.0
	-16.00000	13.00000	0.00000	-1.8140	-0.50000	0.0	0.0	0.0
	-15.00000	13.00000	0.00000	-2.0707	-0.50000	0.0	0.0	0.0
	-14.00000	13.00000	0.00000	-2.3567	-0.50000	0.0	0.0	0.0
	-13.00000	13.00000	0.00000	-2.6761	-0.50000	0.0	0.0	0.0
	-12.00000	13.00000	0.00000	-3.0336	-0.50000	0.0	0.0	0.0
	-11.00000	13.00000	0.00000	-3.4350	-0.50000	0.0	0.0	0.0
	-10.00000	13.00000	0.00000	-3.8871	-0.50000	0.0	0.0	0.0
	-9.00000	13.00000	0.00000	-4.3983	-0.50000	0.0	0.0	0.0
	-8.00000	13.00000	0.00000	-4.9786	-0.50000	0.0	0.0	0.0
	-7.00000	13.00000	0.00000	-5.6406	-0.50000	0.0	0.0	0.0
	-6.00000	13.00000	0.00000	-6.4001	-0.50000	0.0	0.0	0.0
	-5.00000	13.00000	0.00000	-7.2772	-0.50000	0.0	0.0	0.0
	-4.00000	13.00000	0.00000	-8.2980	-0.50000	0.0	0.0	0.0
	-3.00000	13.00000	0.00000	-9.4971	-0.50000	0.0	0.0	0.0
	-2.00000	13.00000	0.00000	-10.922	-0.50000	0.0	0.0	0.0
	-1.00000	13.00000	0.00000	-12.643	-0.50000	0.0	0.0	0.0
	0.00000	13.00000	0.00000	-14.7880	-0.50000	0.0	0.0	0.0
	1.00000	13.00000	0.00000	-17.598	-0.50000	0.0	0.0	0.0
	2.00000	13.00000	0.00000	-22.737	-0.50000	0.0	0.0	0.0
	3.00000	13.00000	0.00000	-27.826	-0.50000	0.0	0.0	0.0
	4.00000	13.00000	0.00000	-30.504	-0.50000	0.0	0.0	0.0
	5.00000	13.00000	0.00000	-32.443	-0.50000	0.0	0.0	0.0
	6.00000	13.00000	0.00000	-33.942	-0.50000	0.0	0.0	0.0
	7.00000	13.00000	0.00000	-35.144	-0.50000	0.0	0.0	0.0
	8.00000	13.00000	0.00000	-36.129	-0.50000	0.0	0.0	0.0
	9.00000	13.00000	0.00000	-36.948	-0.50000	0.0	0.0	0.0
	10.00000	13.00000	0.00000	-37.634	-0.50000	0.0	0.0	0.0
	11.00000	13.00000	0.00000	-38.211	-0.50000	0.0	0.0	0.0
	12.00000	13.00000	0.00000	-38.696	-0.50000	0.0	0.0	0.0
	13.00000	13.00000	0.00000	-39.102	-0.50000	0.0	0.0	0.0
	14.00000	13.00000	0.00000	-39.438	-0.50000	0.0	0.0	0.0
	15.00000	13.00000	0.00000	-39.714	-0.50000	0.0	0.0	0.0
	16.00000	13.00000	0.00000	-39.933	-0.50000	0.0	0.0	0.0
	17.00000	13.00000	0.00000	-40.099	-0.50000	0.0	0.0	0.0
	18.00000	13.00000	0.00000	-40.217	-0.50000	0.0	0.0	0.0
	19.00000	13.00000	0.00000	-40.287	-0.50000	0.0	0.0	0.0
	20.00000	13.00000	0.00000	-40.310	-0.50000	0.0	0.0	0.0
	21.00000	13.00000	0.00000	-40.287	-0.50000	0.0	0.0	0.0
	22.00000	13.00000	0.00000	-40.216	-0.50000	0.0	0.0	0.0
	23.00000	13.00000	0.00000	-40.096	-0.50000	0.0	0.0	0.0
	24.00000	13.00000	0.00000	-39.923	-0.50000	0.0	0.0	0.0
	25.00000	13.00000	0.00000	-39.695	-0.50000	0.0	0.0	0.0
	26.00000	13						

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	36.00000	15.00000	0.00000	-30.006	-0.50000	0.0	0.0	0.0
	37.00000	15.00000	0.00000	-27.210	-0.50000	0.0	0.0	0.0
	38.00000	15.00000	0.00000	-22.025	-0.50000	0.0	0.0	0.0
	39.00000	15.00000	0.00000	-16.835	-0.50000	0.0	0.0	0.0
	40.00000	15.00000	0.00000	-14.025	-0.50000	0.0	0.0	0.0
	41.00000	15.00000	0.00000	-11.943	-0.50000	0.0	0.0	0.0
	42.00000	15.00000	0.00000	-10.300	-0.50000	0.0	0.0	0.0
	43.00000	15.00000	0.00000	-8.9569	-0.50000	0.0	0.0	0.0
	44.00000	15.00000	0.00000	-7.8338	-0.50000	0.0	0.0	0.0
	45.00000	15.00000	0.00000	-6.8800	-0.50000	0.0	0.0	0.0
	46.00000	15.00000	0.00000	-6.0603	-0.50000	0.0	0.0	0.0
	47.00000	15.00000	0.00000	-5.3459	-0.50000	0.0	0.0	0.0
	48.00000	15.00000	0.00000	-4.7286	-0.50000	0.0	0.0	0.0
	49.00000	15.00000	0.00000	-4.1830	-0.50000	0.0	0.0	0.0
	50.00000	15.00000	0.00000	-3.7011	-0.50000	0.0	0.0	0.0
	51.00000	15.00000	0.00000	-3.2737	-0.50000	0.0	0.0	0.0
	52.00000	15.00000	0.00000	-2.8933	-0.50000	0.0	0.0	0.0
	53.00000	15.00000	0.00000	-2.5536	-0.50000	0.0	0.0	0.0
	54.00000	15.00000	0.00000	-2.2495	-0.50000	0.0	0.0	0.0
	55.00000	15.00000	0.00000	-1.9765	-0.50000	0.0	0.0	0.0
	56.00000	15.00000	0.00000	-1.7311	-0.50000	0.0	0.0	0.0
	57.00000	15.00000	0.00000	-1.5100	-0.50000	0.0	0.0	0.0
	58.00000	15.00000	0.00000	-1.3105	-0.50000	0.0	0.0	0.0
	59.00000	15.00000	0.00000	-1.1304	-0.50000	0.0	0.0	0.0
	60.00000	15.00000	0.00000	-0.96740	-0.50000	0.0	0.0	0.0
	-20.00000	16.00000	0.00000	-1.0352	-0.50000	0.0	0.0	0.0
	-19.00000	16.00000	0.00000	-1.2072	-0.50000	0.0	0.0	0.0
	-18.00000	16.00000	0.00000	-1.3978	-0.50000	0.0	0.0	0.0
	-17.00000	16.00000	0.00000	-1.6095	-0.50000	0.0	0.0	0.0
	-16.00000	16.00000	0.00000	-1.8449	-0.50000	0.0	0.0	0.0
	-15.00000	16.00000	0.00000	-2.1071	-0.50000	0.0	0.0	0.0
	-14.00000	16.00000	0.00000	-2.4000	-0.50000	0.0	0.0	0.0
	-13.00000	16.00000	0.00000	-2.7278	-0.50000	0.0	0.0	0.0
	-12.00000	16.00000	0.00000	-3.0959	-0.50000	0.0	0.0	0.0
	-11.00000	16.00000	0.00000	-3.5106	-0.50000	0.0	0.0	0.0
	-10.00000	16.00000	0.00000	-3.9796	-0.50000	0.0	0.0	0.0
	-9.00000	16.00000	0.00000	-4.5125	-0.50000	0.0	0.0	0.0
	-8.00000	16.00000	0.00000	-5.1213	-0.50000	0.0	0.0	0.0
	-7.00000	16.00000	0.00000	-5.8214	-0.50000	0.0	0.0	0.0
	-6.00000	16.00000	0.00000	-6.6329	-0.50000	0.0	0.0	0.0
	-5.00000	16.00000	0.00000	-7.5830	-0.50000	0.0	0.0	0.0
	-4.00000	16.00000	0.00000	-8.7101	-0.50000	0.0	0.0	0.0
	-3.00000	16.00000	0.00000	-10.072	-0.50000	0.0	0.0	0.0
	-2.00000	16.00000	0.00000	-11.764	-0.50000	0.0	0.0	0.0
	-1.00000	16.00000	0.00000	-13.971	-0.50000	0.0	0.0	0.0
	0.00000	16.00000	0.00000	-17.589	-0.50000	0.0	0.0	0.0
	1.00000	16.00000	0.00000	-21.570	-0.50000	0.0	0.0	0.0
	2.00000	16.00000	0.00000	-25.550	-0.50000	0.0	0.0	0.0
	3.00000	16.00000	0.00000	-29.161	-0.50000	0.0	0.0	0.0
	4.00000	16.00000	0.00000	-31.357	-0.50000	0.0	0.0	0.0
	5.00000	16.00000	0.00000	-33.032	-0.50000	0.0	0.0	0.0
	6.00000	16.00000	0.00000	-34.373	-0.50000	0.0	0.0	0.0
	7.00000	16.00000	0.00000	-35.473	-0.50000	0.0	0.0	0.0
	8.00000	16.00000	0.00000	-36.390	-0.50000	0.0	0.0	0.0
	9.00000	16.00000	0.00000	-37.162	-0.50000	0.0	0.0	0.0
	10.00000	16.00000	0.00000	-37.815	-0.50000	0.0	0.0	0.0
	11.00000	16.00000	0.00000	-38.370	-0.50000	0.0	0.0	0.0
	12.00000	16.00000	0.00000	-38.840	-0.50000	0.0	0.0	0.0
	13.00000	16.00000	0.00000	-39.236	-0.50000	0.0	0.0	0.0
	14.00000	16.00000	0.00000	-39.567	-0.50000	0.0	0.0	0.0
	15.00000	16.00000	0.00000	-39.840	-0.50000	0.0	0.0	0.0
	16.00000	16.00000	0.00000	-40.060	-0.50000	0.0	0.0	0.0
	17.00000	16.00000	0.00000	-40.229	-0.50000	0.0	0.0	0.0
	18.00000	16.00000	0.00000	-40.351	-0.50000	0.0	0.0	0.0
	19.00000	16.00000	0.00000	-40.427	-0.50000	0.0	0.0	0.0
	20.00000	16.00000	0.00000	-40.458	-0.50000	0.0	0.0	0.0
	21.00000	16.00000	0.00000	-40.442	-0.50000	0.0	0.0	0.0
	22.00000	16.00000	0.00000	-40.379	-0.50000	0.0	0.0	0.0
	23.00000	16.00000	0.00000	-40.266	-0.50000	0.0	0.0	0.0
	24.00000	16.00000	0.00000	-40.101	-0.50000	0.0	0.0	0.0
	25.00000	16.00000	0.00000	-39.880	-0.50000	0.0	0.0	0.0
	26.00000	16.00000	0.00000	-39.596	-0.50000	0.0	0.0	0.0
	27.00000	16.00000	0.00000	-39.244	-0.50000	0.0	0.0	0.0
	28.00000	16.00000	0.00000	-38.814	-0.50000	0.0	0.0	0.0
	29.00000	16.00000	0.00000	-38.296	-0.50000	0.0	0.0	0.0
	30.00000	16.00000	0.00000	-37.675	-0.50000	0.0	0.0	0.0
	31.00000	16.00000	0.00000	-36.934	-0.50000	0.0	0.0	0.0
	32.00000	16.00000	0.00000	-36.047	-0.50000	0.0	0.0	0.0
	33.00000	16.00000	0.00000	-34.980	-0.50000	0.0	0.0	0.0
	34.00000	16.00000	0.00000	-33.682	-0.50000	0.0	0.0	0.0
	35.00000	16.00000	0.00000	-32.074	-0.50000	0.0	0.0	0.0
	36.00000	16.00000	0.00000	-30.016	-0.50000	0.0	0.0	0.0
	37.00000	16.00000	0.00000	-27.221	-0.50000	0.0	0.0	0.0
	38.00000	16.00000	0.00000	-22.035	-0.50000	0.0	0.0	0.0
	39.00000	16.00000	0.00000	-16.848	-0.50000	0.0	0.0	0.0
	40.00000	16.00000	0.00000	-14.035	-0.50000	0.0	0.0	0.0
	41.00000	16.00000	0.00000	-11.952	-0.50000	0.0	0.0	0.0
	42.00000	16.00000	0.00000	-10.308	-0.50000	0.0	0.0	0.0
	43.00000	16.00000	0.00000	-8.9641	-0.50000	0.0	0.0	0.0
	44.00000	16.00000	0.00000	-7.8404	-0.50000	0.0	0.0	0.0
	45.00000	16.00000	0.00000	-6.8859	-0.50000	0.0	0.0	0.0
	46.00000	16.00000	0.00000	-6.0657	-0.50000	0.0	0.0	0.0
	47.00000	16.00000	0.00000	-5.3543	-0.50000	0.0	0.0	0.0
	48.00000	16.00000	0.00000	-4.7329	-0.50000	0.0	0.0	0.0
	49.00000	16.00000	0.00000	-4.1868	-0.50000	0.0	0.0	0.0
	50.00000	16.00000	0.00000	-3.7045	-0.50000	0.0	0.0	0.0
	51.00000	16.00000	0.00000	-3.2768	-0.50000	0.0	0.0	0.0
	52.00000	16.00000	0.00000	-2.8960	-0.50000	0.0	0.0	0.0
	53.00000	16.00000	0.00000	-2.5560	-0.50000	0.0	0.0	0.0
	54.00000	16.00000	0.00000	-2.2516	-0.50000	0.0	0.0	0.0
	55.00000	16.00000	0.00000	-1.9784	-0.50000	0.0	0.0	0.0
	56.00000	16.00000	0.00000	-1.7328	-0.50000	0.0	0.0	0.0
	57.00000	16.00000	0.00000	-1.5115	-0.50000	0.0	0.0	0.0
	58.00000	16.00000	0.00000	-1.3119	-0.50000	0.0	0.0	0.0
	59.00000	16.00000	0.00000	-1.1315	-0.50000	0.0	0.0	0.0
	60.00000	16.00000	0.00000	-0.96846	-0.50000	0.0	0.0	0.0
	-20.00000	17.00000	0.00000	-1.0327	-0.50000	0.0	0.0	0.0
	-19.00000	17.00000	0.00000	-1.2045	-0.50000	0.0	0.0	0.0
	-18.00000	17.00000	0.00000	-1.3951	-0.50000	0.0	0.0	0.0
	-17.00000	17.00000	0.00000	-1.6067	-0.50000	0.0	0.0	0.0
	-16.00000	17.00000	0.00000	-1.8421	-0.50000	0.0	0.0	0.0
	-15.00000	17.00000	0.00000	-2.1045	-0.50000	0.0	0.0	0.0
	-14.00000	17.00000	0.00000	-2.3977	-0.50000	0.0	0.0	0.0
	-13.00000	17.00000	0.00000	-2.7262	-0.50000	0.0	0.0	0.0
	-12.00000	17.00000	0.00000	-3.0954	-0.50000	0.0	0.0	0.0
	-11.00000	17.00000	0.00000	-3.5118	-0.50000	0.0	0.0	0.0
	-10.00000	17.00000	0.00000	-3.9834	-0.50000	0.0	0.0	0.0
	-9.00000	17.00000	0.00000	-4.5202	-0.50000	0.0	0.0	0.0
	-8.00000	17.00000	0.00000	-5.1348	-0.50000	0.0	0.0	0.0
	-7.00000	17.00000	0.00000	-5.8438	-0.50000	0.0	0.0	0.0
	-6.00000	17.00000	0.00000	-6.6688	-0.50000	0.0	0.0	0.0
	-5.00000	17.00000	0.00000	-7.6401	-0.50000	0.0	0.0	0.0
	-4.00000	17.00000	0.00000	-8.8036	-0.50000	0.0	0.0	0.0
	-3.00000	17.00000	0.00000	-10.223	-0.50000	0.0	0.0	0.0
	-2.00000	17.00000	0.00000	-12.027	-0.50000	0.0	0.0	0.0
	-1.00000	17.00000	0.00000	-14.485	-0.50000	0.0	0.0	0.0
	0.00000	17.00000	0.00000	-19.281	-0.50000	0.0	0.0	0.0
	1.00000	17.00000	0.00000	-24.260	-0.50000	0.0	0.0	0.0
	2.00000	17.00000	0.00000	-27.228	-0.50000	0.0	0.0	0.0
	3.00000	17.						



73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		Vert Strain [-]
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	
	-6.00000	19.00000	0.00000	-6.6564	-0.50000	0.0	0.0	0.0
	-5.00000	19.00000	0.00000	-7.6524	-0.50000	0.0	0.0	0.0
	-4.00000	19.00000	0.00000	-8.8562	-0.50000	0.0	0.0	0.0
	-3.00000	19.00000	0.00000	-10.349	-0.50000	0.0	0.0	0.0
	-2.00000	19.00000	0.00000	-12.274	-0.50000	0.0	0.0	0.0
	-1.00000	19.00000	0.00000	-14.931	-0.50000	0.0	0.0	0.0
	0.00000	19.00000	0.00000	-19.993	-0.50000	0.0	0.0	0.0
	1.00000	19.00000	0.00000	-25.102	-0.50000	0.0	0.0	0.0
	2.00000	19.00000	0.00000	-27.884	-0.50000	0.0	0.0	0.0
	3.00000	19.00000	0.00000	-29.983	-0.50000	0.0	0.0	0.0
	4.00000	19.00000	0.00000	-31.662	-0.50000	0.0	0.0	0.0
	5.00000	19.00000	0.00000	-33.044	-0.50000	0.0	0.0	0.0
	6.00000	19.00000	0.00000	-34.197	-0.50000	0.0	0.0	0.0
	7.00000	19.00000	0.00000	-35.169	-0.50000	0.0	0.0	0.0
	8.00000	19.00000	0.00000	-35.995	-0.50000	0.0	0.0	0.0
	9.00000	19.00000	0.00000	-36.699	-0.50000	0.0	0.0	0.0
	10.00000	19.00000	0.00000	-37.303	-0.50000	0.0	0.0	0.0
	11.00000	19.00000	0.00000	-37.820	-0.50000	0.0	0.0	0.0
	12.00000	19.00000	0.00000	-38.263	-0.50000	0.0	0.0	0.0
	13.00000	19.00000	0.00000	-38.641	-0.50000	0.0	0.0	0.0
	14.00000	19.00000	0.00000	-38.961	-0.50000	0.0	0.0	0.0
	15.00000	19.00000	0.00000	-39.228	-0.50000	0.0	0.0	0.0
	16.00000	19.00000	0.00000	-39.447	-0.50000	0.0	0.0	0.0
	17.00000	19.00000	0.00000	-39.621	-0.50000	0.0	0.0	0.0
	18.00000	19.00000	0.00000	-39.752	-0.50000	0.0	0.0	0.0
	19.00000	19.00000	0.00000	-39.840	-0.50000	0.0	0.0	0.0
	20.00000	19.00000	0.00000	-39.886	-0.50000	0.0	0.0	0.0
	21.00000	19.00000	0.00000	-39.889	-0.50000	0.0	0.0	0.0
	22.00000	19.00000	0.00000	-39.846	-0.50000	0.0	0.0	0.0
	23.00000	19.00000	0.00000	-39.755	-0.50000	0.0	0.0	0.0
	24.00000	19.00000	0.00000	-39.613	-0.50000	0.0	0.0	0.0
	25.00000	19.00000	0.00000	-39.414	-0.50000	0.0	0.0	0.0
	26.00000	19.00000	0.00000	-39.153	-0.50000	0.0	0.0	0.0
	27.00000	19.00000	0.00000	-38.823	-0.50000	0.0	0.0	0.0
	28.00000	19.00000	0.00000	-38.415	-0.50000	0.0	0.0	0.0
	29.00000	19.00000	0.00000	-37.918	-0.50000	0.0	0.0	0.0
	30.00000	19.00000	0.00000	-37.318	-0.50000	0.0	0.0	0.0
	31.00000	19.00000	0.00000	-36.597	-0.50000	0.0	0.0	0.0
	32.00000	19.00000	0.00000	-35.729	-0.50000	0.0	0.0	0.0
	33.00000	19.00000	0.00000	-34.681	-0.50000	0.0	0.0	0.0
	34.00000	19.00000	0.00000	-33.402	-0.50000	0.0	0.0	0.0
	35.00000	19.00000	0.00000	-31.812	-0.50000	0.0	0.0	0.0
	36.00000	19.00000	0.00000	-29.773	-0.50000	0.0	0.0	0.0
	37.00000	19.00000	0.00000	-26.996	-0.50000	0.0	0.0	0.0
	38.00000	19.00000	0.00000	-21.829	-0.50000	0.0	0.0	0.0
	39.00000	19.00000	0.00000	-16.655	-0.50000	0.0	0.0	0.0
	40.00000	19.00000	0.00000	-13.862	-0.50000	0.0	0.0	0.0
	41.00000	19.00000	0.00000	-11.795	-0.50000	0.0	0.0	0.0
	42.00000	19.00000	0.00000	-10.166	-0.50000	0.0	0.0	0.0
	43.00000	19.00000	0.00000	-8.8360	-0.50000	0.0	0.0	0.0
	44.00000	19.00000	0.00000	-7.7253	-0.50000	0.0	0.0	0.0
	45.00000	19.00000	0.00000	-6.7827	-0.50000	0.0	0.0	0.0
	46.00000	19.00000	0.00000	-5.9734	-0.50000	0.0	0.0	0.0
	47.00000	19.00000	0.00000	-5.2719	-0.50000	0.0	0.0	0.0
	48.00000	19.00000	0.00000	-4.6595	-0.50000	0.0	0.0	0.0
	49.00000	19.00000	0.00000	-4.1214	-0.50000	0.0	0.0	0.0
	50.00000	19.00000	0.00000	-3.6463	-0.50000	0.0	0.0	0.0
	51.00000	19.00000	0.00000	-3.2249	-0.50000	0.0	0.0	0.0
	52.00000	19.00000	0.00000	-2.8499	-0.50000	0.0	0.0	0.0
	53.00000	19.00000	0.00000	-2.5150	-0.50000	0.0	0.0	0.0
	54.00000	19.00000	0.00000	-2.2151	-0.50000	0.0	0.0	0.0
	55.00000	19.00000	0.00000	-1.9460	-0.50000	0.0	0.0	0.0
	56.00000	19.00000	0.00000	-1.7039	-0.50000	0.0	0.0	0.0
	57.00000	19.00000	0.00000	-1.4858	-0.50000	0.0	0.0	0.0
	58.00000	19.00000	0.00000	-1.2890	-0.50000	0.0	0.0	0.0
	59.00000	19.00000	0.00000	-1.1111	-0.50000	0.0	0.0	0.0
	60.00000	19.00000	0.00000	-0.95030	-0.50000	0.0	0.0	0.0
	-20.00000	20.00000	0.00000	-1.0008	-0.50000	0.0	0.0	0.0
	-19.00000	20.00000	0.00000	-1.1690	-0.50000	0.0	0.0	0.0
	-18.00000	20.00000	0.00000	-1.3556	-0.50000	0.0	0.0	0.0
	-17.00000	20.00000	0.00000	-1.5628	-0.50000	0.0	0.0	0.0
	-16.00000	20.00000	0.00000	-1.7935	-0.50000	0.0	0.0	0.0
	-15.00000	20.00000	0.00000	-2.0509	-0.50000	0.0	0.0	0.0
	-14.00000	20.00000	0.00000	-2.3387	-0.50000	0.0	0.0	0.0
	-13.00000	20.00000	0.00000	-2.6515	-0.50000	0.0	0.0	0.0
	-12.00000	20.00000	0.00000	-3.0251	-0.50000	0.0	0.0	0.0
	-11.00000	20.00000	0.00000	-3.4361	-0.50000	0.0	0.0	0.0
	-10.00000	20.00000	0.00000	-3.9031	-0.50000	0.0	0.0	0.0
	-9.00000	20.00000	0.00000	-4.4369	-0.50000	0.0	0.0	0.0
	-8.00000	20.00000	0.00000	-5.0514	-0.50000	0.0	0.0	0.0
	-7.00000	20.00000	0.00000	-5.7650	-0.50000	0.0	0.0	0.0
	-6.00000	20.00000	0.00000	-6.4626	-0.50000	0.0	0.0	0.0
	-5.00000	20.00000	0.00000	-7.5995	-0.50000	0.0	0.0	0.0
	-4.00000	20.00000	0.00000	-8.8078	-0.50000	0.0	0.0	0.0
	-3.00000	20.00000	0.00000	-10.310	-0.50000	0.0	0.0	0.0
	-2.00000	20.00000	0.00000	-12.249	-0.50000	0.0	0.0	0.0
	-1.00000	20.00000	0.00000	-14.924	-0.50000	0.0	0.0	0.0
	0.00000	20.00000	0.00000	-19.998	-0.50000	0.0	0.0	0.0
	1.00000	20.00000	0.00000	-25.097	-0.50000	0.0	0.0	0.0
	2.00000	20.00000	0.00000	-27.844	-0.50000	0.0	0.0	0.0
	3.00000	20.00000	0.00000	-29.888	-0.50000	0.0	0.0	0.0
	4.00000	20.00000	0.00000	-31.510	-0.50000	0.0	0.0	0.0
	5.00000	20.00000	0.00000	-32.838	-0.50000	0.0	0.0	0.0
	6.00000	20.00000	0.00000	-33.947	-0.50000	0.0	0.0	0.0
	7.00000	20.00000	0.00000	-34.883	-0.50000	0.0	0.0	0.0
	8.00000	20.00000	0.00000	-35.680	-0.50000	0.0	0.0	0.0
	9.00000	20.00000	0.00000	-36.361	-0.50000	0.0	0.0	0.0
	10.00000	20.00000	0.00000	-36.947	-0.50000	0.0	0.0	0.0
	11.00000	20.00000	0.00000	-37.450	-0.50000	0.0	0.0	0.0
	12.00000	20.00000	0.00000	-37.883	-0.50000	0.0	0.0	0.0
	13.00000	20.00000	0.00000	-38.253	-0.50000	0.0	0.0	0.0
	14.00000	20.00000	0.00000	-38.569	-0.50000	0.0	0.0	0.0
	15.00000	20.00000	0.00000	-38.834	-0.50000	0.0	0.0	0.0
	16.00000	20.00000	0.00000	-39.054	-0.50000	0.0	0.0	0.0
	17.00000	20.00000	0.00000	-39.231	-0.50000	0.0	0.0	0.0
	18.00000	20.00000	0.00000	-39.366	-0.50000	0.0	0.0	0.0
	19.00000	20.00000	0.00000	-39.462	-0.50000	0.0	0.0	0.0
	20.00000	20.00000	0.00000	-39.516	-0.50000	0.0	0.0	0.0
	21.00000	20.00000	0.00000	-39.529	-0.50000	0.0	0.0	0.0
	22.00000	20.00000	0.00000	-39.498	-0.50000	0.0		



73-75 Avenue Road, NW8

Short-term Heave

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



73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		Vert Strain [-]
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	
	-9.00000	26.00000	0.00000	-3.7687	-0.50000	0.0	0.0	0.0
	-8.00000	26.00000	0.00000	-4.2824	-0.50000	0.0	0.0	0.0
	-7.00000	26.00000	0.00000	-4.8771	-0.50000	0.0	0.0	0.0
	-6.00000	26.00000	0.00000	-5.5737	-0.50000	0.0	0.0	0.0
	-5.00000	26.00000	0.00000	-6.4025	-0.50000	0.0	0.0	0.0
	-4.00000	26.00000	0.00000	-7.4098	-0.50000	0.0	0.0	0.0
	-3.00000	26.00000	0.00000	-8.6710	-0.50000	0.0	0.0	0.0
	-2.00000	26.00000	0.00000	-10.324	-0.50000	0.0	0.0	0.0
	-1.00000	26.00000	0.00000	-12.664	-0.50000	0.0	0.0	0.0
	0.00000	26.00000	0.00000	-17.361	-0.50000	0.0	0.0	0.0
	1.00000	26.00000	0.00000	-22.060	-0.50000	0.0	0.0	0.0
	2.00000	26.00000	0.00000	-24.406	-0.50000	0.0	0.0	0.0
	3.00000	26.00000	0.00000	-26.069	-0.50000	0.0	0.0	0.0
	4.00000	26.00000	0.00000	-27.344	-0.50000	0.0	0.0	0.0
	5.00000	26.00000	0.00000	-28.366	-0.50000	0.0	0.0	0.0
	6.00000	26.00000	0.00000	-29.211	-0.50000	0.0	0.0	0.0
	7.00000	26.00000	0.00000	-29.923	-0.50000	0.0	0.0	0.0
	8.00000	26.00000	0.00000	-30.533	-0.50000	0.0	0.0	0.0
	9.00000	26.00000	0.00000	-31.062	-0.50000	0.0	0.0	0.0
	10.00000	26.00000	0.00000	-31.523	-0.50000	0.0	0.0	0.0
	11.00000	26.00000	0.00000	-31.928	-0.50000	0.0	0.0	0.0
	12.00000	26.00000	0.00000	-32.287	-0.50000	0.0	0.0	0.0
	13.00000	26.00000	0.00000	-32.608	-0.50000	0.0	0.0	0.0
	14.00000	26.00000	0.00000	-32.896	-0.50000	0.0	0.0	0.0
	15.00000	26.00000	0.00000	-33.158	-0.50000	0.0	0.0	0.0
	16.00000	26.00000	0.00000	-33.400	-0.50000	0.0	0.0	0.0
	17.00000	26.00000	0.00000	-33.629	-0.50000	0.0	0.0	0.0
	18.00000	26.00000	0.00000	-33.851	-0.50000	0.0	0.0	0.0
	19.00000	26.00000	0.00000	-34.071	-0.50000	0.0	0.0	0.0
	20.00000	26.00000	0.00000	-34.293	-0.50000	0.0	0.0	0.0
	21.00000	26.00000	0.00000	-34.515	-0.50000	0.0	0.0	0.0
	22.00000	26.00000	0.00000	-34.723	-0.50000	0.0	0.0	0.0
	23.00000	26.00000	0.00000	-34.892	-0.50000	0.0	0.0	0.0
	24.00000	26.00000	0.00000	-34.994	-0.50000	0.0	0.0	0.0
	25.00000	26.00000	0.00000	-35.015	-0.50000	0.0	0.0	0.0
	26.00000	26.00000	0.00000	-34.947	-0.50000	0.0	0.0	0.0
	27.00000	26.00000	0.00000	-34.789	-0.50000	0.0	0.0	0.0
	28.00000	26.00000	0.00000	-34.538	-0.50000	0.0	0.0	0.0
	29.00000	26.00000	0.00000	-34.190	-0.50000	0.0	0.0	0.0
	30.00000	26.00000	0.00000	-33.736	-0.50000	0.0	0.0	0.0
	31.00000	26.00000	0.00000	-33.163	-0.50000	0.0	0.0	0.0
	32.00000	26.00000	0.00000	-32.450	-0.50000	0.0	0.0	0.0
	33.00000	26.00000	0.00000	-31.565	-0.50000	0.0	0.0	0.0
	34.00000	26.00000	0.00000	-30.459	-0.50000	0.0	0.0	0.0
	35.00000	26.00000	0.00000	-29.053	-0.50000	0.0	0.0	0.0
	36.00000	26.00000	0.00000	-27.209	-0.50000	0.0	0.0	0.0
	37.00000	26.00000	0.00000	-24.634	-0.50000	0.0	0.0	0.0
	38.00000	26.00000	0.00000	-19.672	-0.50000	0.0	0.0	0.0
	39.00000	26.00000	0.00000	-14.704	-0.50000	0.0	0.0	0.0
	40.00000	26.00000	0.00000	-12.108	-0.50000	0.0	0.0	0.0
	41.00000	26.00000	0.00000	-10.229	-0.50000	0.0	0.0	0.0
	42.00000	26.00000	0.00000	-8.7733	-0.50000	0.0	0.0	0.0
	43.00000	26.00000	0.00000	-7.6017	-0.50000	0.0	0.0	0.0
	44.00000	26.00000	0.00000	-6.6336	-0.50000	0.0	0.0	0.0
	45.00000	26.00000	0.00000	-5.8184	-0.50000	0.0	0.0	0.0
	46.00000	26.00000	0.00000	-5.1221	-0.50000	0.0	0.0	0.0
	47.00000	26.00000	0.00000	-4.5205	-0.50000	0.0	0.0	0.0
	48.00000	26.00000	0.00000	-3.9959	-0.50000	0.0	0.0	0.0
	49.00000	26.00000	0.00000	-3.5352	-0.50000	0.0	0.0	0.0
	50.00000	26.00000	0.00000	-3.1281	-0.50000	0.0	0.0	0.0
	51.00000	26.00000	0.00000	-2.7665	-0.50000	0.0	0.0	0.0
	52.00000	26.00000	0.00000	-2.4440	-0.50000	0.0	0.0	0.0
	53.00000	26.00000	0.00000	-2.1553	-0.50000	0.0	0.0	0.0
	54.00000	26.00000	0.00000	-1.8961	-0.50000	0.0	0.0	0.0
	55.00000	26.00000	0.00000	-1.6628	-0.50000	0.0	0.0	0.0
	56.00000	26.00000	0.00000	-1.4524	-0.50000	0.0	0.0	0.0
	57.00000	26.00000	0.00000	-1.2622	-0.50000	0.0	0.0	0.0
	58.00000	26.00000	0.00000	-1.0901	-0.50000	0.0	0.0	0.0
	59.00000	26.00000	0.00000	-0.93412	-0.50000	0.0	0.0	0.0
	60.00000	26.00000	0.00000	-0.79265	-0.50000	0.0	0.0	0.0
	-20.00000	27.00000	0.00000	-0.79698	-0.50000	0.0	0.0	0.0
	-19.00000	27.00000	0.00000	-0.93924	-0.50000	0.0	0.0	0.0
	-18.00000	27.00000	0.00000	-1.0963	-0.50000	0.0	0.0	0.0
	-17.00000	27.00000	0.00000	-1.2699	-0.50000	0.0	0.0	0.0
	-16.00000	27.00000	0.00000	-1.4620	-0.50000	0.0	0.0	0.0
	-15.00000	27.00000	0.00000	-1.6752	-0.50000	0.0	0.0	0.0
	-14.00000	27.00000	0.00000	-1.9121	-0.50000	0.0	0.0	0.0
	-13.00000	27.00000	0.00000	-2.1762	-0.50000	0.0	0.0	0.0
	-12.00000	27.00000	0.00000	-2.4715	-0.50000	0.0	0.0	0.0
	-11.00000	27.00000	0.00000	-2.8031	-0.50000	0.0	0.0	0.0
	-10.00000	27.00000	0.00000	-3.1770	-0.50000	0.0	0.0	0.0
	-9.00000	27.00000	0.00000	-3.6013	-0.50000	0.0	0.0	0.0
	-8.00000	27.00000	0.00000	-4.0860	-0.50000	0.0	0.0	0.0
	-7.00000	27.00000	0.00000	-4.6448	-0.50000	0.0	0.0	0.0
	-6.00000	27.00000	0.00000	-5.2963	-0.50000	0.0	0.0	0.0
	-5.00000	27.00000	0.00000	-6.0675	-0.50000	0.0	0.0	0.0
	-4.00000	27.00000	0.00000	-6.9996	-0.50000	0.0	0.0	0.0
	-3.00000	27.00000	0.00000	-8.1612	-0.50000	0.0	0.0	0.0
	-2.00000	27.00000	0.00000	-9.6805	-0.50000	0.0	0.0	0.0
	-1.00000	27.00000	0.00000	-11.844	-0.50000	0.0	0.0	0.0
	0.00000	27.00000	0.00000	-16.328	-0.50000	0.0	0.0	0.0
	1.00000	27.00000	0.00000	-20.814	-0.50000	0.0	0.0	0.0
	2.00000	27.00000	0.00000	-22.982	-0.50000	0.0	0.0	0.0
	3.00000	27.00000	0.00000	-24.508	-0.50000	0.0	0.0	0.0
	4.00000	27.00000	0.00000	-25.679	-0.50000	0.0	0.0	0.0
	5.00000	27.00000	0.00000	-26.622	-0.50000	0.0	0.0	0.0
	6.00000	27.00000	0.00000	-27.406	-0.50000	0.0	0.0	0.0
	7.00000	27.00000	0.00000	-28.069	-0.50000	0.0	0.0	0.0
	8.00000	27.00000	0.00000	-28.641	-0.50000	0.0	0.0	0.0
	9.00000	27.00000	0.00000	-29.137	-0.50000	0.0	0.0	0.0
	10.00000	27.00000	0.00000	-29.574	-0.50000	0.0	0.0	0.0
	11.00000	27.00000	0.00000	-29.959	-0.50000	0.0	0.0	0.0
	12.00000	27.00000	0.00000	-30.304	-0.50000	0.0	0.0	0.0
	13.00000	27.00000	0.00000	-30.614	-0.50000	0.0	0.0	0.0
	14.00000	27.00000	0.00000	-30.896	-0.50000	0.0	0.0	0.0
	15.00000	27.00000	0.00000	-31.158	-0.50000	0.0	0.0	0.0
	16.00000	27.00000	0.00000	-31.407	-0.50000	0.0	0.0	0.0
	17.00000	27.00000	0.00000	-31.651	-0.50000	0.0	0.0	0.0
	18.00000	27.00000	0.00000	-31.900	-0.50000	0.0	0.0	0.0
	19.00000	27.00000	0.00000	-32.166	-0.50000	0.0	0.0	0.0
	20.00000	27.000						



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	30.00000	29.00000	0.00000	-29.968	-0.50000	0.0	0.0	0.0
	31.00000	29.00000	0.00000	-29.506	-0.50000	0.0	0.0	0.0
	32.00000	29.00000	0.00000	-28.918	-0.50000	0.0	0.0	0.0
	33.00000	29.00000	0.00000	-28.179	-0.50000	0.0	0.0	0.0
	34.00000	29.00000	0.00000	-27.246	-0.50000	0.0	0.0	0.0
	35.00000	29.00000	0.00000	-26.047	-0.50000	0.0	0.0	0.0
	36.00000	29.00000	0.00000	-24.447	-0.50000	0.0	0.0	0.0
	37.00000	29.00000	0.00000	-22.151	-0.50000	0.0	0.0	0.0
	38.00000	29.00000	0.00000	-17.493	-0.50000	0.0	0.0	0.0
	39.00000	29.00000	0.00000	-12.828	-0.50000	0.0	0.0	0.0
	40.00000	29.00000	0.00000	-10.511	-0.50000	0.0	0.0	0.0
	41.00000	29.00000	0.00000	-8.942	-0.50000	0.0	0.0	0.0
	42.00000	29.00000	0.00000	-7.6234	-0.50000	0.0	0.0	0.0
	43.00000	29.00000	0.00000	-6.6218	-0.50000	0.0	0.0	0.0
	44.00000	29.00000	0.00000	-5.7947	-0.50000	0.0	0.0	0.0
	45.00000	29.00000	0.00000	-5.0967	-0.50000	0.0	0.0	0.0
	46.00000	29.00000	0.00000	-4.4984	-0.50000	0.0	0.0	0.0
	47.00000	29.00000	0.00000	-3.9792	-0.50000	0.0	0.0	0.0
	48.00000	29.00000	0.00000	-3.5245	-0.50000	0.0	0.0	0.0
	49.00000	29.00000	0.00000	-3.1232	-0.50000	0.0	0.0	0.0
	50.00000	29.00000	0.00000	-2.7669	-0.50000	0.0	0.0	0.0
	51.00000	29.00000	0.00000	-2.4490	-0.50000	0.0	0.0	0.0
	52.00000	29.00000	0.00000	-2.1642	-0.50000	0.0	0.0	0.0
	53.00000	29.00000	0.00000	-1.9083	-0.50000	0.0	0.0	0.0
	54.00000	29.00000	0.00000	-1.6776	-0.50000	0.0	0.0	0.0
	55.00000	29.00000	0.00000	-1.4692	-0.50000	0.0	0.0	0.0
	56.00000	29.00000	0.00000	-1.2806	-0.50000	0.0	0.0	0.0
	57.00000	29.00000	0.00000	-1.1096	-0.50000	0.0	0.0	0.0
	58.00000	29.00000	0.00000	-0.95440	-0.50000	0.0	0.0	0.0
	59.00000	29.00000	0.00000	-0.81336	-0.50000	0.0	0.0	0.0
	60.00000	29.00000	0.00000	-0.68509	-0.50000	0.0	0.0	0.0
	-20.00000	30.00000	0.00000	-0.66828	-0.50000	0.0	0.0	0.0
	-19.00000	30.00000	0.00000	-0.79408	-0.50000	0.0	0.0	0.0
	-18.00000	30.00000	0.00000	-0.93232	-0.50000	0.0	0.0	0.0
	-17.00000	30.00000	0.00000	-1.0843	-0.50000	0.0	0.0	0.0
	-16.00000	30.00000	0.00000	-1.2517	-0.50000	0.0	0.0	0.0
	-15.00000	30.00000	0.00000	-1.4361	-0.50000	0.0	0.0	0.0
	-14.00000	30.00000	0.00000	-1.6396	-0.50000	0.0	0.0	0.0
	-13.00000	30.00000	0.00000	-1.8646	-0.50000	0.0	0.0	0.0
	-12.00000	30.00000	0.00000	-2.1140	-0.50000	0.0	0.0	0.0
	-11.00000	30.00000	0.00000	-2.3909	-0.50000	0.0	0.0	0.0
	-10.00000	30.00000	0.00000	-2.6994	-0.50000	0.0	0.0	0.0
	-9.00000	30.00000	0.00000	-3.0443	-0.50000	0.0	0.0	0.0
	-8.00000	30.00000	0.00000	-3.4316	-0.50000	0.0	0.0	0.0
	-7.00000	30.00000	0.00000	-3.8688	-0.50000	0.0	0.0	0.0
	-6.00000	30.00000	0.00000	-4.3653	-0.50000	0.0	0.0	0.0
	-5.00000	30.00000	0.00000	-4.9238	-0.50000	0.0	0.0	0.0
	-4.00000	30.00000	0.00000	-5.5911	-0.50000	0.0	0.0	0.0
	-3.00000	30.00000	0.00000	-6.3606	-0.50000	0.0	0.0	0.0
	-2.00000	30.00000	0.00000	-7.2750	-0.50000	0.0	0.0	0.0
	-1.00000	30.00000	0.00000	-8.3756	-0.50000	0.0	0.0	0.0
	0.00000	30.00000	0.00000	-9.6646	-0.50000	0.0	0.0	0.0
	1.00000	30.00000	0.00000	-10.954	-0.50000	0.0	0.0	0.0
	2.00000	30.00000	0.00000	-12.057	-0.50000	0.0	0.0	0.0
	3.00000	30.00000	0.00000	-12.974	-0.50000	0.0	0.0	0.0
	4.00000	30.00000	0.00000	-13.748	-0.50000	0.0	0.0	0.0
	5.00000	30.00000	0.00000	-14.410	-0.50000	0.0	0.0	0.0
	6.00000	30.00000	0.00000	-14.984	-0.50000	0.0	0.0	0.0
	7.00000	30.00000	0.00000	-15.487	-0.50000	0.0	0.0	0.0
	8.00000	30.00000	0.00000	-15.932	-0.50000	0.0	0.0	0.0
	9.00000	30.00000	0.00000	-16.328	-0.50000	0.0	0.0	0.0
	10.00000	30.00000	0.00000	-16.683	-0.50000	0.0	0.0	0.0
	11.00000	30.00000	0.00000	-17.004	-0.50000	0.0	0.0	0.0
	12.00000	30.00000	0.00000	-17.298	-0.50000	0.0	0.0	0.0
	13.00000	30.00000	0.00000	-17.571	-0.50000	0.0	0.0	0.0
	14.00000	30.00000	0.00000	-17.828	-0.50000	0.0	0.0	0.0
	15.00000	30.00000	0.00000	-18.079	-0.50000	0.0	0.0	0.0
	16.00000	30.00000	0.00000	-18.313	-0.50000	0.0	0.0	0.0
	17.00000	30.00000	0.00000	-18.605	-0.50000	0.0	0.0	0.0
	18.00000	30.00000	0.00000	-18.921	-0.50000	0.0	0.0	0.0
	19.00000	30.00000	0.00000	-19.328	-0.50000	0.0	0.0	0.0
	20.00000	30.00000	0.00000	-19.912	-0.50000	0.0	0.0	0.0
	21.00000	30.00000	0.00000	-20.927	-0.50000	0.0	0.0	0.0
	22.00000	30.00000	0.00000	-24.043	-0.50000	0.0	0.0	0.0
	23.00000	30.00000	0.00000	-27.127	-0.50000	0.0	0.0	0.0
	24.00000	30.00000	0.00000	-28.045	-0.50000	0.0	0.0	0.0
	25.00000	30.00000	0.00000	-28.469	-0.50000	0.0	0.0	0.0
	26.00000	30.00000	0.00000	-28.641	-0.50000	0.0	0.0	0.0
	27.00000	30.00000	0.00000	-28.651	-0.50000	0.0	0.0	0.0
	28.00000	30.00000	0.00000	-28.539	-0.50000	0.0	0.0	0.0
	29.00000	30.00000	0.00000	-28.322	-0.50000	0.0	0.0	0.0
	30.00000	30.00000	0.00000	-28.004	-0.50000	0.0	0.0	0.0
	31.00000	30.00000	0.00000	-27.582	-0.50000	0.0	0.0	0.0
	32.00000	30.00000	0.00000	-27.043	-0.50000	0.0	0.0	0.0
	33.00000	30.00000	0.00000	-26.366	-0.50000	0.0	0.0	0.0
	34.00000	30.00000	0.00000	-25.512	-0.50000	0.0	0.0	0.0
	35.00000	30.00000	0.00000	-24.417	-0.50000	0.0	0.0	0.0
	36.00000	30.00000	0.00000	-22.953	-0.50000	0.0	0.0	0.0
	37.00000	30.00000	0.00000	-20.837	-0.50000	0.0	0.0	0.0
	38.00000	30.00000	0.00000	-16.394	-0.50000	0.0	0.0	0.0
	39.00000	30.00000	0.00000	-11.944	-0.50000	0.0	0.0	0.0
	40.00000	30.00000	0.00000	-9.8068	-0.50000	0.0	0.0	0.0
	41.00000	30.00000	0.00000	-8.3073	-0.50000	0.0	0.0	0.0
	42.00000	30.00000	0.00000	-7.1599	-0.50000	0.0	0.0	0.0
	43.00000	30.00000	0.00000	-6.2372	-0.50000	0.0	0.0	0.0
	44.00000	30.00000	0.00000	-5.4716	-0.50000	0.0	0.0	0.0
	45.00000	30.00000	0.00000	-4.8226	-0.50000	0.0	0.0	0.0
	46.00000	30.00000	0.00000	-4.2638	-0.50000	0.0	0.0	0.0
	47.00000	30.00000	0.00000	-3.7771	-0.50000	0.0	0.0	0.0
	48.00000	30.00000	0.00000	-3.3493	-0.50000	0.0	0.0	0.0
	49.00000	30.00000	0.00000	-2.9706	-0.50000	0.0	0.0	0.0
	50.00000	30.00000	0.00000	-2.6335	-0.50000	0.0	0.0	0.0
	51.00000	30.00000	0.00000	-2.3319	-0.50000	0.0	0.0	0.0
	52.00000	30.00000	0.00000	-2.0612	-0.50000	0.0	0.0	0.0
	53.00000	30.00000	0.00000	-1.8174	-0.50000	0.0	0.0	0.0
	54.00000	30.00000	0.00000	-1.5972	-0.50000	0.0	0.0	0.0
	55.00000	30.00000	0.00000	-1.3980	-0.50000	0.0	0.0	0.0
	56.00000	30.00000	0.00000	-1.2174	-0.50000	0.0	0.0	0.0
	57.00000	30.00000	0.00000	-1.0535	-0.50000	0.0	0.0	0.0
	58.00000	30.00000	0.00000	-0.90444	-0.50000	0.0	0.0	0.0
	59.00000	30.00000	0.00000	-0.76886	-0.50000	0.0	0.0	0.0
	60.00000	30.00000	0.00000	-0.64543	-0.50000	0.0	0.0	0.0
	-20.00000	31.00000	0.00000	-0.62213	-0.50000	0.0	0.0	0.0
	-19.00000	31.00000	0.00000	-0.74207	-0.50000	0.0	0.0	0.0
	-18.00000	31.00000	0.00000	-0.87366	-0.50000	0.0	0.0	0.0
	-17.00000	31.00000	0.00000	-1.0181	-0.50000	0.0	0.0	0.0
	-16.00000	31.00000	0.00000	-1.1767	-0.50000	0.0	0.0	0.0
	-15.00000	31.00000	0.00000	-1.3510	-0.50000	0.0	0.0	0.0
	-14.00000	31.00000	0.00000	-1.5429	-0.50000	0.0	0.0	0.0
	-13.00000	31.00000	0.00000	-1.7544	-0.50000	0.0	0.0	0.0
	-12.00000	31.00000	0.00000	-1.9878	-0.50000	0.0	0.0	0.0
	-11.00000	31.00000	0.00000	-2.2458	-0.50000	0.0	0.0	0.0
	-10.00000	31.00000	0.00000	-2.5238	-0.50000	0.0	0.0	0.0
	-9.00000	31.00000	0.00000	-2.8498	-0.50000	0.0	0.0	0.0
	-8.00000	31.00000	0.00000	-3.2041	-0.50000	0.0	0.0	0.0
	-7.00000	31.00000	0.00000	-3.6004	-0.50000	0.0	0.0	0.0
	-6.00000	31.00000	0.00000	-4.0455	-0.50000	0.0	0.0	0.0
	-5.00000	31.00000	0.00000	-4.5475	-0.50000	0.0	0.0	0.0
	-4.00000	31.00000	0.00000	-5.1162	-0.50000	0.0	0.0	0.0
	-3.00000	31.00000	0.00000	-5.7629	-0.50000	0.0	0.0	0.0
	-2.00000	31.00000	0.00000	-6.4983	-0.50000			



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-12.00000	33.00000	0.00000	-1.7329	-0.50000	0.0	0.0	0.0
	-11.00000	33.00000	0.00000	-1.9543	-0.50000	0.0	0.0	0.0
	-10.00000	33.00000	0.00000	-2.1970	-0.50000	0.0	0.0	0.0
	-9.00000	33.00000	0.00000	-2.4633	-0.50000	0.0	0.0	0.0
	-8.00000	33.00000	0.00000	-2.7557	-0.50000	0.0	0.0	0.0
	-7.00000	33.00000	0.00000	-3.0767	-0.50000	0.0	0.0	0.0
	-6.00000	33.00000	0.00000	-3.4292	-0.50000	0.0	0.0	0.0
	-5.00000	33.00000	0.00000	-3.8158	-0.50000	0.0	0.0	0.0
	-4.00000	33.00000	0.00000	-4.2386	-0.50000	0.0	0.0	0.0
	-3.00000	33.00000	0.00000	-4.6984	-0.50000	0.0	0.0	0.0
	-2.00000	33.00000	0.00000	-5.1932	-0.50000	0.0	0.0	0.0
	-1.00000	33.00000	0.00000	-5.7166	-0.50000	0.0	0.0	0.0
	0.00000	33.00000	0.00000	-6.2566	-0.50000	0.0	0.0	0.0
	1.00000	33.00000	0.00000	-6.7969	-0.50000	0.0	0.0	0.0
	2.00000	33.00000	0.00000	-7.3211	-0.50000	0.0	0.0	0.0
	3.00000	33.00000	0.00000	-7.8172	-0.50000	0.0	0.0	0.0
	4.00000	33.00000	0.00000	-8.2788	-0.50000	0.0	0.0	0.0
	5.00000	33.00000	0.00000	-8.7040	-0.50000	0.0	0.0	0.0
	6.00000	33.00000	0.00000	-9.0937	-0.50000	0.0	0.0	0.0
	7.00000	33.00000	0.00000	-9.4500	-0.50000	0.0	0.0	0.0
	8.00000	33.00000	0.00000	-9.7760	-0.50000	0.0	0.0	0.0
	9.00000	33.00000	0.00000	-10.075	-0.50000	0.0	0.0	0.0
	10.00000	33.00000	0.00000	-10.349	-0.50000	0.0	0.0	0.0
	11.00000	33.00000	0.00000	-10.604	-0.50000	0.0	0.0	0.0
	12.00000	33.00000	0.00000	-10.841	-0.50000	0.0	0.0	0.0
	13.00000	33.00000	0.00000	-11.064	-0.50000	0.0	0.0	0.0
	14.00000	33.00000	0.00000	-11.280	-0.50000	0.0	0.0	0.0
	15.00000	33.00000	0.00000	-11.492	-0.50000	0.0	0.0	0.0
	16.00000	33.00000	0.00000	-11.709	-0.50000	0.0	0.0	0.0
	17.00000	33.00000	0.00000	-11.940	-0.50000	0.0	0.0	0.0
	18.00000	33.00000	0.00000	-12.200	-0.50000	0.0	0.0	0.0
	19.00000	33.00000	0.00000	-12.513	-0.50000	0.0	0.0	0.0
	20.00000	33.00000	0.00000	-12.821	-0.50000	0.0	0.0	0.0
	21.00000	33.00000	0.00000	-13.443	-0.50000	0.0	0.0	0.0
	22.00000	33.00000	0.00000	-14.121	-0.50000	0.0	0.0	0.0
	23.00000	33.00000	0.00000	-14.774	-0.50000	0.0	0.0	0.0
	24.00000	33.00000	0.00000	-15.228	-0.50000	0.0	0.0	0.0
	25.00000	33.00000	0.00000	-15.495	-0.50000	0.0	0.0	0.0
	26.00000	33.00000	0.00000	-15.621	-0.50000	0.0	0.0	0.0
	27.00000	33.00000	0.00000	-15.637	-0.50000	0.0	0.0	0.0
	28.00000	33.00000	0.00000	-15.564	-0.50000	0.0	0.0	0.0
	29.00000	33.00000	0.00000	-15.411	-0.50000	0.0	0.0	0.0
	30.00000	33.00000	0.00000	-15.182	-0.50000	0.0	0.0	0.0
	31.00000	33.00000	0.00000	-14.877	-0.50000	0.0	0.0	0.0
	32.00000	33.00000	0.00000	-14.491	-0.50000	0.0	0.0	0.0
	33.00000	33.00000	0.00000	-14.017	-0.50000	0.0	0.0	0.0
	34.00000	33.00000	0.00000	-13.440	-0.50000	0.0	0.0	0.0
	35.00000	33.00000	0.00000	-12.740	-0.50000	0.0	0.0	0.0
	36.00000	33.00000	0.00000	-11.884	-0.50000	0.0	0.0	0.0
	37.00000	33.00000	0.00000	-10.835	-0.50000	0.0	0.0	0.0
	38.00000	33.00000	0.00000	-9.5896	-0.50000	0.0	0.0	0.0
	39.00000	33.00000	0.00000	-8.3380	-0.50000	0.0	0.0	0.0
	40.00000	33.00000	0.00000	-7.2684	-0.50000	0.0	0.0	0.0
	41.00000	33.00000	0.00000	-6.3795	-0.50000	0.0	0.0	0.0
	42.00000	33.00000	0.00000	-5.6308	-0.50000	0.0	0.0	0.0
	43.00000	33.00000	0.00000	-4.9900	-0.50000	0.0	0.0	0.0
	44.00000	33.00000	0.00000	-4.4345	-0.50000	0.0	0.0	0.0
	45.00000	33.00000	0.00000	-3.9478	-0.50000	0.0	0.0	0.0
	46.00000	33.00000	0.00000	-3.5179	-0.50000	0.0	0.0	0.0
	47.00000	33.00000	0.00000	-3.1357	-0.50000	0.0	0.0	0.0
	48.00000	33.00000	0.00000	-2.7940	-0.50000	0.0	0.0	0.0
	49.00000	33.00000	0.00000	-2.4872	-0.50000	0.0	0.0	0.0
	50.00000	33.00000	0.00000	-2.2107	-0.50000	0.0	0.0	0.0
	51.00000	33.00000	0.00000	-1.9609	-0.50000	0.0	0.0	0.0
	52.00000	33.00000	0.00000	-1.7344	-0.50000	0.0	0.0	0.0
	53.00000	33.00000	0.00000	-1.5288	-0.50000	0.0	0.0	0.0
	54.00000	33.00000	0.00000	-1.3418	-0.50000	0.0	0.0	0.0
	55.00000	33.00000	0.00000	-1.1714	-0.50000	0.0	0.0	0.0
	56.00000	33.00000	0.00000	-1.0161	-0.50000	0.0	0.0	0.0
	57.00000	33.00000	0.00000	-0.87440	-0.50000	0.0	0.0	0.0
	58.00000	33.00000	0.00000	-0.74496	-0.50000	0.0	0.0	0.0
	59.00000	33.00000	0.00000	-0.62669	-0.50000	0.0	0.0	0.0
	60.00000	33.00000	0.00000	-0.51859	-0.50000	0.0	0.0	0.0
	-20.00000	34.00000	0.00000	-0.47842	-0.50000	0.0	0.0	0.0
	-19.00000	34.00000	0.00000	-0.58064	-0.50000	0.0	0.0	0.0
	-18.00000	34.00000	0.00000	-0.69209	-0.50000	0.0	0.0	0.0
	-17.00000	34.00000	0.00000	-0.81360	-0.50000	0.0	0.0	0.0
	-16.00000	34.00000	0.00000	-0.94603	-0.50000	0.0	0.0	0.0
	-15.00000	34.00000	0.00000	-1.0904	-0.50000	0.0	0.0	0.0
	-14.00000	34.00000	0.00000	-1.2478	-0.50000	0.0	0.0	0.0
	-13.00000	34.00000	0.00000	-1.4195	-0.50000	0.0	0.0	0.0
	-12.00000	34.00000	0.00000	-1.6066	-0.50000	0.0	0.0	0.0
	-11.00000	34.00000	0.00000	-1.8106	-0.50000	0.0	0.0	0.0
	-10.00000	34.00000	0.00000	-2.0331	-0.50000	0.0	0.0	0.0
	-9.00000	34.00000	0.00000	-2.2756	-0.50000	0.0	0.0	0.0
	-8.00000	34.00000	0.00000	-2.5400	-0.50000	0.0	0.0	0.0
	-7.00000	34.00000	0.00000	-2.8278	-0.50000	0.0	0.0	0.0
	-6.00000	34.00000	0.00000	-3.1407	-0.50000	0.0	0.0	0.0
	-5.00000	34.00000	0.00000	-3.4798	-0.50000	0.0	0.0	0.0
	-4.00000	34.00000	0.00000	-3.8458	-0.50000	0.0	0.0	0.0
	-3.00000	34.00000	0.00000	-4.2378	-0.50000	0.0	0.0	0.0
	-2.00000	34.00000	0.00000	-4.6532	-0.50000	0.0	0.0	0.0
	-1.00000	34.00000	0.00000	-5.0868	-0.50000	0.0	0.0	0.0
	0.00000	34.00000	0.00000	-5.5304	-0.50000	0.0	0.0	0.0
	1.00000	34.00000	0.00000	-5.9743	-0.50000	0.0	0.0	0.0
	2.00000	34.00000	0.00000	-6.4084	-0.50000	0.0	0.0	0.0
	3.00000	34.00000	0.00000	-6.8248	-0.50000	0.0	0.0	0.0
	4.00000	34.00000	0.00000	-7.2182	-0.50000	0.0	0.0	0.0
	5.00000	34.00000	0.00000	-7.5860	-0.50000	0.0	0.0	0.0
	6.00000	34.00000	0.00000	-7.9276	-0.50000	0.0	0.0	0.0
	7.00000	34.00000	0.00000	-8.2436	-0.50000	0.0	0.0	0.0
	8.00000	34.00000	0.00000	-8.5355	-0.50000	0.0	0.0	0.0
	9.00000	34.00000	0.00000	-8.8053	-0.50000	0.0	0.0	0.0
	10.00000	34.00000	0.00000	-9.0552	-0.50000	0.0	0.0	0.0
	11.00000	34.00000	0.00000	-9.2877	-0.50000	0.0	0.0	0.0
	12.00000	34.00000	0.00000	-9.5056	-0.50000	0.0	0.0	0.0
	13.00000	34.00000	0.00000	-9.7120	-0.50000	0.0	0.0	0.0
	14.00000	34.00000	0.00000	-9.9105	-0.50000	0.0	0.0	0.0
	15.00000	34.00000	0.00000	-10.106	-0.50000	0.0	0.0	0.0
	16.00000	34.00000	0.00000	-10.303	-0.50000	0.0	0.0	0.0
	17.00000	34.00000	0.00000	-10.509	-0.50000	0.0	0.0	0.0
	18.00000	34.00000	0.00000	-10.734	-0.50000	0.0	0.0	0.0
	19.00000	34.00000	0.00000	-10.988	-0.50000	0.0	0.0	0.0
	20.00000	34.00000	0.00000	-11.288	-0.50000	0.0	0.0	0.0
	21.00000	34.00000	0.00000	-11.637	-0.50000	0.0	0.0	0.0
	22.00000	34.00000	0.00000	-12.019	-0.50000	0.0	0.0	0.0
	23.00000	34.00000	0.00000	-12.377	-0.50000	0.0	0.0	0.0
	24.00000	34.00000	0.00000	-12.654	-0.50000	0.0	0.0	0.0
	25.00000	34.00000	0.00000	-12.832	-0.50000	0.0	0.0	0.0
	26.00000	34.00000	0.00000	-12.916	-0.50000	0.0	0.0	0.0
	27.00000	34.00000	0.00000	-12.917	-0.50000	0.0	0.0	0.0
	28.00000	34.00000	0.00000	-12.845	-0.50000	0.0	0.0	0.0
	29.00000	34.00000	0.00000	-12.708	-0.50000	0.0	0.0	0.0
	30.00000	34.00000	0.00000	-12.500	-0.50000	0.0	0.0	0.0
	31.00000	34.00000	0.00000	-12.230	-0.50000	0.0	0.0	0.0
	32.00000	34.00000	0.00000	-11.892	-0.50000	0.0	0.0	0.0
	33.00000	34.00000	0.00000	-11.482	-0.50000	0.0	0.0	0.0
	34.00000	34.00000	0.00000	-10.992	-0.50000	0.0	0.0	0.0
	35.00000	34.00000	0.00000	-10.413	-0.50000	0.0	0.0	0.0
	36.00000	34.00000	0.00000	-9.7359	-0.50000	0.0	0.0	0.0
	37.00000	34.00000	0.00000	-8.9599	-0.50000	0.0	0.0	



73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		Vert Strain [-]
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	
	27.00000	36.00000	0.00000	-9.3844	-0.50000	0.0	0.0	0.0
	28.00000	36.00000	0.00000	-9.3121	-0.50000	0.0	0.0	0.0
	29.00000	36.00000	0.00000	-9.1934	-0.50000	0.0	0.0	0.0
	30.00000	36.00000	0.00000	-9.0290	-0.50000	0.0	0.0	0.0
	31.00000	36.00000	0.00000	-8.8189	-0.50000	0.0	0.0	0.0
	32.00000	36.00000	0.00000	-8.5628	-0.50000	0.0	0.0	0.0
	33.00000	36.00000	0.00000	-8.2600	-0.50000	0.0	0.0	0.0
	34.00000	36.00000	0.00000	-7.9103	-0.50000	0.0	0.0	0.0
	35.00000	36.00000	0.00000	-7.5142	-0.50000	0.0	0.0	0.0
	36.00000	36.00000	0.00000	-7.0749	-0.50000	0.0	0.0	0.0
	37.00000	36.00000	0.00000	-6.6000	-0.50000	0.0	0.0	0.0
	38.00000	36.00000	0.00000	-6.1023	-0.50000	0.0	0.0	0.0
	39.00000	36.00000	0.00000	-5.5990	-0.50000	0.0	0.0	0.0
	40.00000	36.00000	0.00000	-5.1071	-0.50000	0.0	0.0	0.0
	41.00000	36.00000	0.00000	-4.6392	-0.50000	0.0	0.0	0.0
	42.00000	36.00000	0.00000	-4.2023	-0.50000	0.0	0.0	0.0
	43.00000	36.00000	0.00000	-3.7987	-0.50000	0.0	0.0	0.0
	44.00000	36.00000	0.00000	-3.4282	-0.50000	0.0	0.0	0.0
	45.00000	36.00000	0.00000	-3.0890	-0.50000	0.0	0.0	0.0
	46.00000	36.00000	0.00000	-2.7788	-0.50000	0.0	0.0	0.0
	47.00000	36.00000	0.00000	-2.4952	-0.50000	0.0	0.0	0.0
	48.00000	36.00000	0.00000	-2.2359	-0.50000	0.0	0.0	0.0
	49.00000	36.00000	0.00000	-1.9985	-0.50000	0.0	0.0	0.0
	50.00000	36.00000	0.00000	-1.7812	-0.50000	0.0	0.0	0.0
	51.00000	36.00000	0.00000	-1.5820	-0.50000	0.0	0.0	0.0
	52.00000	36.00000	0.00000	-1.3993	-0.50000	0.0	0.0	0.0
	53.00000	36.00000	0.00000	-1.2318	-0.50000	0.0	0.0	0.0
	54.00000	36.00000	0.00000	-1.0779	-0.50000	0.0	0.0	0.0
	55.00000	36.00000	0.00000	-0.9366	-0.50000	0.0	0.0	0.0
	56.00000	36.00000	0.00000	-0.8065	-0.50000	0.0	0.0	0.0
	57.00000	36.00000	0.00000	-0.6877	-0.50000	0.0	0.0	0.0
	58.00000	36.00000	0.00000	-0.5783	-0.50000	0.0	0.0	0.0
	59.00000	36.00000	0.00000	-0.4777	-0.50000	0.0	0.0	0.0
	60.00000	36.00000	0.00000	-0.3853	-0.50000	0.0	0.0	0.0
	-20.00000	37.00000	0.00000	-0.3334	-0.50000	0.0	0.0	0.0
	-19.00000	37.00000	0.00000	-0.4184	-0.50000	0.0	0.0	0.0
	-18.00000	37.00000	0.00000	-0.5106	-0.50000	0.0	0.0	0.0
	-17.00000	37.00000	0.00000	-0.6104	-0.50000	0.0	0.0	0.0
	-16.00000	37.00000	0.00000	-0.7183	-0.50000	0.0	0.0	0.0
	-15.00000	37.00000	0.00000	-0.8349	-0.50000	0.0	0.0	0.0
	-14.00000	37.00000	0.00000	-0.9604	-0.50000	0.0	0.0	0.0
	-13.00000	37.00000	0.00000	-1.0968	-0.50000	0.0	0.0	0.0
	-12.00000	37.00000	0.00000	-1.2432	-0.50000	0.0	0.0	0.0
	-11.00000	37.00000	0.00000	-1.4007	-0.50000	0.0	0.0	0.0
	-10.00000	37.00000	0.00000	-1.5698	-0.50000	0.0	0.0	0.0
	-9.00000	37.00000	0.00000	-1.7512	-0.50000	0.0	0.0	0.0
	-8.00000	37.00000	0.00000	-1.9453	-0.50000	0.0	0.0	0.0
	-7.00000	37.00000	0.00000	-2.1521	-0.50000	0.0	0.0	0.0
	-6.00000	37.00000	0.00000	-2.3719	-0.50000	0.0	0.0	0.0
	-5.00000	37.00000	0.00000	-2.6042	-0.50000	0.0	0.0	0.0
	-4.00000	37.00000	0.00000	-2.8483	-0.50000	0.0	0.0	0.0
	-3.00000	37.00000	0.00000	-3.1029	-0.50000	0.0	0.0	0.0
	-2.00000	37.00000	0.00000	-3.3661	-0.50000	0.0	0.0	0.0
	-1.00000	37.00000	0.00000	-3.6356	-0.50000	0.0	0.0	0.0
	0.00000	37.00000	0.00000	-3.9083	-0.50000	0.0	0.0	0.0
	1.00000	37.00000	0.00000	-4.1810	-0.50000	0.0	0.0	0.0
	2.00000	37.00000	0.00000	-4.4505	-0.50000	0.0	0.0	0.0
	3.00000	37.00000	0.00000	-4.7140	-0.50000	0.0	0.0	0.0
	4.00000	37.00000	0.00000	-4.9689	-0.50000	0.0	0.0	0.0
	5.00000	37.00000	0.00000	-5.2134	-0.50000	0.0	0.0	0.0
	6.00000	37.00000	0.00000	-5.4464	-0.50000	0.0	0.0	0.0
	7.00000	37.00000	0.00000	-5.6672	-0.50000	0.0	0.0	0.0
	8.00000	37.00000	0.00000	-5.8756	-0.50000	0.0	0.0	0.0
	9.00000	37.00000	0.00000	-6.0719	-0.50000	0.0	0.0	0.0
	10.00000	37.00000	0.00000	-6.2566	-0.50000	0.0	0.0	0.0
	11.00000	37.00000	0.00000	-6.4305	-0.50000	0.0	0.0	0.0
	12.00000	37.00000	0.00000	-6.5947	-0.50000	0.0	0.0	0.0
	13.00000	37.00000	0.00000	-6.7503	-0.50000	0.0	0.0	0.0
	14.00000	37.00000	0.00000	-6.8988	-0.50000	0.0	0.0	0.0
	15.00000	37.00000	0.00000	-7.0415	-0.50000	0.0	0.0	0.0
	16.00000	37.00000	0.00000	-7.1802	-0.50000	0.0	0.0	0.0
	17.00000	37.00000	0.00000	-7.3163	-0.50000	0.0	0.0	0.0
	18.00000	37.00000	0.00000	-7.4509	-0.50000	0.0	0.0	0.0
	19.00000	37.00000	0.00000	-7.5844	-0.50000	0.0	0.0	0.0
	20.00000	37.00000	0.00000	-7.7157	-0.50000	0.0	0.0	0.0
	21.00000	37.00000	0.00000	-7.8416	-0.50000	0.0	0.0	0.0
	22.00000	37.00000	0.00000	-7.9565	-0.50000	0.0	0.0	0.0
	23.00000	37.00000	0.00000	-8.0531	-0.50000	0.0	0.0	0.0
	24.00000	37.00000	0.00000	-8.1241	-0.50000	0.0	0.0	0.0
	25.00000	37.00000	0.00000	-8.1634	-0.50000	0.0	0.0	0.0
	26.00000	37.00000	0.00000	-8.1674	-0.50000	0.0	0.0	0.0
	27.00000	37.00000	0.00000	-8.1341	-0.50000	0.0	0.0	0.0
	28.00000	37.00000	0.00000	-8.0628	-0.50000	0.0	0.0	0.0
	29.00000	37.00000	0.00000	-7.9535	-0.50000	0.0	0.0	0.0
	30.00000	37.00000	0.00000	-7.8062	-0.50000	0.0	0.0	0.0
	31.00000	37.00000	0.00000	-7.6212	-0.50000	0.0	0.0	0.0
	32.00000	37.00000	0.00000	-7.3985	-0.50000	0.0	0.0	0.0
	33.00000	37.00000	0.00000	-7.1385	-0.50000	0.0	0.0	0.0
	34.00000	37.00000	0.00000	-6.8420	-0.50000	0.0	0.0	0.0
	35.00000	37.00000	0.00000	-6.5109	-0.50000	0.0	0.0	0.0
	36.00000	37.00000	0.00000	-6.1489	-0.50000	0.0	0.0	0.0
	37.00000	37.00000	0.00000	-5.7623	-0.50000	0.0	0.0	0.0
	38.00000	37.00000	0.00000	-5.3597	-0.50000	0.0	0.0	0.0
	39.00000	37.00000	0.00000	-4.9520	-0.50000	0.0	0.0	0.0
	40.00000	37.00000	0.00000	-4.5494	-0.50000	0.0	0.0	0.0
	41.00000	37.00000	0.00000	-4.1607	-0.50000	0.0	0.0	0.0
	42.00000	37.00000	0.00000	-3.7915	-0.50000	0.0	0.0	0.0
	43.00000	37.00000	0.00000	-3.4451	-0.50000	0.0	0.0	0.0
	44.00000	37.00000	0.00000	-3.1224	-0.50000	0.0	0.0	0.0
	45.00000	37.00000	0.00000	-2.8234	-0.50000	0.0	0.0	0.0
	46.00000	37.00000	0.00000	-2.5471	-0.50000	0.0	0.0	0.0
	47.00000	37.00000	0.00000	-2.2923	-0.50000	0.0	0.0	0.0
	48.00000	37.00000	0.00000	-2.0575	-0.50000	0.0	0.0	0.0
	49.00000	37.00000	0.00000	-1.8412	-0.50000	0.0	0.0	0.0
	50.00000	37.00000	0.00000	-1.6420	-0.50000	0.0	0.0	0.0
	51.00000	37.00000	0.00000	-1.4586	-0.50000	0.0	0.0	0.0
	52.00000	37.00000	0.00000	-1.2897	-0.50000	0.0	0.0	0.0
	53.00000	37.00000	0.00000	-1.1341	-0.50000	0.0	0.0	0.0
	54.00000	37.00000	0.00000	-0.9908	-0.50000	0.0	0.0	0.0
	55.00000	37.00000	0.00000	-0.8596	-0.50000	0.0	0.0	0.0
	56							



73-75 Avenue Road, NW8

Short-term Heave

Name	Location			Stresses				
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
	-15.00000	40.00000	0.00000	-0.59735	-0.50000	0.0	0.0	0.0
	-14.00000	40.00000	0.00000	-0.69640	-0.50000	0.0	0.0	0.0
	-13.00000	40.00000	0.00000	-0.80225	-0.50000	0.0	0.0	0.0
	-12.00000	40.00000	0.00000	-0.91512	-0.50000	0.0	0.0	0.0
	-11.00000	40.00000	0.00000	-1.03522	-0.50000	0.0	0.0	0.0
	-10.00000	40.00000	0.00000	-1.16271	-0.50000	0.0	0.0	0.0
	-9.00000	40.00000	0.00000	-1.29777	-0.50000	0.0	0.0	0.0
	-8.00000	40.00000	0.00000	-1.44001	-0.50000	0.0	0.0	0.0
	-7.00000	40.00000	0.00000	-1.58998	-0.50000	0.0	0.0	0.0
	-6.00000	40.00000	0.00000	-1.74655	-0.50000	0.0	0.0	0.0
	-5.00000	40.00000	0.00000	-1.90997	-0.50000	0.0	0.0	0.0
	-4.00000	40.00000	0.00000	-2.07888	-0.50000	0.0	0.0	0.0
	-3.00000	40.00000	0.00000	-2.25330	-0.50000	0.0	0.0	0.0
	-2.00000	40.00000	0.00000	-2.43110	-0.50000	0.0	0.0	0.0
	-1.00000	40.00000	0.00000	-2.61118	-0.50000	0.0	0.0	0.0
	0.00000	40.00000	0.00000	-2.79400	-0.50000	0.0	0.0	0.0
	1.00000	40.00000	0.00000	-2.97660	-0.50000	0.0	0.0	0.0
	2.00000	40.00000	0.00000	-3.15566	-0.50000	0.0	0.0	0.0
	3.00000	40.00000	0.00000	-3.33422	-0.50000	0.0	0.0	0.0
	4.00000	40.00000	0.00000	-3.50778	-0.50000	0.0	0.0	0.0
	5.00000	40.00000	0.00000	-3.67662	-0.50000	0.0	0.0	0.0
	6.00000	40.00000	0.00000	-3.83887	-0.50000	0.0	0.0	0.0
	7.00000	40.00000	0.00000	-3.99485	-0.50000	0.0	0.0	0.0
	8.00000	40.00000	0.00000	-4.14333	-0.50000	0.0	0.0	0.0
	9.00000	40.00000	0.00000	-4.28449	-0.50000	0.0	0.0	0.0
	10.00000	40.00000	0.00000	-4.4192	-0.50000	0.0	0.0	0.0
	11.00000	40.00000	0.00000	-4.5463	-0.50000	0.0	0.0	0.0
	12.00000	40.00000	0.00000	-4.6663	-0.50000	0.0	0.0	0.0
	13.00000	40.00000	0.00000	-4.7795	-0.50000	0.0	0.0	0.0
	14.00000	40.00000	0.00000	-4.8861	-0.50000	0.0	0.0	0.0
	15.00000	40.00000	0.00000	-4.9864	-0.50000	0.0	0.0	0.0
	16.00000	40.00000	0.00000	-5.0805	-0.50000	0.0	0.0	0.0
	17.00000	40.00000	0.00000	-5.1684	-0.50000	0.0	0.0	0.0
	18.00000	40.00000	0.00000	-5.2499	-0.50000	0.0	0.0	0.0
	19.00000	40.00000	0.00000	-5.3243	-0.50000	0.0	0.0	0.0
	20.00000	40.00000	0.00000	-5.3906	-0.50000	0.0	0.0	0.0
	21.00000	40.00000	0.00000	-5.4473	-0.50000	0.0	0.0	0.0
	22.00000	40.00000	0.00000	-5.4926	-0.50000	0.0	0.0	0.0
	23.00000	40.00000	0.00000	-5.5243	-0.50000	0.0	0.0	0.0
	24.00000	40.00000	0.00000	-5.5404	-0.50000	0.0	0.0	0.0
	25.00000	40.00000	0.00000	-5.5388	-0.50000	0.0	0.0	0.0
	26.00000	40.00000	0.00000	-5.5180	-0.50000	0.0	0.0	0.0
	27.00000	40.00000	0.00000	-5.4768	-0.50000	0.0	0.0	0.0
	28.00000	40.00000	0.00000	-5.4145	-0.50000	0.0	0.0	0.0
	29.00000	40.00000	0.00000	-5.3305	-0.50000	0.0	0.0	0.0
	30.00000	40.00000	0.00000	-5.2248	-0.50000	0.0	0.0	0.0
	31.00000	40.00000	0.00000	-5.0978	-0.50000	0.0	0.0	0.0
	32.00000	40.00000	0.00000	-4.9499	-0.50000	0.0	0.0	0.0
	33.00000	40.00000	0.00000	-4.7820	-0.50000	0.0	0.0	0.0
	34.00000	40.00000	0.00000	-4.5957	-0.50000	0.0	0.0	0.0
	35.00000	40.00000	0.00000	-4.3926	-0.50000	0.0	0.0	0.0
	36.00000	40.00000	0.00000	-4.1753	-0.50000	0.0	0.0	0.0
	37.00000	40.00000	0.00000	-3.9468	-0.50000	0.0	0.0	0.0
	38.00000	40.00000	0.00000	-3.7104	-0.50000	0.0	0.0	0.0
	39.00000	40.00000	0.00000	-3.4698	-0.50000	0.0	0.0	0.0
	40.00000	40.00000	0.00000	-3.2287	-0.50000	0.0	0.0	0.0
	41.00000	40.00000	0.00000	-2.9903	-0.50000	0.0	0.0	0.0
	42.00000	40.00000	0.00000	-2.7575	-0.50000	0.0	0.0	0.0
	43.00000	40.00000	0.00000	-2.5325	-0.50000	0.0	0.0	0.0
	44.00000	40.00000	0.00000	-2.3168	-0.50000	0.0	0.0	0.0
	45.00000	40.00000	0.00000	-2.1114	-0.50000	0.0	0.0	0.0
	46.00000	40.00000	0.00000	-1.9168	-0.50000	0.0	0.0	0.0
	47.00000	40.00000	0.00000	-1.7334	-0.50000	0.0	0.0	0.0
	48.00000	40.00000	0.00000	-1.5610	-0.50000	0.0	0.0	0.0
	49.00000	40.00000	0.00000	-1.3994	-0.50000	0.0	0.0	0.0
	50.00000	40.00000	0.00000	-1.2482	-0.50000	0.0	0.0	0.0
	51.00000	40.00000	0.00000	-1.1073	-0.50000	0.0	0.0	0.0
	52.00000	40.00000	0.00000	-0.9755	-0.50000	0.0	0.0	0.0
	53.00000	40.00000	0.00000	-0.8530	-0.50000	0.0	0.0	0.0
	54.00000	40.00000	0.00000	-0.7391	-0.50000	0.0	0.0	0.0
	55.00000	40.00000	0.00000	-0.6332	-0.50000	0.0	0.0	0.0
	56.00000	40.00000	0.00000	-0.5350	-0.50000	0.0	0.0	0.0
	57.00000	40.00000	0.00000	-0.4439	-0.50000	0.0	0.0	0.0
	58.00000	40.00000	0.00000	-0.3595	-0.50000	0.0	0.0	0.0
	59.00000	40.00000	0.00000	-0.2813	-0.50000	0.0	0.0	0.0
	60.00000	40.00000	0.00000	-0.2090	-0.50000	0.0	0.0	0.0
	-20.00000	41.00000	0.00000	-0.1497	-0.50000	0.0	0.0	0.0
	-19.00000	41.00000	0.00000	-0.2143	-0.50000	0.0	0.0	0.0
	-18.00000	41.00000	0.00000	-0.2837	-0.50000	0.0	0.0	0.0
	-17.00000	41.00000	0.00000	-0.3582	-0.50000	0.0	0.0	0.0
	-16.00000	41.00000	0.00000	-0.4380	-0.50000	0.0	0.0	0.0
	-15.00000	41.00000	0.00000	-0.5234	-0.50000	0.0	0.0	0.0
	-14.00000	41.00000	0.00000	-0.6146	-0.50000	0.0	0.0	0.0
	-13.00000	41.00000	0.00000	-0.7117	-0.50000	0.0	0.0	0.0
	-12.00000	41.00000	0.00000	-0.8151	-0.50000	0.0	0.0	0.0
	-11.00000	41.00000	0.00000	-0.9246	-0.50000	0.0	0.0	0.0
	-10.00000	41.00000	0.00000	-1.0406	-0.50000	0.0	0.0	0.0
	-9.00000	41.00000	0.00000	-1.1629	-0.50000	0.0	0.0	0.0
	-8.00000	41.00000	0.00000	-1.2915	-0.50000	0.0	0.0	0.0
	-7.00000	41.00000	0.00000	-1.4262	-0.50000	0.0	0.0	0.0
	-6.00000	41.00000	0.00000	-1.5667	-0.50000	0.0	0.0	0.0
	-5.00000	41.00000	0.00000	-1.7125	-0.50000	0.0	0.0	0.0
	-4.00000	41.00000	0.00000	-1.8631	-0.50000	0.0	0.0	0.0
	-3.00000	41.00000	0.00000	-2.0177	-0.50000	0.0	0.0	0.0
	-2.00000	41.00000	0.00000	-2.1755	-0.50000	0.0	0.0	0.0
	-1.00000	41.00000	0.00000	-2.3354	-0.50000	0.0	0.0	0.0
	0.00000	41.00000	0.00000	-2.4963	-0.50000	0.0	0.0	0.0
	1.00000	41.00000	0.00000	-2.6571	-0.50000	0.0	0.0	0.0
	2.00000	41.00000	0.00000	-2.8166	-0.50000	0.0	0.0	0.0
	3.00000	41.00000	0.00000	-2.9738	-0.50000	0.0	0.0	0.0
	4.00000	41.00000	0.00000	-3.1276	-0.50000	0.0	0.0	0.0
	5.00000	41.00000	0.00000	-3.2772	-0.50000	0.0	0.0	0.0
	6.00000	41.00000	0.00000	-3.4218	-0.50000	0.0	0.0	0.0
	7.00000	41.00000	0.00000	-3.5609	-0.50000	0.0	0.0	0.0
	8.00000	41.00000	0.00000	-3.6941	-0.50000	0.0	0.0	0.0
	9.00000	41.00000	0.00000	-3.8210	-0.50000	0.0	0.0	0.0
	10.00000	41.00000	0.00000	-3.9415	-0.50000	0.0	0.0	0.0
	11.00000	41.00000	0.00000	-4.0556	-0.50000	0.0	0.0	0.0
	12.00000	41.00000	0.00000	-4.1633	-0.50000	0.0	0.0	0.0
	13.00000	41.00000	0.00000	-4.2647	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Short-term Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	24.00000	43.00000	0.00000	-3.84884	-0.50000	0.0	0.0	0.0
	25.00000	43.00000	0.00000	-3.83600	-0.50000	0.0	0.0	0.0
	26.00000	43.00000	0.00000	-3.81155	-0.50000	0.0	0.0	0.0
	27.00000	43.00000	0.00000	-3.77455	-0.50000	0.0	0.0	0.0
	28.00000	43.00000	0.00000	-3.72447	-0.50000	0.0	0.0	0.0
	29.00000	43.00000	0.00000	-3.66188	-0.50000	0.0	0.0	0.0
	30.00000	43.00000	0.00000	-3.58660	-0.50000	0.0	0.0	0.0
	31.00000	43.00000	0.00000	-3.49766	-0.50000	0.0	0.0	0.0
	32.00000	43.00000	0.00000	-3.39700	-0.50000	0.0	0.0	0.0
	33.00000	43.00000	0.00000	-3.28500	-0.50000	0.0	0.0	0.0
	34.00000	43.00000	0.00000	-3.16224	-0.50000	0.0	0.0	0.0
	35.00000	43.00000	0.00000	-3.03004	-0.50000	0.0	0.0	0.0
	36.00000	43.00000	0.00000	-2.89004	-0.50000	0.0	0.0	0.0
	37.00000	43.00000	0.00000	-2.74388	-0.50000	0.0	0.0	0.0
	38.00000	43.00000	0.00000	-2.59224	-0.50000	0.0	0.0	0.0
	39.00000	43.00000	0.00000	-2.43777	-0.50000	0.0	0.0	0.0
	40.00000	43.00000	0.00000	-2.28155	-0.50000	0.0	0.0	0.0
	41.00000	43.00000	0.00000	-2.12555	-0.50000	0.0	0.0	0.0
	42.00000	43.00000	0.00000	-1.97110	-0.50000	0.0	0.0	0.0
	43.00000	43.00000	0.00000	-1.81933	-0.50000	0.0	0.0	0.0
	44.00000	43.00000	0.00000	-1.67155	-0.50000	0.0	0.0	0.0
	45.00000	43.00000	0.00000	-1.52885	-0.50000	0.0	0.0	0.0
	46.00000	43.00000	0.00000	-1.39008	-0.50000	0.0	0.0	0.0
	47.00000	43.00000	0.00000	-1.25899	-0.50000	0.0	0.0	0.0
	48.00000	43.00000	0.00000	-1.13300	-0.50000	0.0	0.0	0.0
	49.00000	43.00000	0.00000	-1.01335	-0.50000	0.0	0.0	0.0
	50.00000	43.00000	0.00000	-0.90024	-0.50000	0.0	0.0	0.0
	51.00000	43.00000	0.00000	-0.79325	-0.50000	0.0	0.0	0.0
	52.00000	43.00000	0.00000	-0.69242	-0.50000	0.0	0.0	0.0
	53.00000	43.00000	0.00000	-0.59761	-0.50000	0.0	0.0	0.0
	54.00000	43.00000	0.00000	-0.50863	-0.50000	0.0	0.0	0.0
	55.00000	43.00000	0.00000	-0.42527	-0.50000	0.0	0.0	0.0
	56.00000	43.00000	0.00000	-0.34723	-0.50000	0.0	0.0	0.0
	57.00000	43.00000	0.00000	-0.27451	-0.50000	0.0	0.0	0.0
	58.00000	43.00000	0.00000	-0.20663	-0.50000	0.0	0.0	0.0
	59.00000	43.00000	0.00000	-0.14343	-0.50000	0.0	0.0	0.0
	60.00000	43.00000	0.00000	-0.0846755	-0.50000	0.0	0.0	0.0
	-20.00000	44.00000	0.00000	-0.025176	-0.50000	0.0	0.0	0.0
	-19.00000	44.00000	0.00000	-0.076705	-0.50000	0.0	0.0	0.0
	-18.00000	44.00000	0.00000	-0.131822	-0.50000	0.0	0.0	0.0
	-17.00000	44.00000	0.00000	-0.190644	-0.50000	0.0	0.0	0.0
	-16.00000	44.00000	0.00000	-0.253299	-0.50000	0.0	0.0	0.0
	-15.00000	44.00000	0.00000	-0.319899	-0.50000	0.0	0.0	0.0
	-14.00000	44.00000	0.00000	-0.390520	-0.50000	0.0	0.0	0.0
	-13.00000	44.00000	0.00000	-0.465255	-0.50000	0.0	0.0	0.0
	-12.00000	44.00000	0.00000	-0.544111	-0.50000	0.0	0.0	0.0
	-11.00000	44.00000	0.00000	-0.627331	-0.50000	0.0	0.0	0.0
	-10.00000	44.00000	0.00000	-0.714222	-0.50000	0.0	0.0	0.0
	-9.00000	44.00000	0.00000	-0.805334	-0.50000	0.0	0.0	0.0
	-8.00000	44.00000	0.00000	-0.900333	-0.50000	0.0	0.0	0.0
	-7.00000	44.00000	0.00000	-0.999000	-0.50000	0.0	0.0	0.0
	-6.00000	44.00000	0.00000	-1.10111	-0.50000	0.0	0.0	0.0
	-5.00000	44.00000	0.00000	-1.20662	-0.50000	0.0	0.0	0.0
	-4.00000	44.00000	0.00000	-1.31440	-0.50000	0.0	0.0	0.0
	-3.00000	44.00000	0.00000	-1.42440	-0.50000	0.0	0.0	0.0
	-2.00000	44.00000	0.00000	-1.53557	-0.50000	0.0	0.0	0.0
	-1.00000	44.00000	0.00000	-1.64884	-0.50000	0.0	0.0	0.0
	0.00000	44.00000	0.00000	-1.76516	-0.50000	0.0	0.0	0.0
	1.00000	44.00000	0.00000	-1.87466	-0.50000	0.0	0.0	0.0
	2.00000	44.00000	0.00000	-1.98688	-0.50000	0.0	0.0	0.0
	3.00000	44.00000	0.00000	-2.09785	-0.50000	0.0	0.0	0.0
	4.00000	44.00000	0.00000	-2.20661	-0.50000	0.0	0.0	0.0
	5.00000	44.00000	0.00000	-2.31222	-0.50000	0.0	0.0	0.0
	6.00000	44.00000	0.00000	-2.41552	-0.50000	0.0	0.0	0.0
	7.00000	44.00000	0.00000	-2.51477	-0.50000	0.0	0.0	0.0
	8.00000	44.00000	0.00000	-2.61033	-0.50000	0.0	0.0	0.0
	9.00000	44.00000	0.00000	-2.70177	-0.50000	0.0	0.0	0.0
	10.00000	44.00000	0.00000	-2.78866	-0.50000	0.0	0.0	0.0
	11.00000	44.00000	0.00000	-2.87099	-0.50000	0.0	0.0	0.0
	12.00000	44.00000	0.00000	-2.94884	-0.50000	0.0	0.0	0.0
	13.00000	44.00000	0.00000	-3.02209	-0.50000	0.0	0.0	0.0
	14.00000	44.00000	0.00000	-3.08822	-0.50000	0.0	0.0	0.0
	15.00000	44.00000	0.00000	-3.15001	-0.50000	0.0	0.0	0.0
	16.00000	44.00000	0.00000	-3.20655	-0.50000	0.0	0.0	0.0
	17.00000	44.00000	0.00000	-3.25771	-0.50000	0.0	0.0	0.0
	18.00000	44.00000	0.00000	-3.30314	-0.50000	0.0	0.0	0.0
	19.00000	44.00000	0.00000	-3.33392	-0.50000	0.0	0.0	0.0
	20.00000	44.00000	0.00000	-3.37000	-0.50000	0.0	0.0	0.0
	21.00000	44.00000	0.00000	-3.39331	-0.50000	0.0	0.0	0.0
	22.00000	44.00000	0.00000	-3.40799	-0.50000	0.0	0.0	0.0
	23.00000	44.00000	0.00000	-3.41440	-0.50000	0.0	0.0	0.0
	24.00000	44.00000	0.00000	-3.41205	-0.50000	0.0	0.0	0.0
	25.00000	44.00000	0.00000	-3.39711	-0.50000	0.0	0.0	0.0
	26.00000	44.00000	0.00000	-3.37332	-0.50000	0.0	0.0	0.0
	27.00000	44.00000	0.00000	-3.33888	-0.50000	0.0	0.0	0.0
	28.00000	44.00000	0.00000	-3.29228	-0.50000	0.0	0.0	0.0
	29.00000	44.00000	0.00000	-3.23599	-0.50000	0.0	0.0	0.0
	30.00000	44.00000	0.00000	-3.16881	-0.50000	0.0	0.0	0.0
	31.00000	44.00000	0.00000	-3.08999	-0.50000	0.0	0.0	0.0
	32.00000	44.00000	0.00000	-3.00066	-0.50000	0.0	0.0	0.0
	33.00000	44.00000	0.00000	-2.90200	-0.50000	0.0	0.0	0.0
	34.00000	44.00000	0.00000	-2.79466	-0.50000	0.0	0.0	0.0
	35.00000	44.00000	0.00000	-2.67911	-0.50000	0.0	0.0	0.0
	36.00000	44.00000	0.00000	-2.55699	-0.50000	0.0	0.0	0.0
	37.00000	44.00000	0.00000	-2.42291	-0.50000	0.0	0.0	0.0
	38.00000	44.00000	0.00000	-2.27700	-0.50000	0.0	0.0	0.0
	39.00000	44.00000	0.00000	-2.16139	-0.50000	0.0	0.0	0.0
	40.00000	44.00000	0.00000	-2.02544	-0.50000	0.0	0.0	0.0
	41.00000	44.00000	0.00000	-1.88866	-0.50000	0.0	0.0	0.0
	42.00000	44.00000	0.00000	-1.75277	-0.50000	0.0	0.0	0.0
	43.00000	44.00000	0.00000	-1.61889	-0.50000	0.0	0.0	0.0
	44.00000	44.00000	0.00000	-1.48799	-0.50000	0.0	0.0	0.0
	45.00000	44.00000	0.00000	-1.36007	-0.50000	0.0	0.0	0.0
	46.00000	44.00000	0.00000	-1.23777	-0.50000	0.0	0.0	0.0
	47.00000	44.00000	0.00000	-1.11394	-0.50000	0.0	0.0	0.0
	48.00000	44.00000	0.00000	-1.00662	-0.50000	0.0	0.0	0.0
	49.00000	44.00000	0.00000	-0.898155	-0.50000	0.0	0.0	0.0
	50.00000	44.00000	0.00000	-0.795455	-0.50000	0.0	0.0	0.0
	51.00000	44.00000	0.00000	-0.698099	-0.50000	0.0	0.0	0.0
	52.00000	44.00000	0.00000	-0.60605	-0.50000	0.0	0.0	0.0
	53.00000	44.00000	0.00000	-0.519255	-0.50000	0.0	0.0	0.0
	54.00000	44.00000	0.00000	-0.43757	-0.50000	0.0	0.0	0.0
	55.00000	44.00000	0.00000	-0.360088	-0.50000	0.0	0.0	0.0
	56.00000	44.00000	0.00000	-0.288933	-0.50000	0.0	0.0	0.0
	57.00000	44.00000	0.00000	-0.221662	-0.50000	0.0	0.0	0.0
	58.00000	44.00000	0.00000	-0.158775	-0.50000	0.0	0.0	0.0
	59.00000	44.00000	0.00000	-0.100100	-0.50000	0.0	0.0	0.0
	60.00000	44.00000	0.00000	-0.045483	-0.50000	0.0	0.0	0.0
	-20.00000	45.00000	0.00000	0.033290	-0.50000	0.0	0.0	0.0
	-19.00000	45.00000	0.00000	-0.034351	-0.50000	0.0	0.0	0.0
	-18.00000	45.00000	0.00000	-0.085226	-0.50000	0.0	0.0	0.0
	-17.00000	45.00000	0.00000	-0.139444	-0.50000	0.0	0.0	0.0
	-16.00000	45.00000	0.00000	-0.197099	-0.50000	0.0	0.0	0.0
	-15.00000	45.00000	0.00000	-0.258255	-0.50000	0.0	0.0	0.0
	-14.00000	45.00000	0.00000	-0.323000	-0.50000	0.0	0.0	0.0
	-13.00000	45.00000	0.00000	-0.391336	-0.50000	0.0	0.0	0.0
	-12.00000	45.00000	0.00000	-0.463335	-0.50000	0.0	0.0	0.0
	-11.00000	45.00000	0.00000	-0.53896	-0.50000	0.0	0.0	0.0
	-10.00000	45.00000	0.00000	-0.618133	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		Vert Strain [-]
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	
	-18.00000	47.00000	0.00000	0.0016007	-0.50000	0.0	0.0	0.0
	-17.00000	47.00000	0.00000	-0.044272	-0.50000	0.0	0.0	0.0
	-16.00000	47.00000	0.00000	-0.092902	-0.50000	0.0	0.0	0.0
	-15.00000	47.00000	0.00000	-0.14433	-0.50000	0.0	0.0	0.0
	-14.00000	47.00000	0.00000	-0.19858	-0.50000	0.0	0.0	0.0
	-13.00000	47.00000	0.00000	-0.25567	-0.50000	0.0	0.0	0.0
	-12.00000	47.00000	0.00000	-0.31557	-0.50000	0.0	0.0	0.0
	-11.00000	47.00000	0.00000	-0.37824	-0.50000	0.0	0.0	0.0
	-10.00000	47.00000	0.00000	-0.44361	-0.50000	0.0	0.0	0.0
	-9.00000	47.00000	0.00000	-0.51159	-0.50000	0.0	0.0	0.0
	-8.00000	47.00000	0.00000	-0.58204	-0.50000	0.0	0.0	0.0
	-7.00000	47.00000	0.00000	-0.65480	-0.50000	0.0	0.0	0.0
	-6.00000	47.00000	0.00000	-0.72964	-0.50000	0.0	0.0	0.0
	-5.00000	47.00000	0.00000	-0.80634	-0.50000	0.0	0.0	0.0
	-4.00000	47.00000	0.00000	-0.88461	-0.50000	0.0	0.0	0.0
	-3.00000	47.00000	0.00000	-0.96414	-0.50000	0.0	0.0	0.0
	-2.00000	47.00000	0.00000	-1.0446	-0.50000	0.0	0.0	0.0
	-1.00000	47.00000	0.00000	-1.1256	-0.50000	0.0	0.0	0.0
	0.00000	47.00000	0.00000	-1.2068	-0.50000	0.0	0.0	0.0
	1.00000	47.00000	0.00000	-1.2877	-0.50000	0.0	0.0	0.0
	2.00000	47.00000	0.00000	-1.3680	-0.50000	0.0	0.0	0.0
	3.00000	47.00000	0.00000	-1.4473	-0.50000	0.0	0.0	0.0
	4.00000	47.00000	0.00000	-1.5253	-0.50000	0.0	0.0	0.0
	5.00000	47.00000	0.00000	-1.6014	-0.50000	0.0	0.0	0.0
	6.00000	47.00000	0.00000	-1.6755	-0.50000	0.0	0.0	0.0
	7.00000	47.00000	0.00000	-1.7471	-0.50000	0.0	0.0	0.0
	8.00000	47.00000	0.00000	-1.8160	-0.50000	0.0	0.0	0.0
	9.00000	47.00000	0.00000	-1.8819	-0.50000	0.0	0.0	0.0
	10.00000	47.00000	0.00000	-1.9446	-0.50000	0.0	0.0	0.0
	11.00000	47.00000	0.00000	-2.0039	-0.50000	0.0	0.0	0.0
	12.00000	47.00000	0.00000	-2.0594	-0.50000	0.0	0.0	0.0
	13.00000	47.00000	0.00000	-2.1111	-0.50000	0.0	0.0	0.0
	14.00000	47.00000	0.00000	-2.1588	-0.50000	0.0	0.0	0.0
	15.00000	47.00000	0.00000	-2.2022	-0.50000	0.0	0.0	0.0
	16.00000	47.00000	0.00000	-2.2411	-0.50000	0.0	0.0	0.0
	17.00000	47.00000	0.00000	-2.2753	-0.50000	0.0	0.0	0.0
	18.00000	47.00000	0.00000	-2.3045	-0.50000	0.0	0.0	0.0
	19.00000	47.00000	0.00000	-2.3285	-0.50000	0.0	0.0	0.0
	20.00000	47.00000	0.00000	-2.3470	-0.50000	0.0	0.0	0.0
	21.00000	47.00000	0.00000	-2.3597	-0.50000	0.0	0.0	0.0
	22.00000	47.00000	0.00000	-2.3663	-0.50000	0.0	0.0	0.0
	23.00000	47.00000	0.00000	-2.3665	-0.50000	0.0	0.0	0.0
	24.00000	47.00000	0.00000	-2.3601	-0.50000	0.0	0.0	0.0
	25.00000	47.00000	0.00000	-2.3468	-0.50000	0.0	0.0	0.0
	26.00000	47.00000	0.00000	-2.3265	-0.50000	0.0	0.0	0.0
	27.00000	47.00000	0.00000	-2.2991	-0.50000	0.0	0.0	0.0
	28.00000	47.00000	0.00000	-2.2645	-0.50000	0.0	0.0	0.0
	29.00000	47.00000	0.00000	-2.2227	-0.50000	0.0	0.0	0.0
	30.00000	47.00000	0.00000	-2.1739	-0.50000	0.0	0.0	0.0
	31.00000	47.00000	0.00000	-2.1183	-0.50000	0.0	0.0	0.0
	32.00000	47.00000	0.00000	-2.0563	-0.50000	0.0	0.0	0.0
	33.00000	47.00000	0.00000	-1.9881	-0.50000	0.0	0.0	0.0
	34.00000	47.00000	0.00000	-1.9144	-0.50000	0.0	0.0	0.0
	35.00000	47.00000	0.00000	-1.8356	-0.50000	0.0	0.0	0.0
	36.00000	47.00000	0.00000	-1.7525	-0.50000	0.0	0.0	0.0
	37.00000	47.00000	0.00000	-1.6657	-0.50000	0.0	0.0	0.0
	38.00000	47.00000	0.00000	-1.5760	-0.50000	0.0	0.0	0.0
	39.00000	47.00000	0.00000	-1.4841	-0.50000	0.0	0.0	0.0
	40.00000	47.00000	0.00000	-1.3908	-0.50000	0.0	0.0	0.0
	41.00000	47.00000	0.00000	-1.2968	-0.50000	0.0	0.0	0.0
	42.00000	47.00000	0.00000	-1.2028	-0.50000	0.0	0.0	0.0
	43.00000	47.00000	0.00000	-1.1095	-0.50000	0.0	0.0	0.0
	44.00000	47.00000	0.00000	-1.0174	-0.50000	0.0	0.0	0.0
	45.00000	47.00000	0.00000	-0.92709	-0.50000	0.0	0.0	0.0
	46.00000	47.00000	0.00000	-0.83898	-0.50000	0.0	0.0	0.0
	47.00000	47.00000	0.00000	-0.75342	-0.50000	0.0	0.0	0.0
	48.00000	47.00000	0.00000	-0.67072	-0.50000	0.0	0.0	0.0
	49.00000	47.00000	0.00000	-0.59109	-0.50000	0.0	0.0	0.0
	50.00000	47.00000	0.00000	-0.51470	-0.50000	0.0	0.0	0.0
	51.00000	47.00000	0.00000	-0.44166	-0.50000	0.0	0.0	0.0
	52.00000	47.00000	0.00000	-0.37205	-0.50000	0.0	0.0	0.0
	53.00000	47.00000	0.00000	-0.30589	-0.50000	0.0	0.0	0.0
	54.00000	47.00000	0.00000	-0.24318	-0.50000	0.0	0.0	0.0
	55.00000	47.00000	0.00000	-0.18388	-0.50000	0.0	0.0	0.0
	56.00000	47.00000	0.00000	-0.12793	-0.50000	0.0	0.0	0.0
	57.00000	47.00000	0.00000	-0.075271	-0.50000	0.0	0.0	0.0
	58.00000	47.00000	0.00000	-0.025806	-0.50000	0.0	0.0	0.0
	59.00000	47.00000	0.00000	0.020560	-0.50000	0.0	0.0	0.0
	60.00000	47.00000	0.00000	0.063933	-0.50000	0.0	0.0	0.0
	-20.00000	48.00000	0.00000	0.11880	-0.50000	0.0	0.0	0.0
	-19.00000	48.00000	0.00000	0.081498	-0.50000	0.0	0.0	0.0
	-18.00000	48.00000	0.00000	0.041817	-0.50000	0.0	0.0	0.0
	-17.00000	48.00000	0.00000	-296.37E-6	-0.50000	0.0	0.0	0.0
	-16.00000	48.00000	0.00000	-0.044882	-0.50000	0.0	0.0	0.0
	-15.00000	48.00000	0.00000	-0.091968	-0.50000	0.0	0.0	0.0
	-14.00000	48.00000	0.00000	-0.14157	-0.50000	0.0	0.0	0.0
	-13.00000	48.00000	0.00000	-0.19367	-0.50000	0.0	0.0	0.0
	-12.00000	48.00000	0.00000	-0.24826	-0.50000	0.0	0.0	0.0
	-11.00000	48.00000	0.00000	-0.30528	-0.50000	0.0	0.0	0.0
	-10.00000	48.00000	0.00000	-0.36468	-0.50000	0.0	0.0	0.0
	-9.00000	48.00000	0.00000	-0.42634	-0.50000	0.0	0.0	0.0
	-8.00000	48.00000	0.00000	-0.49014	-0.50000	0.0	0.0	0.0
	-7.00000	48.00000	0.00000	-0.55592	-0.50000	0.0	0.0	0.0
	-6.00000	48.00000	0.00000	-0.62349	-0.50000	0.0	0.0	0.0
	-5.00000	48.00000	0.00000	-0.69265	-0.50000	0.0	0.0	0.0
	-4.00000	48.00000	0.00000	-0.76314	-0.50000	0.0	0.0	0.0
	-3.00000	48.00000	0.00000	-0.83468	-0.50000	0.0	0.0	0.0
	-2.00000	48.00000	0.00000	-0.90698	-0.50000	0.0	0.0	0.0
	-1.00000	48.00000	0.00000	-0.97973	-0.50000	0.0	0.0	0.0
	0.00000	48.00000	0.00000	-1.0526	-0.50000	0.0	0.0	0.0
	1.00000	48.00000	0.00000	-1.1252	-0.50000	0.0	0.0	0.0
	2.00000	48.00000	0.00000	-1.1973	-0.50000	0.0	0.0	0.0
	3.00000	48.00000	0.00000	-1.2684	-0.50000	0.0	0.0	0.0
	4.00000	48.00000	0.00000	-1.3383	-0.50000	0.0	0.0	0.0
	5.00000	48.00000	0.00000	-1.4066	-0.50000	0.0	0.0	0.0
	6.00000	48.00000	0.00000	-1.4730	-0.50000	0.0	0.0	0.0
	7.00000	48.00000	0.00000	-1.5373	-0.50000	0.0	0.0	0.0
	8.00000	48.00000	0.00000	-1.5991	-0.50000	0.0	0.0	0.0
	9.00000	48.00000	0.00000	-1.6583	-0.50000	0.0	0.0	0.0
	10.00000	48.00000	0.00000	-1.7145	-0			

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Stresses			
	X [m]	Y [m]			Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	21.00000	50.00000	0.00000	-1.6044	-0.50000	0.0	0.0	0.0
	22.00000	50.00000	0.00000	-1.6072	-0.50000	0.0	0.0	0.0
	23.00000	50.00000	0.00000	-1.6055	-0.50000	0.0	0.0	0.0
	24.00000	50.00000	0.00000	-1.5991	-0.50000	0.0	0.0	0.0
	25.00000	50.00000	0.00000	-1.5879	-0.50000	0.0	0.0	0.0
	26.00000	50.00000	0.00000	-1.5719	-0.50000	0.0	0.0	0.0
	27.00000	50.00000	0.00000	-1.5510	-0.50000	0.0	0.0	0.0
	28.00000	50.00000	0.00000	-1.5252	-0.50000	0.0	0.0	0.0
	29.00000	50.00000	0.00000	-1.4947	-0.50000	0.0	0.0	0.0
	30.00000	50.00000	0.00000	-1.4596	-0.50000	0.0	0.0	0.0
	31.00000	50.00000	0.00000	-1.4199	-0.50000	0.0	0.0	0.0
	32.00000	50.00000	0.00000	-1.3760	-0.50000	0.0	0.0	0.0
	33.00000	50.00000	0.00000	-1.3281	-0.50000	0.0	0.0	0.0
	34.00000	50.00000	0.00000	-1.2765	-0.50000	0.0	0.0	0.0
	35.00000	50.00000	0.00000	-1.2216	-0.50000	0.0	0.0	0.0
	36.00000	50.00000	0.00000	-1.1637	-0.50000	0.0	0.0	0.0
	37.00000	50.00000	0.00000	-1.1034	-0.50000	0.0	0.0	0.0
	38.00000	50.00000	0.00000	-1.0409	-0.50000	0.0	0.0	0.0
	39.00000	50.00000	0.00000	-0.9768	-0.50000	0.0	0.0	0.0
	40.00000	50.00000	0.00000	-0.91169	-0.50000	0.0	0.0	0.0
	41.00000	50.00000	0.00000	-0.84577	-0.50000	0.0	0.0	0.0
	42.00000	50.00000	0.00000	-0.77957	-0.50000	0.0	0.0	0.0
	43.00000	50.00000	0.00000	-0.71349	-0.50000	0.0	0.0	0.0
	44.00000	50.00000	0.00000	-0.64792	-0.50000	0.0	0.0	0.0
	45.00000	50.00000	0.00000	-0.58319	-0.50000	0.0	0.0	0.0
	46.00000	50.00000	0.00000	-0.51962	-0.50000	0.0	0.0	0.0
	47.00000	50.00000	0.00000	-0.45748	-0.50000	0.0	0.0	0.0
	48.00000	50.00000	0.00000	-0.39700	-0.50000	0.0	0.0	0.0
	49.00000	50.00000	0.00000	-0.33836	-0.50000	0.0	0.0	0.0
	50.00000	50.00000	0.00000	-0.28173	-0.50000	0.0	0.0	0.0
	51.00000	50.00000	0.00000	-0.22723	-0.50000	0.0	0.0	0.0
	52.00000	50.00000	0.00000	-0.17496	-0.50000	0.0	0.0	0.0
	53.00000	50.00000	0.00000	-0.12497	-0.50000	0.0	0.0	0.0
	54.00000	50.00000	0.00000	-0.077304	-0.50000	0.0	0.0	0.0
	55.00000	50.00000	0.00000	-0.031986	-0.50000	0.0	0.0	0.0
	56.00000	50.00000	0.00000	0.010988	-0.50000	0.0	0.0	0.0
	57.00000	50.00000	0.00000	0.051636	-0.50000	0.0	0.0	0.0
	58.00000	50.00000	0.00000	0.089987	-0.50000	0.0	0.0	0.0
	59.00000	50.00000	0.00000	0.12608	-0.50000	0.0	0.0	0.0
	60.00000	50.00000	0.00000	0.15998	-0.50000	0.0	0.0	0.0
Grid 2	-20.00000	-20.00000	-8.50000	0.19586	-8.9310	-26.234E-6	-0.29011	3.3457E-6
	-19.00000	-20.00000	-8.50000	0.16546	-8.9310	-28.548E-6	-0.30401	3.5060E-6
	-18.00000	-20.00000	-8.50000	0.13314	-8.9310	-31.081E-6	-0.31863	3.6746E-6
	-17.00000	-20.00000	-8.50000	0.098854	-8.9310	-33.855E-6	-0.33402	3.8520E-6
	-16.00000	-20.00000	-8.50000	0.062578	-8.9310	-36.889E-6	-0.35019	4.0384E-6
	-15.00000	-20.00000	-8.50000	0.024292	-8.9310	-40.206E-6	-0.36716	4.2341E-6
	-14.00000	-20.00000	-8.50000	-0.016008	-8.9310	-43.827E-6	-0.38497	4.4394E-6
	-13.00000	-20.00000	-8.50000	-0.058319	-8.9310	-47.774E-6	-0.40362	4.6544E-6
	-12.00000	-20.00000	-8.50000	-0.10262	-8.9310	-52.069E-6	-0.42314	4.8794E-6
	-11.00000	-20.00000	-8.50000	-0.14887	-8.9310	-56.733E-6	-0.44351	5.1143E-6
	-10.00000	-20.00000	-8.50000	-0.19701	-8.9310	-61.782E-6	-0.46475	5.3591E-6
	-9.00000	-20.00000	-8.50000	-0.24696	-8.9310	-67.231E-6	-0.48684	5.6137E-6
	-8.00000	-20.00000	-8.50000	-0.29863	-8.9310	-73.090E-6	-0.50974	5.8777E-6
	-7.00000	-20.00000	-8.50000	-0.35188	-8.9310	-79.363E-6	-0.53343	6.1508E-6
	-6.00000	-20.00000	-8.50000	-0.40657	-8.9310	-86.047E-6	-0.55786	6.4323E-6
	-5.00000	-20.00000	-8.50000	-0.46252	-8.9310	-93.128E-6	-0.58294	6.7215E-6
	-4.00000	-20.00000	-8.50000	-0.51953	-8.9310	-100.58E-6	-0.60861	7.0173E-6
	-3.00000	-20.00000	-8.50000	-0.57736	-8.9310	-108.38E-6	-0.63476	7.3187E-6
	-2.00000	-20.00000	-8.50000	-0.63577	-8.9310	-116.48E-6	-0.66127	7.6242E-6
	-1.00000	-20.00000	-8.50000	-0.69448	-8.9310	-124.82E-6	-0.68801	7.9324E-6
	0.00000	-20.00000	-8.50000	-0.75338	-8.9310	-133.34E-6	-0.71483	8.2435E-6
	1.00000	-20.00000	-8.50000	-0.81160	-8.9310	-141.96E-6	-0.74158	8.5498E-6
	2.00000	-20.00000	-8.50000	-0.86938	-8.9310	-150.61E-6	-0.76809	8.8553E-6
	3.00000	-20.00000	-8.50000	-0.92620	-8.9310	-159.20E-6	-0.79419	9.1603E-6
	4.00000	-20.00000	-8.50000	-0.98173	-8.9310	-167.64E-6	-0.81972	9.4503E-6
	5.00000	-20.00000	-8.50000	-1.0356	-8.9310	-175.86E-6	-0.84449	9.7357E-6
	6.00000	-20.00000	-8.50000	-1.0876	-8.9310	-183.78E-6	-0.86895	10.011E-6
	7.00000	-20.00000	-8.50000	-1.1373	-8.9310	-191.33E-6	-0.89314	10.273E-6
	8.00000	-20.00000	-8.50000	-1.1845	-8.9310	-198.45E-6	-0.91723	10.522E-6
	9.00000	-20.00000	-8.50000	-1.2289	-8.9310	-205.09E-6	-0.93298	10.765E-6
	10.00000	-20.00000	-8.50000	-1.2702	-8.9310	-211.21E-6	-0.94918	10.978E-6
	11.00000	-20.00000	-8.50000	-1.3082	-8.9310	-216.79E-6	-0.96503	11.171E-6
	12.00000	-20.00000	-8.50000	-1.3426	-8.9310	-221.79E-6	-0.98064	11.351E-6
	13.00000	-20.00000	-8.50000	-1.3734	-8.9310	-226.21E-6	-0.99585	11.511E-6
	14.00000	-20.00000	-8.50000	-1.4004	-8.9310	-230.04E-6	-1.0107	11.651E-6
	15.00000	-20.00000	-8.50000	-1.4234	-8.9310	-233.27E-6	-1.0210	11.770E-6
	16.00000	-20.00000	-8.50000	-1.4423	-8.9310	-235.91E-6	-1.0295	11.868E-6
	17.00000	-20.00000	-8.50000	-1.4570	-8.9310	-237.95E-6	-1.0361	11.944E-6
	18.00000	-20.00000	-8.50000	-1.4675	-8.9310	-239.40E-6	-1.0408	11.998E-6
	19.00000	-20.00000	-8.50000	-1.4736	-8.9310	-240.26E-6	-1.0435	12.030E-6
20.00000	-20.00000	-8.50000	-1.4755	-8.9310	-240.53E-6	-1.0444	12.039E-6	
21.00000	-20.00000	-8.50000	-1.4730	-8.9310	-240.21E-6	-1.0431	12.027E-6	
22.00000	-20.00000	-8.50000	-1.4662	-8.9310	-239.31E-6	-1.0403	11.992E-6	
23.00000	-20.00000	-8.50000	-1.4551	-8.9310	-237.81E-6	-1.0354	11.936E-6	
24.00000	-20.00000	-8.50000	-1.4397	-8.9310	-235.73E-6	-1.0286	11.857E-6	
25.00000	-20.00000	-8.50000	-1.4202	-8.9310	-233.05E-6	-1.0199	11.757E-6	
26.00000	-20.00000	-8.50000	-1.3966	-8.9310	-229.77E-6	-1.0093	11.635E-6	
27.00000	-20.00000	-8.50000	-1.3691	-8.9310	-225.90E-6	-0.99697	11.493E-6	
28.00000	-20.00000	-8.50000	-1.3377	-8.9310	-221.44E-6	-0.98285	11.330E-6	
29.00000	-20.00000	-8.50000	-1.3026	-8.9310	-216.40E-6	-0.96704	11.148E-6	
30.00000	-20.00000	-8.50000	-1.2641	-8.9310	-210.79E-6	-0.94959	10.947E-6	
31.00000	-20.00000	-8.50000	-1.2223	-8.9310	-204.63E-6	-0.93061	10.728E-6	
32.00000	-20.00000	-8.50000	-1.1775	-8.9310	-197.96E-6	-0.91018	10.493E-6	
33.00000	-20.00000	-8.50000	-1.1298	-8.9310	-190.81E-6	-0.88843	10.242E-6	
34.00000	-20.00000	-8.50000	-1.0797	-8.9310	-183.22E-6	-0.86549	9.9777E-6	
35.00000	-20.00000	-8.50000	-1.0273	-8.9310	-175.28E-6	-0.84148	9.7011E-6	
36.00000	-20.00000	-8.50000	-0.97307	-8.9310	-167.04E-6	-0.81659	9.4142E-6	
37.00000	-20.00000	-8.50000	-0.91723	-8.9310	-158.58E-6	-0.79095	9.1187E-6	
38.00000	-20.00000	-8.50000	-0.86032	-8.9310	-149.98E-6	-0.76475	8.8168E-6	
39.00000	-20.00000	-8.50000	-0.80210	-8.9310	-141.32E-6	-0.73815	8.5102E-6	
40.00000	-20.00000	-8.50000	-0.74349	-8.9310	-132.69E-6	-0.71133	8.2011E-6	
41.00000	-20.00000	-8.50000	-0.68461	-8.9310	-124.11E-6			

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.		Sheet No.		Rev.				
J14383								
Drg. Ref.								
Made by MP		Date 06-Feb-2015	Checked					
Name	X (m)	Location Y (m)	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
60.00000	-18.00000	-8.50000	0.14549	-8.9310	-30.290E-6	-0.31348	3.6152E-6	
-20.0000	-17.0000	-8.50000	0.10499	-8.9310	-33.317E-6	-0.33073	3.8141E-6	
-19.0000	-17.0000	-8.50000	0.065907	-8.9310	-36.593E-6	-0.34816	4.0150E-6	
-18.0000	-17.0000	-8.50000	0.024223	-8.9310	-40.232E-6	-0.36666	4.2283E-6	
-17.0000	-17.0000	-8.50000	-0.020138	-8.9310	-44.275E-6	-0.38628	4.4545E-6	
-16.0000	-17.0000	-8.50000	-0.067245	-8.9310	-48.767E-6	-0.40709	4.6944E-6	
-15.0000	-17.0000	-8.50000	-0.11715	-8.9310	-53.758E-6	-0.42914	4.9486E-6	
-14.0000	-17.0000	-8.50000	-0.16991	-8.9310	-59.301E-6	-0.45250	5.2179E-6	
-13.0000	-17.0000	-8.50000	-0.22354	-8.9310	-65.451E-6	-0.47721	5.5028E-6	
-12.0000	-17.0000	-8.50000	-0.28406	-8.9310	-72.268E-6	-0.50334	5.8039E-6	
-11.0000	-17.0000	-8.50000	-0.34545	-8.9310	-79.811E-6	-0.53091	6.1217E-6	
-10.0000	-17.0000	-8.50000	-0.40967	-8.9310	-88.140E-6	-0.55996	6.4565E-6	
-9.0000	-17.0000	-8.50000	-0.47666	-8.9310	-97.308E-6	-0.59050	6.8086E-6	
-8.0000	-17.0000	-8.50000	-0.54630	-8.9310	-107.37E-6	-0.62254	7.1778E-6	
-7.0000	-17.0000	-8.50000	-0.61846	-8.9310	-118.35E-6	-0.65604	7.5639E-6	
-6.0000	-17.0000	-8.50000	-0.69295	-8.9310	-130.29E-6	-0.69096	7.9679E-6	
-5.0000	-17.0000	-8.50000	-0.76954	-8.9310	-143.18E-6	-0.72722	8.3841E-6	
-4.0000	-17.0000	-8.50000	-0.84797	-8.9310	-157.00E-6	-0.76470	8.8159E-6	
-3.0000	-17.0000	-8.50000	-0.92790	-8.9310	-171.70E-6	-0.80324	9.2601E-6	
-2.0000	-17.0000	-8.50000	-1.0090	-8.9310	-187.19E-6	-0.84267	9.7144E-6	
-1.0000	-17.0000	-8.50000	-1.0908	-8.9310	-203.35E-6	-0.88276	10.176E-6	
0.0000	-17.0000	-8.50000	-1.1729	-8.9310	-220.04E-6	-0.92325	10.643E-6	
1.0000	-17.0000	-8.50000	-1.2548	-8.9310	-237.06E-6	-0.96386	11.113E-6	
2.0000	-17.0000	-8.50000	-1.3360	-8.9310	-254.22E-6	-1.0043	11.576E-6	
3.0000	-17.0000	-8.50000	-1.4160	-8.9310	-271.30E-6	-1.0442	12.036E-6	
4.0000	-17.0000	-8.50000	-1.4943	-8.9310	-288.08E-6	-1.0833	12.487E-6	
5.0000	-17.0000	-8.50000	-1.5704	-8.9310	-304.36E-6	-1.1213	12.924E-6	
6.0000	-17.0000	-8.50000	-1.6437	-8.9310	-319.96E-6	-1.1578	13.346E-6	
7.0000	-17.0000	-8.50000	-1.7138	-8.9310	-334.72E-6	-1.1927	13.747E-6	
8.0000	-17.0000	-8.50000	-1.7803	-8.9310	-348.50E-6	-1.2256	14.127E-6	
9.0000	-17.0000	-8.50000	-1.8427	-8.9310	-361.22E-6	-1.2564	14.481E-6	
10.0000	-17.0000	-8.50000	-1.9007	-8.9310	-372.81E-6	-1.2849	14.810E-6	
11.0000	-17.0000	-8.50000	-1.9540	-8.9310	-383.24E-6	-1.3109	15.118E-6	
12.0000	-17.0000	-8.50000	-2.0024	-8.9310	-392.48E-6	-1.3344	15.380E-6	
13.0000	-17.0000	-8.50000	-2.0455	-8.9310	-400.56E-6	-1.3552	15.620E-6	
14.0000	-17.0000	-8.50000	-2.0831	-8.9310	-407.47E-6	-1.3733	15.828E-6	
15.0000	-17.0000	-8.50000	-2.1152	-8.9310	-413.29E-6	-1.3887	16.009E-6	
16.0000	-17.0000	-8.50000	-2.1415	-8.9310	-417.93E-6	-1.4012	16.150E-6	
17.0000	-17.0000	-8.50000	-2.1620	-8.9310	-421.53E-6	-1.4110	16.262E-6	
18.0000	-17.0000	-8.50000	-2.1765	-8.9310	-424.07E-6	-1.4179	16.347E-6	
19.0000	-17.0000	-8.50000	-2.1851	-8.9310	-425.57E-6	-1.4220	16.389E-6	
20.0000	-17.0000	-8.50000	-2.1877	-8.9310	-426.04E-6	-1.4232	16.403E-6	
21.0000	-17.0000	-8.50000	-2.1842	-8.9310	-425.50E-6	-1.4217	16.385E-6	
22.0000	-17.0000	-8.50000	-2.1748	-8.9310	-423.92E-6	-1.4172	16.343E-6	
23.0000	-17.0000	-8.50000	-2.1594	-8.9310	-421.31E-6	-1.4100	16.251E-6	
24.0000	-17.0000	-8.50000	-2.1380	-8.9310	-417.65E-6	-1.3999	16.135E-6	
25.0000	-17.0000	-8.50000	-2.1109	-8.9310	-412.90E-6	-1.3871	15.987E-6	
26.0000	-17.0000	-8.50000	-2.0780	-8.9310	-407.05E-6	-1.3714	15.806E-6	
27.0000	-17.0000	-8.50000	-2.0396	-8.9310	-400.07E-6	-1.3530	15.594E-6	
28.0000	-17.0000	-8.50000	-1.9957	-8.9310	-391.93E-6	-1.3319	15.351E-6	
29.0000	-17.0000	-8.50000	-1.9457	-8.9310	-382.63E-6	-1.3082	15.077E-6	
30.0000	-17.0000	-8.50000	-1.8926	-8.9310	-372.14E-6	-1.2819	14.774E-6	
31.0000	-17.0000	-8.50000	-1.8339	-8.9310	-360.49E-6	-1.2531	14.443E-6	
32.0000	-17.0000	-8.50000	-1.7708	-8.9310	-347.72E-6	-1.2221	14.086E-6	
33.0000	-17.0000	-8.50000	-1.7037	-8.9310	-333.89E-6	-1.1889	13.704E-6	
34.0000	-17.0000	-8.50000	-1.6330	-8.9310	-319.09E-6	-1.1539	13.300E-6	
35.0000	-17.0000	-8.50000	-1.5592	-8.9310	-303.45E-6	-1.1171	12.876E-6	
36.0000	-17.0000	-8.50000	-1.4826	-8.9310	-287.13E-6	-1.0780	12.433E-6	
37.0000	-17.0000	-8.50000	-1.4039	-8.9310	-270.31E-6	-1.0397	11.984E-6	
38.0000	-17.0000	-8.50000	-1.3236	-8.9310	-253.21E-6	-0.99964	11.523E-6	
39.0000	-17.0000	-8.50000	-1.2420	-8.9310	-236.04E-6	-0.95910	11.056E-6	
40.0000	-17.0000	-8.50000	-1.1598	-8.9310	-219.00E-6	-0.91840	10.587E-6	
41.0000	-17.0000	-8.50000	-1.0775	-8.9310	-202.31E-6	-0.87783	10.113E-6	
42.0000	-17.0000	-8.50000	-0.99557	-8.9310	-186.14E-6	-0.83702	9.6347E-6	
43.0000	-17.0000	-8.50000	-0.91439	-8.9310	-170.66E-6	-0.79624	9.2024E-6	
44.0000	-17.0000	-8.50000	-0.83441	-8.9310	-155.97E-6	-0.75568	8.7582E-6	
45.0000	-17.0000	-8.50000	-0.75599	-8.9310	-142.16E-6	-0.72222	8.3265E-6	
46.0000	-17.0000	-8.50000	-0.67845	-8.9310	-129.29E-6	-0.68600	7.9059E-6	
47.0000	-17.0000	-8.50000	-0.60505	-8.9310	-117.37E-6	-0.65112	7.5072E-6	
48.0000	-17.0000	-8.50000	-0.53304	-8.9310	-106.41E-6	-0.61768	7.1218E-6	
49.0000	-17.0000	-8.50000	-0.46358	-8.9310	-96.385E-6	-0.58573	6.7503E-6	
50.0000	-17.0000	-8.50000	-0.39682	-8.9310	-87.248E-6	-0.55527	6.4025E-6	
51.0000	-17.0000	-8.50000	-0.33285	-8.9310	-78.953E-6	-0.52633	6.0688E-6	
52.0000	-17.0000	-8.50000	-0.27174	-8.9310	-71.445E-6	-0.49887	5.7524E-6	
53.0000	-17.0000	-8.50000	-0.21354	-8.9310	-64.665E-6	-0.47287	5.4526E-6	
54.0000	-17.0000	-8.50000	-0.15824	-8.9310	-58.551E-6	-0.44828	5.1692E-6	
55.0000	-17.0000	-8.50000	-0.10584	-8.9310	-53.046E-6	-0.42506	4.9015E-6	
56.0000	-17.0000	-8.50000	-0.056298	-8.9310	-48.093E-6	-0.40314	4.6491E-6	
57.0000	-17.0000	-8.50000	-0.0095745	-8.9310	-43.638E-6	-0.38247	4.4106E-6	
58.0000	-17.0000	-8.50000	0.034394	-8.9310	-39.631E-6	-0.36300	4.1861E-6	
59.0000	-17.0000	-8.50000	0.075678	-8.9310	-36.028E-6	-0.34464	3.9745E-6	
60.0000	-17.0000	-8.50000	0.11436	-8.9310	-32.787E-6	-0.32715	3.7751E-6	
-20.0000	-16.0000	-8.50000	0.071546	-8.9310	-36.082E-6	-0.34547	3.9840E-6	
-19.0000	-16.0000	-8.50000	0.029190	-8.9310	-39.762E-6	-0.36427	4.2008E-6	
-18.0000	-16.0000	-8.50000	-0.016037	-8.9310	-43.871E-6	-0.38328	4.4259E-6	
-17.0000	-16.0000	-8.50000	-0.064232	-8.9310	-48.460E-6	-0.40558	4.6770E-6	
-16.0000	-16.0000	-8.50000	-0.11548	-8.9310	-53.589E-6	-0.42823	4.9381E-6	
-15.0000	-16.0000	-8.50000	-0.16987	-8.9310	-59.322E-6	-0.45232	5.2158E-6	
-14.0000	-16.0000	-8.50000	-0.22745	-8.9310	-65.708E-6	-0.47793	5.5100E-6	
-13.0000	-16.0000	-8.50000	-0.28827	-8.9310	-72.889E-6	-0.50513	5.8245E-6	
-12.0000	-16.0000	-8.50000	-0.35237	-8.9310	-80.881E-6	-0.53399	6.1572E-6	
-11.0000	-16.0000	-8.50000	-0.41974	-8.9310	-89.791E-6	-0.56458	6.5074E-6	
-10.0000	-16.0000	-8.50000	-0.49036	-8.9310	-99.704E-6	-0.59695	6.8828E-6	
-9.0000	-16.0000	-8.50000	-0.56417	-8.9310	-110.71E-6	-0.63113	7.2767E-6	
-8.0000	-16.0000	-8.50000	-0.64107	-8.9310	-122.87E-6	-0.66714	7.6917E-6	
-7.0000	-16.0000	-8.50000	-0.72092	-8.9310	-136.27E-6	-0.70496	8.1276E-6	
-6.0000	-16.0000	-8.50000	-0.80353	-8.9310	-150.95E-6	-0.74457	8.5839E-6	
-5.0000	-16.0000	-8.50000	-0.88865	-8.9310	-166.94E-6	-0.78587	9.0598E-6	
-4.0000	-16.0000	-8.50000	-0.97598	-8.9310	-184.21E-6	-0.82874	9.5537E-6	
-3.0000	-16.0000	-8.50000	-1.0652	-8.9310	-202.71E-6	-0.87301	10.064E-6	
-2.0000	-16.0000	-8.50000	-1.1558	-8.9310	-222.33E-6	-0.91846	10.587E-6	
-1.0000	-16.0000	-8.50000	-1.2474	-8.9310	-242.93E-6	-0.96483	11.122E-6	
0.0000	-16.0000	-8.50000	-1.3394	-8.9310	-264.28E-6	-1.0118	11.663E-6	
1.0000	-16.0000	-8.50000	-1.4314	-8.9310	-286.14E-6	-1.0590	12.207E-6	
2.0000	-16.0000	-8.50000	-1.5226	-8.9310	-308.22E-6	-1.1061	12.749E-6	
3.0000	-16.0000	-8.50000	-1.6125	-8.9310	-330.21E-6	-1.1526	13.285E-6	
4.0000	-16.0000	-8.50000	-1.7006	-8.9310	-351.81E-6	-1.1982	13.810E-6	
5.0000	-16.0000	-8.50000	-1.7861	-8.9310	-372.72E-6	-1.2425	14.320E-6	
6.0000	-16.0000	-8.50000	-1.8685	-8.9310	-392.69E-6	-1.2851	14.811E-6	
7.0000	-16.0000	-8.50000	-1.9473	-8.9310	-411.51E-6	-1.3256	15.278E-6	
8.0000	-16.0000	-8.50000	-2.0220	-8.9310	-429.00E-6	-1.3639	15.719E-6	
9.0000	-16.0000	-8.50000	-2.0921	-8.9310	-445.05E-6	-1.3996	16.130E-6	
10.0000	-16.0000	-8.50000	-2.					

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Name					Stresses		
	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²] Sum Princ [kN/m²] Vert Strain [-]	
18.00000	-14.00000	-8.50000	-3.1451	-8.9310	-822.32E-6	-2.0130 23.193E-6	
19.00000	-14.00000	-8.50000	-3.1570	-8.9310	-824.98E-6	-2.0191 23.263E-6	
20.00000	-14.00000	-8.50000	-3.1606	-8.9310	-825.82E-6	-2.0210 23.285E-6	
21.00000	-14.00000	-8.50000	-3.1558	-8.9310	-824.86E-6	-2.0187 23.258E-6	
22.00000	-14.00000	-8.50000	-3.1428	-8.9310	-822.09E-6	-2.0121 23.183E-6	
23.00000	-14.00000	-8.50000	-3.1514	-8.9310	-817.46E-6	-2.0013 23.058E-6	
24.00000	-14.00000	-8.50000	-3.0918	-8.9310	-810.89E-6	-1.9863 22.885E-6	
25.00000	-14.00000	-8.50000	-3.0541	-8.9310	-802.30E-6	-1.9670 22.663E-6	
26.00000	-14.00000	-8.50000	-3.0083	-8.9310	-791.55E-6	-1.9433 22.390E-6	
27.00000	-14.00000	-8.50000	-2.9545	-8.9310	-778.52E-6	-1.9153 22.068E-6	
28.00000	-14.00000	-8.50000	-2.8930	-8.9310	-763.04E-6	-1.8830 21.698E-6	
29.00000	-14.00000	-8.50000	-2.8240	-8.9310	-744.99E-6	-1.8464 21.273E-6	
30.00000	-14.00000	-8.50000	-2.7478	-8.9310	-724.22E-6	-1.8054 20.802E-6	
31.00000	-14.00000	-8.50000	-2.6647	-8.9310	-700.66E-6	-1.7604 20.283E-6	
32.00000	-14.00000	-8.50000	-2.5752	-8.9310	-674.26E-6	-1.7113 19.718E-6	
33.00000	-14.00000	-8.50000	-2.4797	-8.9310	-645.08E-6	-1.6585 19.110E-6	
34.00000	-14.00000	-8.50000	-2.3788	-8.9310	-613.28E-6	-1.6023 18.462E-6	
35.00000	-14.00000	-8.50000	-2.2733	-8.9310	-579.15E-6	-1.5431 17.781E-6	
36.00000	-14.00000	-8.50000	-2.1639	-8.9310	-543.10E-6	-1.4814 17.070E-6	
37.00000	-14.00000	-8.50000	-2.0514	-8.9310	-505.65E-6	-1.4179 16.339E-6	
38.00000	-14.00000	-8.50000	-1.9365	-8.9310	-467.44E-6	-1.3530 15.592E-6	
39.00000	-14.00000	-8.50000	-1.8203	-8.9310	-429.13E-6	-1.2877 14.839E-6	
40.00000	-14.00000	-8.50000	-1.7034	-8.9310	-391.40E-6	-1.2224 14.087E-6	
41.00000	-14.00000	-8.50000	-1.5869	-8.9310	-354.86E-6	-1.1578 13.343E-6	
42.00000	-14.00000	-8.50000	-1.4713	-8.9310	-320.05E-6	-1.0945 12.614E-6	
43.00000	-14.00000	-8.50000	-1.3575	-8.9310	-287.35E-6	-1.0329 11.906E-6	
44.00000	-14.00000	-8.50000	-1.2461	-8.9310	-257.05E-6	-0.97357 11.222E-6	
45.00000	-14.00000	-8.50000	-1.1376	-8.9310	-229.29E-6	-0.91668 10.567E-6	
46.00000	-14.00000	-8.50000	-1.0323	-8.9310	-204.10E-6	-0.86247 9.9422E-6	
47.00000	-14.00000	-8.50000	-0.9302	-8.9310	-181.42E-6	-0.81106 9.3494E-6	
48.00000	-14.00000	-8.50000	-0.83324	-8.9310	-161.14E-6	-0.76249 8.7904E-6	
49.00000	-14.00000	-8.50000	-0.73979	-8.9310	-143.10E-6	-0.71678 8.2636E-6	
50.00000	-14.00000	-8.50000	-0.65060	-8.9310	-127.11E-6	-0.67385 7.7690E-6	
51.00000	-14.00000	-8.50000	-0.56573	-8.9310	-112.97E-6	-0.63363 7.3055E-6	
52.00000	-14.00000	-8.50000	-0.48519	-8.9310	-100.50E-6	-0.59600 6.8719E-6	
53.00000	-14.00000	-8.50000	-0.40895	-8.9310	-89.511E-6	-0.56085 6.4667E-6	
54.00000	-14.00000	-8.50000	-0.33696	-8.9310	-79.829E-6	-0.52802 6.0884E-6	
55.00000	-14.00000	-8.50000	-0.26912	-8.9310	-71.300E-6	-0.49740 5.7354E-6	
56.00000	-14.00000	-8.50000	-0.20533	-8.9310	-63.782E-6	-0.46883 5.4061E-6	
57.00000	-14.00000	-8.50000	-0.14546	-8.9310	-57.151E-6	-0.44218 5.0999E-6	
58.00000	-14.00000	-8.50000	-0.089388	-8.9310	-51.295E-6	-0.41732 4.8123E-6	
59.00000	-14.00000	-8.50000	-0.036959	-8.9310	-46.118E-6	-0.39413 4.5450E-6	
60.00000	-14.00000	-8.50000	0.011973	-8.9310	-41.535E-6	-0.37248 4.2954E-6	
-20.00000	-13.00000	-8.50000	0.037964	-8.9310	-45.761E-6	-0.39138 4.5642E-6	
-19.00000	-13.00000	-8.50000	-0.091325	-8.9310	-50.966E-6	-0.41694 4.8080E-6	
-18.00000	-13.00000	-8.50000	-0.14854	-8.9310	-56.873E-6	-0.44225 5.0997E-6	
-17.00000	-13.00000	-8.50000	-0.20978	-8.9310	-63.589E-6	-0.46946 5.4393E-6	
-16.00000	-13.00000	-8.50000	-0.27522	-8.9310	-71.238E-6	-0.49871 5.7506E-6	
-15.00000	-13.00000	-8.50000	-0.34503	-8.9310	-79.963E-6	-0.53019 6.1134E-6	
-14.00000	-13.00000	-8.50000	-0.41936	-8.9310	-89.929E-6	-0.56405 6.5036E-6	
-13.00000	-13.00000	-8.50000	-0.49836	-8.9310	-101.928E-6	-0.60048 6.9235E-6	
-12.00000	-13.00000	-8.50000	-0.58214	-8.9310	-114.37E-6	-0.63966 7.3750E-6	
-11.00000	-13.00000	-8.50000	-0.67081	-8.9310	-129.29E-6	-0.68178 7.8604E-6	
-10.00000	-13.00000	-8.50000	-0.76441	-8.9310	-146.37E-6	-0.72103 8.3845E-6	
-9.00000	-13.00000	-8.50000	-0.86298	-8.9310	-165.88E-6	-0.77556 8.9409E-6	
-8.00000	-13.00000	-8.50000	-0.96646	-8.9310	-188.14E-6	-0.82752 9.5396E-6	
-7.00000	-13.00000	-8.50000	-1.0748	-8.9310	-213.43E-6	-0.88303 10.1799E-6	
-6.00000	-13.00000	-8.50000	-1.1877	-8.9310	-242.03E-6	-0.94213 10.8661E-6	
-5.00000	-13.00000	-8.50000	-1.3050	-8.9310	-274.21E-6	-1.0048 11.582E-6	
-4.00000	-13.00000	-8.50000	-1.4263	-8.9310	-310.07E-6	-1.0710 12.344E-6	
-3.00000	-13.00000	-8.50000	-1.5510	-8.9310	-349.66E-6	-1.1404 13.143E-6	
-2.00000	-13.00000	-8.50000	-1.6787	-8.9310	-392.81E-6	-1.2127 13.975E-6	
-1.00000	-13.00000	-8.50000	-1.8086	-8.9310	-439.19E-6	-1.2874 14.836E-6	
0.00000	-13.00000	-8.50000	-1.9395	-8.9310	-489.22E-6	-1.3639 15.730E-6	
1.00000	-13.00000	-8.50000	-2.0714	-8.9310	-539.11E-6	-1.4415 16.610E-6	
2.00000	-13.00000	-8.50000	-2.2024	-8.9310	-590.93E-6	-1.5193 17.506E-6	
3.00000	-13.00000	-8.50000	-2.3319	-8.9310	-642.63E-6	-1.5965 18.395E-6	
4.00000	-13.00000	-8.50000	-2.4586	-8.9310	-693.18E-6	-1.6721 19.278E-6	
5.00000	-13.00000	-8.50000	-2.5818	-8.9310	-741.62E-6	-1.7454 20.109E-6	
6.00000	-13.00000	-8.50000	-2.7003	-8.9310	-787.16E-6	-1.8155 20.916E-6	
7.00000	-13.00000	-8.50000	-2.8134	-8.9310	-829.23E-6	-1.8818 21.699E-6	
8.00000	-13.00000	-8.50000	-2.9202	-8.9310	-867.45E-6	-1.9438 22.393E-6	
9.00000	-13.00000	-8.50000	-3.0201	-8.9310	-901.68E-6	-2.0012 23.054E-6	
10.00000	-13.00000	-8.50000	-3.1125	-8.9310	-931.90E-6	-2.0536 23.658E-6	
11.00000	-13.00000	-8.50000	-3.2009	-8.9310	-958.23E-6	-2.1009 24.203E-6	
12.00000	-13.00000	-8.50000	-3.2733	-8.9310	-980.89E-6	-2.1431 24.688E-6	
13.00000	-13.00000	-8.50000	-3.3410	-8.9310	-0.0010001	-2.1800 25.114E-6	
14.00000	-13.00000	-8.50000	-3.3998	-8.9310	0.0010161	-2.2119 25.480E-6	
15.00000	-13.00000	-8.50000	-3.4498	-8.9310	-0.0010292	-2.2386 25.788E-6	
16.00000	-13.00000	-8.50000	-3.4906	-8.9310	-0.0010396	-2.2603 26.038E-6	
17.00000	-13.00000	-8.50000	-3.5223	-8.9310	-0.0010475	-2.2770 26.231E-6	
18.00000	-13.00000	-8.50000	-3.5448	-8.9310	0.0010510	-2.2888 26.376E-6	
19.00000	-13.00000	-8.50000	-3.5581	-8.9310	-0.0010562	-2.2958 26.447E-6	
20.00000	-13.00000	-8.50000	-3.5621	-8.9310	-0.0010572	-2.2980 26.472E-6	
21.00000	-13.00000	-8.50000	-3.5568	-8.9310	0.0010561	-2.2953 26.447E-6	
22.00000	-13.00000	-8.50000	-3.5423	-8.9310	-0.0010527	-2.2878 26.355E-6	
23.00000	-13.00000	-8.50000	-3.5185	-8.9310	-0.0010471	-2.2755 26.213E-6	
24.00000	-13.00000	-8.50000	-3.4855	-8.9310	-0.0010391	-2.2582 26.015E-6	
25.00000	-13.00000	-8.50000	-3.4434	-8.9310	-0.0010286	-2.2361 25.759E-6	
26.00000	-13.00000	-8.50000	-3.3923	-8.9310	-0.0010153	-2.2088 25.446E-6	
27.00000	-13.00000	-8.50000	-3.3322	-8.9310	-999.18E-6	-2.1765 25.073E-6	
28.00000	-13.00000	-8.50000	-3.2633	-8.9310	-979.84E-6	-2.1391 24.642E-6	
29.00000	-13.00000	-8.50000	-3.1860	-8.9310	-957.06E-6	-2.0965 24.151E-6	
30.00000	-13.00000	-8.50000	-3.1003	-8.9310	-930.60E-6	-2.0487 23.601E-6	
31.00000	-13.00000	-8.50000	-3.0069	-8.9310	-900.26E-6	-1.9959 22.993E-6	
32.00000	-13.00000	-8.50000	-2.9060	-8.9310	-865.93E-6	-1.9381 22.328E-6	
33.00000	-13.00000	-8.50000	-2.7982	-8.9310	-827.61E-6	-1.8757 21.609E-6	
34.00000	-13.00000	-8.50000	-2.6843	-8.9310	-785.45E-6	-1.8091 20.842E-6	
35.00000	-13.00000	-8.50000	-2.5650	-8.9310	-739.82E-6	-1.7387 20.031E-6	
36.00000	-13.00000	-8.50000	-2.4412	-8.9310	-691.32E-6	-1.6651 19.185E-6	
37.00000	-13.00000	-8.50000	-2.3137	-8.9310	-640.71E-6	-1.5893 18.311E-6	
38.00000	-13.00000	-8.50000	-2.1838	-8.9310	-588.96E-6	-1.5119 17.420E-6	
39.00000	-13.00000	-8.50000	-2.0523	-8.9310	-537.11E-6	-1.4339 16.523E-6	

Short-term Heave

Name	X	Location	Z[Level]	Z	Calc Level	Vert Stress	Stresses	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[kN/m²]	[-]
57.00000	-11.00000	-8.50000	-0.29996	-8.9310	-74.728E-6	-0.51062	5.8879E-6		
58.00000	-11.00000	-8.50000	-0.22947	-8.9310	-66.201E-6	-0.47897	5.5230E-6		
59.00000	-11.00000	-8.50000	-0.16389	-8.9310	-58.804E-6	-0.44975	5.1862E-6		
60.00000	-11.00000	-8.50000	-0.10297	-8.9310	-52.369E-6	-0.42276	4.8750E-6		
-20.00000	-10.00000	-8.50000	-0.16008	-8.9310	-57.709E-6	-0.44664	5.1503E-6		
-19.00000	-10.00000	-8.50000	-0.22624	-8.9310	-65.004E-6	-0.47601	5.4888E-6		
-18.00000	-10.00000	-8.50000	-0.29752	-8.9310	-73.431E-6	-0.50788	5.8563E-6		
-17.00000	-10.00000	-8.50000	-0.37421	-8.9310	-83.197E-6	-0.54253	6.2557E-6		
-16.00000	-10.00000	-8.50000	-0.45662	-8.9310	-94.555E-6	-0.58024	6.6902E-6		
-15.00000	-10.00000	-8.50000	-0.54508	-8.9310	-107.81E-6	-0.62133	7.1637E-6		
-14.00000	-10.00000	-8.50000	-0.63991	-8.9310	-123.34E-6	-0.66615	7.6803E-6		
-13.00000	-10.00000	-8.50000	-0.74141	-8.9310	-141.58E-6	-0.71510	8.2443E-6		
-12.00000	-10.00000	-8.50000	-0.84991	-8.9310	-163.10E-6	-0.76861	8.8609E-6		
-11.00000	-10.00000	-8.50000	-0.96569	-8.9310	-188.55E-6	-0.82716	9.5354E-6		
-10.00000	-10.00000	-8.50000	-1.08900	-8.9310	-218.72E-6	-0.89125	10.274E-6		
-9.00000	-10.00000	-8.50000	-1.2202	-8.9310	-254.57E-6	-0.96141	11.082E-6		
-8.00000	-10.00000	-8.50000	-1.3592	-8.9310	-297.21E-6	-1.0382	11.966E-6		
-7.00000	-10.00000	-8.50000	-1.5064	-8.9310	-347.90E-6	-1.1221	12.932E-6		
-6.00000	-10.00000	-8.50000	-1.6615	-8.9310	-408.06E-6	-1.2137	13.987E-6		
-5.00000	-10.00000	-8.50000	-1.8245	-8.9310	-479.14E-6	-1.3133	15.133E-6		
-4.00000	-10.00000	-8.50000	-1.9949	-8.9310	-562.53E-6	-1.4211	16.374E-6		
-3.00000	-10.00000	-8.50000	-2.1723	-8.9310	-659.33E-6	-1.5372	17.710E-6		
-2.00000	-10.00000	-8.50000	-2.3557	-8.9310	-770.07E-6	-1.6611	19.135E-6		
-1.00000	-10.00000	-8.50000	-2.5441	-8.9310	-894.33E-6	-1.7920	20.641E-6		
0.00000	-10.00000	-8.50000	-2.7360	-8.9310	-0.0010305	-1.9285	22.212E-6		
1.00000	-10.00000	-8.50000	-2.9299	-8.9310	-0.0011756	-2.0690	23.926E-6		
2.00000	-10.00000	-8.50000	-3.1237	-8.9310	-0.0013254	-2.2110	25.660E-6		
3.00000	-10.00000	-8.50000	-3.3156	-8.9310	-0.0014751	-2.3523	27.084E-6		
4.00000	-10.00000	-8.50000	-3.5036	-8.9310	-0.0016197	-2.4903	28.672E-6		
5.00000	-10.00000	-8.50000	-3.6857	-8.9310	-0.0017550	-2.6229	30.196E-6		
6.00000	-10.00000	-8.50000	-3.8602	-8.9310	-0.0018782	-2.7481	31.636E-6		
7.00000	-10.00000	-8.50000	-4.0258	-8.9310	-0.0019874	-2.8647	32.977E-6		
8.00000	-10.00000	-8.50000	-4.1832	-8.9310	-0.0020824	-2.9717	34.209E-6		
9.00000	-10.00000	-8.50000	-4.3255	-8.9310	-0.0021636	-3.0688	35.326E-6		
10.00000	-10.00000	-8.50000	-4.4581	-8.9310	-0.0022320	-3.1558	36.327E-6		
11.00000	-10.00000	-8.50000	-4.5783	-8.9310	-0.0022891	-3.2239	37.215E-6		
12.00000	-10.00000	-8.50000	-4.6861	-8.9310	-0.0023362	-3.2804	37.992E-6		
13.00000	-10.00000	-8.50000	-4.7811	-8.9310	-0.0023747	-3.3286	38.662E-6		
14.00000	-10.00000	-8.50000	-4.8633	-8.9310	-0.0024057	-3.4081	39.231E-6		
15.00000	-10.00000	-8.50000	-4.9327	-8.9310	-0.0024304	-3.4491	39.704E-6		
16.00000	-10.00000	-8.50000	-4.9892	-8.9310	-0.0024495	-3.4820	40.083E-6		
17.00000	-10.00000	-8.50000	-5.0329	-8.9310	-0.0024636	-3.5072	40.373E-6		
18.00000	-10.00000	-8.50000	-5.0638	-8.9310	-0.0024734	-3.5249	40.577E-6		
19.00000	-10.00000	-8.50000	-5.0820	-8.9310	-0.0024791	-3.5353	40.697E-6		
20.00000	-10.00000	-8.50000	-5.0875	-8.9310	-0.0024809	-3.5386	40.734E-6		
21.00000	-10.00000	-8.50000	-5.0803	-8.9310	-0.0024788	-3.5346	40.689E-6		
22.00000	-10.00000	-8.50000	-5.0608	-8.9310	-0.0024730	-3.5235	40.560E-6		
23.00000	-10.00000	-8.50000	-5.0277	-8.9310	-0.0024630	-3.5050	40.348E-6		
24.00000	-10.00000	-8.50000	-4.9823	-8.9310	-0.0024486	-3.4791	40.049E-6		
25.00000	-10.00000	-8.50000	-4.9241	-8.9310	-0.0024293	-3.4454	39.662E-6		
26.00000	-10.00000	-8.50000	-4.8531	-8.9310	-0.0024044	-3.4037	39.181E-6		
27.00000	-10.00000	-8.50000	-4.7692	-8.9310	-0.0023731	-3.3536	38.604E-6		
28.00000	-10.00000	-8.50000	-4.6726	-8.9310	-0.0023344	-3.2946	37.925E-6		
29.00000	-10.00000	-8.50000	-4.5633	-8.9310	-0.0022871	-3.2265	37.141E-6		
30.00000	-10.00000	-8.50000	-4.4415	-8.9310	-0.0022298	-3.1487	36.246E-6		
31.00000	-10.00000	-8.50000	-4.3075	-8.9310	-0.0021612	-3.0611	35.237E-6		
32.00000	-10.00000	-8.50000	-4.1619	-8.9310	-0.0020798	-2.9634	34.113E-6		
33.00000	-10.00000	-8.50000	-4.0052	-8.9310	-0.0019846	-2.8558	32.875E-6		
34.00000	-10.00000	-8.50000	-3.8384	-8.9310	-0.0018752	-2.7387	31.528E-6		
35.00000	-10.00000	-8.50000	-3.6628	-8.9310	-0.0017519	-2.6130	30.082E-6		
36.00000	-10.00000	-8.50000	-3.4797	-8.9310	-0.0016164	-2.4800	28.553E-6		
37.00000	-10.00000	-8.50000	-3.2909	-8.9310	-0.0014717	-2.3417	26.962E-6		
38.00000	-10.00000	-8.50000	-3.0982	-8.9310	-0.0013220	-2.2001	25.334E-6		
39.00000	-10.00000	-8.50000	-2.9038	-8.9310	-0.0011721	-2.0578	23.581E-6		
40.00000	-10.00000	-8.50000	-2.7095	-8.9310	-0.0010270	-1.9172	22.081E-6		
41.00000	-10.00000	-8.50000	-2.5172	-8.9310	-890.83E-6	-1.7805	20.509E-6		
42.00000	-10.00000	-8.50000	-2.3286	-8.9310	-766.59E-6	-1.6496	19.003E-6		
43.00000	-10.00000	-8.50000	-2.1451	-8.9310	-655.90E-6	-1.5258	17.578E-6		
44.00000	-10.00000	-8.50000	-1.9678	-8.9310	-559.17E-6	-1.4098	16.244E-6		
45.00000	-10.00000	-8.50000	-1.7975	-8.9310	-475.87E-6	-1.3021	15.004E-6		
46.00000	-10.00000	-8.50000	-1.6348	-8.9310	-404.90E-6	-1.2027	13.850E-6		
47.00000	-10.00000	-8.50000	-1.4800	-8.9310	-344.86E-6	-1.1113	12.808E-6		
48.00000	-10.00000	-8.50000	-1.3334	-8.9310	-294.30E-6	-1.0277	11.845E-6		
49.00000	-10.00000	-8.50000	-1.1949	-8.9310	-251.81E-6	-0.95120	10.964E-6		
50.00000	-10.00000	-8.50000	-1.0644	-8.9310	-216.10E-6	-0.88138	10.160E-6		
51.00000	-10.00000	-8.50000	-0.94174	-8.9310	-186.08E-6	-0.81765	9.4258E-6		
52.00000	-10.00000	-8.50000	-0.82671	-8.9310	-160.79E-6	-0.75948	8.7556E-6		
53.00000	-10.00000	-8.50000	-0.71901	-8.9310	-139.42E-6	-0.70635	8.1240E-6		
54.00000	-10.00000	-8.50000	-0.61833	-8.9310	-121.32E-6	-0.65779	7.5839E-6		
55.00000	-10.00000	-8.50000	-0.52436	-8.9310	-105.94E-6	-0.61336	7.0719E-6		
56.00000	-10.00000	-8.50000	-0.43677	-8.9310	-92.825E-6	-0.57267	6.6030E-6		
57.00000	-10.00000	-8.50000	-0.35223	-8.9310	-81.600E-6	-0.53535	6.1729E-6		
58.00000	-10.00000	-8.50000	-0.27942	-8.9310	-71.960E-6	-0.50109	5.7779E-6		
59.00000	-10.00000	-8.50000	-0.20902	-8.9310	-63.652E-6	-0.46958	5.4148E-6		
-10.00000	-9.00000	-8.50000	-0.14372	-8.9310	-56.469E-6	-0.44058	5.0840E-6		
-20.00000	-9.00000	-8.50000	-0.20317	-8.9310	-62.216E-6	-0.46547	5.3674E-6		
-19.00000	-9.00000	-8.50000	-0.27398	-8.9310	-70.352E-6	-0.49702	5.7310E-6		
-18.00000	-9.00000	-8.50000	-0.35039	-8.9310	-79.805E-6	-0.53138	6.1271E-6		
-17.00000	-9.00000	-8.50000	-0.43276	-8.9310	-90.833E-6	-0.56887	6.5593E-6		
-16.00000	-9.00000	-8.50000	-0.52146	-8.9310	-103.75E-6	-0.60985	7.0315E-6		
-15.00000	-9.00000	-8.50000	-0.61687	-8.9310	-118.95E-6	-0.65470	7.5483E-6		
-14.00000	-9.00000	-8.50000							

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Job No.		Sheet No.		Rev.	
J14383					
Drg. Ref.					
Made by MP		Date 06-Feb-2015		Checked	
Name	X	Location	Z[Level]	Z	Stresses
	[m]	[m]	[mOD]	[mm]	Calc Level Vert Stress Sum Princ Vert Strain
					[mOD] [kN/m²] [kN/m²] [kN/m²] [-]
15.00000	-7.00000	-8.50000	-7.1085	-8.9310	-0.0075015 -5.9064 67.875E-6
16.0000	-7.0000	-8.5000	-7.1857	-8.9310	-0.0075360 -5.9560 68.446E-6
17.0000	-7.0000	-8.5000	-7.2451	-8.9310	-0.0075610 -5.9936 68.879E-6
18.0000	-7.0000	-8.5000	-7.2869	-8.9310	-0.0075779 -6.0197 69.180E-6
19.0000	-7.0000	-8.5000	-7.3115	-8.9310	-0.0075876 -6.0350 69.356E-6
20.0000	-7.0000	-8.5000	-7.3189	-8.9310	-0.0075906 -6.0397 69.410E-6
21.0000	-7.0000	-8.5000	-7.3092	-8.9310	-0.0075872 -6.0340 69.344E-6
22.0000	-7.0000	-8.5000	-7.2823	-8.9310	-0.0075771 -6.0176 69.156E-6
23.0000	-7.0000	-8.5000	-7.2381	-8.9310	-0.0075599 -5.9904 68.842E-6
24.0000	-7.0000	-8.5000	-7.1765	-8.9310	-0.0075345 -5.9518 68.397E-6
25.0000	-7.0000	-8.5000	-7.0970	-8.9310	-0.0074996 -5.9011 67.814E-6
26.0000	-7.0000	-8.5000	-6.9956	-8.9310	-0.0074531 -5.8373 67.000E-6
27.0000	-7.0000	-8.5000	-6.8835	-8.9310	-0.0073923 -5.7593 66.182E-6
28.0000	-7.0000	-8.5000	-6.7485	-8.9310	-0.0073134 -5.6656 65.104E-6
29.0000	-7.0000	-8.5000	-6.5943	-8.9310	-0.0072114 -5.5545 63.826E-6
30.0000	-7.0000	-8.5000	-6.4205	-8.9310	-0.0070796 -5.4240 62.325E-6
31.0000	-7.0000	-8.5000	-6.2267	-8.9310	-0.0069096 -5.2720 60.577E-6
32.0000	-7.0000	-8.5000	-6.0132	-8.9310	-0.0066909 -5.0962 58.558E-6
33.0000	-7.0000	-8.5000	-5.7801	-8.9310	-0.0064415 -4.8949 56.244E-6
34.0000	-7.0000	-8.5000	-5.5286	-8.9310	-0.0060596 -4.6668 53.425E-6
35.0000	-7.0000	-8.5000	-5.2600	-8.9310	-0.0056264 -4.4122 50.703E-6
36.0000	-7.0000	-8.5000	-4.9770	-8.9310	-0.0051114 -4.1336 47.508E-6
37.0000	-7.0000	-8.5000	-4.6830	-8.9310	-0.0045277 -3.8363 44.098E-6
38.0000	-7.0000	-8.5000	-4.3821	-8.9310	-0.0039041 -3.5284 40.568E-6
39.0000	-7.0000	-8.5000	-4.0790	-8.9310	-0.0032804 -3.2196 37.027E-6
40.0000	-7.0000	-8.5000	-3.7752	-8.9310	-0.0026562 -2.9198 33.589E-6
41.0000	-7.0000	-8.5000	-3.4846	-8.9310	-0.0021803 -2.6368 30.342E-6
42.0000	-7.0000	-8.5000	-3.2007	-8.9310	-0.0017459 -2.3761 27.349E-6
43.0000	-7.0000	-8.5000	-2.9292	-8.9310	-0.0013924 -2.1399 24.638E-6
44.0000	-7.0000	-8.5000	-2.6717	-8.9310	-0.0011111 -1.9286 22.210E-6
45.0000	-7.0000	-8.5000	-2.4288	-8.9310	-889.90E-6 -1.7410 20.053E-6
46.0000	-7.0000	-8.5000	-2.2009	-8.9310	-716.91E-6 -1.5749 18.143E-6
47.0000	-7.0000	-8.5000	-1.9877	-8.9310	-581.58E-6 -1.4282 16.455E-6
48.0000	-7.0000	-8.5000	-1.7887	-8.9310	-475.35E-6 -1.2984 14.962E-6
49.0000	-7.0000	-8.5000	-1.6035	-8.9310	-391.49E-6 -1.1836 13.640E-6
50.0000	-7.0000	-8.5000	-1.4313	-8.9310	-324.85E-6 -1.0818 12.468E-6
51.0000	-7.0000	-8.5000	-1.2714	-8.9310	-271.53E-6 -1.0001 11.424E-6
52.0000	-7.0000	-8.5000	-1.1231	-8.9310	-228.48E-6 -0.91033 10.493E-6
53.0000	-7.0000	-8.5000	-0.98557	-8.9310	-193.51E-6 -0.83805 9.6608E-6
54.0000	-7.0000	-8.5000	-0.85119	-8.9310	-164.89E-6 -0.77321 8.9139E-6
55.0000	-7.0000	-8.5000	-0.74027	-8.9310	-141.30E-6 -0.71488 8.2419E-6
56.0000	-7.0000	-8.5000	-0.63118	-8.9310	-121.72E-6 -0.66227 7.6356E-6
57.0000	-7.0000	-8.5000	-0.53031	-8.9310	-105.37E-6 -0.61470 7.0874E-6
58.0000	-7.0000	-8.5000	-0.43711	-8.9310	-91.639E-6 -0.57156 6.6002E-6
59.0000	-7.0000	-8.5000	-0.35105	-8.9310	-80.038E-6 -0.53236 6.1384E-6
60.0000	-7.0000	-8.5000	-0.27164	-8.9310	-70.187E-6 -0.49665 5.7268E-6
61.0000	-7.0000	-8.5000	-0.20377	-8.9310	-60.250E-6 -0.46487 5.3608E-6
62.0000	-6.0000	-8.5000	-0.42351	-8.9310	-88.353E-6 -0.56335 6.4956E-6
63.0000	-6.0000	-8.5000	-0.51651	-8.9310	-101.48E-6 -0.60603 6.9875E-6
64.0000	-6.0000	-8.5000	-0.61733	-8.9310	-117.10E-6 -0.65313 7.5304E-6
65.0000	-6.0000	-8.5000	-0.72657	-8.9310	-135.80E-6 -0.70827 8.1444E-6
66.0000	-6.0000	-8.5000	-0.84489	-8.9310	-158.34E-6 -0.76313 8.7978E-6
67.0000	-6.0000	-8.5000	-0.97299	-8.9310	-185.70E-6 -0.82754 9.5399E-6
68.0000	-6.0000	-8.5000	-1.1116	-8.9310	-219.18E-6 -0.89950 10.369E-6
69.0000	-6.0000	-8.5000	-1.2616	-8.9310	-260.49E-6 -0.98015 11.298E-6
70.0000	-6.0000	-8.5000	-1.4239	-8.9310	-311.95E-6 -1.0709 12.343E-6
71.0000	-6.0000	-8.5000	-1.5993	-8.9310	-376.67E-6 -1.1734 13.523E-6
72.0000	-6.0000	-8.5000	-1.7888	-8.9310	-455.88E-6 -1.2896 14.860E-6
73.0000	-6.0000	-8.5000	-1.9935	-8.9310	-564.42E-6 -1.4219 16.383E-6
74.0000	-6.0000	-8.5000	-2.2144	-8.9310	-701.34E-6 -1.5731 18.123E-6
75.0000	-6.0000	-8.5000	-2.4524	-8.9310	-880.78E-6 -1.7465 20.117E-6
76.0000	-6.0000	-8.5000	-2.7084	-8.9310	-1111.79 -1.9460 22.410E-6
77.0000	-6.0000	-8.5000	-2.9831	-8.9310	-1401.43 -2.1757 25.049E-6
78.0000	-6.0000	-8.5000	-3.2767	-8.9310	-1718.01 -2.4399 27.991E-6
79.0000	-6.0000	-8.5000	-3.5887	-8.9310	-2024.057 -2.7420 31.547E-6
80.0000	-6.0000	-8.5000	-3.9176	-8.9310	-2312.21 -3.0838 35.466E-6
81.0000	-6.0000	-8.5000	-4.2608	-8.9310	-2604.157 -3.4634 39.814E-6
82.0000	-6.0000	-8.5000	-4.6140	-8.9310	-2910.677 -3.8731 44.540E-6
83.0000	-6.0000	-8.5000	-4.9713	-8.9310	-3236.2186 -4.2996 49.384E-6
84.0000	-6.0000	-8.5000	-5.3260	-8.9310	-3597.3683 -4.7250 54.252E-6
85.0000	-6.0000	-8.5000	-5.6911	-8.9310	-3986.4205 -5.1316 59.306E-6
86.0000	-6.0000	-8.5000	-6.0022	-8.9310	-4408.3129 -5.5059 63.193E-6
87.0000	-6.0000	-8.5000	-6.3134	-8.9310	-4867.0027 -5.8404 67.026E-6
88.0000	-6.0000	-8.5000	-6.6025	-8.9310	-5363.1297 -6.1329 70.822E-6
89.0000	-6.0000	-8.5000	-6.8678	-8.9310	-5897.3852 -6.3852 74.587E-6
90.0000	-6.0000	-8.5000	-7.1090	-8.9310	-6460.8 -6.6008 78.354E-6
91.0000	-6.0000	-8.5000	-7.3260	-8.9310	-7054.1540 -6.7838 82.167E-6
92.0000	-6.0000	-8.5000	-7.5192	-8.9310	-7697.4340 -6.9340 86.030E-6
93.0000	-6.0000	-8.5000	-7.6894	-8.9310	-8380.6656 -7.0680 89.942E-6
94.0000	-6.0000	-8.5000	-7.8373	-8.9310	-9104.11945 -7.1759 93.962E-6
95.0000	-6.0000	-8.5000	-7.9637	-8.9310	-9868.82020 -7.2648 98.089E-6
96.0000	-6.0000	-8.5000	-8.0691	-8.9310	-10675.1616 -7.3367 102.319E-6
97.0000	-6.0000	-8.5000	-8.1543	-8.9310	-11523.33933 -7.3933 106.668E-6
98.0000	-6.0000	-8.5000	-8.2197	-8.9310	-12414.2658 -7.4359 111.139E-6
99.0000	-6.0000	-8.5000	-8.2658	-8.9310	-13348.00238 -7.4656 115.700E-6
100.0000	-6.0000	-8.5000	-8.2928	-8.9310	-14325.85896 -7.4828 120.359E-6
101.0000	-6.0000	-8.5000	-8.3010	-8.9310	-15348.85908 -7.4882 125.100E-6
102.0000	-6.0000	-8.5000	-8.2903	-8.9310	-16417.95885 -7.4817 130.915E-6
103.0000	-6.0000	-8.5000	-8.2607	-8.9310	-17543.21267 -7.4632 136.800E-6
104.0000	-6.0000	-8.5000	-8.2121	-8.9310	-18725.63176 -7.4323 142.757E-6
105.0000	-6.0000	-8.5000	-8.1441	-8.9310	-20068.18136 -7.3885 148.893E-6
106.0000	-6.0000	-8.5000	-8.0564	-8.9310	-21573.84147 -7.3307 155.200E-6
107.0000	-6.0000	-8.5000	-7.9484	-8.9310	-23245.602018 -7.2575 161.675E-6
108.0000	-6.0000	-8.5000	-7.8196	-8.9310	-25079.46269 -7.1675 168.319E-6
109.0000	-6.0000	-8.5000	-7.6692	-8.9310	-27080.531842 -7.0583 175.133E-6
110.0000	-6.0000	-8.5000	-7.4966	-8.9310	-29254.9089274 -6.9274 182.127E-6
111.0000	-6.0000	-8.5000	-7.3010	-8.9310	-31609.591535 -6.7717 17.718E-6
112.0000	-6.0000	-8.5000	-7.0818	-8.9310	-34156.5756022 -6.5876 75.602E-6
113.0000	-6.0000	-8.5000	-6.8384	-8.9310	-36908.863709 -6.3709 73.133E-6
114.0000	-6.0000	-8.5000	-6.5710	-8.9310	-40000.0010572 -6.1175 70.205E-6
115.0000	-6.0000	-8.5000	-6.2800	-8.9310	-43440.0000021 -5.8240 66.838E-6
116.0000	-6.0000	-8.5000	-5.9670	-8.9310	-47250.0000000 -5.4887 62.952E-6
117.0000	-6.0000	-8.5000	-5.6349	-8.9310	-51437.0000000 -5.1137 58.699E-6
118.0000	-6.0000	-8.5000	-5.2879	-8.9310	-56070.0000000 -4.7064 54.037E-6
119.0000	-6.0000	-8.5000	-4.9320	-8.9310	-61160.0000000 -4.2805 49.163E-6
120.0000	-6.0000	-8.5000	-4.5738	-8.9310	-66700.0000000 -3.8536 44.279E-6
121.0000	-6.0000	-8.5000	-4.2200	-8.9310	-72700.0000000 -3.4436 39.586E-6
122.0000	-6.0000	-8.5000	-3.8764	-8.9310	-79200.0000000 -3.0639 35.237E-6
123.0000	-6.0000	-8.5000	-3.5472	-8.9310	-86200.0000000 -2.7221 31.319E-6
124.0000	-6.0000	-8.5000	-3.2352	-8.9310	-93700.0000000 -2.4202 27.854E-6
125.0000	-6.0000	-8.5000	-2.9419	-8.9310	-101700.0000000 -2.1563 24.825E-6
126.0000	-6.0000	-8.5000	-2.6677	-8.9310	-110200.0000000 -1.9270 22.191E-6
127.0000	-6.0000	-8.5000	-2.4123	-8.9310	-119200.0000000 -1.7281 19.904E-6
128.0000	-6.0000	-8.5000	-2.1751	-8.9310	-128700.0000000 -1.5552 17.916E-6
129.0000	-6.0000	-8.5000	-1.9552	-8.9310	-138800.0000000 -1.4046 16.184E-6
130.0000	-6.0000	-8.5000	-1.7516	-8.9310	-149500.0000000 -1.2730 14.692E-6
131.0000	-6.0000	-8.5000	-1.5633	-8.9310	-160800.0000000 -1.1575 13.400E-6
132.0000	-6.0000	-8.5000	-1.3891	-8.9310	-172700.0000000 -1.0558 12.169E-6
133.0000	-6.0000	-8.5000	-1.2283	-8.9310	-185200.0000000 -0.9685 11.133E-6
134.0000	-6.0000	-8.5000	-1.0797	-8.9310	-208300.0000000 -0.8959 10.213E-6
135.0000	-6.0000	-8.5000	-0.94243	-8.9310	-232100.0000000 -0.81480 9.3930E-6
136.0000	-6.0000	-8.5000	-0.81577	-8.9310	-256700.0000000 -0.75114 8.6596E-6
137.0000	-6.0000	-8.5000	-0.69889	-8.9310	-282100.0000000 -0.69002 8.0035E-6
138.0000	-6.0000	-8.5000	-0.59108	-8.9310	-308300.0000000 -0.64260 7.4090E-6
139.0000	-6.0000	-8.5000	-0.49167	-8.9310	-335400.0000000 -0.59618 6.8740E-6
140.0000	-6.0000	-8.5000	-0.40005	-8.9310	-363400.0000000 -0.55416 6.3897E-6
141.0000	-6.0000	-8.5000	-0.31645	-8.9310	-392300.0

Name	Location		Stresses				Vert Strain
X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
54.00000	-4.00000	-8.50000	-1.1152	-8.9310	-219.64E-6	-0.90164	10.394E-6
55.00000	-4.00000	-8.50000	-0.97010	-8.9310	-184.71E-6	-0.82638	9.5265E-6
56.00000	-4.00000	-8.50000	-0.83692	-8.9310	-156.48E-6	-0.75953	8.7564E-6
57.00000	-4.00000	-8.50000	-0.71463	-8.9310	-133.46E-6	-0.69991	8.0693E-6
58.00000	-4.00000	-8.50000	-0.60234	-8.9310	-114.52E-6	-0.64652	7.4541E-6
59.00000	-4.00000	-8.50000	-0.49924	-8.9310	-98.821E-6	-0.59854	6.9012E-6
60.00000	-4.00000	-8.50000	-0.40459	-8.9310	-85.708E-6	-0.55528	6.4026E-6
-20.00000	-3.00000	-8.50000	-0.47655	-8.9310	-94.189E-6	-0.58612	6.7581E-6
-19.00000	-3.00000	-8.50000	-0.57829	-8.9310	-108.88E-6	-0.63286	7.2979E-6
-18.00000	-3.00000	-8.50000	-0.68919	-8.9310	-126.52E-6	-0.68504	7.8981E-6
-17.00000	-3.00000	-8.50000	-0.81008	-8.9310	-147.88E-6	-0.74355	8.5677E-6
-16.00000	-3.00000	-8.50000	-0.94188	-8.9310	-173.96E-6	-0.80823	9.3175E-6
-15.00000	-3.00000	-8.50000	-1.08556	-8.9310	-206.08E-6	-0.88142	10.161E-6
-14.00000	-3.00000	-8.50000	-1.2424	-8.9310	-246.05E-6	-0.96414	11.114E-6
-13.00000	-3.00000	-8.50000	-1.4135	-8.9310	-296.39E-6	-1.0581	12.196E-6
-12.00000	-3.00000	-8.50000	-1.6003	-8.9310	-360.58E-6	-1.1654	13.431E-6
-11.00000	-3.00000	-8.50000	-1.8046	-8.9310	-443.66E-6	-1.2888	14.852E-6
-10.00000	-3.00000	-8.50000	-2.0281	-8.9310	-552.94E-6	-1.4317	16.497E-6
-9.00000	-3.00000	-8.50000	-2.2730	-8.9310	-699.42E-6	-1.5986	18.417E-6
-8.00000	-3.00000	-8.50000	-2.5417	-8.9310	-899.98E-6	-1.7953	20.679E-6
-7.00000	-3.00000	-8.50000	-2.8370	-8.9310	-0.0011814	-2.0297	23.373E-6
-6.00000	-3.00000	-8.50000	-3.1621	-8.9310	-0.0015874	-2.3124	26.620E-6
-5.00000	-3.00000	-8.50000	-3.5208	-8.9310	-0.0021924	-2.6581	30.588E-6
-4.00000	-3.00000	-8.50000	-3.9172	-8.9310	-0.0031272	-3.0876	35.510E-6
-3.00000	-3.00000	-8.50000	-4.3561	-8.9310	-0.0046314	-3.6304	41.719E-6
-2.00000	-3.00000	-8.50000	-4.8422	-8.9310	-0.0071547	-4.3280	49.005E-6
-1.00000	-3.00000	-8.50000	-5.3794	-8.9310	-0.011540	-5.2369	60.012E-6
0.00000	-3.00000	-8.50000	-5.9687	-8.9310	-0.019221	-6.4211	73.408E-6
1.00000	-3.00000	-8.50000	-6.6039	-8.9310	-0.031862	-7.9156	90.209E-6
2.00000	-3.00000	-8.50000	-7.2865	-8.9310	-0.049089	-9.6407	109.51E-6
3.00000	-3.00000	-8.50000	-7.9261	-8.9310	-0.066315	-11.365	128.80E-6
4.00000	-3.00000	-8.50000	-8.5523	-8.9310	-0.078955	-12.855	145.56E-6
5.00000	-3.00000	-8.50000	-9.1626	-8.9310	-0.086635	-14.033	168.88E-6
6.00000	-3.00000	-8.50000	-9.6424	-8.9310	-0.091017	-14.932	169.11E-6
7.00000	-3.00000	-8.50000	-10.101	-8.9310	-0.093537	-15.618	176.93E-6
8.00000	-3.00000	-8.50000	-10.506	-8.9310	-0.095037	-16.146	182.97E-6
9.00000	-3.00000	-8.50000	-10.863	-8.9310	-0.095966	-16.558	187.69E-6
10.00000	-3.00000	-8.50000	-11.175	-8.9310	-0.096555	-16.884	191.42E-6
11.00000	-3.00000	-8.50000	-11.446	-8.9310	-0.096965	-17.143	194.40E-6
12.00000	-3.00000	-8.50000	-11.681	-8.9310	-0.097239	-17.351	196.79E-6
13.00000	-3.00000	-8.50000	-11.882	-8.9310	-0.097431	-17.518	198.71E-6
14.00000	-3.00000	-8.50000	-12.052	-8.9310	-0.097567	-17.651	200.25E-6
15.00000	-3.00000	-8.50000	-12.192	-8.9310	-0.097665	-17.757	201.48E-6
16.00000	-3.00000	-8.50000	-12.305	-8.9310	-0.097735	-17.839	202.40E-6
17.00000	-3.00000	-8.50000	-12.390	-8.9310	-0.097783	-17.899	203.10E-6
18.00000	-3.00000	-8.50000	-12.450	-8.9310	-0.097815	-17.941	203.58E-6
19.00000	-3.00000	-8.50000	-12.486	-8.9310	-0.097834	-17.965	203.86E-6
20.00000	-3.00000	-8.50000	-12.496	-8.9310	-0.097839	-17.973	203.94E-6
21.00000	-3.00000	-8.50000	-12.482	-8.9310	-0.097833	-17.963	203.84E-6
22.00000	-3.00000	-8.50000	-12.444	-8.9310	-0.097814	-17.937	203.54E-6
23.00000	-3.00000	-8.50000	-12.380	-8.9310	-0.097781	-17.894	203.04E-6
24.00000	-3.00000	-8.50000	-12.291	-8.9310	-0.097732	-17.832	202.32E-6
25.00000	-3.00000	-8.50000	-12.175	-8.9310	-0.097661	-17.748	201.36E-6
26.00000	-3.00000	-8.50000	-12.032	-8.9310	-0.097562	-17.641	200.12E-6
27.00000	-3.00000	-8.50000	-11.859	-8.9310	-0.097425	-17.505	198.57E-6
28.00000	-3.00000	-8.50000	-11.654	-8.9310	-0.097232	-17.336	196.62E-6
29.00000	-3.00000	-8.50000	-11.416	-8.9310	-0.096957	-17.126	194.21E-6
30.00000	-3.00000	-8.50000	-11.140	-8.9310	-0.096557	-16.865	191.21E-6
31.00000	-3.00000	-8.50000	-10.825	-8.9310	-0.095956	-16.538	187.45E-6
32.00000	-3.00000	-8.50000	-10.465	-8.9310	-0.095026	-16.124	182.71E-6
33.00000	-3.00000	-8.50000	-10.057	-8.9310	-0.093525	-15.594	176.65E-6
34.00000	-3.00000	-8.50000	-9.5956	-8.9310	-0.091004	-14.906	168.81E-6
35.00000	-3.00000	-8.50000	-9.0771	-8.9310	-0.086621	-14.005	158.56E-6
36.00000	-3.00000	-8.50000	-8.5106	-8.9310	-0.078941	-12.826	145.23E-6
37.00000	-3.00000	-8.50000	-7.8724	-8.9310	-0.066300	-11.335	128.46E-6
38.00000	-3.00000	-8.50000	-7.2112	-8.9310	-0.049073	-9.6101	109.16E-6
39.00000	-3.00000	-8.50000	-6.5473	-8.9310	-0.031847	-7.8844	89.850E-6
40.00000	-3.00000	-8.50000	-5.9112	-8.9310	-0.019205	-6.3896	73.85E-6
41.00000	-3.00000	-8.50000	-5.3214	-8.9310	-0.011524	-5.2054	59.649E-6
42.00000	-3.00000	-8.50000	-4.7841	-8.9310	-0.0071394	-4.2967	49.319E-6
43.00000	-3.00000	-8.50000	-4.2983	-8.9310	-0.0046165	-3.5995	41.38E-6
44.00000	-3.00000	-8.50000	-3.8600	-8.9310	-0.0031130	-3.0574	35.162E-6
45.00000	-3.00000	-8.50000	-3.4645	-8.9310	-0.0021789	-2.6288	30.250E-6
46.00000	-3.00000	-8.50000	-3.1070	-8.9310	-0.0015747	-2.241	26.295E-6
47.00000	-3.00000	-8.50000	-2.7834	-8.9310	-0.0011696	-2.0056	23.061E-6
48.00000	-3.00000	-8.50000	-2.4897	-8.9310	-889.05E-6	-1.7695	20.381E-6
49.00000	-3.00000	-8.50000	-2.2229	-8.9310	-689.38E-6	-1.5741	18.134E-6
50.00000	-3.00000	-8.50000	-1.9800	-8.9310	-543.77E-6	-1.4086	16.030E-6
51.00000	-3.00000	-8.50000	-1.7585	-8.9310	-435.32E-6	-1.2670	14.601E-6
52.00000	-3.00000	-8.50000	-1.5564	-8.9310	-353.05E-6	-1.1450	13.196E-6
53.00000	-3.00000	-8.50000	-1.3717	-8.9310	-289.60E-6	-1.0390	11.976E-6
54.00000	-3.00000	-8.50000	-1.2027	-8.9310	-239.97E-6	-0.94639	10.909E-6
55.00000	-3.00000	-8.50000	-1.0481	-8.9310	-200.63E-6	-0.86494	9.9708E-6
56.00000	-3.00000	-8.50000	-0.90652	-8.9310	-169.10E-6	-0.79294	9.1413E-6
57.00000	-3.00000	-8.50000	-0.77880	-8.9310	-143.56E-6	-0.72900	8.4048E-6
58.00000	-3.00000	-8.50000	-0.65791	-8.9310	-122.68E-6	-0.67197	7.7474E-6
59.00000	-3.00000	-8.50000	-0.54895	-8.9310	-105.46E-6	-0.62089	7.1588E-6
60.00000	-3.00000	-8.50000	-0.44908	-8.9310	-91.157E-6	-0.57500	6.6299E-6
-20.00000	-2.00000	-8.50000	-0.52974	-8.9310	-100.138E-6	-0.60676	6.9960E-6
-19.00000	-2.00000	-8.50000	-0.62992	-8.9310	-116.12E-6	-0.65641	7.5682E-6
-18.00000	-2.00000	-8.50000	-0.74695	-8.9310	-135.42E-6	-0.71179	8.2063E-6
-17.00000	-2.00000	-8.50000	-0.87473	-8.9310	-158.90E-6	-0.77337	9.0265E-6
-16.00000	-2.00000	-8.50000	-1.0143	-8.9310	-187.71E-6	-0.84346	9.7234E-6
-15.00000	-2.00000	-8.50000	-1.1668	-8.9310	-223.44E-6	-0.92215	10.630E-6
-14.00000	-2.00000	-8.50000	-1.3336	-8.9310	-268.23E-6	-1.0151	11.699E-6
-13.00000	-2.00000	-8.50000	-1.5161	-8.9310	-325.08E-6	-1.1134	12.833E-6
-12.00000	-2.00000	-8.50000	-1.7160	-8.9310	-398.27E-6	-1.2306	14.182E-6
-11.00000	-2.00000	-8.50000	-1.9352	-8.9310	-494.05E-6	-1.3662	15.743E-6
-10.00000	-2.00000	-8.50000	-2.1761	-8.9310	-621.72E-6	-1.5245	17.565E-6
-9.00000	-2.00000	-8.50000	-2.4411	-8.9310	-795.56E-6	-1.7111	19.711E-6
-8.00000	-2.00000	-8.50000	-2.7334	-8.9310	-0.0010383	-1.9334	22.268E-6
-7.00000	-2.00000	-8.50000	-3.0566	-8.9310	-0.0013871	-2.2020	25.354E-6
-6.00000	-2.00000	-8.50000	-3.4152	-8.9310	-0.001.		



73-75 Avenue Road, NW8

Short-term Heave

Job No.		Sheet No.		Rev.					
J14383									
Drg. Ref.									
Made by MP		Date 06-Feb-2015	Checked						
Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]	
12.00000	0.00000	-8.50000	-21.616	-8.9310	-79.999	-234.91	-58.613E-6		
13.00000	0.00000	-8.50000	-21.978	-8.9310	-79.999	-235.16	-55.947E-6		
14.00000	0.00000	-8.50000	-22.096	-8.9310	-79.999	-235.34	-53.691E-6		
15.00000	0.00000	-8.50000	-22.274	-8.9310	-79.999	-235.49	-52.020E-6		
16.00000	0.00000	-8.50000	-22.416	-8.9310	-79.999	-235.60	-50.747E-6		
17.00000	0.00000	-8.50000	-22.524	-8.9310	-79.999	-235.68	-49.812E-6		
18.00000	0.00000	-8.50000	-22.599	-8.9310	-79.999	-235.74	-49.175E-6		
19.00000	0.00000	-8.50000	-22.643	-8.9310	-79.999	-235.77	-48.808E-6		
20.00000	0.00000	-8.50000	-22.656	-8.9310	-79.999	-235.78	-48.697E-6		
21.00000	0.00000	-8.50000	-22.639	-8.9310	-79.999	-235.76	-48.837E-6		
22.00000	0.00000	-8.50000	-22.591	-8.9310	-79.999	-235.73	-49.233E-6		
23.00000	0.00000	-8.50000	-22.511	-8.9310	-79.999	-235.67	-49.900E-6		
24.00000	0.00000	-8.50000	-22.399	-8.9310	-79.999	-235.59	-50.965E-6		
25.00000	0.00000	-8.50000	-22.252	-8.9310	-79.999	-235.48	-52.170E-6		
26.00000	0.00000	-8.50000	-22.069	-8.9310	-79.999	-235.33	-53.876E-6		
27.00000	0.00000	-8.50000	-21.846	-8.9310	-79.999	-235.14	-56.067E-6		
28.00000	0.00000	-8.50000	-21.579	-8.9310	-79.999	-234.89	-58.871E-6		
29.00000	0.00000	-8.50000	-21.263	-8.9310	-79.998	-234.58	-62.469E-6		
30.00000	0.00000	-8.50000	-20.892	-8.9310	-79.997	-234.17	-67.141E-6		
31.00000	0.00000	-8.50000	-20.457	-8.9310	-79.996	-233.63	-73.122E-6		
32.00000	0.00000	-8.50000	-19.945	-8.9310	-79.994	-232.90	-81.737E-6		
33.00000	0.00000	-8.50000	-19.340	-8.9310	-79.989	-231.85	-93.677E-6		
34.00000	0.00000	-8.50000	-18.616	-8.9310	-79.979	-230.26	-111.67E-6		
35.00000	0.00000	-8.50000	-17.734	-8.9310	-79.951	-227.59	-141.41E-6		
36.00000	0.00000	-8.50000	-16.626	-8.9310	-79.839	-222.32	-198.42E-6		
37.00000	0.00000	-8.50000	-15.148	-8.9310	-78.893	-207.48	-336.05E-6		
38.00000	0.00000	-8.50000	-14.473	-8.9310	-40.000	-118.60	-16.122E-6		
39.00000	0.00000	-8.50000	-9.7959	-8.9310	-1.1068	-29.725	304.59E-6		
40.00000	0.00000	-8.50000	-8.3084	-8.9310	-0.16084	-14.883	166.12E-6		
41.00000	0.00000	-8.50000	-7.1852	-8.9310	-0.049071	-9.5997	109.04E-6		
42.00000	0.00000	-8.50000	-6.2824	-8.9310	-0.020895	-6.9287	79.205E-6		
43.00000	0.00000	-8.50000	-5.5309	-8.9310	-0.010729	-5.3268	61.078E-6		
44.00000	0.00000	-8.50000	-4.8923	-8.9310	-0.0062076	-4.2642	48.976E-6		
45.00000	0.00000	-8.50000	-4.3384	-8.9310	-0.0039007	-3.5110	40.367E-6		
46.00000	0.00000	-8.50000	-3.8549	-8.9310	-0.0026037	-2.9514	33.957E-6		
47.00000	0.00000	-8.50000	-3.4285	-8.9310	-0.0018197	-2.5210	29.018E-6		
48.00000	0.00000	-8.50000	-3.0498	-8.9310	-0.0013186	-2.1807	25.111E-6		
49.00000	0.00000	-8.50000	-2.7117	-8.9310	-983.66E-6	-1.9060	21.954E-6		
50.00000	0.00000	-8.50000	-2.4084	-8.9310	-751.57E-6	-1.6804	19.358E-6		
51.00000	0.00000	-8.50000	-2.1354	-8.9310	-585.83E-6	-1.4923	17.194E-6		
52.00000	0.00000	-8.50000	-1.8890	-8.9310	-464.43E-6	-1.3336	15.368E-6		
53.00000	0.00000	-8.50000	-1.6659	-8.9310	-373.57E-6	-1.1983	13.810E-6		
54.00000	0.00000	-8.50000	-1.4637	-8.9310	-304.29E-6	-1.0819	12.471E-6		
55.00000	0.00000	-8.50000	-1.2795	-8.9310	-250.60E-6	-0.9811	11.309E-6		
56.00000	0.00000	-8.50000	-1.1128	-8.9310	-208.40E-6	-0.89310	10.295E-6		
57.00000	0.00000	-8.50000	-0.96055	-8.9310	-174.81E-6	-0.81582	9.4051E-6		
58.00000	0.00000	-8.50000	-0.82181	-8.9310	-147.78E-6	-0.74760	8.6309E-6		
59.00000	0.00000	-8.50000	-0.69527	-8.9310	-125.80E-6	-0.68708	7.9216E-6		
60.00000	0.00000	-8.50000	-0.57980	-8.9310	-107.77E-6	-0.63314	7.3001E-6		
-20.00000	1.00000	-8.50000	-0.65764	-8.9310	-118.30E-6	-0.66750	7.6900E-6		
-19.00000	1.00000	-8.50000	-1.1699	-8.9310	-0.0033186	-8.72469	8.3666E-6		
-18.00000	1.00000	-8.50000	-0.91632	-8.9310	-162.85E-6	-0.79111	9.1204E-6		
-17.00000	1.00000	-8.50000	-1.0647	-8.9310	-193.02E-6	-0.86498	9.9715E-6		
-16.00000	1.00000	-8.50000	-1.2277	-8.9310	-230.54E-6	-0.94881	10.937E-6		
-15.00000	1.00000	-8.50000	-1.4068	-8.9310	-277.74E-6	-1.0445	12.039E-6		
-14.00000	1.00000	-8.50000	-1.6038	-8.9310	-337.90E-6	-1.1543	13.304E-6		
-13.00000	1.00000	-8.50000	-1.8209	-8.9310	-415.70E-6	-1.2813	14.766E-6		
-12.00000	1.00000	-8.50000	-2.0605	-8.9310	-518.00E-6	-1.4293	16.470E-6		
-11.00000	1.00000	-8.50000	-2.3257	-8.9310	-655.18E-6	-1.6034	18.474E-6		
-10.00000	1.00000	-8.50000	-2.6198	-8.9310	-843.33E-6	-1.8106	20.857E-6		
-9.00000	1.00000	-8.50000	-2.9472	-8.9310	-0.001084	-2.0601	23.726E-6		
-8.00000	1.00000	-8.50000	-3.3131	-8.9310	-0.0014940	-2.3654	27.235E-6		
-7.00000	1.00000	-8.50000	-3.7242	-8.9310	-0.0020771	-2.7461	31.606E-6		
-6.00000	1.00000	-8.50000	-4.1869	-8.9310	-0.0030018	-3.2220	36.1630E-6		
-5.00000	1.00000	-8.50000	-4.7185	-8.9310	-0.0045593	-3.8710	44.498E-6		
-4.00000	1.00000	-8.50000	-5.3285	-8.9310	-0.0073954	-4.7448	54.479E-6		
-3.00000	1.00000	-8.50000	-6.0409	-8.9310	-0.013132	-6.0044	68.811E-6		
-2.00000	1.00000	-8.50000	-6.8895	-8.9310	-0.026603	-7.9629	90.338E-6		
-1.00000	1.00000	-8.50000	-7.9300	-8.9310	-0.066342	-11.384	129.02E-6		
0.00000	1.00000	-8.50000	-9.2681	-8.9310	-0.23955	-18.675	207.14E-6		
1.00000	1.00000	-8.50000	-11.151	-8.9310	-1.9258	-42.004	417.90E-6		
2.00000	1.00000	-8.50000	-15.227	-8.9310	-78.893	-207.54	-336.19E-6		
3.00000	1.00000	-8.50000	-19.299	-8.9310	-155.86	-373.07	-0.0010903		
4.00000	1.00000	-8.50000	-21.170	-8.9310	-157.55	-396.39	-879.61E-6		
5.00000	1.00000	-8.50000	-22.889	-8.9310	-157.72	-801.60E-6	-1.3122	13.095E-6	
6.00000	1.00000	-8.50000	-23.502	-8.9310	-157.76	-407.08	-763.68E-6		
7.00000	1.00000	-8.50000	-24.315	-8.9310	-157.77	-409.02	-741.75E-6		
8.00000	1.00000	-8.50000	-24.984	-8.9310	-157.78	-410.26	-727.64E-6		
9.00000	1.00000	-8.50000	-25.544	-8.9310	-157.78	-411.11	-717.96E-6		
10.00000	1.00000	-8.50000	-26.014	-8.9310	-157.78	-411.72	-710.97E-6		
11.00000	1.00000	-8.50000	-26.412	-8.9310	-157.78	-412.17	-705.76E-6		
12.00000	1.00000	-8.50000	-26.748	-8.9310	-157.78	-412.63	-701.60E-6		
13.00000	1.00000	-8.50000	-27.030	-8.9310	-157.79	-412.78	-698.74E-6		
14.00000	1.00000	-8.50000	-27.264	-8.9310	-157.79	-412.99	-696.38E-6		
15.00000	1.00000	-8.50000	-27.456	-8.9310	-157.79	-413.15	-694.58E-6		
16.00000	1.00000	-8.50000	-27.607	-8.9310	-157.79	-413.27	-693.17E-6		
17.00000	1.00000	-8.50000	-27.723	-8.9310	-157.79	-413.36	-692.15E-6		
18.00000	1.00000	-8.50000	-27.803	-8.9310	-157.79	-413.42	-691.46E-6		
19.00000	1.00000	-8.50000	-27.850	-8.9310	-157.79	-413.45	-691.07E-6		
20.00000	1.00000	-8.50000	-27.863	-8.9310	-157.79	-413.46	-690.95E-6		
21.00000	1.00000	-8.50000	-27.845	-8.9310	-157.79	-413.45	-691.10E-6		
22.00000	1.00000	-8.50000	-27.792	-8.9310	-157.79	-413.35	-691.53E-6		
23.00000	1.00000	-8.50000	-27.708	-8.9310	-157.79	-413.35	-692.25E-6		
24.00000	1.00000	-8.50000	-27.588	-8.9310	-157.79	-413.26	-693.30E-6		
25.00000	1.00000	-8.50000	-27.431	-8.9310	-157.79	-413.13	-694.72E-6		
26.00000	1.00000	-8.50000	-27.235	-8.9310	-157.79	-412.96	-696.59E-6		
27.00000	1.00000	-8.50000	-26.995	-8.9310	-157.78	-412.76	-699.00E-6		
28.00000	1.00000	-8.50000	-26.707	-8.9310	-157.78	-412.49	-702.10E-6		
29.00000	1.00000	-8.50000	-26.365	-8.9310	-157.78	-412.14	-706.11E-6		
30.00000	1.00000	-8.50000	-25.962	-8.9310	-157.78	-411.68	-711.36E-6		
31.00000	1.00000	-8.50000	-25.485	-8.9310	-157.78	-411.07	-718.41E-6		
32.00000	1.00000	-8.50000	-24.920	-8.9310	-157.78	-410.21	-728.15E-6		
33.00000	1.00000	-8.50000	-24.245	-8.9310	-157.77	-408.97	-742.29E-6		
34.00000	1.00000	-8.50000	-23.427	-8.9310	-157.76	-407.03	-764.27E-6		
35.00000	1.00000	-8.50000	-22.409	-8.9310	-157.72	-403.62	-802.23E-6		
36.00000	1.00000	-8.50000	-21.086	-8.9310	-157.55	-396.33	-880.28E-6		
37.00000	1.00000	-8.50000	-19.211	-8.9310	-155.86	-373.01	-0.0010910		
38.00000	1.00000	-8.50000	-15.136	-8.9310	-78.893	-207.47	-336.91E-6		
39.00000	1.00000	-8.50000	-11.9257	-8.9310	-41.940	-417.16E-6	-1.3122	13.095E-6	
40.00000	1.00000	-8.50000	-9.1736	-8.9310	-0.23951	-18.611	206.41E-6		
41.00000	1.00000	-8.50000	-7.8951	-8.9310	-0.066297	-11.320	128.29E-6		
42.00000	1.00000	-8.50000	-6.7950	-8.9310	-0.26559	-7.9002	90.215E-6		
43.00000	1.00000	-8.50000	-5.9478	-8.9310	-0.013091	-5.9433	68.008E-6		
44.00000	1.00000	-8.50000	-5.2369	-8.9310	-0.0073565	-4.6860	53.802E-6		
4									

Name	Location		Stresses					
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
51.00000	3.00000	3.00000	-8.50000	-2.4928	-8.9310	-734.73E-6	-1.7095	19.695E-6
52.00000	3.00000	3.00000	-8.50000	-2.2034	-8.9310	-574.35E-6	-1.5147	17.454E-6
53.00000	3.00000	3.00000	-8.50000	-1.9433	-8.9310	-456.22E-6	-1.3507	15.565E-6
54.00000	3.00000	3.00000	-8.50000	-1.7090	-8.9310	-367.43E-6	-1.2111	13.959E-6
55.00000	3.00000	3.00000	-8.50000	-1.4973	-8.9310	-299.51E-6	-1.0914	12.579E-6
56.00000	3.00000	3.00000	-8.50000	-1.3057	-8.9310	-246.75E-6	-0.98778	11.386E-6
57.00000	3.00000	3.00000	-8.50000	-1.1320	-8.9310	-205.21E-6	-0.89758	10.347E-6
58.00000	3.00000	3.00000	-8.50000	-0.97440	-8.9310	-172.11E-6	-0.81854	9.4355E-6
59.00000	3.00000	3.00000	-8.50000	-0.83121	-8.9310	-145.44E-6	-0.74891	8.6342E-6
60.00000	3.00000	3.00000	-8.50000	-0.70100	-8.9310	-123.75E-6	-0.68727	7.9239E-6
-20.00000	4.00000	4.00000	-8.50000	-0.78145	-8.9310	-136.07E-6	-0.72395	8.3466E-6
-19.00000	4.00000	4.00000	-8.50000	-0.92008	-8.9310	-160.22E-6	-0.79019	9.1122E-6
-18.00000	4.00000	4.00000	-8.50000	-1.0726	-8.9310	-189.92E-6	-0.86554	9.9781E-6
-17.00000	4.00000	4.00000	-8.50000	-1.2406	-8.9310	-226.78E-6	-0.95096	10.962E-6
-16.00000	4.00000	4.00000	-8.50000	-1.4257	-8.9310	-273.02E-6	-1.0486	12.087E-6
-15.00000	4.00000	4.00000	-8.50000	-1.6301	-8.9310	-331.69E-6	-1.1608	13.379E-6
-14.00000	4.00000	4.00000	-8.50000	-1.8560	-8.9310	-407.12E-6	-1.2906	14.874E-6
-13.00000	4.00000	4.00000	-8.50000	-2.1061	-8.9310	-505.57E-6	-1.4420	16.617E-6
-12.00000	4.00000	4.00000	-8.50000	-2.3838	-8.9310	-636.29E-6	-1.6201	18.667E-6
-11.00000	4.00000	4.00000	-8.50000	-2.6928	-8.9310	-811.34E-6	-1.8316	21.100E-6
-10.00000	4.00000	4.00000	-8.50000	-3.0379	-8.9310	-0.0010588	-2.0857	24.023E-6
-9.00000	4.00000	4.00000	-8.50000	-3.4247	-8.9310	-0.0014084	-2.3952	27.522E-6
-8.00000	4.00000	4.00000	-8.50000	-3.8605	-8.9310	-0.0019231	-2.7786	31.986E-6
-7.00000	4.00000	4.00000	-8.50000	-4.3542	-8.9310	-0.0027112	-3.2629	37.546E-6
-6.00000	4.00000	4.00000	-8.50000	-4.9179	-8.9310	-0.0039769	-3.8900	44.737E-6
-5.00000	4.00000	4.00000	-8.50000	-5.5575	-8.9310	-0.0061354	-4.7276	54.325E-6
-4.00000	4.00000	4.00000	-8.50000	-6.3249	-8.9310	-0.010107	-5.8919	67.618E-6
-3.00000	4.00000	4.00000	-8.50000	-7.2220	-8.9310	-0.018182	-7.5978	87.017E-6
-2.00000	4.00000	4.00000	-8.50000	-8.3070	-8.9310	-0.037033	-10.2385	117.365E-6
-1.00000	4.00000	4.00000	-8.50000	-9.6580	-8.9310	-0.091115	-14.992	169.79E-6
0.00000	4.00000	4.00000	-8.50000	-11.415	-8.9310	-0.31126	-24.789	275.19E-6
1.00000	4.00000	4.00000	-8.50000	-13.873	-8.9310	-2.1985	-53.574	541.94E-6
2.00000	4.00000	4.00000	-8.50000	-16.698	-8.9310	-79.979	-230.35	130.61E-6
3.00000	4.00000	4.00000	-8.50000	-23.512	-8.9310	-157.76	-407.12	263.20E-6
4.00000	4.00000	4.00000	-8.50000	-25.954	-8.9310	-159.65	-435.89	496.57E-6
5.00000	4.00000	4.00000	-8.50000	-27.686	-8.9310	-159.87	-445.68	591.35E-6
6.00000	4.00000	4.00000	-8.50000	-29.002	-8.9310	-159.92	-450.36	593.18E-6
7.00000	4.00000	4.00000	-8.50000	-30.043	-8.9310	-159.94	-453.02	599.14E-6
8.00000	4.00000	4.00000	-8.50000	-30.887	-8.9310	-159.95	-454.70	599.11E-6
9.00000	4.00000	4.00000	-8.50000	-31.582	-8.9310	-159.95	-455.82	597.23E-6
10.00000	4.00000	4.00000	-8.50000	-32.160	-8.9310	-159.95	-456.62	598.09E-6
11.00000	4.00000	4.00000	-8.50000	-32.644	-8.9310	-159.96	-457.21	596.39E-6
12.00000	4.00000	4.00000	-8.50000	-33.048	-8.9310	-159.96	-457.64	596.37E-6
13.00000	4.00000	4.00000	-8.50000	-33.386	-8.9310	-159.96	-457.98	592.54E-6
14.00000	4.00000	4.00000	-8.50000	-33.664	-8.9310	-159.96	-458.23	599.61E-6
15.00000	4.00000	4.00000	-8.50000	-33.891	-8.9310	-159.96	-458.43	594.37E-6
16.00000	4.00000	4.00000	-8.50000	-34.070	-8.9310	-159.96	-458.57	595.68E-6
17.00000	4.00000	4.00000	-8.50000	-34.205	-8.9310	-159.96	-458.68	594.45E-6
18.00000	4.00000	4.00000	-8.50000	-34.299	-8.9310	-159.96	-458.75	594.62E-6
19.00000	4.00000	4.00000	-8.50000	-34.354	-8.9310	-159.96	-458.80	594.14E-6
20.00000	4.00000	4.00000	-8.50000	-34.370	-8.9310	-159.96	-458.81	594.00E-6
21.00000	4.00000	4.00000	-8.50000	-34.348	-8.9310	-159.96	-458.79	594.19E-6
22.00000	4.00000	4.00000	-8.50000	-34.287	-8.9310	-159.96	-458.75	594.71E-6
23.00000	4.00000	4.00000	-8.50000	-34.187	-8.9310	-159.96	-458.67	594.59E-6
24.00000	4.00000	4.00000	-8.50000	-34.046	-8.9310	-159.96	-458.56	594.87E-6
25.00000	4.00000	4.00000	-8.50000	-33.860	-8.9310	-159.96	-458.41	594.62E-6
26.00000	4.00000	4.00000	-8.50000	-33.626	-8.9310	-159.96	-458.21	599.92E-6
27.00000	4.00000	4.00000	-8.50000	-33.340	-8.9310	-159.96	-457.94	592.93E-6
28.00000	4.00000	4.00000	-8.50000	-32.994	-8.9310	-159.96	-457.60	596.83E-6
29.00000	4.00000	4.00000	-8.50000	-32.580	-8.9310	-159.96	-457.16	591.94E-6
30.00000	4.00000	4.00000	-8.50000	-32.087	-8.9310	-159.95	-456.57	598.73E-6
31.00000	4.00000	4.00000	-8.50000	-31.500	-8.9310	-159.95	-455.76	597.97E-6
32.00000	4.00000	4.00000	-8.50000	-30.795	-8.9310	-159.95	-454.62	590.95E-6
33.00000	4.00000	4.00000	-8.50000	-29.942	-8.9310	-159.94	-452.94	591.09E-6
34.00000	4.00000	4.00000	-8.50000	-28.892	-8.9310	-159.92	-450.27	594.23E-6
35.00000	4.00000	4.00000	-8.50000	-27.567	-8.9310	-159.87	-445.58	592.50E-6
36.00000	4.00000	4.00000	-8.50000	-25.827	-8.9310	-159.65	-445.79	497.80E-6
37.00000	4.00000	4.00000	-8.50000	-23.378	-8.9310	-157.76	-407.01	764.50E-6
38.00000	4.00000	4.00000	-8.50000	-18.557	-8.9310	-79.979	-230.23	111.97E-6
39.00000	4.00000	4.00000	-8.50000	-13.731	-8.9310	-2.1984	-53.454	504.56E-6
40.00000	4.00000	4.00000	-8.50000	-11.272	-8.9310	-31.114	-24.669	273.81E-6
41.00000	4.00000	4.00000	-8.50000	-9.5146	-8.9310	-0.090955	-14.873	168.42E-6
42.00000	4.00000	4.00000	-8.50000	-8.1652	-8.9310	-0.036921	-10.170	116.04E-6
43.00000	4.00000	4.00000	-8.50000	-7.0832	-8.9310	-0.018078	-7.4874	85.747E-6
44.00000	4.00000	4.00000	-8.50000	-5.7876	-8.9310	-0.010013	-5.7876	66.418E-6
45.00000	4.00000	4.00000	-8.50000	-5.4380	-8.9310	-0.0060515	-4.6302	53.203E-6
46.00000	4.00000	4.00000	-8.50000	-4.7944	-8.9310	-0.0039033	-3.7999	43.699E-6
47.00000	4.00000	4.00000	-8.50000	-4.2371	-8.9310	-0.0024472	-3.1802	36.594E-6
48.00000	4.00000	4.00000	-8.50000	-3.7500	-8.9310	-0.0018681	-2.7032	31.119E-6
49.00000	4.00000	4.00000	-8.50000	-3.3211	-8.9310	-0.0013614	-2.3269	26.796E-6
50.00000	4.00000	4.00000	-8.50000	-2.9411	-8.9310	-0.0010188	-2.0241	23.148E-6
51.00000	4.00000	4.00000	-8.50000	-2.6021	-8.9310	-0.0006121	-1.7762	20.463E-6
52.00000	4.00000	4.00000	-8.50000	-2.3001	-8.9310	-607.72E-6	-1.5704	18.095E-6
53.00000	4.00000	4.00000	-8.50000	-2.0286	-8.9310	-481.48E-6	-1.3976	16.106E-6
54.00000	4.00000	4.00000	-8.50000	-1.7844	-8.9310	-396.83E-6	-1.2509	14.478E-6
55.00000	4.00000	4.00000	-8.50000	-1.5640	-8.9310	-314.59E-6	-1.1253	12.970E-6
56.00000	4.00000	4.00000	-8.50000	-1.3649	-8.9310	-258.61E-6	-1.0169	11.722E-6
57.00000	4.00000	4.00000	-8.50000	-1.1846	-8.9310	-214.63E-6	-0.92271	10.637E-6
58.00000	4.00000	4.00000	-8.50000	-1.0212	-8.9310	-175.63E-6	-0.84032	9.6876E-6
59.00000	4.00000	4.00000	-8.50000	-0.87284	-8.9310	-151.53E-6	-0.76788	8.8528E-6
60.00000	4.00000	4.00000	-8.50000	-0.73809	-8.9310	-128.71E-6	-0.70384	8.1149E-6
-20.00000	5.00000	5.00000	-8.50000	-0.81902	-8.9310	-141.70E-6	-0.74125	8.5460E-6
-19.00000	5.00000	5.00000	-8.50000	-0.96234	-8.9310	-167.17E-6	-0.81027	9.3413E-6
-18.00000	5.00000	5.00000	-8.50000	-1.1202	-8.9310	-198.54E-6	-0.88848	10.242E-6
-17.00000	5.00000	5.00000	-8.50000	-1.2942	-8.9310	-237.56E-6	-0.97753	11.268E-6
-16.00000	5.00000	5.00000	-8.50000	-1.4862	-8.9310	-281.07E-6	-1.0795	12.443E-6
-15.00000	5.00000	5.00000	-8.50000	-1.6984	-8.9310	-348.90E-6	-1.1969	13.795E-6
-14.00000	5.00000	5.00000	-8.50000	-1.9332	-8.9310	-429.16E-6	-1.3300	15.363E-6
-13.00000	5.00000	5.00000	-8.50000	-2.1936	-8.9310	-534.05E-6	-1.4920	17.193E-6
-12.00000	5.00000	5.						

Name	Location		Stresses					
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
30.00000	5.00000	-8.50000	-33.282	-8.9310	-159.97	-459.55	-234.99E-6	
31.00000	5.00000	-8.50000	-32.664	-8.9310	-159.97	-458.70	-244.76E-6	
32.00000	5.00000	-8.50000	-31.922	-8.9310	-159.97	-457.50	-258.48E-6	
33.00000	5.00000	-8.50000	-31.024	-8.9310	-159.96	-455.72	-278.64E-6	
34.00000	5.00000	-8.50000	-29.910	-8.9310	-159.94	-452.93	-310.21E-6	
35.00000	5.00000	-8.50000	-28.529	-8.9310	-159.88	-448.06	-364.47E-6	
36.00000	5.00000	-8.50000	-26.713	-8.9310	-159.66	-438.03	-472.48E-6	
37.00000	5.00000	-8.50000	-24.176	-8.9310	-157.77	-408.94	-742.64E-6	
38.00000	5.00000	-8.50000	-19.250	-8.9310	-79.989	-231.81	-94.073E-6	
39.00000	5.00000	-8.50000	-14.340	-8.9310	-2.2052	-54.682	554.48E-6	
40.00000	5.00000	-8.50000	-11.793	-8.9310	-0.31539	-25.588	284.27E-6	
41.00000	5.00000	-8.50000	-9.9578	-8.9310	-0.093514	-15.552	176.17E-6	
42.00000	5.00000	-8.50000	-8.5421	-8.9310	-0.038406	-10.673	121.79E-6	
43.00000	5.00000	-8.50000	-7.4046	-8.9310	-0.018969	-7.8642	90.064E-6	
44.00000	5.00000	-8.50000	-6.4654	-8.9310	-0.010562	-6.0743	69.707E-6	
45.00000	5.00000	-8.50000	-5.6746	-8.9310	-0.0064017	-4.8519	55.749E-6	
46.00000	5.00000	-8.50000	-4.9987	-8.9310	-0.0041334	-3.9740	45.701E-6	
47.00000	5.00000	-8.50000	-4.4143	-8.9310	-0.0028029	-3.3189	38.189E-6	
48.00000	5.00000	-8.50000	-3.9043	-8.9310	-0.0019762	-2.8151	32.406E-6	
49.00000	5.00000	-8.50000	-3.4558	-8.9310	-0.0014383	-2.4182	27.846E-6	
50.00000	5.00000	-8.50000	-3.0591	-8.9310	-0.0010746	-2.0993	24.180E-6	
51.00000	5.00000	-8.50000	-2.7098	-8.9310	-820.69E-6	-1.3387	21.382E-6	
52.00000	5.00000	-8.50000	-2.3914	-8.9310	-638.64E-6	-1.6228	18.698E-6	
53.00000	5.00000	-8.50000	-2.1092	-8.9310	-505.04E-6	-1.4418	16.615E-6	
54.00000	5.00000	-8.50000	-1.8556	-8.9310	-405.00E-6	-1.2884	14.849E-6	
55.00000	5.00000	-8.50000	-1.6284	-8.9310	-328.77E-6	-1.1574	13.340E-6	
56.00000	5.00000	-8.50000	-1.4209	-8.9310	-269.78E-6	-1.0444	12.039E-6	
57.00000	5.00000	-8.50000	-1.2343	-8.9310	-223.52E-6	-0.94645	10.910E-6	
58.00000	5.00000	-8.50000	-1.0674	-8.9310	-186.79E-6	-0.86090	9.9247E-6	
59.00000	5.00000	-8.50000	-0.91215	-8.9310	-157.30E-6	-0.78579	9.0592E-6	
60.00000	5.00000	-8.50000	-0.77310	-8.9310	-133.41E-6	-0.71949	8.2953E-6	
-20.00000	6.00000	-8.50000	-0.85431	-8.9310	-147.13E-6	-0.75760	8.7344E-6	
-19.00000	6.00000	-8.50000	-1.0021	-8.9310	-173.87E-6	-0.84909	9.581E-6	
-18.00000	6.00000	-8.50000	-1.1650	-8.9310	-206.87E-6	-0.91022	10.493E-6	
-17.00000	6.00000	-8.50000	-1.3447	-8.9310	-247.98E-6	-1.0027	11.559E-6	
-16.00000	6.00000	-8.50000	-1.5402	-8.9310	-299.72E-6	-1.1089	12.781E-6	
-15.00000	6.00000	-8.50000	-1.7628	-8.9310	-365.57E-6	-1.2313	14.191E-6	
-14.00000	6.00000	-8.50000	-2.0061	-8.9310	-450.49E-6	-1.3734	15.828E-6	
-13.00000	6.00000	-8.50000	-2.2762	-8.9310	-561.59E-6	-1.5397	17.742E-6	
-12.00000	6.00000	-8.50000	-2.5768	-8.9310	-699.36E-6	-1.7367	20.001E-6	
-11.00000	6.00000	-8.50000	-2.9121	-8.9310	-909.72E-6	-1.9699	22.693E-6	
-10.00000	6.00000	-8.50000	-3.2875	-8.9310	-0.0011875	-2.2517	25.934E-6	
-9.00000	6.00000	-8.50000	-3.7095	-8.9310	-0.0015827	-2.5959	29.891E-6	
-8.00000	6.00000	-8.50000	-4.1859	-8.9310	-0.0021628	-3.0230	34.797E-6	
-7.00000	6.00000	-8.50000	-4.7270	-8.9310	-0.0030467	-3.5629	40.995E-6	
-6.00000	6.00000	-8.50000	-5.3458	-8.9310	-0.0044566	-4.2616	49.006E-6	
-5.00000	6.00000	-8.50000	-6.0519	-8.9310	-0.0068733	-5.1926	59.664E-6	
-4.00000	6.00000	-8.50000	-6.8929	-8.9310	-0.011161	-6.4802	74.367E-6	
-3.00000	6.00000	-8.50000	-7.8788	-8.9310	-0.019810	-8.3509	95.648E-6	
-2.00000	6.00000	-8.50000	-9.0679	-8.9310	-0.039612	-11.260	128.52E-6	
-1.00000	6.00000	-8.50000	-10.540	-8.9310	-0.095266	-16.265	184.33E-6	
0.00000	6.00000	-8.50000	-12.436	-8.9310	-0.31792	-26.453	294.15E-6	
1.00000	6.00000	-8.50000	-15.047	-8.9310	-2.2088	-7.722	566.36E-6	
2.00000	6.00000	-8.50000	-20.031	-8.9310	-79.994	-233.04	-80.047E-6	
3.00000	6.00000	-8.50000	-25.008	-8.9310	-157.78	-410.36	-726.52E-6	
4.00000	6.00000	-8.50000	-27.600	-8.9310	-159.67	-439.61	-454.50E-6	
5.00000	6.00000	-8.50000	-29.464	-8.9310	-159.89	-449.77	-344.99E-6	
6.00000	6.00000	-8.50000	-30.893	-8.9310	-159.95	-454.74	-289.58E-6	
7.00000	6.00000	-8.50000	-32.028	-8.9310	-159.97	-457.61	-257.18E-6	
8.00000	6.00000	-8.50000	-32.950	-8.9310	-159.98	-459.43	-236.44E-6	
9.00000	6.00000	-8.50000	-33.709	-8.9310	-159.98	-460.67	-222.32E-6	
10.00000	6.00000	-8.50000	-34.341	-8.9310	-159.98	-461.55	-212.28E-6	
11.00000	6.00000	-8.50000	-34.868	-8.9310	-159.98	-462.19	-204.91E-6	
12.00000	6.00000	-8.50000	-35.308	-8.9310	-159.99	-462.67	-199.39E-6	
13.00000	6.00000	-8.50000	-35.675	-8.9310	-159.99	-463.04	-195.19E-6	
14.00000	6.00000	-8.50000	-35.977	-8.9310	-159.99	-463.32	-191.97E-6	
15.00000	6.00000	-8.50000	-36.222	-8.9310	-159.99	-463.53	-189.12E-6	
16.00000	6.00000	-8.50000	-36.416	-8.9310	-159.99	-463.69	-187.67E-6	
17.00000	6.00000	-8.50000	-36.562	-8.9310	-159.99	-463.81	-186.33E-6	
18.00000	6.00000	-8.50000	-36.664	-8.9310	-159.99	-463.89	-185.42E-6	
19.00000	6.00000	-8.50000	-36.723	-8.9310	-159.99	-463.93	-184.90E-6	
20.00000	6.00000	-8.50000	-36.741	-8.9310	-159.99	-463.94	-184.75E-6	
21.00000	6.00000	-8.50000	-36.717	-8.9310	-159.99	-463.93	-184.95E-6	
22.00000	6.00000	-8.50000	-36.652	-8.9310	-159.99	-463.88	-185.33E-6	
23.00000	6.00000	-8.50000	-36.543	-8.9310	-159.99	-463.79	-186.49E-6	
24.00000	6.00000	-8.50000	-36.389	-8.9310	-159.99	-463.67	-187.90E-6	
25.00000	6.00000	-8.50000	-36.187	-8.9310	-159.99	-463.50	-189.62E-6	
26.00000	6.00000	-8.50000	-35.933	-8.9310	-159.99	-463.28	-191.37E-6	
27.00000	6.00000	-8.50000	-35.621	-8.9310	-159.99	-462.99	-195.69E-6	
28.00000	6.00000	-8.50000	-35.243	-8.9310	-159.99	-462.62	-200.00E-6	
29.00000	6.00000	-8.50000	-34.791	-8.9310	-159.98	-462.12	-205.66E-6	
30.00000	6.00000	-8.50000	-34.251	-8.9310	-159.98	-461.47	-213.18E-6	
31.00000	6.00000	-8.50000	-33.606	-8.9310	-159.98	-460.58	-223.39E-6	
32.00000	6.00000	-8.50000	-32.832	-8.9310	-159.98	-459.32	-237.69E-6	
33.00000	6.00000	-8.50000	-31.896	-8.9310	-159.97	-457.48	-258.62E-6	
34.00000	6.00000	-8.50000	-30.747	-8.9310	-159.95	-454.60	-291.21E-6	
35.00000	6.00000	-8.50000	-29.305	-8.9310	-159.89	-449.61	-346.80E-6	
36.00000	6.00000	-8.50000	-27.429	-8.9310	-159.67	-439.44	-456.48E-6	
37.00000	6.00000	-8.50000	-24.827	-8.9310	-157.78	-410.17	-728.63E-6	
38.00000	6.00000	-8.50000	-19.842	-8.9310	-79.994	-232.85	-82.255E-6	
39.00000	6.00000	-8.50000	-14.853	-8.9310	-2.2085	-55.526	564.10E-6	
40.00000	6.00000	-8.50000	-12.240	-8.9310	-0.31766	-26.257	281.90E-6	
41.00000	6.00000	-8.50000	-10.346	-8.9310	-0.095012	-16.073	182.13E-6	
42.00000	6.00000	-8.50000	-8.8769	-8.9310	-0.039377	-11.076	126.41E-6	
43.00000	6.00000	-8.50000	-7.6917	-8.9310	-0.019600	-8.181	93.662E-6	
44.00000	6.00000	-8.50000	-6.7153	-8.9310	-0.010977	-6.3201	72.572E-6	
45.00000	6.00000	-8.50000	-5.8911	-8.9310	-0.006789	-5.0462	57.981E-6	
46.00000	6.00000	-8.50000	-5.1868	-8.9310	-0.0043226	-4.1291	47.483E-6	
47.00000	6.00000	-8.50000	-4.5781	-8.9310	-0.0029347	-3.4440	39.628E-6	
48.00000	6.00000	-8.50000	-4.0473	-8.9310	-0.0020698	-2.9170	33.578E-6	
49.00000	6.00000	-8.50000	-3.5811	-8.9310	-0.0015060	-2.5019	28.810E-6	
50.00000	6.00000	-8.50000	-3.1690	-8.9310	-0.0011246	-2.1686	24.978E-6	
51.00000	6.00000	-8.50000	-2.8031	-8.9310	-857.91E-6	-1.8966	21.848E-6	
52.00000	6.00000	-8.50000	-2.4766	-8.9310	-666.83E-6	-1.6714	19.258E-6	
53.00000	6.00000	-8.50000	-2.1945	-8.9310	-526.65E-6	-1.4829	17.088E-6	
54.00000	6.00000	-8.50000	-1.9222	-8.9310	-421.76E-6	-1.3234	15.252E-6	
55.00000	6.00000	-8.50000	-1.6861	-8.9310	-341.90E-6	-1.1873	13.684E-6	
56.00000	6.00000	-8.50000	-1.4732	-8.9310	-280.17E-6	-1.0701	12.335E-6	
57.00000	6.00000	-8.50000	-1.2808	-8.9310	-231.81E-6	-0.9863	11.166E-6	
58.00000	6.00000	-8.50000	-1.1066	-8.9310	-193.45E-6	-0.88013	10.146E-6	
59.00000	6.00000	-8.50000	-0.94889	-8.9310	-162.70E-6	-0.80252	9.2521E-6	
60.00000	6.00000	-8.50000	-0.80882	-8.9310	-137.81E-6	-0.73411	8.4637E-6	
-20.00000	7.00000	-8.50000	-0.88708	-8.9310	-152.31E-6	-0.77288	9.9105E-6	
-19.00000	7.00000	-8.50000	-1.0390	-8.9310	-180.28E-6	-0.84671	9.7612E-6	
-18.00000	7.00000	-8.50000	-1.2066	-8.9310	-214.86E-6	-0.93062	10.728E-6	
-17.00000	7.00000	-8.50000	-1.3917	-8.9310	-257.99E-6	-1.0265	11.832E-6	
-16.00000	7.00000	-8.50000	-1.5963	-8.9310	-312.35E-6	-1.1365	13.100E-6	

Short-term Heave

Name	X	Location Y	Z[Level]	Z	Calc Level	Vert Stress	Stresses Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
9.00000	7.00000	-8.50000	-34.492	-8.9310	-159.99	-461.97	-207.51E-6	
10.0000	7.00000	-8.50000	-35.144	-8.9310	-159.99	-462.87	-197.17E-6	
11.00000	7.00000	-8.50000	-35.688	-8.9310	-159.99	-463.53	-189.57E-6	
12.00000	7.00000	-8.50000	-36.142	-8.9310	-159.99	-464.03	-183.87E-6	
13.00000	7.00000	-8.50000	-36.520	-8.9310	-159.99	-464.41	-179.53E-6	
14.00000	7.00000	-8.50000	-36.832	-8.9310	-159.99	-464.70	-176.21E-6	
15.00000	7.00000	-8.50000	-37.085	-8.9310	-159.99	-464.92	-173.67E-6	
16.00000	7.00000	-8.50000	-37.285	-8.9310	-159.99	-465.08	-171.77E-6	
17.00000	7.00000	-8.50000	-37.436	-8.9310	-159.99	-465.20	-170.38E-6	
18.00000	7.00000	-8.50000	-37.542	-8.9310	-159.99	-465.29	-169.44E-6	
19.00000	7.00000	-8.50000	-37.603	-8.9310	-159.99	-465.33	-168.90E-6	
20.00000	7.00000	-8.50000	-37.621	-8.9310	-159.99	-465.35	-168.75E-6	
21.00000	7.00000	-8.50000	-37.596	-8.9310	-159.99	-465.33	-168.96E-6	
22.00000	7.00000	-8.50000	-37.529	-8.9310	-159.99	-465.28	-169.55E-6	
23.00000	7.00000	-8.50000	-37.417	-8.9310	-159.99	-465.19	-170.55E-6	
24.00000	7.00000	-8.50000	-37.258	-8.9310	-159.99	-465.06	-172.01E-6	
25.00000	7.00000	-8.50000	-37.049	-8.9310	-159.99	-464.89	-174.01E-6	
26.00000	7.00000	-8.50000	-36.786	-8.9310	-159.99	-464.66	-176.65E-6	
27.00000	7.00000	-8.50000	-36.463	-8.9310	-159.99	-464.36	-180.10E-6	
28.00000	7.00000	-8.50000	-36.072	-8.9310	-159.99	-463.97	-184.58E-6	
29.00000	7.00000	-8.50000	-35.603	-8.9310	-159.99	-463.46	-190.45E-6	
30.00000	7.00000	-8.50000	-35.044	-8.9310	-159.99	-462.78	-198.24E-6	
31.00000	7.00000	-8.50000	-34.376	-8.9310	-159.98	-461.85	-208.80E-6	
32.00000	7.00000	-8.50000	-33.576	-8.9310	-159.98	-460.56	-223.56E-6	
33.00000	7.00000	-8.50000	-32.608	-8.9310	-159.97	-458.67	-245.07E-6	
34.00000	7.00000	-8.50000	-31.423	-8.9310	-159.95	-455.72	-278.38E-6	
35.00000	7.00000	-8.50000	-29.939	-8.9310	-159.90	-450.66	-334.88E-6	
36.00000	7.00000	-8.50000	-28.017	-8.9310	-159.67	-440.39	-445.64E-6	
37.00000	7.00000	-8.50000	-25.365	-8.9310	-157.78	-411.01	-719.03E-6	
38.00000	7.00000	-8.50000	-20.128	-8.9310	-79.996	-73.918	-73.918E-6	
39.00000	7.00000	-8.50000	-15.287	-8.9310	-2.2103	-56.133	571.05E-6	
40.00000	7.00000	-8.50000	-12.624	-8.9310	-0.31896	-26.755	297.61E-6	
41.00000	7.00000	-8.50000	-10.682	-8.9310	-0.093939	-16.477	186.75E-6	
42.00000	7.00000	-8.50000	-9.1714	-8.9310	-0.040023	-11.400	130.13E-6	
43.00000	7.00000	-8.50000	-7.9506	-8.9310	-0.020046	-8.4374	96.639E-6	
44.00000	7.00000	-8.50000	-6.9393	-8.9310	-0.011286	-6.5282	74.917E-6	
45.00000	7.00000	-8.50000	-6.0865	-8.9310	-0.0069922	-5.2140	59.908E-6	
46.00000	7.00000	-8.50000	-5.3574	-8.9310	-0.0044755	-4.2652	49.047E-6	
47.00000	7.00000	-8.50000	-4.7273	-8.9310	-0.0030442	-3.5551	40.906E-6	
48.00000	7.00000	-8.50000	-4.1781	-8.9310	-0.0021494	-3.0083	34.629E-6	
49.00000	7.00000	-8.50000	-3.6959	-8.9310	-0.0015646	-2.5775	29.680E-6	
50.00000	7.00000	-8.50000	-3.2700	-8.9310	-0.0011681	-2.2316	25.703E-6	
51.00000	7.00000	-8.50000	-2.8920	-8.9310	-890.97E-6	-1.9494	22.456E-6	
52.00000	7.00000	-8.50000	-2.5552	-8.9310	-692.10E-6	-1.7159	19.771E-6	
53.00000	7.00000	-8.50000	-2.2539	-8.9310	-546.17E-6	-1.5206	17.523E-6	
54.00000	7.00000	-8.50000	-1.9836	-8.9310	-436.99E-6	-1.3556	15.622E-6	
55.00000	7.00000	-8.50000	-1.7405	-8.9310	-353.89E-6	-1.2148	14.001E-6	
56.00000	7.00000	-8.50000	-1.5214	-8.9310	-289.69E-6	-1.0938	12.608E-6	
57.00000	7.00000	-8.50000	-1.3236	-8.9310	-239.42E-6	-0.98909	11.402E-6	
58.00000	7.00000	-8.50000	-1.1448	-8.9310	-199.58E-6	-0.89787	10.351E-6	
59.00000	7.00000	-8.50000	-0.98281	-8.9310	-167.68E-6	-0.81764	9.4300E-6	
60.00000	7.00000	-8.50000	-0.83602	-8.9310	-141.87E-6	-0.74760	8.6192E-6	
-20.00000	8.00000	-8.50000	-0.91709	-8.9310	-157.20E-6	-0.78699	9.0731E-6	
-19.00000	8.00000	-8.50000	-1.0729	-8.9310	-186.36E-6	-0.94901	9.9400E-6	
-18.00000	8.00000	-8.50000	-1.2448	-8.9310	-222.45E-6	-0.94952	10.946E-6	
-17.00000	8.00000	-8.50000	-1.4349	-8.9310	-267.55E-6	-1.0485	12.086E-6	
-16.00000	8.00000	-8.50000	-1.6452	-8.9310	-324.45E-6	-1.1623	13.396E-6	
-15.00000	8.00000	-8.50000	-1.8783	-8.9310	-397.08E-6	-1.2939	14.912E-6	
-14.00000	8.00000	-8.50000	-2.1370	-8.9310	-490.91E-6	-1.4472	16.677E-6	
-13.00000	8.00000	-8.50000	-2.4247	-8.9310	-613.86E-6	-1.6270	18.748E-6	
-12.00000	8.00000	-8.50000	-2.7455	-8.9310	-777.50E-6	-1.96398	21.196E-6	
-11.00000	8.00000	-8.50000	-3.1041	-8.9310	-999.30E-6	-2.0938	24.119E-6	
-10.00000	8.00000	-8.50000	-3.5061	-8.9310	-0.0013062	-2.4004	27.646E-6	
-9.00000	8.00000	-8.50000	-3.9587	-8.9310	-0.0017414	-3.7752	31.953E-6	
-8.00000	8.00000	-8.50000	-4.4703	-8.9310	-0.0023767	-3.2399	37.292E-6	
-7.00000	8.00000	-8.50000	-5.0518	-8.9310	-0.0033370	-3.8264	44.025E-6	
-6.00000	8.00000	-8.50000	-5.7169	-8.9310	-0.0048531	-4.5827	52.698E-6	
-5.00000	8.00000	-8.50000	-6.4836	-8.9310	-0.0073815	-5.5848	64.170E-6	
-4.00000	8.00000	-8.50000	-7.3763	-8.9310	-0.011909	-6.9597	79.873E-6	
-3.00000	8.00000	-8.50000	-8.4291	-8.9310	-0.020838	-8.9363	102.37E-6	
-2.00000	8.00000	-8.50000	-9.6922	-8.9310	-0.041015	-11.972	136.69E-6	
-1.00000	8.00000	-8.50000	-11.245	-8.9310	-0.097160	-17.125	194.19E-6	
0.00000	8.00000	-8.50000	-13.227	-8.9310	-0.32043	-27.481	305.92E-6	
1.00000	8.00000	-8.50000	-15.927	-8.9310	-2.2120	-56.932	580.20E-6	
2.00000	8.00000	-8.50000	-19.001	-8.9310	-64.070E-6	-79.998	64.070E-6	
3.00000	8.00000	-8.50000	-26.065	-8.9310	-157.78	-411.94	-708.48E-6	
4.00000	8.00000	-8.50000	-28.739	-8.9310	-159.68	-441.35	-434.58E-6	
5.00000	8.00000	-8.50000	-30.678	-8.9310	-159.90	-451.66	-223.45E-6	
6.00000	8.00000	-8.50000	-32.173	-8.9310	-159.95	-456.74	-266.71E-6	
7.00000	8.00000	-8.50000	-33.366	-8.9310	-159.97	-459.70	-233.24E-6	
8.00000	8.00000	-8.50000	-34.337	-8.9310	-159.98	-461.60	-211.66E-6	
9.00000	8.00000	-8.50000	-35.139	-8.9310	-159.99	-462.90	-186.88E-6	
10.00000	8.00000	-8.50000	-35.806	-8.9310	-159.99	-463.82	-186.33E-6	
11.00000	8.00000	-8.50000	-36.364	-8.9310	-159.99	-464.49	-178.57E-6	
12.00000	8.00000	-8.50000	-36.830	-8.9310	-159.99	-465.00	-172.74E-6	
13.00000	8.00000	-8.50000	-37.217	-8.9310	-159.99	-465.39	-168.29E-6	
14.00000	8.00000	-8.50000	-37.537	-8.9310	-159.99	-465.69	-164.89E-6	
15.00000	8.00000	-8.50000	-37.797	-8.9310	-159.99	-465.91	-162.29E-6	
16.00000	8.00000	-8.50000	-38.002	-8.9310	-159.99	-466.08	-160.33E-6	
17.00000	8.00000	-8.50000	-38.157	-8.9310	-159.99	-466.21	-158.91E-6	
18.00000	8.00000	-8.50000	-38.265	-8.9310	-159.99	-466.29	-157.94E-6	
19.00000	8.00000	-8.50000	-38.328	-8.9310	-159.99	-466.34	-157.39E-6	
20.00000	8.00000	-8.50000	-38.347	-8.9310	-159.99	-466.35	-157.23E-6	
21.00000	8.00000	-8.50000	-38.322	-8.9310	-159.99	-466.33	-157.44E-6	
22.00000	8.00000	-8.50000	-38.253	-8.9310	-159.99	-466.28	-158.05E-6	
23.00000	8.00000	-8.50000	-38.138	-8.9310	-159.99	-466.19	-159.09E-6	
24.00000	8.00000	-8.50000	-37.974	-8.9310	-159.99	-466.06	-160.59E-6	
25.00000	8.00000	-8.50000	-37.760	-8.9310	-159.99	-465.88	-162.65E	

Name	X	Location	Z[Level]	Z	Calc Level	Vert Stress	Stresses
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	Sum Princ [kN/m²] Vert Strain [-]
48.00000	10.00000	-8.50000	-4.4907	-8.9310	-0.0023153	-3.2187	37.050E-6
49.00000	10.00000	-8.50000	-3.9717	-8.9310	-0.0016907	-2.7539	31.710E-6
50.00000	10.00000	-8.50000	-3.5135	-8.9310	-0.0012647	-2.3801	27.413E-6
51.00000	10.00000	-8.50000	-3.1072	-8.9310	-965.52E-6	-2.0749	23.902E-6
52.00000	10.00000	-8.50000	-2.7454	-8.9310	-750.08E-6	-1.8225	20.998E-6
53.00000	10.00000	-8.50000	-2.4223	-8.9310	-591.61E-6	-1.6114	18.568E-6
54.00000	10.00000	-8.50000	-2.1329	-8.9310	-472.84E-6	-1.4332	16.517E-6
55.00000	10.00000	-8.50000	-1.8729	-8.9310	-382.38E-6	-1.2815	14.770E-6
56.00000	10.00000	-8.50000	-1.6390	-8.9310	-312.47E-6	-1.1513	13.700E-6
57.00000	10.00000	-8.50000	-1.4281	-8.9310	-257.76E-6	-1.0388	11.974E-6
58.00000	10.00000	-8.50000	-1.2377	-8.9310	-214.43E-6	-0.94101	10.848E-6
59.00000	10.00000	-8.50000	-1.0633	-8.9310	-179.76E-6	-0.85533	9.8630E-6
60.00000	10.00000	-8.50000	-0.90963	-8.9310	-151.76E-6	-0.78043	8.9976E-6
-20.00000	11.00000	-8.50000	-0.98848	-8.9310	-169.84E-6	-0.82128	9.4682E-6
-19.00000	11.00000	-8.50000	-1.1536	-8.9310	-202.20E-6	-0.90285	10.408E-6
-18.00000	11.00000	-8.50000	-1.3362	-8.9310	-242.45E-6	-0.99601	11.481E-6
-17.00000	11.00000	-8.50000	-1.5385	-8.9310	-292.98E-6	-1.1029	12.713E-6
-16.00000	11.00000	-8.50000	-1.7628	-8.9310	-357.07E-6	-1.2264	14.135E-6
-15.00000	11.00000	-8.50000	-2.0120	-8.9310	-439.27E-6	-1.3698	15.786E-6
-14.00000	11.00000	-8.50000	-2.2892	-8.9310	-546.00E-6	-1.5374	17.716E-6
-13.00000	11.00000	-8.50000	-2.5983	-8.9310	-686.49E-6	-1.7349	19.990E-6
-12.00000	11.00000	-8.50000	-2.9436	-8.9310	-874.30E-6	-1.9694	22.689E-6
-11.00000	11.00000	-8.50000	-3.3307	-8.9310	-0.001288	-2.2505	25.922E-6
-10.00000	11.00000	-8.50000	-3.7657	-8.9310	-0.0014842	-2.5909	29.837E-6
-9.00000	11.00000	-8.50000	-4.2563	-8.9310	-0.0019873	-3.0080	34.631E-6
-8.00000	11.00000	-8.50000	-4.8119	-8.9310	-0.0027209	-3.5261	40.502E-6
-7.00000	11.00000	-8.50000	-5.4441	-8.9310	-0.0038252	-4.1801	48.088E-6
-6.00000	11.00000	-8.50000	-6.1673	-8.9310	-0.0055536	-5.0216	57.736E-6
-5.00000	11.00000	-8.50000	-7.0002	-8.9310	-0.0083951	-6.1305	70.430E-6
-4.00000	11.00000	-8.50000	-7.9671	-8.9310	-0.013379	-7.6374	87.640E-6
-3.00000	11.00000	-8.50000	-9.1014	-8.9310	-0.022948	-9.7726	111.94E-6
-2.00000	11.00000	-8.50000	-10.451	-8.9310	-0.043962	-12.989	148.32E-6
-1.00000	11.00000	-8.50000	-12.0292	-8.9310	-0.10106	-18.331	207.97E-6
0.00000	11.00000	-8.50000	-14.159	-8.9310	-0.32519	-28.861	321.68E-6
1.00000	11.00000	-8.50000	-16.936	-8.9310	-2.2173	-58.445	597.47E-6
2.00000	11.00000	-8.50000	-22.074	-8.9310	-80.003	-236.03	45.913E-6
3.00000	11.00000	-8.50000	-27.192	-8.9310	-157.79	-413.55	-689.98E-6
4.00000	11.00000	-8.50000	-29.910	-8.9310	-159.68	-442.97	-416.07E-6
5.00000	11.00000	-8.50000	-31.886	-8.9310	-159.90	-453.26	-305.03E-6
6.00000	11.00000	-8.50000	-33.414	-8.9310	-159.36	-449.34	-249.37E-6
7.00000	11.00000	-8.50000	-34.637	-8.9310	-159.98	-461.30	-214.92E-6
8.00000	11.00000	-8.50000	-35.636	-8.9310	-159.99	-463.20	-193.29E-6
9.00000	11.00000	-8.50000	-36.463	-8.9310	-159.99	-464.51	-178.42E-6
10.00000	11.00000	-8.50000	-37.154	-8.9310	-159.99	-465.44	-167.75E-6
11.00000	11.00000	-8.50000	-37.732	-8.9310	-159.99	-466.13	-159.86E-6
12.00000	11.00000	-8.50000	-38.217	-8.9310	-160.00	-466.65	-153.90E-6
13.00000	11.00000	-8.50000	-38.622	-8.9310	-160.00	-467.04	-149.33E-6
14.00000	11.00000	-8.50000	-38.956	-8.9310	-160.00	-467.35	-145.82E-6
15.00000	11.00000	-8.50000	-39.228	-8.9310	-160.00	-467.58	-143.13E-6
16.00000	11.00000	-8.50000	-39.444	-8.9310	-160.00	-467.76	-141.09E-6
17.00000	11.00000	-8.50000	-39.608	-8.9310	-160.00	-467.89	-139.60E-6
18.00000	11.00000	-8.50000	-39.722	-8.9310	-160.00	-467.98	-138.58E-6
19.00000	11.00000	-8.50000	-39.789	-8.9310	-160.00	-468.03	-137.99E-6
20.00000	11.00000	-8.50000	-39.810	-8.9310	-160.00	-468.04	-137.81E-6
21.00000	11.00000	-8.50000	-39.785	-8.9310	-160.00	-468.03	-138.03E-6
22.00000	11.00000	-8.50000	-39.713	-8.9310	-160.00	-467.97	-138.66E-6
23.00000	11.00000	-8.50000	-39.593	-8.9310	-160.00	-467.88	-139.75E-6
24.00000	11.00000	-8.50000	-39.421	-8.9310	-160.00	-467.74	-141.33E-6
25.00000	11.00000	-8.50000	-39.195	-8.9310	-160.00	-467.55	-143.51E-6
26.00000	11.00000	-8.50000	-38.909	-8.9310	-160.00	-467.30	-146.39E-6
27.00000	11.00000	-8.50000	-38.557	-8.9310	-160.00	-466.99	-150.15E-6
28.00000	11.00000	-8.50000	-38.131	-8.9310	-160.00	-466.55	-155.03E-6
29.00000	11.00000	-8.50000	-37.620	-8.9310	-159.99	-465.99	-161.42E-6
30.00000	11.00000	-8.50000	-37.011	-8.9310	-159.99	-465.25	-169.05E-6
31.00000	11.00000	-8.50000	-36.284	-8.9310	-159.99	-464.26	-181.21E-6
32.00000	11.00000	-8.50000	-35.415	-8.9310	-159.99	-462.88	-196.94E-6
33.00000	11.00000	-8.50000	-34.370	-8.9310	-159.98	-460.89	-219.63E-6
34.00000	11.00000	-8.50000	-33.097	-8.9310	-159.96	-457.82	-254.36E-6
35.00000	11.00000	-8.50000	-31.516	-8.9310	-159.90	-452.61	-312.48E-6
36.00000	11.00000	-8.50000	-29.490	-8.9310	-159.68	-442.18	-425.09E-6
37.00000	11.00000	-8.50000	-26.927	-8.9310	-157.78	-400.48E-6	-597.78E-6
38.00000	11.00000	-8.50000	-21.576	-8.9310	-79.999	-235.01	-57.551E-6
39.00000	11.00000	-8.50000	-16.421	-8.9310	-2.2127	-57.382	585.37E-6
40.00000	11.00000	-8.50000	-13.645	-8.9310	-0.32082	-27.827	309.90E-6
41.00000	11.00000	-8.50000	-11.597	-8.9310	-0.097384	-17.386	193.19E-6
42.00000	11.00000	-8.50000	-9.9862	-8.9310	-0.041125	-12.165	138.91E-6
43.00000	11.00000	-8.50000	-8.6736	-8.9310	-0.020877	-9.0771	103.99E-6
44.00000	11.00000	-8.50000	-7.5793	-8.9310	-0.011910	-6.1094	81.051E-6
45.00000	11.00000	-8.50000	-6.6520	-8.9310	-0.0073625	-5.6587	65.023E-6
46.00000	11.00000	-8.50000	-5.8567	-8.9310	-0.0048267	-4.6362	53.315E-6
47.00000	11.00000	-8.50000	-5.1680	-8.9310	-0.0033093	-3.8652	44.474E-6
48.00000	11.00000	-8.50000	-4.5670	-8.9310	-0.0023507	-3.2682	37.620E-6
49.00000	11.00000	-8.50000	-4.0393	-8.9310	-0.0017184	-2.7960	32.194E-6
50.00000	11.00000	-8.50000	-3.5734	-8.9310	-0.0012865	-2.4159	27.824E-6
51.00000	11.00000	-8.50000	-3.1603	-8.9310	-982.68E-6	-2.1054	24.253E-6
52.00000	11.00000	-8.50000	-2.7926	-8.9310	-763.66E-6	-1.8485	21.298E-6
53.00000	11.00000	-8.50000	-2.4641	-8.9310	-602.40E-6	-1.6337	18.825E-6
54.00000	11.00000	-8.50000	-2.1700	-8.9310	-481.46E-6	-1.4524	16.738E-6
55.00000	11.00000	-8.50000	-1.9058	-8.9310	-385.29E-6	-1.2890	14.960E-6
56.00000	11.00000	-8.50000	-1.6683	-8.9310	-318.05E-6	-1.1655	13.434E-6
57.00000	11.00000	-8.50000	-1.4541	-8.9310	-262.27E-6	-1.0511	12.117E-6
58.00000	11.00000	-8.50000	-1.2608	-8.9310	-218.10E-6	-0.95174	10.972E-6
59.00000	11.00000	-8.50000	-1.0861	-8.9310	-182.76E-6	-0.86488	9.9708E-6
60.00000	11.00000	-8.50000	-0.92798	-8.9310	-154.22E-6	-0.78860	9.0918E-6
-20.00000	12.00000	-8.50000	-1.00554	-8.9310	-173.25E-6	-0.82973	9.5656E-6
-19.00000	12.00000	-8.50000	-1.1728	-8.9310	-206.54E-6	-0.91275	10.522E-6
-18.00000	12.00000	-8.50000	-1.3582	-8.9310	-248.02E-6	-1.0077	11.616E-6
-17.00000	12.00000	-8.50000	-1.5635	-8.9310	-300.20E-6	-1.1168	12.872E-6
-16.00000	12.00000	-8.50000	-1.7914	-8.9310	-366.52E-6	-1.2429	14.325E-6
-15.00000	12.00000	-8.50000	-2.0446	-8.9310	-451.78E-6	-1.3895	16.013E-6
-14.00000	12.00000	-8.50000	-2.3266	-8.9310	-562.78E-6	-1.5612	17.991E-6
-13.00000	12.00000	-8.50000	-2.6412	-8.9310	-709.		

Name	X	Location	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
6.00000	14.00000	-8.50000	-34.135	-8.9310	-159.96	-459.61	-233.96E-6	
7.00000	14.00000	-8.50000	-35.312	-8.9310	-159.98	-462.29	-203.60E-6	
8.00000	14.00000	-8.50000	-36.280	-8.9310	-159.99	-464.03	-183.80E-6	
9.00000	14.00000	-8.50000	-37.088	-8.9310	-159.99	-465.24	-170.03E-6	
10.00000	14.00000	-8.50000	-37.766	-8.9310	-159.99	-466.11	-160.03E-6	
11.00000	14.00000	-8.50000	-38.337	-8.9310	-160.00	-466.76	-152.55E-6	
12.00000	14.00000	-8.50000	-38.819	-8.9310	-160.00	-467.26	-146.84E-6	
13.00000	14.00000	-8.50000	-39.223	-8.9310	-160.00	-467.64	-142.42E-6	
14.00000	14.00000	-8.50000	-39.559	-8.9310	-160.00	-467.94	-138.98E-6	
15.00000	14.00000	-8.50000	-39.835	-8.9310	-160.00	-468.18	-136.32E-6	
16.00000	14.00000	-8.50000	-40.054	-8.9310	-160.00	-468.35	-134.28E-6	
17.00000	14.00000	-8.50000	-40.222	-8.9310	-160.00	-468.48	-132.76E-6	
18.00000	14.00000	-8.50000	-40.341	-8.9310	-160.00	-468.58	-131.71E-6	
19.00000	14.00000	-8.50000	-40.412	-8.9310	-160.00	-468.63	-131.08E-6	
20.00000	14.00000	-8.50000	-40.437	-8.9310	-160.00	-468.65	-130.86E-6	
21.00000	14.00000	-8.50000	-40.416	-8.9310	-160.00	-468.63	-131.03E-6	
22.00000	14.00000	-8.50000	-40.346	-8.9310	-160.00	-468.58	-131.63E-6	
23.00000	14.00000	-8.50000	-40.228	-8.9310	-160.00	-468.49	-132.68E-6	
24.00000	14.00000	-8.50000	-40.056	-8.9310	-160.00	-468.36	-134.24E-6	
25.00000	14.00000	-8.50000	-39.829	-8.9310	-160.00	-468.17	-136.42E-6	
26.00000	14.00000	-8.50000	-39.540	-8.9310	-160.00	-467.91	-139.32E-6	
27.00000	14.00000	-8.50000	-39.182	-8.9310	-160.00	-467.58	-143.12E-6	
28.00000	14.00000	-8.50000	-38.749	-8.9310	-160.00	-467.15	-148.09E-6	
29.00000	14.00000	-8.50000	-38.227	-8.9310	-159.99	-466.58	-154.58E-6	
30.00000	14.00000	-8.50000	-37.605	-8.9310	-159.99	-465.84	-163.16E-6	
31.00000	14.00000	-8.50000	-36.862	-8.9310	-159.99	-464.83	-174.70E-6	
32.00000	14.00000	-8.50000	-35.975	-8.9310	-159.99	-463.43	-190.66E-6	
33.00000	14.00000	-8.50000	-34.908	-8.9310	-159.98	-461.41	-213.62E-6	
34.00000	14.00000	-8.50000	-33.611	-8.9310	-159.96	-458.32	-248.65E-6	
35.00000	14.00000	-8.50000	-32.005	-8.9310	-159.85	-453.08	-307.12E-6	
36.00000	14.00000	-8.50000	-29.950	-8.9310	-159.68	-442.61	-420.10E-6	
37.00000	14.00000	-8.50000	-27.158	-8.9310	-157.79	-413.03	-695.90E-6	
38.00000	14.00000	-8.50000	-23.976	-8.9310	-79.999	-235.37	-53.378E-6	
39.00000	14.00000	-8.50000	-16.789	-8.9310	-2.2130	-57.708	589.12E-6	
40.00000	14.00000	-8.50000	-13.983	-8.9310	-0.32114	-28.118	313.25E-6	
41.00000	14.00000	-8.50000	-11.904	-8.9310	-0.097654	-17.642	200.14E-6	
42.00000	14.00000	-8.50000	-9.265	-8.9310	-0.041350	-12.390	141.49E-6	
43.00000	14.00000	-8.50000	-8.9246	-8.9310	-0.021061	-9.2723	106.23E-6	
44.00000	14.00000	-8.50000	-7.8047	-8.9310	-0.012059	-7.2305	82.992E-6	
45.00000	14.00000	-8.50000	-6.8938	-8.9310	-0.0074832	-5.8039	56.691E-6	
46.00000	14.00000	-8.50000	-6.0368	-8.9310	-0.0049235	-4.7607	54.748E-6	
47.00000	14.00000	-8.50000	-5.3285	-8.9310	-0.003866	-3.9718	45.701E-6	
48.00000	14.00000	-8.50000	-4.7099	-8.9310	-0.0024123	-3.3594	38.670E-6	
49.00000	14.00000	-8.50000	-4.1463	-8.9310	-0.0017675	-2.8739	33.092E-6	
50.00000	14.00000	-8.50000	-3.6862	-8.9310	-0.0013256	-2.4826	28.592E-6	
51.00000	14.00000	-8.50000	-3.2605	-8.9310	-0.0010139	-2.1625	24.911E-6	
52.00000	14.00000	-8.50000	-2.8915	-8.9310	-0.00078648	-1.8975	21.861E-6	
53.00000	14.00000	-8.50000	-2.5431	-8.9310	-622.43E-6	-1.6758	19.310E-6	
54.00000	14.00000	-8.50000	-2.2402	-8.9310	-497.57E-6	-1.4886	17.155E-6	
55.00000	14.00000	-8.50000	-1.9683	-8.9310	-402.29E-6	-1.3252	15.319E-6	
56.00000	14.00000	-8.50000	-1.7237	-8.9310	-328.97E-6	-1.1925	13.745E-6	
57.00000	14.00000	-8.50000	-1.5035	-8.9310	-270.83E-6	-1.0746	12.386E-6	
58.00000	14.00000	-8.50000	-1.3047	-8.9310	-225.08E-6	-0.97209	11.206E-6	
59.00000	14.00000	-8.50000	-1.1252	-8.9310	-189.48E-6	-0.8962	10.175E-6	
60.00000	14.00000	-8.50000	-0.96279	-8.9310	-158.93E-6	-0.80410	9.2705E-6	
-20.00000	15.00000	-8.50000	-1.0337	-8.9310	-180.50E-6	-0.84497	9.7411E-6	
-19.00000	15.00000	-8.50000	-1.2053	-8.9310	-216.00E-6	-0.93093	10.732E-6	
-18.00000	15.00000	-8.50000	-1.3954	-8.9310	-260.50E-6	-1.0295	11.867E-6	
-17.00000	15.00000	-8.50000	-1.6064	-8.9310	-316.87E-6	-1.1432	13.177E-6	
-16.00000	15.00000	-8.50000	-1.8410	-8.9310	-389.09E-6	-1.2751	14.696E-6	
-15.00000	15.00000	-8.50000	-2.1022	-8.9310	-482.78E-6	-1.4292	16.000E-6	
-14.00000	15.00000	-8.50000	-2.3937	-8.9310	-606.08E-6	-1.6106	18.559E-6	
-13.00000	15.00000	-8.50000	-2.7197	-8.9310	-770.93E-6	-1.8259	21.036E-6	
-12.00000	15.00000	-8.50000	-3.0839	-8.9310	-995.40E-6	-2.0830	24.004E-6	
-11.00000	15.00000	-8.50000	-3.4970	-8.9310	-0.0013076	-2.3962	27.597E-6	
-10.00000	15.00000	-8.50000	-3.9618	-8.9310	-0.0017526	-2.7791	31.999E-6	
-9.00000	15.00000	-8.50000	-4.4889	-8.9310	-0.0024059	-3.2553	37.469E-6	
-8.00000	15.00000	-8.50000	-5.0897	-8.9310	-0.0033998	-3.8577	44.384E-6	
-7.00000	15.00000	-8.50000	-5.7786	-8.9310	-0.0049803	-4.6357	53.304E-6	
-6.00000	15.00000	-8.50000	-6.5738	-8.9310	-0.0076391	-5.6666	65.105E-6	
-5.00000	15.00000	-8.50000	-7.4997	-8.9310	-0.012485	-6.8129	79.999E-6	
-4.00000	15.00000	-8.50000	-8.5891	-8.9310	-0.022100	-9.1018	104.23E-6	
-3.00000	15.00000	-8.50000	-9.8884	-8.9310	-0.044393	-12.183	139.00E-6	
-2.00000	15.00000	-8.50000	-11.465	-8.9310	-0.10813	-17.314	195.99E-6	
-1.00000	15.00000	-8.50000	-13.416	-8.9310	-0.33533	-26.985	299.06E-6	
0.00000	15.00000	-8.50000	-15.852	-8.9310	-1.3456	-46.394	488.63E-6	
1.00000	15.00000	-8.50000	-18.832	-8.9310	-3.8907	-81.840	810.83E-6	
2.00000	15.00000	-8.50000	-23.619	-8.9310	-81.024	-212.62	131.73E-6	
3.00000	15.00000	-8.50000	-28.619	-8.9310	-158.04	-422.33	-597.52E-6	
4.00000	15.00000	-8.50000	-31.076	-8.9310	-159.74	-447.47	-366.39E-6	
5.00000	15.00000	-8.50000	-32.873	-8.9310	-159.92	-455.90	-275.35E-6	
6.00000	15.00000	-8.50000	-34.781	-8.9310	-159.97	-461.47	-212.93E-6	
7.00000	15.00000	-8.50000	-35.423	-8.9310	-159.98	-462.57	-200.44E-6	
8.00000	15.00000	-8.50000	-36.368	-8.9310	-159.99	-464.21	-181.79E-6	
9.00000	15.00000	-8.50000	-37.160	-8.9310	-159.99	-465.36	-168.68E-6	
10.00000	15.00000	-8.50000	-37.827	-8.9310	-159.99	-466.19	-159.07E-6	
11.00000	15.00000	-8.50000	-38.391	-8.9310	-160.00	-466.82	-151.83E-6	
12.00000	15.00000	-8.50000	-38.867	-8.9310	-160.00	-467.31	-146.27E-6	
13.00000	15.00000	-8.50000	-39.268	-8.9310	-160.00	-467.69	-141.94E-6	
14.00000	15.00000	-8.50000	-39.602	-8.9310	-160.00	-467.98	-138.56E-6	
15.00000	15.00000	-8.50000	-39.877	-8.9310	-160.00	-468.21	-135.92E-6	
16.00000	15.00000	-8.50000	-40.096	-8.9310	-160.00	-468.39	-133.89E-6	
17.00000	15.00000	-8.50000	-40.265	-8.9310	-160.00	-468.52	-132.37E-6	
18.00000	15.00000	-8.50000	-40.385	-8.9310	-160.00	-468.61	-131.30E-6	
19.00000	15.00000	-8.50000	-40.459	-8.9310	-160.00	-468.67	-130.65E-6	
20.00000	15.00000	-8.50000	-40.486	-8.9310	-160.00	-468.69	-130.39E-6	
21.00000	15.00000	-8.50000	-40.467	-8.9310	-160.00	-468.68	-130.53E-6	
22.00000	15.00000	-8.50000	-40.400	-8.9310	-160.00	-468.63	-131.05E-6	
23.00000	15.00000	-8.50000	-40.284	-8.9310	-160.00	-468.54	-132.10E-6	
24.00000	15.00000	-8.50000	-40.115	-8.9310	-160.00	-468.41	-133.64E-6	
25.00000	15.00000	-8.50000	-39.890	-8.9310	-160.00	-468.22	-135.78E-6	
26.00000	15.00000	-8.50000	-39.603	-8.9310	-160.			

Name	Location		Stresses					Vert Strain [-]
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	
45.00000	17.00000	-8.50000	-6.8717	-8.9310	-0.0074970	-5.8191	66.868E-6	
46.00000	17.00000	-8.50000	-6.0530	-8.9310	-0.0049347	-4.7739	54.900E-6	
47.00000	17.00000	-8.50000	-5.3430	-8.9310	-0.0033958	-3.9831	45.831E-6	
48.00000	17.00000	-8.50000	-4.7228	-8.9310	-0.0024197	-3.3690	38.781E-6	
49.00000	17.00000	-8.50000	-4.1778	-8.9310	-0.0017735	-2.8822	33.187E-6	
50.00000	17.00000	-8.50000	-3.6965	-8.9310	-0.0013304	-2.4896	28.673E-6	
51.00000	17.00000	-8.50000	-3.2696	-8.9310	-0.0010177	-2.1684	24.979E-6	
52.00000	17.00000	-8.50000	-2.8896	-8.9310	-791.71E-6	-1.9026	21.920E-6	
53.00000	17.00000	-8.50000	-2.5503	-8.9310	-624.89E-6	-1.6801	19.360E-6	
54.00000	17.00000	-8.50000	-2.2465	-8.9310	-499.55E-6	-1.4923	17.197E-6	
55.00000	17.00000	-8.50000	-1.9739	-8.9310	-403.89E-6	-1.3324	15.356E-6	
56.00000	17.00000	-8.50000	-1.7288	-8.9310	-329.86E-6	-1.1552	13.777E-6	
57.00000	17.00000	-8.50000	-1.5079	-8.9310	-271.87E-6	-1.0769	12.413E-6	
58.00000	17.00000	-8.50000	-1.3087	-8.9310	-225.93E-6	-0.97407	11.229E-6	
59.00000	17.00000	-8.50000	-1.1287	-8.9310	-189.17E-6	-0.88432	10.195E-6	
60.00000	17.00000	-8.50000	-0.96594	-8.9310	-159.49E-6	-0.80557	9.273E-6	
-20.00000	18.00000	-8.50000	-1.0261	-8.9310	-182.38E-6	-0.84374	9.7269E-6	
-19.00000	18.00000	-8.50000	-1.1973	-8.9310	-218.89E-6	-0.93016	10.723E-6	
-18.00000	18.00000	-8.50000	-1.3871	-8.9310	-264.92E-6	-1.0295	11.867E-6	
-17.00000	18.00000	-8.50000	-1.5980	-8.9310	-323.63E-6	-1.1443	13.190E-6	
-16.00000	18.00000	-8.50000	-1.8327	-8.9310	-399.46E-6	-1.2780	14.729E-6	
-15.00000	18.00000	-8.50000	-2.0943	-8.9310	-498.81E-6	-1.4349	16.535E-6	
-14.00000	18.00000	-8.50000	-2.3869	-8.9310	-631.09E-6	-1.6204	18.671E-6	
-13.00000	18.00000	-8.50000	-2.7148	-8.9310	-810.45E-6	-1.8420	21.220E-6	
-12.00000	18.00000	-8.50000	-3.0836	-8.9310	-0.0010589	-2.1094	24.297E-6	
-11.00000	18.00000	-8.50000	-3.4923	-8.9310	-0.0011117	-2.4364	28.057E-6	
-10.00000	18.00000	-8.50000	-3.9723	-8.9310	-0.0019276	-2.8421	32.719E-6	
-9.00000	18.00000	-8.50000	-4.5107	-8.9310	-0.0027096	-3.3543	38.601E-6	
-8.00000	18.00000	-8.50000	-5.1286	-8.9310	-0.0039487	-4.0151	46.181E-6	
-7.00000	18.00000	-8.50000	-5.8431	-8.9310	-0.0060261	-4.8910	56.213E-6	
-6.00000	18.00000	-8.50000	-6.6777	-8.9310	-0.0097769	-6.0933	69.953E-6	
-5.00000	18.00000	-8.50000	-7.6649	-8.9310	-0.017270	-7.8248	89.688E-6	
-4.00000	18.00000	-8.50000	-8.8928	-8.9310	-0.034575	-10.496	119.88E-6	
-3.00000	18.00000	-8.50000	-10.319	-8.9310	-0.084435	-15.080	171.04E-6	
-2.00000	18.00000	-8.50000	-12.202	-8.9310	-0.29284	-24.523	272.75E-6	
-1.00000	18.00000	-8.50000	-14.799	-8.9310	-2.1496	-52.561	531.94E-6	
0.00000	18.00000	-8.50000	-19.800	-8.9310	-79.876	-129.73E-6	1.00000	
1.00000	18.00000	-8.50000	-24.890	-8.9310	-157.63	-405.11	-781.83E-6	
2.00000	18.00000	-8.50000	-27.724	-8.9310	-159.55	-435.56	-497.26E-6	
3.00000	18.00000	-8.50000	-29.915	-8.9310	-159.84	-447.79	-365.90E-6	
4.00000	18.00000	-8.50000	-31.685	-8.9310	-159.93	-454.52	-291.47E-6	
5.00000	18.00000	-8.50000	-33.138	-8.9310	-159.96	-458.59	-245.71E-6	
6.00000	18.00000	-8.50000	-34.344	-8.9310	-159.98	-461.23	-215.84E-6	
7.00000	18.00000	-8.50000	-35.356	-8.9310	-159.99	-463.03	-195.32E-6	
8.00000	18.00000	-8.50000	-36.211	-8.9310	-159.99	-464.31	-180.62E-6	
9.00000	18.00000	-8.50000	-36.939	-8.9310	-159.99	-465.26	-169.74E-6	
10.00000	18.00000	-8.50000	-37.560	-8.9310	-159.99	-465.98	-161.49E-6	
11.00000	18.00000	-8.50000	-38.091	-8.9310	-160.00	-466.54	-155.10E-6	
12.00000	18.00000	-8.50000	-38.543	-8.9310	-160.00	-466.98	-150.07E-6	
13.00000	18.00000	-8.50000	-38.928	-8.9310	-160.00	-467.33	-146.09E-6	
14.00000	18.00000	-8.50000	-39.252	-8.9310	-160.00	-467.60	-142.90E-6	
15.00000	18.00000	-8.50000	-39.521	-8.9310	-160.00	-467.82	-140.35E-6	
16.00000	18.00000	-8.50000	-39.740	-8.9310	-160.00	-468.00	-138.33E-6	
17.00000	18.00000	-8.50000	-39.912	-8.9310	-160.00	-468.14	-136.75E-6	
18.00000	18.00000	-8.50000	-40.039	-8.9310	-160.00	-468.24	-135.57E-6	
19.00000	18.00000	-8.50000	-40.122	-8.9310	-160.00	-468.31	-134.75E-6	
20.00000	18.00000	-8.50000	-40.161	-8.9310	-160.00	-468.35	-134.29E-6	
21.00000	18.00000	-8.50000	-40.156	-8.9310	-160.00	-468.36	-134.20E-6	
22.00000	18.00000	-8.50000	-40.105	-8.9310	-160.00	-468.33	-134.51E-6	
23.00000	18.00000	-8.50000	-40.005	-8.9310	-160.00	-468.27	-135.26E-6	
24.00000	18.00000	-8.50000	-39.853	-8.9310	-160.00	-468.16	-136.54E-6	
25.00000	18.00000	-8.50000	-39.644	-8.9310	-160.00	-467.99	-138.43E-6	
26.00000	18.00000	-8.50000	-39.373	-8.9310	-160.00	-467.76	-141.06E-6	
27.00000	18.00000	-8.50000	-39.033	-8.9310	-160.00	-467.45	-144.62E-6	
28.00000	18.00000	-8.50000	-38.616	-8.9310	-160.00	-467.04	-149.37E-6	
29.00000	18.00000	-8.50000	-38.109	-8.9310	-159.99	-466.49	-155.67E-6	
30.00000	18.00000	-8.50000	-37.500	-8.9310	-159.99	-465.76	-164.08E-6	
31.00000	18.00000	-8.50000	-36.770	-8.9310	-159.99	-464.76	-175.48E-6	
32.00000	18.00000	-8.50000	-35.893	-8.9310	-159.99	-463.37	-191.31E-6	
33.00000	18.00000	-8.50000	-34.836	-8.9310	-159.98	-461.37	-214.17E-6	
34.00000	18.00000	-8.50000	-33.548	-8.9310	-159.96	-458.28	-249.11E-6	
35.00000	18.00000	-8.50000	-31.949	-8.9310	-159.90	-453.05	-307.51E-6	
36.00000	18.00000	-8.50000	-29.901	-8.9310	-159.68	-442.59	-420.44E-6	
37.00000	18.00000	-8.50000	-27.114	-8.9310	-157.79	-413.01	-696.19E-6	
38.00000	18.00000	-8.50000	-23.635	-8.9310	-79.999	-235.35	-1.00000	
39.00000	18.00000	-8.50000	-16.755	-8.9310	-2.2130	-57.691	588.92E-6	
40.00000	18.00000	-8.50000	-13.953	-8.9310	-0.32114	-28.103	313.07E-6	
41.00000	18.00000	-8.50000	-11.878	-8.9310	-0.097619	-17.629	199.99E-6	
42.00000	18.00000	-8.50000	-10.241	-8.9310	-0.041345	-12.378	141.36E-6	
43.00000	18.00000	-8.50000	-8.9038	-8.9310	-0.021058	-9.2626	106.12E-6	
44.00000	18.00000	-8.50000	-7.7862	-8.9310	-0.012056	-7.2221	82.895E-6	
45.00000	18.00000	-8.50000	-6.8174	-8.9310	-0.0074809	-5.7966	66.009E-6	
46.00000	18.00000	-8.50000	-6.0222	-8.9310	-0.0049216	-4.7544	54.675E-6	
47.00000	18.00000	-8.50000	-5.3155	-8.9310	-0.0033851	-3.9663	45.637E-6	
48.00000	18.00000	-8.50000	-4.6983	-8.9310	-0.0024110	-3.3545	38.614E-6	
49.00000	18.00000	-8.50000	-4.1560	-8.9310	-0.0017665	-2.8697	33.043E-6	
50.00000	18.00000	-8.50000	-3.6771	-8.9310	-0.0013247	-2.4788	28.549E-6	
51.00000	18.00000	-8.50000	-3.2523	-8.9310	-0.0010132	-2.1591	24.872E-6	
52.00000	18.00000	-8.50000	-2.8742	-8.9310	-788.01E-6	-1.8945	21.828E-6	
53.00000	18.00000	-8.50000	-2.5366	-8.9310	-621.90E-6	-1.6732	19.280E-6	
54.00000	18.00000	-8.50000	-2.2344	-8.9310	-497.12E-6	-1.4863	17.128E-6	
55.00000	18.00000	-8.50000	-1.9631	-8.9310	-401.91E-6	-1.2711	15.296E-6	
56.00000	18.00000	-8.50000	-1.7191	-8.9310	-328.25E-6	-1.1907	13.724E-6	
57.00000	18.00000	-8.50000	-1.4993	-8.9310	-270.55E-6	-1.0729	12.367E-6	
58.00000	18.00000	-8.50000	-1.3011	-8.9310	-224.84E-6	-0.97061	11.189E-6	
59.00000	18.00000	-8.50000	-1.1219	-8.9310	-189.28E-6	-0.88129	10.160E-6	
60.00000	18.00000	-8.50000	-0.95988	-8.9310	-158.75E-6	-0.80290	9.2566E-6	
-20.00000	19.00000	-8.50000	-1.0155	-8.9310	-181.63E-6	-0.83949	9.6778E-6	
-19.00000	19.00000	-8.50000	-1.1854	-8.9310	-218.12E-6	-0.92544	10.668E-6	
-18.00000	19.00000	-8.50000	-1.3739	-8.9310	-264.21E-6	-1.0243	11.807E-6	
-17.00000	19.00000	-8.50000	-1.5834	-8.93				

Name

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73-75 Avenue Road, NW8

Short-term Heave

Name	X	Location Y	Z[Level]	Z	Calc Level	Stresses Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
42.00000	24.00000	-8.50000	-9.3405	-8.9310	-0.040445	-11.618	132.63E-6	
43.00000	24.00000	-8.50000	-8.0988	-8.9310	-0.020351	-8.6146	98.672E-6	
44.00000	24.00000	-8.50000	-7.0688	-8.9310	-0.011506	-6.6716	76.564E-6	
45.00000	24.00000	-8.50000	-6.1995	-8.9310	-0.0070538	-5.3301	61.242E-6	
46.00000	24.00000	-8.50000	-5.4559	-8.9310	-0.0045904	-4.3594	50.130E-6	
47.00000	24.00000	-8.50000	-4.8132	-8.9310	-0.0031281	-3.6318	41.787E-6	
48.00000	24.00000	-8.50000	-4.2530	-8.9310	-0.0022112	-3.0710	35.349E-6	
49.00000	24.00000	-8.50000	-3.7613	-8.9310	-0.0016106	-2.6289	30.271E-6	
50.00000	24.00000	-8.50000	-3.3273	-8.9310	-0.0012026	-2.2740	26.190E-6	
51.00000	24.00000	-8.50000	-2.9422	-8.9310	-917.10E-6	-1.9844	22.860E-6	
52.00000	24.00000	-8.50000	-2.5992	-8.9310	-712.07E-6	-1.7451	20.107E-6	
53.00000	24.00000	-8.50000	-2.2926	-8.9310	-561.56E-6	-1.5450	17.803E-6	
54.00000	24.00000	-8.50000	-2.0177	-8.9310	-448.95E-6	-1.3760	15.858E-6	
55.00000	24.00000	-8.50000	-1.7706	-8.9310	-363.25E-6	-1.2320	14.200E-6	
56.00000	24.00000	-8.50000	-1.5481	-8.9310	-297.07E-6	-1.1084	12.776E-6	
57.00000	24.00000	-8.50000	-1.3472	-8.9310	-245.28E-6	-1.0014	11.544E-6	
58.00000	24.00000	-8.50000	-1.1657	-8.9310	-204.26E-6	-0.90839	10.472E-6	
59.00000	24.00000	-8.50000	-1.0014	-8.9310	-171.43E-6	-0.82695	9.5335E-6	
60.00000	24.00000	-8.50000	-0.85259	-8.9310	-144.90E-6	-0.75530	8.7080E-6	
-20.00000	25.00000	-8.50000	-0.87131	-8.9310	-161.88E-6	-0.77481	8.9324E-6	
-19.00000	25.00000	-8.50000	-1.0231	-8.9310	-193.92E-6	-0.85119	9.8125E-6	
-18.00000	25.00000	-8.50000	-1.1911	-8.9310	-234.37E-6	-0.93874	10.821E-6	
-17.00000	25.00000	-8.50000	-1.3773	-8.9310	-286.12E-6	-1.0397	11.984E-6	
-16.00000	25.00000	-8.50000	-1.5839	-8.9310	-353.24E-6	-1.1571	13.336E-6	
-15.00000	25.00000	-8.50000	-1.8137	-8.9310	-441.70E-6	-1.2946	14.919E-6	
-14.00000	25.00000	-8.50000	-2.0700	-8.9310	-560.40E-6	-1.4572	16.741E-6	
-13.00000	25.00000	-8.50000	-2.3568	-8.9310	-722.98E-6	-1.6516	19.027E-6	
-12.00000	25.00000	-8.50000	-2.6787	-8.9310	-951.02E-6	-1.8868	21.733E-6	
-11.00000	25.00000	-8.50000	-3.0417	-8.9310	-0.0012798	-2.1757	25.054E-6	
-10.00000	25.00000	-8.50000	-3.4533	-8.9310	-0.0017697	-2.5364	29.198E-6	
-9.00000	25.00000	-8.50000	-3.9228	-8.9310	-0.0025281	-2.9963	34.478E-6	
-8.00000	25.00000	-8.50000	-4.4626	-8.9310	-0.0037593	-3.5975	41.369E-6	
-7.00000	25.00000	-8.50000	-5.0891	-8.9310	-0.0058775	-4.4078	50.445E-6	
-6.00000	25.00000	-8.50000	-5.8251	-8.9310	-0.0098033	-5.5443	63.618E-6	
-5.00000	25.00000	-8.50000	-6.7033	-8.9310	-0.017878	-7.2225	82.701E-6	
-4.00000	25.00000	-8.50000	-7.7728	-8.9310	-0.036627	-9.8837	112.75E-6	
-3.00000	25.00000	-8.50000	-9.1128	-8.9310	-0.090655	-14.568	164.91E-6	
-2.00000	25.00000	-8.50000	-10.865	-8.9310	-0.31076	-24.347	270.11E-6	
-1.00000	25.00000	-8.50000	-13.324	-8.9310	-2.1980	-53.121	536.73E-6	
0.00000	25.00000	-8.50000	-18.154	-8.9310	-79.979	-115.89	215.05E-6	
1.00000	25.00000	-8.50000	-22.988	-8.9310	-157.76	-406.67	-768.34E-6	
2.00000	25.00000	-8.50000	-25.456	-8.9310	-159.65	-435.47	-501.50E-6	
3.00000	25.00000	-8.50000	-27.222	-8.9310	-159.87	-445.27	-395.96E-6	
4.00000	25.00000	-8.50000	-28.580	-8.9310	-159.92	-450.00	-343.37E-6	
5.00000	25.00000	-8.50000	-29.670	-8.9310	-159.94	-452.70	-312.83E-6	
6.00000	25.00000	-8.50000	-30.570	-8.9310	-159.95	-454.42	-293.22E-6	
7.00000	25.00000	-8.50000	-31.327	-8.9310	-159.95	-455.61	-279.71E-6	
8.00000	25.00000	-8.50000	-31.974	-8.9310	-159.95	-456.46	-269.91E-6	
9.00000	25.00000	-8.50000	-32.531	-8.9310	-159.96	-457.11	-262.48E-6	
10.00000	25.00000	-8.50000	-33.016	-8.9310	-159.96	-457.62	-256.67E-6	
11.00000	25.00000	-8.50000	-33.440	-8.9310	-159.96	-458.03	-251.98E-6	
12.00000	25.00000	-8.50000	-33.813	-8.9310	-159.96	-458.37	-248.05E-6	
13.00000	25.00000	-8.50000	-34.143	-8.9310	-159.96	-458.66	-244.67E-6	
14.00000	25.00000	-8.50000	-34.436	-8.9310	-159.96	-458.93	-241.62E-6	
15.00000	25.00000	-8.50000	-34.698	-8.9310	-159.96	-459.18	-238.71E-6	
16.00000	25.00000	-8.50000	-34.934	-8.9310	-159.96	-459.44	-235.77E-6	
17.00000	25.00000	-8.50000	-35.149	-8.9310	-159.96	-459.72	-232.98E-6	
18.00000	25.00000	-8.50000	-35.347	-8.9310	-159.96	-460.04	-228.91E-6	
19.00000	25.00000	-8.50000	-35.530	-8.9310	-159.96	-460.43	-224.51E-6	
20.00000	25.00000	-8.50000	-35.698	-8.9310	-159.97	-460.90	-219.17E-6	
21.00000	25.00000	-8.50000	-35.849	-8.9310	-159.97	-461.45	-212.94E-6	
22.00000	25.00000	-8.50000	-35.972	-8.9310	-159.97	-462.04	-206.24E-6	
23.00000	25.00000	-8.50000	-36.053	-8.9310	-159.98	-462.61	-199.91E-6	
24.00000	25.00000	-8.50000	-36.079	-8.9310	-159.98	-463.06	-194.02E-6	
25.00000	25.00000	-8.50000	-36.038	-8.9310	-159.99	-463.36	-191.46E-6	
26.00000	25.00000	-8.50000	-35.921	-8.9310	-159.99	-463.50	-189.97E-6	
27.00000	25.00000	-8.50000	-35.723	-8.9310	-159.99	-463.47	-190.30E-6	
28.00000	25.00000	-8.50000	-35.438	-8.9310	-159.99	-463.28	-192.47E-6	
29.00000	25.00000	-8.50000	-35.059	-8.9310	-159.99	-462.92	-196.61E-6	
30.00000	25.00000	-8.50000	-34.576	-8.9310	-159.99	-462.35	-203.11E-6	
31.00000	25.00000	-8.50000	-33.972	-8.9310	-159.98	-461.52	-212.68E-6	
32.00000	25.00000	-8.50000	-33.225	-8.9310	-159.98	-460.29	-226.68E-6	
33.00000	25.00000	-8.50000	-32.303	-8.9310	-159.97	-458.45	-247.60E-6	
34.00000	25.00000	-8.50000	-31.157	-8.9310	-159.95	-455.54	-280.46E-6	
35.00000	25.00000	-8.50000	-29.707	-8.9310	-159.90	-446.59	-326.59E-6	
36.00000	25.00000	-8.50000	-27.813	-8.9310	-159.67	-440.26	-447.07E-6	
37.00000	25.00000	-8.50000	-25.186	-8.9310	-157.78	-410.91	-720.22E-6	
38.00000	25.00000	-8.50000	-20.171	-8.9310	-79.996	-214.94	-1494.80E-6	
39.00000	25.00000	-8.50000	-15.149	-8.9310	-2.2103	-56.060	570.20E-6	
40.00000	25.00000	-8.50000	-12.502	-8.9310	-0.31893	-26.693	296.89E-6	
41.00000	25.00000	-8.50000	-10.574	-8.9310	-0.095917	-16.423	186.13E-6	
42.00000	25.00000	-8.50000	-9.0757	-8.9310	-0.040006	-9.3549	104.79E-6	
43.00000	25.00000	-8.50000	-7.8657	-8.9310	-0.020032	-8.3979	96.183E-6	
44.00000	25.00000	-8.50000	-6.8639	-8.9310	-0.011275	-6.4940	74.523E-6	
45.00000	25.00000	-8.50000	-6.0195	-8.9310	-0.0068888	-4.8843	56.365E-6	
46.00000	25.00000	-8.50000	-5.2978	-8.9310	-0.0044678	-4.2393	48.749E-6	
47.00000	25.00000	-8.50000	-4.6743	-8.9310	-0.0030379	-3.5325	40.645E-6	
48.00000	25.00000	-8.50000	-4.1308	-8.9310	-0.0021442	-2.9885	34.400E-6	
49.00000	25.00000	-8.50000	-3.6537	-8.9310	-0.0015603	-2.5601	29.478E-6	
50.00000	25.00000	-8.50000	-3.2324	-8.9310	-0.0011645	-2.2162	25.525E-6	
51.00000	25.00000	-8.50000	-2.8584	-8.9310	-887.95E-6	-1.9357	22.299E-6	
52.00000	25.00000	-8.50000	-2.5251	-8.9310	-689.56E-6	-1.7018	19.619E-6	
53.00000	25.00000	-8.50000	-2.2271	-8.9310	-544.03E-6	-1.5099	17.399E-6	
54.00000	25.00000	-8.50000	-1.9596	-8.9310	-435.17E-6	-1.3460	15.512E-6	
55.00000	25.00000	-8.50000	-1.7191	-8.9310	-352.34E-6	-1.2062	13.903E-6	
56.00000	25.00000	-8.50000	-1.5023	-8.9310	-288.37E-6	-1.0961	12.519E-6	
57.00000	25.00000	-8.50000	-1.3066	-8.9310	-238			

Oasys

73-75 Avenue Road, NW8

Short-term Heave

		Job No.	Sheet No.	Rev.				
		J14383						
		Drq. Ref.						
Short-term Heave		Made by MP	Date 06-Feb-2015	Checked				
Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	0.00000	28.00000	-8.50000	-14.914	-8.9310	-78.893	-207.32	-338.67E-6
	1.00000	28.00000	-8.50000	-19.004	-8.9310	-155.86	-372.86	-0.0010927
	2.00000	28.00000	-8.50000	-20.899	-8.9310	-157.55	-396.20	-881.83E-6
	3.00000	28.00000	-8.50000	-22.246	-8.9310	-157.72	-403.50	-803.61E-6
	4.00000	28.00000	-8.50000	-23.294	-8.9310	-157.76	-406.93	-765.42E-6
	5.00000	28.00000	-8.50000	-24.148	-8.9310	-157.77	-408.90	-743.17E-6
	6.00000	28.00000	-8.50000	-24.864	-8.9310	-157.78	-410.17	-728.70E-6
	7.00000	28.00000	-8.50000	-25.476	-8.9310	-157.78	-411.05	-718.56E-6
	8.00000	28.00000	-8.50000	-26.006	-8.9310	-157.78	-411.71	-711.05E-6
	9.00000	28.00000	-8.50000	-26.469	-8.9310	-157.78	-412.22	-705.24E-6
	10.00000	28.00000	-8.50000	-26.879	-8.9310	-157.78	-412.62	-700.57E-6
	11.00000	28.00000	-8.50000	-27.242	-8.9310	-157.79	-412.96	-696.66E-6
	12.00000	28.00000	-8.50000	-27.573	-8.9310	-157.79	-413.26	-693.23E-6
	13.00000	28.00000	-8.50000	-27.872	-8.9310	-157.79	-413.54	-690.06E-6
	14.00000	28.00000	-8.50000	-28.148	-8.9310	-157.79	-413.81	-686.91E-6
	15.00000	28.00000	-8.50000	-28.408	-8.9310	-157.79	-414.11	-683.77E-6
	16.00000	28.00000	-8.50000	-28.662	-8.9310	-157.79	-414.48	-679.31E-6
	17.00000	28.00000	-8.50000	-28.920	-8.9310	-157.79	-414.97	-673.68E-6
	18.00000	28.00000	-8.50000	-29.198	-8.9310	-157.80	-415.73	-665.16E-6
	19.00000	28.00000	-8.50000	-29.518	-8.9310	-157.81	-417.02	-657.76E-6
	20.00000	28.00000	-8.50000	-29.916	-8.9310	-157.86	-419.51	-623.67E-6
	21.00000	28.00000	-8.50000	-30.438	-8.9310	-158.06	-424.93	-568.13E-6
	22.00000	28.00000	-8.50000	-31.097	-8.9310	-158.87	-436.11	-467.31E-6
	23.00000	28.00000	-8.50000	-31.720	-8.9310	-159.68	-447.26	-366.81E-6
	24.00000	28.00000	-8.50000	-32.133	-8.9310	-159.89	-452.59	-312.25E-6
	25.00000	28.00000	-8.50000	-32.347	-8.9310	-159.93	-454.93	-266.05E-6
	26.00000	28.00000	-8.50000	-32.406	-8.9310	-159.95	-456.00	-274.95E-6
	27.00000	28.00000	-8.50000	-32.340	-8.9310	-159.95	-456.46	-269.87E-6
	28.00000	28.00000	-8.50000	-32.163	-8.9310	-159.95	-456.56	-268.83E-6
	29.00000	28.00000	-8.50000	-31.882	-8.9310	-159.95	-456.39	-270.74E-6
	30.00000	28.00000	-8.50000	-31.496	-8.9310	-159.95	-455.99	-275.37E-6
	31.00000	28.00000	-8.50000	-30.994	-8.9310	-159.95	-455.31	-283.09E-6
	32.00000	28.00000	-8.50000	-30.361	-8.9310	-159.95	-454.27	-294.98E-6
	33.00000	28.00000	-8.50000	-29.566	-8.9310	-159.94	-452.66	-313.31E-6
	34.00000	28.00000	-8.50000	-28.566	-8.9310	-159.92	-450.04	-342.83E-6
	35.00000	28.00000	-8.50000	-27.283	-8.9310	-159.87	-445.39	-394.62E-6
	36.00000	28.00000	-8.50000	-25.798	-8.9310	-159.65	-439.56E-6	-459.51E-6
	37.00000	28.00000	-8.50000	-23.160	-8.9310	-157.76	-406.88	-765.96E-6
	38.00000	28.00000	-8.50000	-18.365	-8.9310	-79.979	-230.12	-113.19E-6
	39.00000	28.00000	-8.50000	-13.562	-8.9310	-2.193	-51.164	-10.52E-6
	40.00000	28.00000	-8.50000	-11.122	-8.9310	-0.31111	-24.593	272.93E-6
	41.00000	28.00000	-8.50000	-9.3825	-8.9310	-0.090968	-14.808	167.67E-6
	42.00000	28.00000	-8.50000	-8.0480	-8.9310	-0.036899	-10.114	115.39E-6
	43.00000	28.00000	-8.50000	-6.9791	-8.9310	-0.018061	-7.4391	85.191E-6
	44.00000	28.00000	-8.50000	-6.0978	-8.9310	-0.009986	-5.7458	65.936E-6
	45.00000	28.00000	-8.50000	-5.3557	-8.9310	-0.0060402	-4.5938	52.784E-6
	46.00000	28.00000	-8.50000	-4.7210	-8.9310	-0.0038940	-3.7681	42.334E-6
	47.00000	28.00000	-8.50000	-4.1717	-8.9310	-0.0026396	-3.1524	36.274E-6
	48.00000	28.00000	-8.50000	-3.6916	-8.9310	-0.0018618	-2.6788	30.837E-6
	49.00000	28.00000	-8.50000	-3.2690	-8.9310	-0.0013562	-2.3054	26.548E-6
	50.00000	28.00000	-8.50000	-2.8945	-8.9310	-0.0010144	-2.0948	23.094E-6
	51.00000	28.00000	-8.50000	-2.5611	-8.9310	-775.83E-6	-1.7593	20.268E-6
	52.00000	28.00000	-8.50000	-2.2629	-8.9310	-604.62E-6	-1.5554	17.922E-6
	53.00000	28.00000	-8.50000	-1.9954	-8.9310	-478.86E-6	-1.3842	15.951E-6
	54.00000	28.00000	-8.50000	-1.7546	-8.9310	-384.60E-6	-1.2389	14.279E-6
	55.00000	28.00000	-8.50000	-1.5374	-8.9310	-312.69E-6	-1.1146	12.847E-6
	56.00000	28.00000	-8.50000	-1.3411	-8.9310	-256.98E-6	-1.0073	11.611E-6
	57.00000	28.00000	-8.50000	-1.1634	-8.9310	-213.23E-6	-0.91406	10.537E-6
	58.00000	28.00000	-8.50000	-1.0022	-8.9310	-178.45E-6	-0.83253	9.5977E-6
	59.00000	28.00000	-8.50000	-0.85592	-8.9310	-150.49E-6	-0.76083	8.7716E-6
	60.00000	28.00000	-8.50000	-0.72300	-8.9310	-127.81E-6	-0.69747	8.0148E-6
	-20.00000	29.00000	-8.50000	-0.71304	-8.9310	-136.78E-6	-0.70117	8.0838E-6
	-19.00000	29.00000	-8.50000	-0.84454	-8.9310	-162.32E-6	-0.76596	8.8304E-6
	-18.00000	29.00000	-8.50000	-0.99228	-8.9310	-194.19E-6	-0.83955	9.7610E-6
	-17.00000	29.00000	-8.50000	-1.1487	-8.9310	-234.40E-6	-0.92358	10.646E-6
	-16.00000	29.00000	-8.50000	-1.3246	-8.9310	-285.80E-6	-1.0202	11.759E-6
	-15.00000	29.00000	-8.50000	-1.5190	-8.9310	-352.46E-6	-1.1320	13.046E-6
	-14.00000	29.00000	-8.50000	-1.7140	-8.9310	-440.31E-6	-1.2624	14.548E-6
	-13.00000	29.00000	-8.50000	-1.9725	-8.9310	-558.27E-6	-1.4160	16.315E-6
	-12.00000	29.00000	-8.50000	-2.2376	-8.9310	-720.09E-6	-1.5987	18.417E-6
	-11.00000	29.00000	-8.50000	-2.5333	-8.9310	-947.73E-6	-1.8188	20.940E-6
	-10.00000	29.00000	-8.50000	-2.8642	-8.9310	-0.0012777	-2.0878	24.040E-6
	-9.00000	29.00000	-8.50000	-3.2363	-8.9310	-0.0017733	-2.4222	27.881E-6
	-8.00000	29.00000	-8.50000	-3.6570	-8.9310	-0.0025513	-2.8470	32.754E-6
	-7.00000	29.00000	-8.50000	-4.1357	-8.9310	-0.0038419	-3.4011	38.917E-6
	-6.00000	29.00000	-8.50000	-4.6852	-8.9310	-0.0061421	-4.1493	47.652E-6
	-5.00000	29.00000	-8.50000	-5.3231	-8.9310	-0.010657	-5.2076	59.705E-6
	-4.00000	29.00000	-8.50000	-6.0749	-8.9310	-0.020917	-6.8062	74.917E-6
	-3.00000	29.00000	-8.50000	-6.9804	-8.9310	-0.048987	-9.4754	107.61E-6
	-2.00000	29.00000	-8.50000	-8.1090	-8.9310	-0.16075	-14.759	164.69E-6
	-1.00000	29.00000	-8.50000	-9.6051	-8.9310	-1.1067	-29.602	303.19E-6
	0.00000	29.00000	-8.50000	-12.295	-8.9310	-40.000	-118.48	44.016E-6
	1.00000	29.00000	-8.50000	-14.985	-8.9310	-78.893	-207.37	-338.11E-6
	2.00000	29.00000	-8.50000	-16.484	-8.9310	-79.839	-222.37	-199.56E-6
	3.00000	29.00000	-8.50000	-17.616	-8.9310	-79.951	-227.51	-142.38E-6
	4.00000	29.00000	-8.50000	-18.527	-8.9310	-79.979	-230.19	-112.43E-6
	5.00000	29.00000	-8.50000	-19.285	-8.9310	-79.989	-231.80	-94.177E-6
	6.00000	29.00000	-8.50000	-19.930	-8.9310	-79.994	-232.88	-81.924E-6
	7.00000	29.00000	-8.50000	-20.488	-8.9310	-79.996	-233.35	-71.383E-6
	8.00000	29.00000	-8.50000	-20.975	-8.9310	-79.997	-234.23	-66.507E-6
	9.00000	29.00000	-8.50000	-21.405	-8.9310	-79.998	-234.68	-61.297E-6
	10.00000	29.00000	-8.50000	-21.788	-8.9310	-79.999	-235.05	-57.042E-6
	11.00000	29.00000	-8.50000	-22.131	-8.9310	-79.999	-235.37	-53.422E-6
	12.00000	29.00000	-8.50000	-22.443	-8.9310	-79.999	-235.65	-50.193E-6
	13.00000	29.00000	-8.50000	-22.729	-8.9310	-80.000	-235.91	-47.130E-6
	14.00000	29.00000	-8.50000	-22.997	-8.9310	-80.000	-236.19	-44.298E-6
	15.00000	29.00000	-8.50000	-23.254	-8.9310	-80.001	-236.50	-40.434E-6
	16.00000	29.00000	-8.50000	-23.510	-8.9310	-80.003	-236.89	-35.933E-6
	17.00000	29.00000	-8.50000	-23.779	-8.9310	-80.006	-237.46	-29.494E-6
	18.00000	29.00000	-8.50000	-24.081	-8.9310	-80.013	-238.39	-19.032E-6
	19.00000	29.00000	-8.50000	-24.453	-8.9310	-80.037	-240.16	0.0
	20.00000	29.00000	-8.50000	-24.963	-8.9310	-80.141	-244.24	44.016E-6
	21.00000	29.00000	-8.50000	-25.759	-8.9310	-81.074	-257.55	165.24E-6
	22.00000	29.00000	-8.50000	-27.685	-8.9310	-119.95	-344.64	-175.50E-6
	23.00000	29.00000	-8.50000	-29.577	-8.9310	-158.83	-431.70	-516.55E-6
	24.00000	29.00000	-8.50000	-30.771	-8.9310	-159.76	-444.93	-596.25E-6
	25.00000	29.00000	-8.50000	-30.607	-8.9310	-159.86	-448.87	-654.34E-6
	26.00000	29.00000	-8.50000	-30.732	-8.9310	-159.89	-450.44	-697.12E-6
	27.00000	29.00000	-8.50000	-30.709	-8.9310	-159.89	-451.09	-729.87E-6
	28.00000	29.00000	-8.50000	-30.567	-8.9310	-159.90	-451.28	-757.71E-6
	29.00000	29.00000	-8.50000	-30.320	-8.9310	-159.90	-451.18	-782.87E-6
	30.00000	29.00000	-8.50000	-29.968	-8.9310	-159.90	-450.84	-812.82E-6
	31.00000	29.00000	-8.50000	-29.506	-8.9310	-159.90	-449.78E-6	-839.77E-6
	32.00000	29.00000	-8.50000	-28.918				

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Stresses			
	X [m]	Y [m]			Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
39.00000	31.00000	-8.50000	-10.870	-8.9310	-1.9257	-41.842	416.03E-6	
40.0000	31.0000	-8.50000	-9.0079	-8.9310	-0.23947	-18.528	205.44E-6	
41.0000	31.0000	-8.50000	-7.6881	-8.9310	-0.066268	-11.248	127.46E-6	
42.0000	31.0000	-8.50000	-6.6642	-8.9310	-0.026536	-7.8384	89.504E-6	
43.0000	31.0000	-8.50000	-5.8312	-8.9310	-0.013072	-5.8899	67.492E-6	
44.0000	31.0000	-8.50000	-5.1332	-8.9310	-0.0073415	-4.6396	53.267E-6	
45.0000	31.0000	-8.50000	-4.5368	-8.9310	-0.0045112	-3.7744	43.385E-6	
46.0000	31.0000	-8.50000	-4.0200	-8.9310	-0.0029590	-3.1435	36.160E-6	
47.0000	31.0000	-8.50000	-3.5675	-8.9310	-0.0020392	-2.6650	30.673E-6	
48.0000	31.0000	-8.50000	-3.1678	-8.9310	-0.0014607	-2.2914	26.382E-6	
49.0000	31.0000	-8.50000	-2.8127	-8.9310	-0.0010792	-1.9926	22.948E-6	
50.0000	31.50000	-8.50000	-2.4954	-8.9310	-8.17E-6	-1.7491	20.149E-6	
51.0000	31.0000	-8.50000	-2.2108	-8.9310	-632.95E-6	-1.5476	17.830E-6	
52.0000	31.0000	-8.50000	-1.9546	-8.9310	-498.68E-6	-1.3785	15.885E-6	
53.0000	31.0000	-8.50000	-1.7233	-8.9310	-398.94E-6	-1.2352	14.236E-6	
54.0000	31.5000	-8.50000	-1.5140	-8.9310	-323.39E-6	-1.1125	12.923E-6	
55.0000	31.0000	-8.50000	-1.3243	-8.9310	-265.18E-6	-1.0066	11.603E-6	
56.0000	31.0000	-8.50000	-1.1520	-8.9310	-219.67E-6	-0.91453	10.542E-6	
57.0000	31.0000	-8.50000	-0.99527	-8.9310	-183.62E-6	-0.83592	9.6336E-6	
58.0000	31.0000	-8.50000	-0.85265	-8.9310	-154.73E-6	-0.76297	8.7961E-6	
59.0000	31.0000	-8.50000	-0.72272	-8.9310	-131.33E-6	-0.70019	8.0727E-6	
60.0000	31.5000	-8.50000	-0.60429	-8.9310	-112.20E-6	-0.64438	7.4295E-6	
-20.0000	32.0000	-8.50000	-0.57485	-8.9310	-115.19E-6	-0.63690	7.3431E-6	
-19.0000	32.0000	-8.50000	-0.68891	-8.9310	-135.20E-6	-0.69181	7.9758E-6	
-18.0000	32.0000	-8.50000	-0.81378	-8.9310	-159.78E-6	-0.75352	8.6869E-6	
-17.0000	32.0000	-8.50000	-0.95053	-8.9310	-190.24E-6	-0.82319	9.4966E-6	
-16.0000	32.0000	-8.50000	-1.1004	-8.9310	-228.38E-6	-0.90223	10.400E-6	
-15.0000	32.0000	-8.50000	-1.2646	-8.9310	-276.69E-6	-0.99239	11.438E-6	
-14.0000	32.0000	-8.50000	-1.4448	-8.9310	-338.68E-6	-1.0958	12.630E-6	
-13.0000	32.0000	-8.50000	-1.6427	-8.9310	-419.36E-6	-1.2153	14.005E-6	
-12.0000	32.0000	-8.50000	-1.8603	-8.9310	-526.08E-6	-1.3543	15.605E-6	
-11.0000	32.0000	-8.50000	-2.0998	-8.9310	-669.84E-6	-1.5174	17.481E-6	
-10.0000	32.0000	-8.50000	-2.3638	-8.9310	-867.56E-6	-1.7104	19.701E-6	
-9.0000	32.0000	-8.50000	-2.6554	-8.9310	-0.0011460	-1.9414	22.356E-6	
-8.0000	32.0000	-8.50000	-2.9778	-8.9310	-0.0015492	-2.2211	25.569E-6	
-7.0000	32.5000	-8.50000	-3.3352	-8.9310	-0.0021513	-2.5645	29.508E-6	
-6.0000	32.0000	-8.50000	-3.7319	-8.9310	-0.0030836	-2.9923	34.411E-6	
-5.0000	32.0000	-8.50000	-4.1728	-8.9310	-0.0045855	-3.5342	40.611E-6	
-4.0000	32.0000	-8.50000	-4.6630	-8.9310	-0.0071071	-4.2322	48.576E-6	
-3.0000	32.0000	-8.50000	-5.2066	-8.9310	-0.011491	-5.1427	58.927E-6	
-2.0000	32.0000	-8.50000	-5.8049	-8.9310	-0.019173	-6.3301	72.359E-6	
-1.0000	32.0000	-8.50000	-6.4520	-8.9310	-0.031815	-7.8295	89.218E-6	
0.0000	32.0000	-8.50000	-7.1296	-8.9310	-0.049044	-9.5616	108.60E-6	
1.0000	32.0000	-8.50000	-7.8976	-8.9310	-0.066274	-11.295	128.00E-6	
2.0000	32.0000	-8.50000	-8.4557	-8.9310	-0.078919	-12.797	144.89E-6	
3.0000	32.0000	-8.50000	-9.0558	-8.9310	-0.086607	-13.989	158.38E-6	
4.0000	32.0000	-8.50000	-9.6918	-8.9310	-0.091000	-14.906	169.81E-6	
5.0000	32.0000	-8.50000	-10.095	-8.9310	-0.093533	-15.613	176.88E-6	
6.0000	32.0000	-8.50000	-10.540	-8.9310	-0.095051	-16.167	183.21E-6	
7.0000	32.0000	-8.50000	-10.941	-8.9310	-0.096005	-16.610	188.28E-6	
8.0000	32.0000	-8.50000	-11.304	-8.9310	-0.096635	-16.972	192.44E-6	
9.0000	32.0000	-8.50000	-11.634	-8.9310	-0.097078	-17.276	195.93E-6	
10.0000	32.0000	-8.50000	-11.935	-8.9310	-0.097414	-17.538	198.95E-6	
11.0000	32.0000	-8.50000	-12.211	-8.9310	-0.097697	-17.774	201.65E-6	
12.0000	32.0000	-8.50000	-12.467	-8.9310	-0.097973	-17.995	204.20E-6	
13.0000	32.0000	-8.50000	-12.708	-8.9310	-0.098296	-18.217	206.74E-6	
14.0000	32.0000	-8.50000	-12.939	-8.9310	-0.098749	-18.456	209.49E-6	
15.0000	32.0000	-8.50000	-13.167	-8.9310	-0.099455	-18.741	212.75E-6	
16.0000	32.0000	-8.50000	-13.401	-8.9310	-0.10090	-19.116	217.03E-6	
17.0000	32.0000	-8.50000	-13.653	-8.9310	-0.10395	-19.670	223.32E-6	
18.0000	32.0000	-8.50000	-13.945	-8.9310	-0.108692	-20.592	233.68E-6	
19.0000	32.0000	-8.50000	-14.312	-8.9310	-0.13539	-22.355	253.20E-6	
20.0000	32.0000	-8.50000	-14.822	-8.9310	-0.23947	-26.438	296.70E-6	
21.0000	32.0000	-8.50000	-15.425	-8.9310	-1.1728	-39.752	417.98E-6	
22.0000	32.0000	-8.50000	-17.563	-8.9310	-40.049	-126.85	77.360E-6	
23.0000	32.0000	-8.50000	-19.473	-8.9310	-78.924	-213.93	-263.50E-6	
24.0000	32.0000	-8.50000	-20.191	-8.9310	-79.858	-227.18	-142.94E-6	
25.0000	32.0000	-8.50000	-20.559	-8.9310	-79.962	-231.16	-100.68E-6	
26.0000	32.0000	-8.50000	-20.724	-8.9310	-79.985	-232.76	-82.982E-6	
27.0000	32.0000	-8.50000	-20.752	-8.9310	-79.993	-233.47	-75.091E-6	
28.0000	32.0000	-8.50000	-20.673	-8.9310	-79.995	-233.74	-72.000E-6	
29.0000	32.0000	-8.50000	-20.503	-8.9310	-79.996	-233.74	-72.038E-6	
30.0000	32.0000	-8.50000	-20.247	-8.9310	-79.996	-233.55	-74.312E-6	
31.0000	32.5000	-8.50000	-19.905	-8.9310	-79.995	-233.15	-78.839E-6	
32.0000	32.0000	-8.50000	-19.469	-8.9310	-79.993	-232.52	-86.070E-6	
33.0000	32.0000	-8.50000	-18.927	-8.9310	-79.989	-231.55	-97.140E-6	
34.0000	32.0000	-8.50000	-18.256	-8.9310	-79.979	-230.01	-114.48E-6	
35.0000	32.0000	-8.50000	-17.420	-8.9310	-79.951	-227.39	-142.71E-6	
36.0000	32.0000	-8.50000	-16.350	-8.9310	-79.839	-222.15	-200.33E-6	
37.0000	32.0000	-8.50000	-14.904	-8.9310	-78.893	-207.34	-338.45E-6	
38.0000	32.0000	-8.50000	-12.258	-8.9310	-40.000	-118.49	-17.487E-6	
39.0000	32.0000	-8.50000	-9.6057	-8.9310	-1.1068	-9.603	-45E-6	
40.0000	32.0000	-8.50000	-8.1397	-8.9310	-0.16080	-14.799	-165.15E-6	
41.0000	32.0000	-8.50000	-7.70353	-8.9310	-0.049042	-9.5271	108.20E-6	
42.0000	32.0000	-8.50000	-7.1490	-8.9310	-0.020872	-6.8661	78.483E-6	
43.0000	32.0000	-8.50000	-5.4120	-8.9310	-0.010710	-5.2725	60.452E-6	
44.0000	32.0000	-8.50000	-4.7852	-8.9310	-0.0061925	-4.2169	48.431E-6	
45.0000	32.0000	-8.50000	-4.2436	-8.9310	-0.0038884	-3.4697	39.891E-6	
46.0000	32.0000	-8.50000	-3.7903	-8.9310	-0.0029395	-2.9182	33.539E-6	
47.0000	32.0000	-8.50000	-3.3528	-8.9310	-0.0018113	-2.4890	28.650E-6	
48.0000	32.0000	-8.50000	-2.9821	-8.9310	-0.0013116	-2.1525	24.786E-6	
49.0000	32.0000	-8.50000	-2.6510	-8.9310	-977.83E-6	-1.8811	21.666E-6	
50.0000	32.0000	-8.50000	-2.3541	-8.9310	-746.67E-6	-1.6582	19.102E-6	
51.0000	32.0000	-8.50000	-2.0868	-8.9310	-581.69E-6	-1.4725	16.966E-6	
52.0000	32.0000	-8.50000	-1.8454	-8.9310	-460.92E-6	-1.3159	15.164E-6	
53.0000	32.0000	-8.50000	-1.6268	-8.9310	-370.59E-6	-1.1825	13.628E-6	
54.0000	32.0000	-8.50000	-1.4287	-8.9310	-301.74E-6	-1.0678	12.307E-6	
55.0000	32.0000	-8.50000	-1.2486	-8.9310	-248.42E-6	-0.96837	11.162E-6	
56.0000	32.0000	-8.50000	-1.0847	-8.9310	-206.53E-6	-0.88163	10.163E-6	
57.0000	32.0000	-8.50000	-0.93545	-8.9310	-173.20E-6	-0.80547	9.2857E-6	
58.0000	32.0000	-8.50000	-0.79937	-8.9310	-146.38E-6	-0.73824	8.5110E-6	
59.0000	32.0000	-8.50000	-0.67523	-8.9310	-124.58E-6	-0.67859		

Name	X	Location	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
	-3.00000	35.00000	-8.50000	-3.8213	-8.9310	-0.0031017	-3.0358	34.913E-6
	-2.00000	35.00000	-8.50000	-4.1746	-8.9310	-0.0039964	-3.4196	39.310E-6
	-1.00000	35.00000	-8.50000	-4.5401	-8.9310	-0.0050512	-3.8350	44.065E-6
	0.00000	35.00000	-8.50000	-4.9121	-8.9310	-0.0062037	-4.2684	49.025E-6
	1.00000	35.00000	-8.50000	-5.2843	-8.9310	-0.0073570	-4.7025	53.992E-6
	2.00000	35.00000	-8.50000	-5.6502	-8.9310	-0.0084141	-5.1196	58.767E-6
	3.00000	35.00000	-8.50000	-6.0042	-8.9310	-0.0093127	-5.5065	63.199E-6
	4.00000	35.00000	-8.50000	-6.3422	-8.9310	-0.010035	-5.8560	67.206E-6
	5.00000	35.00000	-8.50000	-6.6638	-8.9310	-0.010597	-6.1664	70.768E-6
	6.00000	35.00000	-8.50000	-6.9617	-8.9310	-0.011027	-6.4400	73.909E-6
	7.00000	35.00000	-8.50000	-7.2419	-8.9310	-0.011357	-6.6809	76.767E-6
	8.00000	35.00000	-8.50000	-7.5029	-8.9310	-0.011615	-6.8942	79.128E-6
	9.00000	35.00000	-8.50000	-7.7460	-8.9310	-0.011823	-7.0852	81.325E-6
	10.00000	35.00000	-8.50000	-7.9725	-8.9310	-0.012000	-7.2594	83.328E-6
	11.00000	35.00000	-8.50000	-8.1844	-8.9310	-0.012166	-7.4223	85.201E-6
	12.00000	35.00000	-8.50000	-8.3836	-8.9310	-0.012337	-7.5800	87.014E-6
	13.00000	35.00000	-8.50000	-8.5725	-8.9310	-0.012540	-7.7395	88.847E-6
	14.00000	35.00000	-8.50000	-8.7539	-8.9310	-0.012810	-7.9099	90.604E-6
	15.00000	35.00000	-8.50000	-8.9311	-8.9310	-0.013209	-8.1034	93.022E-6
	16.00000	35.00000	-8.50000	-9.1079	-8.9310	-0.013851	-8.3374	95.699E-6
	17.00000	35.00000	-8.50000	-9.2890	-8.9310	-0.014949	-8.6378	99.127E-6
	18.00000	35.00000	-8.50000	-9.4795	-8.9310	-0.016925	-9.0431	103.73E-6
	19.00000	35.00000	-8.50000	-9.6848	-8.9310	-0.020592	-9.6079	110.12E-6
	20.00000	35.00000	-8.50000	-9.9084	-8.9310	-0.027371	-10.398	119.00E-6
	21.00000	35.00000	-8.50000	-10.148	-8.9310	-0.038941	-11.456	130.80E-6
	22.00000	35.00000	-8.50000	-10.399	-8.9310	-0.054990	-12.713	144.76E-6
	23.00000	35.00000	-8.50000	-10.610	-8.9310	-0.071027	-13.956	158.54E-6
	24.00000	35.00000	-8.50000	-10.783	-8.9310	-0.082560	-14.967	169.80E-6
	25.00000	35.00000	-8.50000	-10.896	-8.9310	-0.089273	-15.679	177.78E-6
	26.00000	35.00000	-8.50000	-10.945	-8.9310	-0.092819	-16.131	182.87E-6
	27.00000	35.00000	-8.50000	-10.931	-8.9310	-0.094668	-16.383	185.72E-6
	28.00000	35.00000	-8.50000	-10.859	-8.9310	-0.095557	-16.487	186.88E-6
	29.00000	35.00000	-8.50000	-10.730	-8.9310	-0.095900	-16.471	186.68E-6
	30.00000	35.00000	-8.50000	-10.546	-8.9310	-0.095865	-16.350	185.30E-6
	31.00000	35.00000	-8.50000	-10.308	-8.9310	-0.095490	-16.127	182.74E-6
	32.00000	35.00000	-8.50000	-10.013	-8.9310	-0.094702	-15.792	178.90E-6
	33.00000	35.00000	-8.50000	-9.6607	-8.9310	-0.093295	-15.323	173.53E-6
	34.00000	35.00000	-8.50000	-9.2467	-8.9310	-0.090837	-14.683	166.23E-6
	35.00000	35.00000	-8.50000	-8.7691	-8.9310	-0.086497	-13.819	156.42E-6
	36.00000	35.00000	-8.50000	-8.2380	-8.9310	-0.078847	-12.670	143.43E-6
	37.00000	35.00000	-8.50000	-7.6306	-8.9310	-0.066229	-11.202	126.94E-6
	38.00000	35.00000	-8.50000	-6.9963	-8.9310	-0.049018	-9.4973	107.86E-6
	39.00000	35.00000	-8.50000	-6.3560	-8.9310	-0.031803	-7.7877	88.736E-6
	40.00000	35.00000	-8.50000	-5.7406	-8.9310	-0.019171	-6.3064	72.085E-6
	41.00000	35.00000	-8.50000	-5.1691	-8.9310	-0.011497	-5.1333	58.818E-6
	42.00000	35.00000	-8.50000	-4.6479	-8.9310	-0.0071175	-4.2340	48.597E-6
	43.00000	35.00000	-8.50000	-4.1764	-8.9310	-0.0045987	-3.5448	40.733E-6
	44.00000	35.00000	-8.50000	-3.7509	-8.9310	-0.0030985	-3.0095	34.610E-6
	45.00000	35.00000	-8.50000	-3.3667	-8.9310	-0.0021669	-2.5866	29.764E-6
	46.00000	35.00000	-8.50000	-3.0193	-8.9310	-0.0015648	-2.2469	25.866E-6
	47.00000	35.00000	-8.50000	-2.7097	-8.9310	-0.0011613	-1.9697	22.681E-6
	48.00000	35.00000	-8.50000	-2.4191	-8.9310	-882.14E-6	-1.7402	20.044E-6
	49.00000	35.00000	-8.50000	-2.1595	-8.9310	-683.56E-6	-1.5481	17.834E-6
	50.00000	35.00000	-8.50000	-1.9231	-8.9310	-538.86E-6	-1.3853	15.962E-6
	51.00000	35.00000	-8.50000	-1.7074	-8.9310	-431.16E-6	-1.2463	14.362E-6
	52.00000	35.00000	-8.50000	-1.5105	-8.9310	-349.50E-6	-1.1264	12.982E-6
	53.00000	35.00000	-8.50000	-1.3305	-8.9310	-286.57E-6	-1.0223	11.783E-6
	54.00000	35.00000	-8.50000	-1.1658	-8.9310	-237.36E-6	-0.9332	10.735E-6
	55.00000	35.00000	-8.50000	-1.0150	-8.9310	-198.39E-6	-0.85134	9.8140E-6
	56.00000	35.00000	-8.50000	-0.87681	-8.9310	-167.16E-6	-0.78065	8.9996E-6
	57.00000	35.00000	-8.50000	-0.75018	-8.9310	-141.88E-6	-0.7186	8.2762E-6
	58.00000	35.00000	-8.50000	-0.63410	-8.9310	-121.22E-6	-0.66186	7.6309E-6
	59.00000	35.00000	-8.50000	-0.52766	-8.9310	-104.19E-6	-0.61171	7.0530E-6
	60.00000	35.00000	-8.50000	-0.43007	-8.9310	-90.048E-6	-0.56644	6.5355E-6
	-20.00000	36.00000	-8.50000	-0.38144	-8.9310	-87.263E-6	-0.54811	6.3199E-6
	-19.00000	36.00000	-8.50000	-0.47209	-8.9310	-100.61E-6	-0.59025	6.8055E-6
	-18.00000	36.00000	-8.50000	-0.57052	-8.9310	-116.54E-6	-0.63684	7.3424E-6
	-17.00000	36.00000	-8.50000	-0.67732	-8.9310	-135.67E-6	-0.69173	7.9733E-6
	-16.00000	36.00000	-8.50000	-0.79314	-8.9310	-158.79E-6	-0.74585	8.5985E-6
	-15.00000	36.00000	-8.50000	-0.91867	-8.9310	-186.92E-6	-0.80980	9.3352E-6
	-14.00000	36.00000	-8.50000	-1.0546	-8.9310	-221.37E-6	-0.88427	1.0158E-5
	-13.00000	36.00000	-8.50000	-1.2018	-8.9310	-263.88E-6	-0.96137	1.1081E-5
	-12.00000	36.00000	-8.50000	-1.3610	-8.9310	-316.71E-6	-1.0514	1.2118E-5
	-11.00000	36.00000	-8.50000	-1.5330	-8.9310	-382.85E-6	-1.1529	1.3286E-5
	-10.00000	36.00000	-8.50000	-1.7186	-8.9310	-466.24E-6	-1.2675	1.4602E-5
	-9.00000	36.00000	-8.50000	-1.9187	-8.9310	-572.06E-6	-1.3974	1.6100E-5
	-8.00000	36.00000	-8.50000	-2.1339	-8.9310	-707.06E-6	-1.5446	1.7793E-5
	-7.00000	36.00000	-8.50000	-2.3648	-8.9310	-879.85E-6	-1.7115	1.9713E-5
	-6.00000	36.00000	-8.50000	-2.6116	-8.9310	-1081.10E-6	-1.9005	2.1886E-5
	-5.00000	36.00000	-8.50000	-2.8744	-8.9310	-1301.38E-6	-2.1137	2.4335E-5
	-4.00000	36.00000	-8.50000	-3.1524	-8.9310	-1551.73E-6	-2.3524	2.7077E-5
	-3.00000	36.00000	-8.50000	-3.4444	-8.9310	-1821.71E-6	-2.6166	3.0109E-5
	-2.00000	36.00000	-8.50000	-3.7481	-8.9310	-2026.88E-6	-2.9038	3.3404E-5
	-1.00000	36.00000	-8.50000	-4.0603	-8.9310	-2032747	-3.2090	3.6305E-5
	0.00000	36.00000	-8.50000	-4.3870	-8.9310	-2039009	-3.5243	3.86320E-5
	1.00000	36.00000	-8.50000	-4.6939	-8.9310	-20445277	-3.8401	4.1442E-5
	2.00000	36.00000	-8.50000	-5.0063	-8.9310	-2051157	-4.1468	4.7660E-5
	3.00000	36.00000	-8.50000	-5.3104	-8.9310	-2056363	-4.4367	5.0398E-5
	4.00000	36.00000	-8.50000	-5.6030	-8.9310	-2060767	-4.7047	5.3098E-5
	5.00000	36.00000	-8.50000	-5.8819	-8.9310	-2064379	-4.9488	5.6385E-5
	6.00000	36.00000	-8.50000	-6.1459	-8.9310	-20667294	-5.1691	5.9396E-5
	7.00000	36.00000	-8.50000	-6.3945	-8.9310	-20679641	-5.3674	6.2061E-5
	8.00000	36.00000	-8.50000	-6.6278	-8.9310	-20671554	-5.5464	6.3735E-5
	9.00000	36.00000	-8.50000	-6.8463	-8.9310	-20673161	-5.7095	6.5610E-5
	10.00000	36.00000	-8.50000	-7.0511	-8.9310	-20674578	-5.8601	6.7343E-5
	11.00000	36.00000	-8.50000	-7.2434	-8.9310	-20675926	-6.0023	6.8779E-5

Short-term Heave

Name		Location	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
		[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
36.00000	38.00000	-8.50000	-5.3819	-8.9310	-0.0083417	-4.9768	57.123E-6	
37.00000	38.00000	-8.50000	-5.0614	-8.9310	-0.0073044	-4.5886	52.680E-6	
38.00000	38.00000	-8.50000	-4.7291	-8.9310	-0.0061662	-4.1786	47.990E-6	
39.00000	38.00000	-8.50000	-4.3918	-8.9310	-0.0050251	-3.7652	43.260E-6	
40.00000	38.00000	-8.50000	-4.0566	-8.9310	-0.0039789	-3.3665	38.697E-6	
41.00000	38.00000	-8.50000	-3.7295	-8.9310	-0.0030908	-2.9965	34.459E-6	
42.00000	38.00000	-8.50000	-3.4152	-8.9310	-0.0023788	-2.6629	30.636E-6	
43.00000	38.00000	-8.50000	-3.1165	-8.9310	-0.0018289	-2.3679	27.253E-6	
44.00000	38.00000	-8.50000	-2.8351	-8.9310	-0.0014126	-2.1102	24.294E-6	
45.00000	38.00000	-8.50000	-2.5715	-8.9310	-0.0010999	-1.8661	21.720E-6	
46.00000	38.00000	-8.50000	-2.3257	-8.9310	-864.91E-6	-1.6917	19.485E-6	
47.00000	38.00000	-8.50000	-2.0971	-8.9310	-687.30E-6	-1.5228	17.543E-6	
48.00000	38.00000	-8.50000	-1.8850	-8.9310	-551.95E-6	-1.3757	15.851E-6	
49.00000	38.00000	-8.50000	-1.6884	-8.9310	-447.78E-6	-1.2471	14.371E-6	
50.00000	38.00000	-8.50000	-1.5063	-8.9310	-366.77E-6	-1.1343	13.072E-6	
51.00000	38.00000	-8.50000	-1.3379	-8.9310	-303.13E-6	-1.0349	11.928E-6	
52.00000	38.00000	-8.50000	-1.1821	-8.9310	-252.62E-6	-0.94702	10.916E-6	
53.00000	38.00000	-8.50000	-1.0382	-8.9310	-212.15E-6	-0.86898	10.017E-6	
54.00000	38.00000	-8.50000	-0.90512	-8.9310	-179.42E-6	-0.79942	9.2357E-6	
55.00000	38.00000	-8.50000	-0.78225	-8.9310	-152.74E-6	-0.73720	8.4895E-6	
56.00000	38.00000	-8.50000	-0.66879	-8.9310	-130.80E-6	-0.68137	7.8556E-6	
57.00000	38.00000	-8.50000	-0.56408	-8.9310	-112.64E-6	-0.63110	7.2763E-6	
58.00000	38.00000	-8.50000	-0.46748	-8.9310	-97.501E-6	-0.58571	6.7532E-6	
59.00000	38.00000	-8.50000	-0.37841	-8.9310	-84.797E-6	-0.54460	6.2795E-6	
60.00000	38.00000	-8.50000	-0.29632	-8.9310	-74.075E-6	-0.50728	5.8493E-6	
61.00000	38.00000	-8.50000	-0.22055	-8.9310	-69.090E-6	-0.48415	5.5062E-6	
62.00000	38.00000	-8.50000	-0.15396	-8.9310	-78.529E-6	-0.51794	5.9721E-6	
63.00000	38.00000	-8.50000	-0.09425	-8.9310	-89.548E-6	-0.55482	6.3972E-6	
64.00000	38.00000	-8.50000	-0.48078	-8.9310	-102.45E-6	-0.59513	6.8617E-6	
65.00000	38.00000	-8.50000	-0.57192	-8.9310	-117.63E-6	-0.63924	7.3697E-6	
66.00000	38.00000	-8.50000	-0.67404	-8.9310	-135.52E-6	-0.68756	7.9269E-6	
67.00000	38.00000	-8.50000	-0.78151	-8.9310	-156.69E-6	-0.74057	8.5376E-6	
68.00000	38.00000	-8.50000	-0.89670	-8.9310	-181.80E-6	-0.79874	9.2078E-6	
69.00000	38.00000	-8.50000	-1.0199	-8.9310	-211.67E-6	-0.86262	9.9437E-6	
70.00000	38.00000	-8.50000	-1.1515	-8.9310	-247.25E-6	-0.93279	10.752E-6	
71.00000	38.00000	-8.50000	-1.2917	-8.9310	-289.68E-6	-1.0098	11.639E-6	
72.00000	38.00000	-8.50000	-1.4406	-8.9310	-340.24E-6	-1.0943	12.612E-6	
73.00000	38.00000	-8.50000	-1.5984	-8.9310	-400.36E-6	-1.1868	13.676E-6	
74.00000	38.00000	-8.50000	-1.7650	-8.9310	-471.52E-6	-1.2876	14.838E-6	
75.00000	38.00000	-8.50000	-1.9401	-8.9310	-555.15E-6	-1.3972	16.099E-6	
76.00000	38.00000	-8.50000	-2.1232	-8.9310	-652.39E-6	-1.5156	17.461E-6	
77.00000	38.00000	-8.50000	-2.3136	-8.9310	-763.78E-6	-1.6423	18.919E-6	
78.00000	38.00000	-8.50000	-2.5104	-8.9310	-888.98E-6	-1.7767	20.465E-6	
79.00000	38.00000	-8.50000	-2.7122	-8.9310	-1031.02E-6	-1.9176	22.086E-6	
80.00000	38.00000	-8.50000	-2.9176	-8.9310	-1201.73E-6	-2.0632	23.760E-6	
81.00000	38.00000	-8.50000	-3.1247	-8.9310	-1401.32E-6	-2.2114	25.464E-6	
82.00000	38.00000	-8.50000	-3.3318	-8.9310	-1621.47E-6	-2.3599	27.120E-6	
83.00000	38.00000	-8.50000	-3.5369	-8.9310	-1861.25E-6	-2.5064	28.857E-6	
84.00000	38.00000	-8.50000	-3.7385	-8.9310	-2121.66E-6	-2.6489	30.496E-6	
85.00000	38.00000	-8.50000	-3.9350	-8.9310	-2402.69E-6	-2.7856	32.069E-6	
86.00000	38.00000	-8.50000	-4.1251	-8.9310	-2704.34E-6	-2.9166	33.564E-6	
87.00000	38.00000	-8.50000	-4.3079	-8.9310	-3026.61E-6	-3.0382	34.975E-6	
88.00000	38.00000	-8.50000	-4.4827	-8.9310	-3370.50E-6	-3.1535	36.301E-6	
89.00000	38.00000	-8.50000	-4.6492	-8.9310	-3737.02E-6	-3.2617	37.547E-6	
90.00000	38.00000	-8.50000	-4.8071	-8.9310	-4127.26E-6	-3.3635	38.719E-6	
91.00000	38.00000	-8.50000	-4.9566	-8.9310	-4541.33E-6	-3.4601	39.831E-6	
92.00000	38.00000	-8.50000	-5.0980	-8.9310	-5000.00E-6	-3.5527	40.896E-6	
93.00000	38.00000	-8.50000	-5.2315	-8.9310	-5494.27E-6	-3.6427	41.926E-6	
94.00000	38.00000	-8.50000	-5.3577	-8.9310	-6026.60E-6	-3.7320	42.959E-6	
95.00000	38.00000	-8.50000	-5.4770	-8.9310	-6600.00E-6	-3.8225	44.000E-6	
96.00000	38.00000	-8.50000	-5.5900	-8.9310	-7216.27E-6	-3.9163	45.049E-6	
97.00000	38.00000	-8.50000	-5.6972	-8.9310	-7876.66E-6	-4.0158	46.221E-6	
98.00000	38.00000	-8.50000	-5.7988	-8.9310	-8582.11E-6	-4.1230	47.451E-6	
99.00000	38.00000	-8.50000	-5.8947	-8.9310	-9333.45E-6	-4.2366	48.734E-6	
100.00000	38.00000	-8.50000	-5.9843	-8.9310	-10141.66E-6	-4.3661	50.023E-6	
101.00000	38.00000	-8.50000	-6.0665	-8.9310	-11007.73E-6	-4.5012	51.381E-6	
102.00000	38.00000	-8.50000	-6.1393	-8.9310	-11942.66E-6	-4.6411	52.818E-6	
103.00000	38.00000	-8.50000	-6.2002	-8.9310	-12946.45E-6	-4.7869	54.338E-6	
104.00000	38.00000	-8.50000	-6.2460	-8.9310	-14020.00E-6	-4.9391	56.040E-6	
105.00000	38.00000	-8.50000	-6.2738	-8.9310	-15164.33E-6	-5.0211	57.719E-6	
106.00000	38.00000	-8.50000	-6.2897	-8.9310	-16379.55E-6	-5.1091	59.382E-6	
107.00000	38.00000	-8.50000	-6.2647	-8.9310	-17665.66E-6	-5.1686	59.399E-6	
108.00000	38.00000	-8.50000	-6.2241	-8.9310	-19022.66E-6	-5.1970	59.721E-6	
109.00000	38.00000	-8.50000	-6.1580	-8.9310	-20460.66E-6	-5.1935	59.677E-6	
110.00000	38.00000	-8.50000	-6.0660	-8.9310	-22000.00E-6	-5.1578	59.360E-6	
111.00000	38.00000	-8.50000	-5.9479	-8.9310	-23650.00E-6	-5.0900	58.482E-6	
112.00000	38.00000	-8.50000	-5.8041	-8.9310	-25420.00E-6	-4.9897	57.329E-6	
113.00000	38.00000	-8.50000	-5.6350	-8.9310	-27310.00E-6	-4.8569	55.902E-6	
114.00000	38.00000	-8.50000	-5.4415	-8.9310	-29320.00E-6	-4.6910	53.897E-6	
115.00000	38.00000	-8.50000	-5.2252	-8.9310	-31450.00E-6	-4.4924	51.617E-6	
116.00000	38.00000	-8.50000	-4.9880	-8.9310	-33810.00E-6	-4.2624	48.978E-6	
117.00000	38.00000	-8.50000	-4.7329	-8.9310	-36400.00E-6	-4.0044	46.019E-6	
118.00000	38.00000	-8.50000	-4.4637	-8.9310	-39230.00E-6	-3.7245	42.810E-6	
119.00000	38.00000	-8.50000	-4.1850	-8.9310	-42310.00E-6	-3.4311	39.447E-6	
120.00000	38.00000	-8.50000	-3.9018	-8.9310	-45650.00E-6	-3.1347	35.940E-6	
121.00000	38.00000	-8.50000	-3.6190	-8.9310	-49260.00E-6	-2.8454	32.732E-6	
122.00000	38.00000	-8.50000	-3.3410	-8.9310	-53140.00E-6	-2.5715	29.590E-6	
123.00000	38.00000	-8.50000	-3.0713	-8.9310	-57290.00E-6	-2.3185	26.686E-6	
124.00000	38.00000	-8.50000	-2.8127	-8.9310	-61720.00E-6	-2.0821	24.041E-6	
125.00000	38.00000	-8.50000	-2.5666	-8.9310	-66430.00E-6	-1.8835	21.690E-6	
126.00000	38.00000	-8.50000	-2.3341	-8.9310	-71430.00E-6	-1.7009	19.590E-6	
127.00000	38.00000	-8.50000	-2.1155	-8.9310	-76730.00E-6	-1.5322	17.731E-6	
128.00000	38.00000	-8.50000	-1.9106	-8.9310	-82340.00E-6	-1.3962	16.087E-6	
129.00000	38.00000	-8.50000	-1.7193	-8.9310	-88260.00E-6	-1.2699	14.633E-6	
130.00000	38.00000	-8.50000	-1.5409	-8.9310	-94490.00E-6	-1.1580	13.345E-6	
131.00000	38.00000	-8.50000	-1.3749	-8.9310	-101040.00E-6	-1.0587	12.202E-6	
132.00000	38.00000	-8.50000	-1.2206	-8.9310	-107910.00E-6	-0.97037	11.185E-6	
133.00000	38.00000	-8.50000	-1.0773	-8.9310	-115120.00E-6	-0.89158	10.277E-6	
134.00000	38.00000	-8.50000	-0.94433	-8.9310	-122680.00E-6	-0.82109	9.4653E-6	
135.00000	38.00000	-8.50000	-0.82108	-8.9310	-130600.00E-6	-0.75785	8.7367E-6	
136.00000	38.00000	-8.50000	-0.70691	-8.9310	-138880.00E-6	-0.70094	8.0811E-6	
137.00000	38.00000	-8.50000	-0.60121	-8.9310	-147520.00E-6	-0.64960	7.5000E-6	
138.00000	38.00000	-8.50000	-0.50343	-8.9310	-156520.00E-6	-0.60316	6.9943E-6	
139.00000	38.00000	-8.50000	-0.41302	-8.9310	-165880.00E-6	-0.56104	6.4689E-6	
140.00000	38.00000	-8.50000	-0.32949	-8.9310	-175600.00E-6	-0.52274	6.0275E-6	
141.00000	38.00000	-8.50000	-0.25237	-8.9310	-185680.00E-6	-0.48786	5.6254E-6	
142.00000	40.00000	-8.50000	-0.19406	-8.9310	-196120.00E-6	-0.46384	5.3486E-6	
143.00000	40.00000	-8.50000	-0.16345	-8.9310	-206920.00E-6	-0.49515	5.7095E-6	
144.00000	40.00000	-8.50000	-0.13817	-8.9310	-218080.00E-6	-0.52939	6.1018E-6	
145.00000	40.00000	-8.50000	-0.11853	-8.9310	-229600.00E-6	-0.56622	6.5286E-6	
146.00000	40.00000	-8.50000	-0.10482	-8.9310	-241480.00E-6	-0.60655	6.9	

Name	Location	Stresses	
X	Y	Z[Level]	Z
[m]	[m]	[mOD]	[mm]
</			

Oasys

73-75 Avenue Road, NW8

Short-term Heave

Name	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
33.00000	45.00000	-8.50000	-2.5622	-8.9310	-776.82E-6	-1.7578	20.250E-6
34.00000	45.00000	-8.50000	-2.4676	-8.9310	-742.71E-6	-1.7034	19.624E-6
35.00000	45.00000	-8.50000	-2.3663	-8.9310	-703.83E-6	-1.6440	18.941E-6
36.00000	45.00000	-8.50000	-2.2592	-8.9310	-660.97E-6	-1.5803	18.207E-6
37.00000	45.00000	-8.50000	-2.1472	-8.9310	-615.09E-6	-1.5132	17.435E-6
38.00000	45.00000	-8.50000	-2.0315	-8.9310	-567.29E-6	-1.4436	16.634E-6
39.00000	45.00000	-8.50000	-1.9131	-8.9310	-518.74E-6	-1.3726	15.816E-6
40.00000	45.00000	-8.50000	-1.7932	-8.9310	-470.58E-6	-1.3010	14.992E-6
41.00000	45.00000	-8.50000	-1.6728	-8.9310	-423.86E-6	-1.2299	14.173E-6
42.00000	45.00000	-8.50000	-1.5530	-8.9310	-379.43E-6	-1.1600	13.368E-6
43.00000	45.00000	-8.50000	-1.4346	-8.9310	-337.93E-6	-1.0920	12.585E-6
44.00000	45.00000	-8.50000	-1.3184	-8.9310	-299.75E-6	-1.0265	11.831E-6
45.00000	45.00000	-8.50000	-1.2050	-8.9310	-265.09E-6	-0.96388	11.110E-6
46.00000	45.00000	-8.50000	-1.0951	-8.9310	-233.97E-6	-0.90439	10.425E-6
47.00000	45.00000	-8.50000	-0.98898	-8.9310	-206.25E-6	-0.84818	9.7773E-6
48.00000	45.00000	-8.50000	-0.88701	-8.9310	-181.73E-6	-0.79531	9.1638E-6
49.00000	45.00000	-8.50000	-0.78941	-8.9310	-160.16E-6	-0.74575	8.5972E-6
50.00000	45.00000	-8.50000	-0.69631	-8.9310	-141.24E-6	-0.69941	8.0633E-6
51.00000	45.00000	-8.50000	-0.60779	-8.9310	-124.68E-6	-0.65617	7.5652E-6
52.00000	45.00000	-8.50000	-0.52387	-8.9310	-110.22E-6	-0.61589	7.1010E-6
53.00000	45.00000	-8.50000	-0.44449	-8.9310	-97.591E-6	-0.57841	6.6690E-6
54.00000	45.00000	-8.50000	-0.36960	-8.9310	-86.561E-6	-0.54354	6.2671E-6
55.00000	45.00000	-8.50000	-0.29910	-8.9310	-76.922E-6	-0.51112	5.8935E-6
56.00000	45.00000	-8.50000	-0.23286	-8.9310	-68.490E-6	-0.48097	5.5460E-6
57.00000	45.00000	-8.50000	-0.17074	-8.9310	-61.104E-6	-0.45294	5.2229E-6
58.00000	45.00000	-8.50000	-0.11260	-8.9310	-54.623E-6	-0.42687	4.9244E-6
59.00000	45.00000	-8.50000	-0.058272	-8.9310	-48.929E-6	-0.40262	4.6428E-6
60.00000	45.00000	-8.50000	-0.0076026	-8.9310	-43.915E-6	-0.38004	4.3825E-6
-20.00000	46.00000	-8.50000	0.050127	-8.9310	-38.651E-6	-0.35587	4.1040E-6
-19.00000	46.00000	-8.50000	0.0061499	-8.9310	-42.640E-6	-0.37547	4.3299E-6
-18.00000	46.00000	-8.50000	0.040748	-8.9310	-47.085E-6	-0.39632	4.5702E-6
-17.00000	46.00000	-8.50000	-0.050650	-8.9310	-52.037E-6	-0.41848	4.8257E-6
-16.00000	46.00000	-8.50000	-0.143263	-8.9310	-57.353E-6	-0.44202	4.6907E-6
-15.00000	46.00000	-8.50000	-0.19974	-8.9310	-63.692E-6	-0.46701	5.3851E-6
-14.00000	46.00000	-8.50000	-0.25904	-8.9310	-70.515E-6	-0.49351	5.6905E-6
-13.00000	46.00000	-8.50000	-0.32153	-8.9310	-78.088E-6	-0.52157	6.0140E-6
-12.00000	46.00000	-8.50000	-0.38721	-8.9310	-86.472E-6	-0.55125	6.3561E-6
-11.00000	46.00000	-8.50000	-0.45606	-8.9310	-95.729E-6	-0.58257	6.7171E-6
-10.00000	46.00000	-8.50000	-0.52801	-8.9310	-105.92E-6	-0.61555	7.0971E-6
-9.00000	46.00000	-8.50000	-0.60296	-8.9310	-117.07E-6	-0.65018	7.5018E-6
-8.00000	46.00000	-8.50000	-0.68077	-8.9310	-129.24E-6	-0.68644	7.9141E-6
-7.00000	46.00000	-8.50000	-0.76125	-8.9310	-142.42E-6	-0.72426	8.3500E-6
-6.00000	46.00000	-8.50000	-0.84420	-8.9310	-156.61E-6	-0.76357	8.8029E-6
-5.00000	46.00000	-8.50000	-0.92932	-8.9310	-171.76E-6	-0.80422	9.2714E-6
-4.00000	46.00000	-8.50000	-1.0163	-8.9310	-187.80E-6	-0.84608	9.7537E-6
-3.00000	46.00000	-8.50000	-1.1048	-8.9310	-204.63E-6	-0.88993	10.247E-6
-2.00000	46.00000	-8.50000	-1.1944	-8.9310	-222.12E-6	-0.93557	10.750E-6
-1.00000	46.00000	-8.50000	-1.2847	-8.9310	-240.10E-6	-0.97674	11.259E-6
0.00000	46.00000	-8.50000	-1.3753	-8.9310	-258.41E-6	-1.0212	11.771E-6
1.00000	46.00000	-8.50000	-1.4656	-8.9310	-276.84E-6	-1.0656	12.283E-6
2.00000	46.00000	-8.50000	-1.5552	-8.9310	-295.23E-6	-1.1098	12.792E-6
3.00000	46.00000	-8.50000	-1.6438	-8.9310	-313.42E-6	-1.1534	13.295E-6
4.00000	46.00000	-8.50000	-1.7307	-8.9310	-331.26E-6	-1.1963	13.789E-6
5.00000	46.00000	-8.50000	-1.8157	-8.9310	-348.65E-6	-1.2382	14.271E-6
6.00000	46.00000	-8.50000	-1.8982	-8.9310	-365.55E-6	-1.2789	14.741E-6
7.00000	46.00000	-8.50000	-1.9781	-8.9310	-381.92E-6	-1.3184	15.196E-6
8.00000	46.00000	-8.50000	-2.0549	-8.9310	-397.81E-6	-1.3565	15.635E-6
9.00000	46.00000	-8.50000	-2.1284	-8.9310	-413.23E-6	-1.3931	16.057E-6
10.00000	46.00000	-8.50000	-2.1983	-8.9310	-428.45E-6	-1.4283	16.462E-6
11.00000	46.00000	-8.50000	-2.2644	-8.9310	-443.44E-6	-1.4620	16.849E-6
12.00000	46.00000	-8.50000	-2.3265	-8.9310	-458.39E-6	-1.4941	17.220E-6
13.00000	46.00000	-8.50000	-2.3844	-8.9310	-473.49E-6	-1.5248	17.573E-6
14.00000	46.00000	-8.50000	-2.4378	-8.9310	-488.87E-6	-1.5540	17.909E-6
15.00000	46.00000	-8.50000	-2.4867	-8.9310	-504.66E-6	-1.5816	18.228E-6
16.00000	46.00000	-8.50000	-2.5306	-8.9310	-520.95E-6	-1.6077	18.528E-6
17.00000	46.00000	-8.50000	-2.5695	-8.9310	-537.74E-6	-1.6321	18.808E-6
18.00000	46.00000	-8.50000	-2.6030	-8.9310	-554.98E-6	-1.6546	19.068E-6
19.00000	46.00000	-8.50000	-2.6318	-8.9310	-572.46E-6	-1.6750	19.310E-6
20.00000	46.00000	-8.50000	-2.6526	-8.9310	-589.90E-6	-1.6931	19.531E-6
21.00000	46.00000	-8.50000	-2.6680	-8.9310	-606.88E-6	-1.7084	19.687E-6
22.00000	46.00000	-8.50000	-2.6767	-8.9310	-622.91E-6	-1.7206	19.827E-6
23.00000	46.00000	-8.50000	-2.6782	-8.9310	-637.44E-6	-1.7292	19.926E-6
24.00000	46.00000	-8.50000	-2.6723	-8.9310	-649.88E-6	-1.7339	19.979E-6
25.00000	46.00000	-8.50000	-2.6586	-8.9310	-659.67E-6	-1.7341	19.982E-6
26.00000	46.00000	-8.50000	-2.6370	-8.9310	-666.32E-6	-1.7296	19.930E-6
27.00000	46.00000	-8.50000	-2.6071	-8.9310	-669.41E-6	-1.7201	19.819E-6
28.00000	46.00000	-8.50000	-2.5690	-8.9310	-668.62E-6	-1.7053	19.648E-6
29.00000	46.00000	-8.50000	-2.5227	-8.9310	-663.71E-6	-1.6851	19.418E-6
30.00000	46.00000	-8.50000	-2.4683	-8.9310	-654.57E-6	-1.6594	19.120E-6
31.00000	46.00000	-8.50000	-2.4059	-8.9310	-641.16E-6	-1.6284	18.763E-6
32.00000	46.00000	-8.50000	-2.3361	-8.9310	-623.55E-6	-1.5922	18.346E-6
33.00000	46.00000	-8.50000	-2.2592	-8.9310	-601.92E-6	-1.5511	17.873E-6
34.00000	46.00000	-8.50000	-2.1758	-8.9310	-576.58E-6	-1.5056	17.348E-6
35.00000	46.00000	-8.50000	-2.0866	-8.9310	-547.94E-6	-1.4559	16.776E-6
36.00000	46.00000	-8.50000	-1.9924	-8.9310	-516.54E-6	-1.4029	16.166E-6
37.00000	46.00000	-8.50000	-1.8940	-8.9310	-483.03E-6	-1.3471	15.523E-6
38.00000	46.00000	-8.50000	-1.7922	-8.9310	-448.15E-6	-1.2892	14.856E-6
39.00000	46.00000	-8.50000	-1.6881	-8.9310	-412.66E-6	-1.2300	14.175E-6
40.00000	46.00000	-8.50000	-1.5825	-8.9310	-377.30E-6	-1.1703	13.487E-6
41.00000	46.00000	-8.50000	-1.4762	-8.9310	-342.78E-6	-1.1107	12.801E-6
42.00000	46.00000	-8.50000	-1.3702	-8.9310	-309.67E-6	-1.0519	12.124E-6
43.00000	46.00000	-8.50000	-1.2652	-8.9310	-278.42E-6	-0.9945	11.461E-6
44.00000	46.00000	-8.50000	-1.1619	-8.9310	-249.34E-6	-0.93858	10.819E-6
45.00000	46.00000	-8.50000	-1.0607	-8.9310	-222.62E-6	-0.88491	10.200E-6
46.00000	46.00000	-8.50000	-0.96236	-8.9310	-198.32E-6	-0.83359	9.6092E-6
47.00000	46.00000	-8.50000	-0.86710	-8.9310	-176.40E-6	-0.78477	9.0468E-6
48.00000	46.00000	-8.50000	-0.77528	-8.9310	-156.78E-6	-0.73854	8.5143E-6
49.00000	46.00000	-8.50000	-0.68711	-8.9310	-139.29E-6	-0.69493	8.0117E-6
50.00000	46.00000	-8.50000	-0.60277	-8.9310			

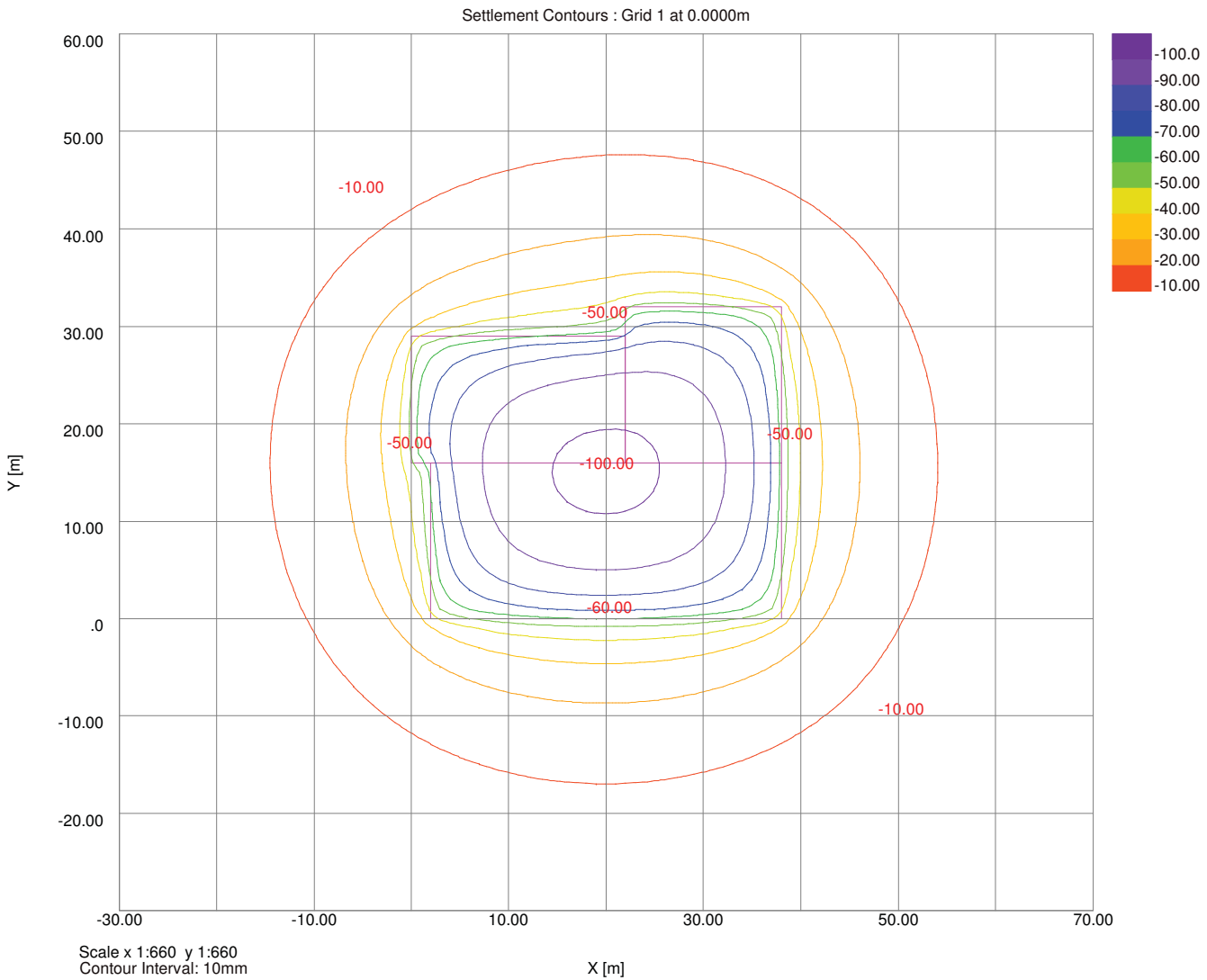


73-75 Avenue Road, NW8

Short-term Heave

Name	X	Location	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
-9.00000	49.00000	-8.50000	-0.34687	-8.9310	-78.999E-6	-0.53191	6.1332E-6	
-8.00000	49.00000	-8.50000	-0.40465	-8.9310	-85.895E-6	-0.55759	6.4292E-6	
-7.00000	49.00000	-8.50000	-0.46414	-8.9310	-93.233E-6	-0.58411	6.7349E-6	
-6.00000	49.00000	-8.50000	-0.52517	-8.9310	-101.00E-6	-0.61141	7.0495E-6	
-5.00000	49.00000	-8.50000	-0.58756	-8.9310	-109.17E-6	-0.63939	7.3721E-6	
-4.00000	49.00000	-8.50000	-0.65108	-8.9310	-117.70E-6	-0.66798	7.7016E-6	
-3.00000	49.00000	-8.50000	-0.71549	-8.9310	-126.56E-6	-0.69704	8.0365E-6	
-2.00000	49.00000	-8.50000	-0.78052	-8.9310	-135.68E-6	-0.72646	8.3756E-6	
-1.00000	49.00000	-8.50000	-0.84591	-8.9310	-145.01E-6	-0.75610	8.7128E-6	
0.00000	49.00000	-8.50000	-0.91137	-8.9310	-154.47E-6	-0.78583	9.0598E-6	
1.00000	49.00000	-8.50000	-0.97659	-8.9310	-164.01E-6	-0.81548	9.4015E-6	
2.00000	49.00000	-8.50000	-1.0413	-8.9310	-173.55E-6	-0.84493	9.7409E-6	
3.00000	49.00000	-8.50000	-1.1051	-8.9310	-183.04E-6	-0.87402	10.076E-6	
4.00000	49.00000	-8.50000	-1.1679	-8.9310	-192.42E-6	-0.90262	10.406E-6	
5.00000	49.00000	-8.50000	-1.2292	-8.9310	-201.66E-6	-0.93062	10.728E-6	
6.00000	49.00000	-8.50000	-1.2888	-8.9310	-210.71E-6	-0.95789	11.043E-6	
7.00000	49.00000	-8.50000	-1.3465	-8.9310	-219.56E-6	-0.98434	11.348E-6	
8.00000	49.00000	-8.50000	-1.4020	-8.9310	-228.21E-6	-1.0099	11.642E-6	
9.00000	49.00000	-8.50000	-1.4551	-8.9310	-236.66E-6	-1.0344	11.925E-6	
10.00000	49.00000	-8.50000	-1.5055	-8.9310	-244.92E-6	-1.0579	12.196E-6	
11.00000	49.00000	-8.50000	-1.5531	-8.9310	-253.03E-6	-1.0803	12.454E-6	
12.00000	49.00000	-8.50000	-1.5977	-8.9310	-260.99E-6	-1.1016	12.698E-6	
13.00000	49.00000	-8.50000	-1.6390	-8.9310	-268.85E-6	-1.1216	12.929E-6	
14.00000	49.00000	-8.50000	-1.6769	-8.9310	-276.61E-6	-1.1403	13.145E-6	
15.00000	49.00000	-8.50000	-1.7112	-8.9310	-284.29E-6	-1.1577	13.346E-6	
16.00000	49.00000	-8.50000	-1.7418	-8.9310	-291.86E-6	-1.1737	13.530E-6	
17.00000	49.00000	-8.50000	-1.7684	-8.9310	-299.31E-6	-1.1883	13.697E-6	
18.00000	49.00000	-8.50000	-1.7908	-8.9310	-306.58E-6	-1.2011	13.845E-6	
19.00000	49.00000	-8.50000	-1.8088	-8.9310	-313.58E-6	-1.2123	13.974E-6	
20.00000	49.00000	-8.50000	-1.8223	-8.9310	-320.20E-6	-1.2216	14.081E-6	
21.00000	49.00000	-8.50000	-1.8311	-8.9310	-326.31E-6	-1.2288	14.164E-6	
22.00000	49.00000	-8.50000	-1.8349	-8.9310	-331.75E-6	-1.2338	14.221E-6	
23.00000	49.00000	-8.50000	-1.8336	-8.9310	-336.33E-6	-1.2364	14.252E-6	
24.00000	49.00000	-8.50000	-1.8270	-8.9310	-339.95E-6	-1.2365	14.252E-6	
25.00000	49.00000	-8.50000	-1.8150	-8.9310	-342.37E-6	-1.2339	14.222E-6	
26.00000	49.00000	-8.50000	-1.7976	-8.9310	-343.47E-6	-1.2285	14.160E-6	
27.00000	49.00000	-8.50000	-1.7746	-8.9310	-343.11E-6	-1.2201	14.063E-6	
28.00000	49.00000	-8.50000	-1.7462	-8.9310	-341.19E-6	-1.2088	13.932E-6	
29.00000	49.00000	-8.50000	-1.7123	-8.9310	-337.64E-6	-1.1944	13.767E-6	
30.00000	49.00000	-8.50000	-1.6731	-8.9310	-332.44E-6	-1.1770	13.567E-6	
31.00000	49.00000	-8.50000	-1.6287	-8.9310	-325.58E-6	-1.1567	13.333E-6	
32.00000	49.00000	-8.50000	-1.5795	-8.9310	-317.10E-6	-1.1336	13.066E-6	
33.00000	49.00000	-8.50000	-1.5257	-8.9310	-307.09E-6	-1.1079	12.769E-6	
34.00000	49.00000	-8.50000	-1.4677	-8.9310	-295.68E-6	-1.0796	12.444E-6	
35.00000	49.00000	-8.50000	-1.4059	-8.9310	-283.03E-6	-1.0492	12.094E-6	
36.00000	49.00000	-8.50000	-1.3407	-8.9310	-269.33E-6	-1.0169	11.721E-6	
37.00000	49.00000	-8.50000	-1.2727	-8.9310	-254.80E-6	-0.98298	11.331E-6	
38.00000	49.00000	-8.50000	-1.2024	-8.9310	-239.70E-6	-0.94782	10.926E-6	
39.00000	49.00000	-8.50000	-1.1303	-8.9310	-224.25E-6	-0.91175	10.510E-6	
40.00000	49.00000	-8.50000	-1.0570	-8.9310	-208.72E-6	-0.87512	10.088E-6	
41.00000	49.00000	-8.50000	-0.98291	-8.9310	-193.24E-6	-0.83827	9.6634E-6	
42.00000	49.00000	-8.50000	-0.90862	-8.9310	-178.31E-6	-0.80152	9.2399E-6	
43.00000	49.00000	-8.50000	-0.83458	-8.9310	-163.80E-6	-0.76514	8.8208E-6	
44.00000	49.00000	-8.50000	-0.76123	-8.9310	-149.95E-6	-0.72938	8.4088E-6	
45.00000	49.00000	-8.50000	-0.68897	-8.9310	-136.90E-6	-0.69446	8.0064E-6	
46.00000	49.00000	-8.50000	-0.61813	-8.9310	-124.67E-6	-0.66055	7.6156E-6	
47.00000	49.00000	-8.50000	-0.54902	-8.9310	-113.31E-6	-0.62778	7.2380E-6	
48.00000	49.00000	-8.50000	-0.48190	-8.9310	-102.84E-6	-0.59625	6.8747E-6	
49.00000	49.00000	-8.50000	-0.41695	-8.9310	-93.231E-6	-0.56604	6.5264E-6	
50.00000	49.00000	-8.50000	-0.35436	-8.9310	-84.463E-6	-0.53717	6.1937E-6	
51.00000	49.00000	-8.50000	-0.29424	-8.9310	-76.490E-6	-0.50967	5.8768E-6	
52.00000	49.00000	-8.50000	-0.23669	-8.9310	-69.264E-6	-0.48353	5.5754E-6	
53.00000	49.00000	-8.50000	-0.18175	-8.9310	-62.730E-6	-0.45872	5.2896E-6	
54.00000	49.00000	-8.50000	-0.12947	-8.9310	-56.832E-6	-0.43523	5.0188E-6	
55.00000	49.00000	-8.50000	-0.079841	-8.9310	-51.517E-6	-0.41301	4.7626E-6	
56.00000	49.00000	-8.50000	-0.032854	-8.9310	-46.731E-6	-0.39201	4.5206E-6	
57.00000	49.00000	-8.50000	0.011523	-8.9310	-42.422E-6	-0.37218	4.2920E-6	
58.00000	49.00000	-8.50000	0.053335	-8.9310	-38.546E-6	-0.35347	4.0762E-6	
59.00000	49.00000	-8.50000	0.092639	-8.9310	-35.057E-6	-0.33582	3.8727E-6	
60.00000	49.00000	-8.50000	0.12950	-8.9310	-31.916E-6	-0.31918	3.6808E-6	
-20.00000	50.00000	-8.50000	0.18074	-8.9310	-27.693E-6	-0.29768	3.4331E-6	
-19.00000	50.00000	-8.50000	0.14930	-8.9310	-30.140E-6	-0.31204	3.5986E-6	
-18.00000	50.00000	-8.50000	0.11592	-8.9310	-32.811E-6	-0.32714	3.7726E-6	
-17.00000	50.00000	-8.50000	0.080562	-8.9310	-35.725E-6	-0.34299	3.9554E-6	
-16.00000	50.00000	-8.50000	0.043216	-8.9310	-38.900E-6	-0.35963	4.1472E-6	
-15.00000	50.00000	-8.50000	0.0038718	-8.9310	-42.355E-6	-0.37706	4.3483E-6	
-14.00000	50.00000	-8.50000	-0.037468	-8.9310	-46.105E-6	-0.39532	4.5587E-6	
-13.00000	50.00000	-8.50000	-0.080785	-8.9310	-50.169E-6	-0.41439	4.7786E-6	
-12.00000	50.00000	-8.50000	-0.12604	-8.9310	-54.560E-6	-0.43428	5.0079E-6	
-11.00000	50.00000	-8.50000	-0.17319	-8.9310	-59.290E-6	-0.45500	5.2467E-6	
-10.00000	50.00000	-8.50000	-0.22217	-8.9310	-64.367E-6	-0.47651	5.4947E-6	
-9.00000	50.00000	-8.50000	-0.27287	-8.9310	-69.796E-6	-0.49880	5.7516E-6	
-8.00000	50.00000	-8.50000	-0.32519	-8.9310	-75.575E-6	-0.52182	6.0170E-6	
-7.00000	50.00000	-8.50000	-0.37900	-8.9310	-81.697E-6	-0.54554	6.2904E-6	
-6.00000	50.00000	-8.50000	-0.43414	-8.9310	-88.148E-6	-0.56989	6.5711E-6	
-5.00000	50.00000	-8.50000	-0.49044	-8.9310	-94.906E-6	-0.59479	6.8581E-6	
-4.00000	50.00000	-8.50000	-0.54771	-8.9310	-101.94E-6	-0.62017	7.1506E-6	
-3.00000	50.00000	-8.50000	-0.60573	-8.9310	-109.22E-6	-0.64593	7.4475E-6	
-2.00000	50.00000	-8.50000	-0.66427	-8.9310	-116.71E-6	-0.67195	7.7474E-6	
-1.00000	50.00000	-8.50000	-0.72308	-8.9310	-124.35E-6	-0.69814	8.0493E-6	
0.00000	50.00000	-8.50000	-0.78193	-8.9310	-132.09E-6	-0.72436	8.3515E-6	
1.00000	50.00000	-8.50000	-0.84054	-8.9310	-139.90E-6	-0.75051	8.6529E-6	
2.00000	50.00000	-8.50000	-0.89866	-8.9310	-147.71E-6	-0.77646	8.9519E-6	
3.00000	50.00000	-8.50000	-0.95601	-8.9310	-155.48E-6	-0.80208	9.2473E-6	
4.00000	50.00000	-8.50000	-1.0124	-8.9310	-163.18E-6	-0.82728	9.5376E-6	
5.00000	50.00000	-8.50000	-1.0674	-8.9310	-170.77E-6	-0.85193	9.8218E-6	
6.00000	50.00000	-8.50000	-1.1210	-8.9310	-178.22E-6	-0.87594	10.099E-6	
7.00000	50.00000	-8.50000	-1.1728	-8.9310	-185.51E-6	-0.89923	10.367E-6	

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



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J14383		
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Made by	Date	Checked
MP	09-Feb-2015	

Analysis Options

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

Soil ProfilesSoil Profile 1

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

Soil Zones

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

Load Data

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

Displacement Data

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

RESULTS FOR GRIDS

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Horizontal rigid boundary level: -80.00 [m OD]
The maximum displacement difference between Boussinesq method (-92.810mm) and Mindlin method (-65.483mm) occurs at point X=29.000m Y=22.000m Level 0.0mOD and is 27.328mm

Name	X	Location Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[-]
Load 1	20.00000	8.00000	-8.50000	-96.543	-8.9310	-159.99	-373.08	-0.0045134
Load 2	11.00000	22.50000	-8.50000	-90.601	-8.9310	-159.99	-370.94	-0.0045296
Load 3	30.00000	24.00000	-8.50000	-88.724	-8.9310	-159.99	-370.67	-0.0045317
Grid 1	-20.00000	-20.00000	0.00000	-2.4419	-0.50000	0.0	0.0	0.0
	-19.00000	-20.00000	0.00000	-2.3659	-0.50000	0.0	0.0	0.0
	-18.00000	-20.00000	0.00000	-2.6948	-0.50000	0.0	0.0	0.0
	-17.00000	-20.00000	0.00000	-2.8287	-0.50000	0.0	0.0	0.0
	-16.00000	-20.00000	0.00000	-2.9676	-0.50000	0.0	0.0	0.0
	-15.00000	-20.00000	0.00000	-3.1114	-0.50000	0.0	0.0	0.0
	-14.00000	-20.00000	0.00000	-3.2602	-0.50000	0.0	0.0	0.0
	-13.00000	-20.00000	0.00000	-3.4137	-0.50000	0.0	0.0	0.0
	-12.00000	-20.00000	0.00000	-3.5721	-0.50000	0.0	0.0	0.0
	-11.00000	-20.00000	0.00000	-3.7349	-0.50000	0.0	0.0	0.0
	-10.00000	-20.00000	0.00000	-3.9022	-0.50000	0.0	0.0	0.0
	-9.00000	-20.00000	0.00000	-4.0735	-0.50000	0.0	0.0	0.0
	-8.00000	-20.00000	0.00000	-4.2485	-0.50000	0.0	0.0	0.0
	-7.00000	-20.00000	0.00000	-4.4269	-0.50000	0.0	0.0	0.0
	-6.00000	-20.00000	0.00000	-4.6082	-0.50000	0.0	0.0	0.0
	-5.00000	-20.00000	0.00000	-4.7919	-0.50000	0.0	0.0	0.0
	-4.00000	-20.00000	0.00000	-4.9774	-0.50000	0.0	0.0	0.0
	-3.00000	-20.00000	0.00000	-5.1640	-0.50000	0.0	0.0	0.0
	-2.00000	-20.00000	0.00000	-5.3510	-0.50000	0.0	0.0	0.0
	-1.00000	-20.00000	0.00000	-5.5377	-0.50000	0.0	0.0	0.0
	0.00000	-20.00000	0.00000	-5.7232	-0.50000	0.0	0.0	0.0
	1.00000	-20.00000	0.00000	-5.9066	-0.50000	0.0	0.0	0.0
	2.00000	-20.00000	0.00000	-6.0882	-0.50000	0.0	0.0	0.0
	3.00000	-20.00000	0.00000	-6.2639	-0.50000	0.0	0.0	0.0
	4.00000	-20.00000	0.00000	-6.4359	-0.50000	0.0	0.0	0.0
	5.00000	-20.00000	0.00000	-6.6023	-0.50000	0.0	0.0	0.0
	6.00000	-20.00000	0.00000	-6.7621	-0.50000	0.0	0.0	0.0
	7.00000	-20.00000	0.00000	-6.9146	-0.50000	0.0	0.0	0.0
	8.00000	-20.00000	0.00000	-7.0590	-0.50000	0.0	0.0	0.0
	9.00000	-20.00000	0.00000	-7.1944	-0.50000	0.0	0.0	0.0
	10.00000	-20.00000	0.00000	-7.3203	-0.50000	0.0	0.0	0.0
	11.00000	-20.00000	0.00000	-7.4359	-0.50000	0.0	0.0	0.0
	12.00000	-20.00000	0.00000	-7.5407	-0.50000	0.0	0.0	0.0
	13.00000	-20.00000	0.00000	-7.6343	-0.50000	0.0	0.0	0.0
	14.00000	-20.00000	0.00000	-7.7160	-0.50000	0.0	0.0	0.0
	15.00000	-20.00000	0.00000	-7.7857	-0.50000	0.0	0.0	0.0
	16.00000	-20.00000	0.00000	-7.8429	-0.50000	0.0	0.0	0.0
	17.00000	-20.00000	0.00000	-7.8875	-0.50000	0.0	0.0	0.0
	18.00000	-20.00000	0.00000	-7.9192	-0.50000	0.0	0.0	0.0
	19.00000	-20.00000	0.00000	-7.9378	-0.50000	0.0	0.0	0.0
	20.00000	-20.00000	0.00000	-7.9434	-0.50000	0.0	0.0	0.0
	21.00000	-20.00000	0.00000	-7.9359	-0.50000	0.0	0.0	0.0
	22.00000	-20.00000	0.00000	-7.9153	-0.50000	0.0	0.0	0.0
	23.00000	-20.00000	0.00000	-7.8816	-0.50000	0.0	0.0	0.0
	24.00000	-20.00000	0.00000	-7.8352	-0.50000	0.0	0.0	0.0
	25.00000	-20.00000	0.00000	-7.7761	-0.50000	0.0	0.0	0.0
	26.00000	-20.00000	0.00000	-7.7045	-0.50000	0.0	0.0	0.0
	27.00000	-20.00000	0.00000	-7.6210	-0.50000	0.0	0.0	0.0
	28.00000	-20.00000	0.00000	-7.5257	-0.50000	0.0	0.0	0.0
	29.00000	-20.00000	0.00000	-7.4191	-0.50000	0.0	0.0	0.0
	30.00000	-20.00000	0.00000	-7.3019	-0.50000	0.0	0.0	0.0
	31.00000	-20.00000	0.00000	-7.1744	-0.50000	0.0	0.0	0.0
	32.00000	-20.00000	0.00000	-7.0375	-0.50000	0.0	0.0	0.0
	33.00000	-20.00000	0.00000	-6.8917	-0.50000	0.0	0.0	0.0
	34.00000	-20.00000	0.00000	-6.7379	-0.50000	0.0	0.0	0.0
	35.00000	-20.00000	0.00000	-6.5768	-0.50000	0.0	0.0	0.0
	36.00000	-20.00000	0.00000	-6.4093	-0.50000	0.0	0.0	0.0
	37.00000	-20.00000	0.00000	-6.2363	-0.50000	0.0	0.0	0.0
	38.00000	-20.00000	0.00000	-6.0586	-0.50000	0.0	0.0	0.0
	39.00000	-20.00000	0.00000	-5.8773	-0.50000	0.0	0.0	0.0
	40.00000	-20.00000	0.00000	-5.6931	-0.50000	0.0	0.0	0.0
	41.00000	-20.00000	0.00000	-5.5070	-0.50000	0.0	0.0	0.0
	42.00000	-20.00000	0.00000	-5.3198	-0.50000	0.0	0.0	0.0
	43.00000	-20.00000	0.00000	-5.1324	-0.50000	0.0	0.0	0.0
	44.00000	-20.00000	0.00000	-4.9455	-0.50000	0.0	0.0	0.0
	45.00000	-20.00000	0.00000	-4.7599	-0.50000	0.0	0.0	0.0
	46.00000	-20.00000	0.00000	-4.5761	-0.50000	0.0	0.0	0.0
	47.00000	-20.00000	0.00000	-4.3948	-0.50000	0.0	0.0	0.0
	48.00000	-20.00000	0.00000	-4.2165	-0.50000	0.0	0.0	0.0
	49.00000	-20.00000	0.00000	-4.0417	-0.50000	0.0	0.0	0.0
	50.00000	-20.00000	0.00000	-3.8707	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	51.00000	-20.00000	0.00000	-3.7038	-0.50000	0.0	0.0	0.0
	52.00000	-20.00000	0.00000	-3.5413	-0.50000	0.0	0.0	0.0
	53.00000	-20.00000	0.00000	-3.3835	-0.50000	0.0	0.0	0.0
	54.00000	-20.00000	0.00000	-3.2305	-0.50000	0.0	0.0	0.0
	55.00000	-20.00000	0.00000	-3.0823	-0.50000	0.0	0.0	0.0
	56.00000	-20.00000	0.00000	-2.9391	-0.50000	0.0	0.0	0.0
	57.00000	-20.00000	0.00000	-2.8009	-0.50000	0.0	0.0	0.0
	58.00000	-20.00000	0.00000	-2.6678	-0.50000	0.0	0.0	0.0
	59.00000	-20.00000	0.00000	-2.5396	-0.50000	0.0	0.0	0.0
	60.00000	-20.00000	0.00000	-2.4163	-0.50000	0.0	0.0	0.0
	-20.00000	-19.00000	0.00000	-2.5572	-0.50000	0.0	0.0	0.0
	-19.00000	-19.00000	0.00000	-2.6892	-0.50000	0.0	0.0	0.0
	-18.00000	-19.00000	0.00000	-2.8266	-0.50000	0.0	0.0	0.0
	-17.00000	-19.00000	0.00000	-2.9698	-0.50000	0.0	0.0	0.0
	-16.00000	-19.00000	0.00000	-3.1184	-0.50000	0.0	0.0	0.0
	-15.00000	-19.00000	0.00000	-3.2725	-0.50000	0.0	0.0	0.0
	-14.00000	-19.00000	0.00000	-3.4322	-0.50000	0.0	0.0	0.0
	-13.00000	-19.00000	0.00000	-3.5974	-0.50000	0.0	0.0	0.0
	-12.00000	-19.00000	0.00000	-3.7680	-0.50000	0.0	0.0	0.0
	-11.00000	-19.00000	0.00000	-3.9438	-0.50000	0.0	0.0	0.0
	-10.00000	-19.00000	0.00000	-4.1246	-0.50000	0.0	0.0	0.0
	-9.00000	-19.00000	0.00000	-4.3102	-0.50000	0.0	0.0	0.0
	-8.00000	-19.00000	0.00000	-4.5002	-0.50000	0.0	0.0	0.0
	-7.00000	-19.00000	0.00000	-4.6941	-0.50000	0.0	0.0	0.0
	-6.00000	-19.00000	0.00000	-4.8916	-0.50000	0.0	0.0	0.0
	-5.00000	-19.00000	0.00000	-5.0921	-0.50000	0.0	0.0	0.0
	-4.00000	-19.00000	0.00000	-5.2948	-0.50000	0.0	0.0	0.0
	-3.00000	-19.00000	0.00000	-5.4991	-0.50000	0.0	0.0	0.0
	-2.00000	-19.00000	0.00000	-5.7041	-0.50000	0.0	0.0	0.0
	-1.00000	-19.00000	0.00000	-5.9091	-0.50000	0.0	0.0	0.0
	0.00000	-19.00000	0.00000	-6.1130	-0.50000	0.0	0.0	0.0
	1.00000	-19.00000	0.00000	-6.3149	-0.50000	0.0	0.0	0.0
	2.00000	-19.00000	0.00000	-6.5138	-0.50000	0.0	0.0	0.0
	3.00000	-19.00000	0.00000	-6.7087	-0.50000	0.0	0.0	0.0
	4.00000	-19.00000	0.00000	-6.8984	-0.50000	0.0	0.0	0.0
	5.00000	-19.00000	0.00000	-7.0820	-0.50000	0.0	0.0	0.0
	6.00000	-19.00000	0.00000	-7.2585	-0.50000	0.0	0.0	0.0
	7.00000	-19.00000	0.00000	-7.4269	-0.50000	0.0	0.0	0.0
	8.00000	-19.00000	0.00000	-7.5863	-0.50000	0.0	0.0	0.0
	9.00000	-19.00000	0.00000	-7.7358	-0.50000	0.0	0.0	0.0
	10.00000	-19.00000	0.00000	-7.8748	-0.50000	0.0	0.0	0.0
	11.00000	-19.00000	0.00000	-8.0024	-0.50000	0.0	0.0	0.0
	12.00000	-19.00000	0.00000	-8.1181	-0.50000	0.0	0.0	0.0
	13.00000	-19.00000	0.00000	-8.2213	-0.50000	0.0	0.0	0.0
	14.00000	-19.00000	0.00000	-8.3115	-0.50000	0.0	0.0	0.0
	15.00000	-19.00000	0.00000	-8.3884	-0.50000	0.0	0.0	0.0
	16.00000	-19.00000	0.00000	-8.4535	-0.50000	0.0	0.0	0.0
	17.00000	-19.00000	0.00000	-8.5006	-0.50000	0.0	0.0	0.0
	18.00000	-19.00000	0.00000	-8.5355	-0.50000	0.0	0.0	0.0
	19.00000	-19.00000	0.00000	-8.5561	-0.50000	0.0	0.0	0.0
	20.00000	-19.00000	0.00000	-8.5622	-0.50000	0.0	0.0	0.0
	21.00000	-19.00000	0.00000	-8.5539	-0.50000	0.0	0.0	0.0
	22.00000	-19.00000	0.00000	-8.5312	-0.50000	0.0	0.0	0.0
	23.00000	-19.00000	0.00000	-8.4942	-0.50000	0.0	0.0	0.0
	24.00000	-19.00000	0.00000	-8.4430	-0.50000	0.0	0.0	0.0
	25.00000	-19.00000	0.00000	-8.3778	-0.50000	0.0	0.0	0.0
	26.00000	-19.00000	0.00000	-8.2990	-0.50000	0.0	0.0	0.0
	27.00000	-19.00000	0.00000	-8.2068	-0.50000	0.0	0.0	0.0
	28.00000	-19.00000	0.00000	-8.1017	-0.50000	0.0	0.0	0.0
	29.00000	-19.00000	0.00000	-7.9841	-0.50000	0.0	0.0	0.0
	30.00000	-19.00000	0.00000	-7.8547	-0.50000	0.0	0.0	0.0
	31.00000	-19.00000	0.00000	-7.7140	-0.50000	0.0	0.0	0.0
	32.00000	-19.00000	0.00000	-7.5628	-0.50000	0.0	0.0	0.0
	33.00000	-19.00000	0.00000	-7.4019	-0.50000	0.0	0.0	0.0
	34.00000	-19.00000	0.00000	-7.2321	-0.50000	0.0	0.0	0.0
	35.00000	-19.00000	0.00000	-7.0542	-0.50000	0.0	0.0	0.0
	36.00000	-19.00000	0.00000	-6.8694	-0.50000	0.0	0.0	0.0
	37.00000	-19.00000	0.00000	-6.6785	-0.50000	0.0	0.0	0.0
	38.00000	-19.00000	0.00000	-6.4827	-0.50000	0.0	0.0	0.0
	39.00000	-19.00000	0.00000	-6.2829	-0.50000	0.0	0.0	0.0
	40.00000	-19.00000	0.00000	-6.0803	-0.50000	0.0	0.0	0.0
	41.00000	-19.00000	0.00000	-5.8757	-0.50000	0.0	0.0	0.0
	42.00000	-19.00000	0.00000	-5.6702	-0.50000	0.0	0.0	0.0
	43.00000	-19.00000	0.00000	-5.4647	-0.50000	0.0	0.0	0.0
	44.00000	-19.00000	0.00000	-5.2602	-0.50000	0.0	0.0	0.0
	45.00000	-19.00000	0.00000	-5.0573	-0.50000	0.0	0.0	0.0
	46.00000	-19.00000	0.00000	-4.8568	-0.50000	0.0	0.0	0.0
	47.00000	-19.00000	0.00000	-4.6593	-0.50000	0.0	0.0	0.0
	48.00000	-19.00000	0.00000	-4.4655	-0.50000	0.0	0.0	0.0
	49.00000	-19.00000	0.00000	-4.2758	-0.50000	0.0	0.0	0.0
	50.00000	-19.00000	0.00000	-4.0905	-0.50000	0.0	0.0	0.0
	51.00000	-19.00000	0.00000	-3.9101	-0.50000	0.0	0.0	0.0
	52.00000	-19.00000	0.00000	-3.7348	-0.50000	0.0	0.0	0.0
	53.00000	-19.00000	0.00000	-3.5648	-0.50000	0.0	0.0	0.0
	54.00000	-19.00000	0.00000	-3.4002	-0.50000	0.0	0.0	0.0
	55.00000	-19.00000	0.00000	-3.2412	-0.50000	0.0	0.0	0.0
	56.00000	-19.00000	0.00000	-3.0878	-0.50000	0.0	0.0	0.0
	57.00000	-19.00000	0.00000	-2.9400	-0.50000	0.0	0.0	0.0
	58.00000	-19.00000	0.00000	-2.7978	-0.50000	0.0	0.0	0.0
	59.00000	-19.00000	0.00000	-2.6611	-0.50000	0.0	0.0	0.0
	60.00000	-19.00000	0.00000	-2.5298	-0.50000	0.0	0.0	0.0
	-20.00000	-18.00000	0.00000	-2.6763	-0.50000	0.0	0.0	0.0
	-19.00000	-18.00000	0.00000	-2.8169	-0.50000	0.0	0.0	0.0
	-18.00000	-18.00000	0.00000	-2.9635	-0.50000	0.0	0.0	0.0
	-17.00000	-18.00000	0.00000	-3.1162	-0.50000	0.0	0.0	0.0
	-16.00000	-18.00000	0.00000	-3.2752	-0.50000	0.0	0.0	0.0
	-15.00000	-18.00000	0.00000	-3.4404	-0.50000	0.0	0.0	0.0
	-14.00000	-18.00000	0.00000	-3.6118	-0.50000	0.0	0.0	0.0
	-13.00000	-18.00000	0.00000	-3.7894	-0.50000	0.0	0.0	0.0
	-12.00000	-18.00000	0.00000	-3.9732	-0.50000	0.0	0.0	0.0
	-11.00000	-18.00000	0.00000	-4.1630	-0.50000	0.0	0.0	0.0
	-10.00000	-18.00000	0.00000	-4.3586	-0.50000	0.0	0.0	0.0
	-9.00000	-18.00000	0.00000	-4.5598	-0.50000	0.0	0.0	0.0
	-8.00000	-18.00000	0.00000	-4.7661	-0.50000	0.0	0.0	0.0
	-7.00000	-18.00000	0.00000	-4.9772	-0.50000	0.0	0.0	0.0
	-6.00000	-18.00000	0.00000	-5.1925	-0.50000	0.0	0.0	0.0
	-5.00000	-18.00000	0.00000	-5.4114	-0.50000	0.0	0.0	0.0
	-4.00000	-18.00000	0.00000	-5.6332	-0.50000	0.0	0.0	0.0
	-3.00000	-18.00000	0.00000	-5.8572	-0.50000	0.0	0.0	0.0
	-2.00000	-18.00000	0.00000	-6.0823	-0.50000	0.0	0.0	0.0
	-1.00000	-18.00000	0.00000	-6.3077	-0.50000	0.0	0.0	0.0
	0.00000	-18.00000	0.00000	-6.5323	-0.50000	0.0	0.0	0.0
	1.00000	-18.00000	0.00000	-6.7548	-0.50000	0.0	0.0	0.0
	2.00000	-18.00000	0.00000	-6.9743	-0.50000	0.0	0.0	0.0
	3.00000	-18.00000	0.00000	-7.1895	-0.50000	0.0	0.0	0.0
	4.00000	-18.00000	0.00000	-7.3991	-0.50000	0.0	0.0	0.0
	5.00000	-18.00000	0.00000	-7.6021	-0.50000	0.0	0.0	0.0
	6.00000	-18.00000	0.00000	-7.7973	-0.50000	0.0	0.0	0.0
	7.00000	-18.00000	0.00000	-7.9835	-0.50000	0.0	0.0	0.0
	8.00000	-18.00000	0.00000	-8.1598	-0.50000	0.0	0.0	0.0
	9.00000	-18.00000	0.00000	-8.3252	-0.50000	0.0	0.0	0.0
	10.00000	-18.00000	0.00000	-8.4788	-0.50000	0.0	0.0	0.0
	11.00000	-18.00000	0.00000	-8.6198	-0.50000	0.0	0.0	0.0
	12.00000	-18.00000	0.00000	-8.7477	-0.50000	0.0	0.0	0.0
	13.00000	-18.00000	0.00000	-8.8616	-0.50000	0.0	0.0	0.0
	14.00000	-18.00000	0.00000	-8.9612	-0.50000	0.0	0.0	0.0
	15.00000	-18.00000	0.00000	-9.0460	-0.50000	0.0	0.0	0.0
	16.00000	-18.00000	0.00000	-9.1157	-0.50000	0.0	0.0	0.0
	17.00000	-18.00000	0.00000	-9.1698	-0.50000	0.0	0.0	0.0
	18.00000	-18.00000	0.00000	-9.2084	-0.50000	0.0	0.0	0.0
	19.00000	-18.00000	0.00000	-9.2311	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		Vert Strain [-]
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	
	9.00000	-16.00000	0.00000	-9.6708	-0.50000	0.0	0.0	0.0
	10.0000	-16.0000	0.00000	-9.8593	-0.50000	0.0	0.0	0.0
	11.0000	-16.0000	0.00000	-10.032	-0.50000	0.0	0.0	0.0
	12.0000	-16.0000	0.00000	-10.189	-0.50000	0.0	0.0	0.0
	13.0000	-16.0000	0.00000	-10.328	-0.50000	0.0	0.0	0.0
	14.0000	-16.0000	0.00000	-10.450	-0.50000	0.0	0.0	0.0
	15.0000	-16.0000	0.00000	-10.553	-0.50000	0.0	0.0	0.0
	16.0000	-16.0000	0.00000	-10.638	-0.50000	0.0	0.0	0.0
	17.0000	-16.0000	0.00000	-10.704	-0.50000	0.0	0.0	0.0
	18.0000	-16.0000	0.00000	-10.751	-0.50000	0.0	0.0	0.0
	19.0000	-16.0000	0.00000	-10.779	-0.50000	0.0	0.0	0.0
	20.0000	-16.0000	0.00000	-10.787	-0.50000	0.0	0.0	0.0
	21.0000	-16.0000	0.00000	-10.776	-0.50000	0.0	0.0	0.0
	22.0000	-16.0000	0.00000	-10.746	-0.50000	0.0	0.0	0.0
	23.0000	-16.0000	0.00000	-10.696	-0.50000	0.0	0.0	0.0
	24.0000	-16.0000	0.00000	-10.627	-0.50000	0.0	0.0	0.0
	25.0000	-16.0000	0.00000	-10.540	-0.50000	0.0	0.0	0.0
	26.0000	-16.0000	0.00000	-10.433	-0.50000	0.0	0.0	0.0
	27.0000	-16.0000	0.00000	-10.309	-0.50000	0.0	0.0	0.0
	28.0000	-16.0000	0.00000	-10.167	-0.50000	0.0	0.0	0.0
	29.0000	-16.0000	0.00000	-10.008	-0.50000	0.0	0.0	0.0
	30.0000	-16.0000	0.00000	-9.8331	-0.50000	0.0	0.0	0.0
	31.0000	-16.0000	0.00000	-9.6423	-0.50000	0.0	0.0	0.0
	32.0000	-16.0000	0.00000	-9.4371	-0.50000	0.0	0.0	0.0
	33.0000	-16.0000	0.00000	-9.2184	-0.50000	0.0	0.0	0.0
	34.0000	-16.0000	0.00000	-8.9875	-0.50000	0.0	0.0	0.0
	35.0000	-16.0000	0.00000	-8.7458	-0.50000	0.0	0.0	0.0
	36.0000	-16.0000	0.00000	-8.4947	-0.50000	0.0	0.0	0.0
	37.0000	-16.0000	0.00000	-8.2357	-0.50000	0.0	0.0	0.0
	38.0000	-16.0000	0.00000	-7.9704	-0.50000	0.0	0.0	0.0
	39.0000	-16.0000	0.00000	-7.7005	-0.50000	0.0	0.0	0.0
	40.0000	-16.0000	0.00000	-7.4275	-0.50000	0.0	0.0	0.0
	41.0000	-16.0000	0.00000	-7.1530	-0.50000	0.0	0.0	0.0
	42.0000	-16.0000	0.00000	-6.8784	-0.50000	0.0	0.0	0.0
	43.0000	-16.0000	0.00000	-6.6052	-0.50000	0.0	0.0	0.0
	44.0000	-16.0000	0.00000	-6.3347	-0.50000	0.0	0.0	0.0
	45.0000	-16.0000	0.00000	-6.0679	-0.50000	0.0	0.0	0.0
	46.0000	-16.0000	0.00000	-5.8059	-0.50000	0.0	0.0	0.0
	47.0000	-16.0000	0.00000	-5.5494	-0.50000	0.0	0.0	0.0
	48.0000	-16.0000	0.00000	-5.2993	-0.50000	0.0	0.0	0.0
	49.0000	-16.0000	0.00000	-5.0560	-0.50000	0.0	0.0	0.0
	50.0000	-16.0000	0.00000	-4.8199	-0.50000	0.0	0.0	0.0
	51.0000	-16.0000	0.00000	-4.5915	-0.50000	0.0	0.0	0.0
	52.0000	-16.0000	0.00000	-4.3710	-0.50000	0.0	0.0	0.0
	53.0000	-16.0000	0.00000	-4.1584	-0.50000	0.0	0.0	0.0
	54.0000	-16.0000	0.00000	-3.9539	-0.50000	0.0	0.0	0.0
	55.0000	-16.0000	0.00000	-3.7574	-0.50000	0.0	0.0	0.0
	56.0000	-16.0000	0.00000	-3.5689	-0.50000	0.0	0.0	0.0
	57.0000	-16.0000	0.00000	-3.3883	-0.50000	0.0	0.0	0.0
	58.0000	-16.0000	0.00000	-3.2155	-0.50000	0.0	0.0	0.0
	59.0000	-16.0000	0.00000	-3.0502	-0.50000	0.0	0.0	0.0
	60.0000	-16.0000	0.00000	-2.8923	-0.50000	0.0	0.0	0.0
	-20.0000	-15.0000	0.00000	-3.0559	-0.50000	0.0	0.0	0.0
	-19.0000	-15.0000	0.00000	-3.2249	-0.50000	0.0	0.0	0.0
	-18.0000	-15.0000	0.00000	-3.4021	-0.50000	0.0	0.0	0.0
	-17.0000	-15.0000	0.00000	-3.5876	-0.50000	0.0	0.0	0.0
	-16.0000	-15.0000	0.00000	-3.7818	-0.50000	0.0	0.0	0.0
	-15.0000	-15.0000	0.00000	-3.9847	-0.50000	0.0	0.0	0.0
	-14.0000	-15.0000	0.00000	-4.1966	-0.50000	0.0	0.0	0.0
	-13.0000	-15.0000	0.00000	-4.4175	-0.50000	0.0	0.0	0.0
	-12.0000	-15.0000	0.00000	-4.6474	-0.50000	0.0	0.0	0.0
	-11.0000	-15.0000	0.00000	-4.8865	-0.50000	0.0	0.0	0.0
	-10.0000	-15.0000	0.00000	-5.1345	-0.50000	0.0	0.0	0.0
	-9.0000	-15.0000	0.00000	-5.3912	-0.50000	0.0	0.0	0.0
	-8.0000	-15.0000	0.00000	-5.6564	-0.50000	0.0	0.0	0.0
	-7.0000	-15.0000	0.00000	-5.9296	-0.50000	0.0	0.0	0.0
	-6.0000	-15.0000	0.00000	-6.2102	-0.50000	0.0	0.0	0.0
	-5.0000	-15.0000	0.00000	-6.4975	-0.50000	0.0	0.0	0.0
	-4.0000	-15.0000	0.00000	-6.7905	-0.50000	0.0	0.0	0.0
	-3.0000	-15.0000	0.00000	-7.0881	-0.50000	0.0	0.0	0.0
	-2.0000	-15.0000	0.00000	-7.3891	-0.50000	0.0	0.0	0.0
	-1.0000	-15.0000	0.00000	-7.6920	-0.50000	0.0	0.0	0.0
	0.0000	-15.0000	0.00000	-7.9952	-0.50000	0.0	0.0	0.0
	1.0000	-15.0000	0.00000	-8.2970	-0.50000	0.0	0.0	0.0
	2.0000	-15.0000	0.00000	-8.5956	-0.50000	0.0	0.0	0.0
	3.0000	-15.0000	0.00000	-8.8890	-0.50000	0.0	0.0	0.0
	4.0000	-15.0000	0.00000	-9.1754	-0.50000	0.0	0.0	0.0
	5.0000	-15.0000	0.00000	-9.4530	-0.50000	0.0	0.0	0.0
	6.0000	-15.0000	0.00000	-9.7200	-0.50000	0.0	0.0	0.0
	7.0000	-15.0000	0.00000	-9.9746	-0.50000	0.0	0.0	0.0
	8.0000	-15.0000	0.00000	-10.215	-0.50000	0.0	0.0	0.0
	9.0000	-15.0000	0.00000	-10.441	-0.50000	0.0	0.0	0.0
	10.0000	-15.0000	0.00000	-10.650	-0.50000	0.0	0.0	0.0
	11.0000	-15.0000	0.00000	-10.842	-0.50000	0.0	0.0	0.0
	12.0000	-15.0000	0.00000	-11.016	-0.50000	0.0	0.0	0.0
	13.0000	-15.0000	0.00000	-11.170	-0.50000	0.0	0.0	0.0
	14.0000	-15.0000	0.00000	-11.305	-0.50000	0.0	0.0	0.0
	15.0000	-15.0000	0.00000	-11.419	-0.50000	0.0	0.0	0.0
	16.0000	-15.0000	0.00000	-11.513	-0.50000	0.0	0.0	0.0
	17.0000	-15.0000	0.00000	-11.586	-0.50000	0.0	0.0	0.0
	18.0000	-15.0000	0.00000	-11.638	-0.50000	0.0	0.0	0.0
	19.0000	-15.0000	0.00000	-11.668	-0.50000	0.0	0.0	0.0
	20.0000	-15.0000	0.00000	-11.677	-0.50000	0.0	0.0	0.0
	21.0000	-15.0000	0.00000	-11.665	-0.50000	0.0	0.0	0.0
	22.0000	-15.0000	0.00000	-11.631	-0.50000	0.0	0.0	0.0
	23.0000	-15.0000	0.00000	-11.577	-0.50000	0.0	0.0	0.0
	24.0000	-15.0000	0.00000	-11.501	-0.50000	0.0	0.0	0.0
	25.0000	-15.0000	0.00000	-11.404	-0.50000	0.0	0.0	0.0
	26.0000	-15.0000	0.00000	-11.287	-0.50000	0.0	0.0	0.0
	27.0000	-15.0000	0.00000	-11.149	-0.50000	0.0	0.0	0.0
	28.0000	-15.0000	0.00000	-10.992	-0.50000	0.0	0.0	0.0
	29.0000	-15.0000	0.00000	-10.816	-0.50000	0.0	0.0	0.0
	30.0000	-15.0000	0.00000	-10.622	-0.50000	0.0	0.0	0.0
	31.0000	-15.0000	0.00000	-10.410	-0.50000	0.0	0.0	0.0
	32.0000	-15.0000	0.00000	-10.182	-0.50000	0.0	0.0	0.0
	33.0000	-15.0000	0.00000	-9.9389	-0.50000	0.0	0.0	0.0
	34.0000	-15.0000	0.00000	-9.6822	-0.50000	0.0	0.0	0.0
	35.0000	-15.0000	0.00000	-9.4133	-0.50000	0.0	0.0	0.0
	36.0000	-15.0000	0.00000	-9.1340	-0.50000	0.0	0.0	0.0
	37.0000	-15.0000	0.00000	-8.8460	-0.50000	0.0	0.0	0.0
	38.0000	-15.0000	0.00000	-8.5512	-0.50000	0.0	0.0	0.0
	39.0000	-15.0000	0.00000	-8.2515	-0.50000	0.0	0.0	0.0
	40.0000	-15.0000	0.00000	-7				



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	48.00000	-13.00000	0.00000	-6.2770	-0.50000	0.0	0.0	0.0
	49.00000	-13.00000	0.00000	-5.9634	-0.50000	0.0	0.0	0.0
	50.00000	-13.00000	0.00000	-5.6616	-0.50000	0.0	0.0	0.0
	51.00000	-13.00000	0.00000	-5.3718	-0.50000	0.0	0.0	0.0
	52.00000	-13.00000	0.00000	-5.0942	-0.50000	0.0	0.0	0.0
	53.00000	-13.00000	0.00000	-4.8286	-0.50000	0.0	0.0	0.0
	54.00000	-13.00000	0.00000	-4.5748	-0.50000	0.0	0.0	0.0
	55.00000	-13.00000	0.00000	-4.3327	-0.50000	0.0	0.0	0.0
	56.00000	-13.00000	0.00000	-4.1039	-0.50000	0.0	0.0	0.0
	57.00000	-13.00000	0.00000	-3.8821	-0.50000	0.0	0.0	0.0
	58.00000	-13.00000	0.00000	-3.6730	-0.50000	0.0	0.0	0.0
	59.00000	-13.00000	0.00000	-3.4742	-0.50000	0.0	0.0	0.0
	60.00000	-13.00000	0.00000	-3.2854	-0.50000	0.0	0.0	0.0
	-20.00000	-12.00000	0.00000	-3.4660	-0.50000	0.0	0.0	0.0
	-19.00000	-12.00000	0.00000	-3.6680	-0.50000	0.0	0.0	0.0
	-18.00000	-12.00000	0.00000	-3.8809	-0.50000	0.0	0.0	0.0
	-17.00000	-12.00000	0.00000	-4.1051	-0.50000	0.0	0.0	0.0
	-16.00000	-12.00000	0.00000	-4.3412	-0.50000	0.0	0.0	0.0
	-15.00000	-12.00000	0.00000	-4.5895	-0.50000	0.0	0.0	0.0
	-14.00000	-12.00000	0.00000	-4.8505	-0.50000	0.0	0.0	0.0
	-13.00000	-12.00000	0.00000	-5.1246	-0.50000	0.0	0.0	0.0
	-12.00000	-12.00000	0.00000	-5.4120	-0.50000	0.0	0.0	0.0
	-11.00000	-12.00000	0.00000	-5.7132	-0.50000	0.0	0.0	0.0
	-10.00000	-12.00000	0.00000	-6.0281	-0.50000	0.0	0.0	0.0
	-9.00000	-12.00000	0.00000	-6.3570	-0.50000	0.0	0.0	0.0
	-8.00000	-12.00000	0.00000	-6.6996	-0.50000	0.0	0.0	0.0
	-7.00000	-12.00000	0.00000	-7.0557	-0.50000	0.0	0.0	0.0
	-6.00000	-12.00000	0.00000	-7.4248	-0.50000	0.0	0.0	0.0
	-5.00000	-12.00000	0.00000	-7.8061	-0.50000	0.0	0.0	0.0
	-4.00000	-12.00000	0.00000	-8.1986	-0.50000	0.0	0.0	0.0
	-3.00000	-12.00000	0.00000	-8.6007	-0.50000	0.0	0.0	0.0
	-2.00000	-12.00000	0.00000	-9.0106	-0.50000	0.0	0.0	0.0
	-1.00000	-12.00000	0.00000	-9.4262	-0.50000	0.0	0.0	0.0
	0.00000	-12.00000	0.00000	-9.8450	-0.50000	0.0	0.0	0.0
	1.00000	-12.00000	0.00000	-10.264	-0.50000	0.0	0.0	0.0
	2.00000	-12.00000	0.00000	-10.680	-0.50000	0.0	0.0	0.0
	3.00000	-12.00000	0.00000	-11.090	-0.50000	0.0	0.0	0.0
	4.00000	-12.00000	0.00000	-11.491	-0.50000	0.0	0.0	0.0
	5.00000	-12.00000	0.00000	-11.880	-0.50000	0.0	0.0	0.0
	6.00000	-12.00000	0.00000	-12.253	-0.50000	0.0	0.0	0.0
	7.00000	-12.00000	0.00000	-12.608	-0.50000	0.0	0.0	0.0
	8.00000	-12.00000	0.00000	-12.943	-0.50000	0.0	0.0	0.0
	9.00000	-12.00000	0.00000	-13.255	-0.50000	0.0	0.0	0.0
	10.00000	-12.00000	0.00000	-13.544	-0.50000	0.0	0.0	0.0
	11.00000	-12.00000	0.00000	-13.808	-0.50000	0.0	0.0	0.0
	12.00000	-12.00000	0.00000	-14.045	-0.50000	0.0	0.0	0.0
	13.00000	-12.00000	0.00000	-14.256	-0.50000	0.0	0.0	0.0
	14.00000	-12.00000	0.00000	-14.439	-0.50000	0.0	0.0	0.0
	15.00000	-12.00000	0.00000	-14.594	-0.50000	0.0	0.0	0.0
	16.00000	-12.00000	0.00000	-14.720	-0.50000	0.0	0.0	0.0
	17.00000	-12.00000	0.00000	-14.819	-0.50000	0.0	0.0	0.0
	18.00000	-12.00000	0.00000	-14.888	-0.50000	0.0	0.0	0.0
	19.00000	-12.00000	0.00000	-14.929	-0.50000	0.0	0.0	0.0
	20.00000	-12.00000	0.00000	-14.942	-0.50000	0.0	0.0	0.0
	21.00000	-12.00000	0.00000	-14.926	-0.50000	0.0	0.0	0.0
	22.00000	-12.00000	0.00000	-14.880	-0.50000	0.0	0.0	0.0
	23.00000	-12.00000	0.00000	-14.807	-0.50000	0.0	0.0	0.0
	24.00000	-12.00000	0.00000	-14.705	-0.50000	0.0	0.0	0.0
	25.00000	-12.00000	0.00000	-14.574	-0.50000	0.0	0.0	0.0
	26.00000	-12.00000	0.00000	-14.415	-0.50000	0.0	0.0	0.0
	27.00000	-12.00000	0.00000	-14.228	-0.50000	0.0	0.0	0.0
	28.00000	-12.00000	0.00000	-14.014	-0.50000	0.0	0.0	0.0
	29.00000	-12.00000	0.00000	-13.773	-0.50000	0.0	0.0	0.0
	30.00000	-12.00000	0.00000	-13.506	-0.50000	0.0	0.0	0.0
	31.00000	-12.00000	0.00000	-13.214	-0.50000	0.0	0.0	0.0
	32.00000	-12.00000	0.00000	-12.899	-0.50000	0.0	0.0	0.0
	33.00000	-12.00000	0.00000	-12.561	-0.50000	0.0	0.0	0.0
	34.00000	-12.00000	0.00000	-12.203	-0.50000	0.0	0.0	0.0
	35.00000	-12.00000	0.00000	-11.827	-0.50000	0.0	0.0	0.0
	36.00000	-12.00000	0.00000	-11.437	-0.50000	0.0	0.0	0.0
	37.00000	-12.00000	0.00000	-11.034	-0.50000	0.0	0.0	0.0
	38.00000	-12.00000	0.00000	-10.622	-0.50000	0.0	0.0	0.0
	39.00000	-12.00000	0.00000	-10.204	-0.50000	0.0	0.0	0.0
	40.00000	-12.00000	0.00000	-9.7837	-0.50000	0.0	0.0	0.0
	41.00000	-12.00000	0.00000	-9.3640	-0.50000	0.0	0.0	0.0
	42.00000	-12.00000	0.00000	-8.9477	-0.50000	0.0	0.0	0.0
	43.00000	-12.00000	0.00000	-8.5373	-0.50000	0.0	0.0	0.0
	44.00000	-12.00000	0.00000	-8.1350	-0.50000	0.0	0.0	0.0
	45.00000	-12.00000	0.00000	-7.7426	-0.50000	0.0	0.0	0.0
	46.00000	-12.00000	0.00000	-7.3616	-0.50000	0.0	0.0	0.0
	47.00000	-12.00000	0.00000	-6.9931	-0.50000	0.0	0.0	0.0
	48.00000	-12.00000	0.00000	-6.6377	-0.50000	0.0	0.0	0.0
	49.00000	-12.00000	0.00000	-6.2960	-0.50000	0.0	0.0	0.0
	50.00000	-12.00000	0.00000	-5.9682	-0.50000	0.0	0.0	0.0
	51.00000	-12.00000	0.00000	-5.6545	-0.50000	0.0	0.0	0.0
	52.00000	-12.00000	0.00000	-5.3548	-0.50000	0.0	0.0	0.0
	53.00000	-12.00000	0.00000	-5.0688	-0.50000	0.0	0.0	0.0
	54.00000	-12.00000	0.00000	-4.7963	-0.50000	0.0	0.0	0.0
	55.00000	-12.00000	0.00000	-4.5370	-0.50000	0.0	0.0	0.0
	56.00000	-12.00000	0.00000	-4.2904	-0.50000	0.0	0.0	0.0
	57.00000	-12.00000	0.00000	-4.0561	-0.50000	0.0	0.0	0.0
	58.00000	-12.00000	0.00000	-3.8336	-0.50000	0.0	0.0	0.0
	59.00000	-12.00000	0.00000	-3.6225	-0.50000	0.0	0.0	0.0
	60.00000	-12.00000	0.00000	-3.4224	-0.50000	0.0	0.0	0.0
	-20.00000	-11.00000	0.00000	-3.6086	-0.50000	0.0	0.0	0.0
	-19.00000	-11.00000	0.00000	-3.8226	-0.50000	0.0	0.0	0.0
	-18.00000	-11.00000	0.00000	-4.0485	-0.50000	0.0	0.0	0.0
	-17.00000	-11.00000	0.00000	-4.2870	-0.50000	0.0	0.0	0.0
	-16.00000	-11.00000	0.00000	-4.5386	-0.50000	0.0	0.0	0.0
	-15.00000	-11.00000	0.00000	-4.8038	-0.50000	0.0	0.0	0.0
	-14.00000	-11.00000	0.00000	-5.0833	-0.50000	0.0	0.0	0.0
	-13.00000	-11.00000	0.00000	-5.3775	-0.50000	0.0	0.0	0.0
	-12.00000	-11.00000	0.00000	-5.6869	-0.50000	0.0	0.0	0.0
	-11.00000	-11.00000	0.00000	-6.0120	-0.50000	0.0	0.0	0.0
	-10.00000	-11.00000	0.00000	-6.3531	-0.50000	0.0	0.0	0.0
	-9.00000	-11.00000	0.00000	-6.7104	-0.50000	0.0	0.0	0.0
	-8.00000	-11.00000	0.00000	-7.0839	-0.50000	0.0	0.0	0.0
	-7.00000	-11.00000	0.00000	-7.4735	-0.50000	0.0	0.0	0.0
	-6.00000	-11.00000	0.00000	-7.8788	-0.50000	0.0	0.0	0.0
	-5.00000	-11.00000	0.00000	-8.2991	-0.50000	0.0	0.0	0.0
	-4.00000	-11.00000	0.00000	-8.7333	-0.50000	0.0	0.0	0.0
	-3.00000	-11.00000	0.00000	-9.1798	-0.50000	0.0	0.0	0.0
	-2.00000	-11.00000	0.00000	-9.6366	-0.50000	0.0	0.0	0.0
	-1.00000	-11.00000	0.00000	-10.101	-0.50000	0.0	0.0	0.0
	0.00000	-11.00000	0.00000	-10.571	-0.50000	0.0	0.0	0.0
	1.00000	-11.00000	0.00000	-11.041	-0.50000	0.0	0.0	0.0
	2.00000	-11.00000	0.00000	-11.510	-0.50000	0.0	0.0	0.0
	3.00000	-11.00000	0.00000	-11.972	-0.50000	0.0	0.0	0.0
	4.00000	-11.00000	0.00000	-12.423	-0.50000	0.0	0.0	0.0
	5.00000	-11.00000	0.00000	-12.861	-0.50000	0.0	0.0	0.0
	6.00000	-11.00000	0.00000	-13.281	-0.50000	0.0	0.0	0.0
	7.00000	-11.00000	0.00000	-13.680	-0.50000	0.0	0.0	0.0
	8.00000	-11.00000	0.00000	-14.055	-0.50000	0.0	0.0	0.0
	9.00000	-11.00000	0.00000	-14.405	-0.50000	0.0	0.0	0.0
	10.00000	-11.00000	0.00000	-14.727	-0.50000	0.0	0.0	0.0
	11.00000	-11.00000	0.00000	-15.021	-0.50000	0.0	0.0	0.0
	12.00000	-11.00000	0.00000	-15.285	-0.50000	0.0	0.0	0.0
	13.00000	-11.00000	0.00000	-15.519	-0.50000	0.0	0.0	0.0
	14.00000	-11.00000	0.00000	-15.722	-0.50000	0.0	0.0	0.0
	15.00000	-11.00000	0.00000	-15.893	-0.50000	0.0	0.0	0.0
	16.00000	-11.00000	0.00000	-16.033	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	6.00000	-9.00000	0.00000	-15.709	-0.50000	0.0	0.0	0.0
	7.00000	-9.00000	0.00000	-16.217	-0.50000	0.0	0.0	0.0
	8.00000	-9.00000	0.00000	-16.693	-0.50000	0.0	0.0	0.0
	9.00000	-9.00000	0.00000	-17.134	-0.50000	0.0	0.0	0.0
	10.00000	-9.00000	0.00000	-17.538	-0.50000	0.0	0.0	0.0
	11.00000	-9.00000	0.00000	-17.904	-0.50000	0.0	0.0	0.0
	12.00000	-9.00000	0.00000	-18.231	-0.50000	0.0	0.0	0.0
	13.00000	-9.00000	0.00000	-18.519	-0.50000	0.0	0.0	0.0
	14.00000	-9.00000	0.00000	-18.768	-0.50000	0.0	0.0	0.0
	15.00000	-9.00000	0.00000	-18.977	-0.50000	0.0	0.0	0.0
	16.00000	-9.00000	0.00000	-19.148	-0.50000	0.0	0.0	0.0
	17.00000	-9.00000	0.00000	-19.280	-0.50000	0.0	0.0	0.0
	18.00000	-9.00000	0.00000	-19.373	-0.50000	0.0	0.0	0.0
	19.00000	-9.00000	0.00000	-19.428	-0.50000	0.0	0.0	0.0
	20.00000	-9.00000	0.00000	-19.445	-0.50000	0.0	0.0	0.0
	21.00000	-9.00000	0.00000	-19.423	-0.50000	0.0	0.0	0.0
	22.00000	-9.00000	0.00000	-19.363	-0.50000	0.0	0.0	0.0
	23.00000	-9.00000	0.00000	-19.264	-0.50000	0.0	0.0	0.0
	24.00000	-9.00000	0.00000	-19.127	-0.50000	0.0	0.0	0.0
	25.00000	-9.00000	0.00000	-18.951	-0.50000	0.0	0.0	0.0
	26.00000	-9.00000	0.00000	-18.737	-0.50000	0.0	0.0	0.0
	27.00000	-9.00000	0.00000	-18.483	-0.50000	0.0	0.0	0.0
	28.00000	-9.00000	0.00000	-18.190	-0.50000	0.0	0.0	0.0
	29.00000	-9.00000	0.00000	-17.858	-0.50000	0.0	0.0	0.0
	30.00000	-9.00000	0.00000	-17.488	-0.50000	0.0	0.0	0.0
	31.00000	-9.00000	0.00000	-17.079	-0.50000	0.0	0.0	0.0
	32.00000	-9.00000	0.00000	-16.634	-0.50000	0.0	0.0	0.0
	33.00000	-9.00000	0.00000	-16.154	-0.50000	0.0	0.0	0.0
	34.00000	-9.00000	0.00000	-15.642	-0.50000	0.0	0.0	0.0
	35.00000	-9.00000	0.00000	-15.101	-0.50000	0.0	0.0	0.0
	36.00000	-9.00000	0.00000	-14.536	-0.50000	0.0	0.0	0.0
	37.00000	-9.00000	0.00000	-13.952	-0.50000	0.0	0.0	0.0
	38.00000	-9.00000	0.00000	-13.354	-0.50000	0.0	0.0	0.0
	39.00000	-9.00000	0.00000	-12.750	-0.50000	0.0	0.0	0.0
	40.00000	-9.00000	0.00000	-12.146	-0.50000	0.0	0.0	0.0
	41.00000	-9.00000	0.00000	-11.547	-0.50000	0.0	0.0	0.0
	42.00000	-9.00000	0.00000	-10.958	-0.50000	0.0	0.0	0.0
	43.00000	-9.00000	0.00000	-10.385	-0.50000	0.0	0.0	0.0
	44.00000	-9.00000	0.00000	-9.8303	-0.50000	0.0	0.0	0.0
	45.00000	-9.00000	0.00000	-9.2960	-0.50000	0.0	0.0	0.0
	46.00000	-9.00000	0.00000	-8.7838	-0.50000	0.0	0.0	0.0
	47.00000	-9.00000	0.00000	-8.2947	-0.50000	0.0	0.0	0.0
	48.00000	-9.00000	0.00000	-7.8288	-0.50000	0.0	0.0	0.0
	49.00000	-9.00000	0.00000	-7.3862	-0.50000	0.0	0.0	0.0
	50.00000	-9.00000	0.00000	-6.9663	-0.50000	0.0	0.0	0.0
	51.00000	-9.00000	0.00000	-6.5686	-0.50000	0.0	0.0	0.0
	52.00000	-9.00000	0.00000	-6.1924	-0.50000	0.0	0.0	0.0
	53.00000	-9.00000	0.00000	-5.8367	-0.50000	0.0	0.0	0.0
	54.00000	-9.00000	0.00000	-5.5008	-0.50000	0.0	0.0	0.0
	55.00000	-9.00000	0.00000	-5.1836	-0.50000	0.0	0.0	0.0
	56.00000	-9.00000	0.00000	-4.8842	-0.50000	0.0	0.0	0.0
	57.00000	-9.00000	0.00000	-4.6018	-0.50000	0.0	0.0	0.0
	58.00000	-9.00000	0.00000	-4.3355	-0.50000	0.0	0.0	0.0
	59.00000	-9.00000	0.00000	-4.0843	-0.50000	0.0	0.0	0.0
	60.00000	-9.00000	0.00000	-3.8474	-0.50000	0.0	0.0	0.0
	-20.00000	-8.00000	0.00000	-4.0494	-0.50000	0.0	0.0	0.0
	-19.00000	-8.00000	0.00000	-4.3021	-0.50000	0.0	0.0	0.0
	-18.00000	-8.00000	0.00000	-4.5705	-0.50000	0.0	0.0	0.0
	-17.00000	-8.00000	0.00000	-4.8555	-0.50000	0.0	0.0	0.0
	-16.00000	-8.00000	0.00000	-5.1582	-0.50000	0.0	0.0	0.0
	-15.00000	-8.00000	0.00000	-5.4797	-0.50000	0.0	0.0	0.0
	-14.00000	-8.00000	0.00000	-5.8210	-0.50000	0.0	0.0	0.0
	-13.00000	-8.00000	0.00000	-6.1833	-0.50000	0.0	0.0	0.0
	-12.00000	-8.00000	0.00000	-6.5677	-0.50000	0.0	0.0	0.0
	-11.00000	-8.00000	0.00000	-6.9755	-0.50000	0.0	0.0	0.0
	-10.00000	-8.00000	0.00000	-7.4078	-0.50000	0.0	0.0	0.0
	-9.00000	-8.00000	0.00000	-7.8656	-0.50000	0.0	0.0	0.0
	-8.00000	-8.00000	0.00000	-8.3501	-0.50000	0.0	0.0	0.0
	-7.00000	-8.00000	0.00000	-8.8619	-0.50000	0.0	0.0	0.0
	-6.00000	-8.00000	0.00000	-9.4017	-0.50000	0.0	0.0	0.0
	-5.00000	-8.00000	0.00000	-9.9694	-0.50000	0.0	0.0	0.0
	-4.00000	-8.00000	0.00000	-10.565	-0.50000	0.0	0.0	0.0
	-3.00000	-8.00000	0.00000	-11.186	-0.50000	0.0	0.0	0.0
	-2.00000	-8.00000	0.00000	-11.831	-0.50000	0.0	0.0	0.0
	-1.00000	-8.00000	0.00000	-12.496	-0.50000	0.0	0.0	0.0
	0.00000	-8.00000	0.00000	-13.176	-0.50000	0.0	0.0	0.0
	1.00000	-8.00000	0.00000	-13.865	-0.50000	0.0	0.0	0.0
	2.00000	-8.00000	0.00000	-14.554	-0.50000	0.0	0.0	0.0
	3.00000	-8.00000	0.00000	-15.236	-0.50000	0.0	0.0	0.0
	4.00000	-8.00000	0.00000	-15.903	-0.50000	0.0	0.0	0.0
	5.00000	-8.00000	0.00000	-16.545	-0.50000	0.0	0.0	0.0
	6.00000	-8.00000	0.00000	-17.158	-0.50000	0.0	0.0	0.0
	7.00000	-8.00000	0.00000	-17.735	-0.50000	0.0	0.0	0.0
	8.00000	-8.00000	0.00000	-18.273	-0.50000	0.0	0.0	0.0
	9.00000	-8.00000	0.00000	-18.770	-0.50000	0.0	0.0	0.0
	10.00000	-8.00000	0.00000	-19.222	-0.50000	0.0	0.0	0.0
	11.00000	-8.00000	0.00000	-19.631	-0.50000	0.0	0.0	0.0
	12.00000	-8.00000	0.00000	-19.995	-0.50000	0.0	0.0	0.0
	13.00000	-8.00000	0.00000	-20.315	-0.50000	0.0	0.0	0.0
	14.00000	-8.00000	0.00000	-20.590	-0.50000	0.0	0.0	0.0
	15.00000	-8.00000	0.00000	-20.822	-0.50000	0.0	0.0	0.0
	16.00000	-8.00000	0.00000	-21.010	-0.50000	0.0	0.0	0.0
	17.00000	-8.00000	0.00000	-21.155	-0.50000	0.0	0.0	0.0
	18.00000	-8.00000	0.00000	-21.258	-0.50000	0.0	0.0	0.0
	19.00000	-8.00000	0.00000	-21.318	-0.50000	0.0	0.0	0.0
	20.00000	-8.00000	0.00000	-21.336	-0.50000	0.0	0.0	0.0
	21.00000	-8.00000	0.00000	-21.312	-0.50000	0.0	0.0	0.0
	22.00000	-8.00000	0.00000	-21.246	-0.50000	0.0	0.0	0.0
	23.00000	-8.00000	0.00000	-21.138	-0.50000	0.0	0.0	0.0
	24.00000	-8.00000	0.00000	-20.987	-0.50000	0.0	0.0	0.0
	25.00000	-8.00000	0.00000	-20.793	-0.50000	0.0	0.0	0.0
	26.00000	-8.00000	0.00000	-20.556	-0.50000	0.0	0.0	0.0
	27.00000	-8.00000	0.00000	-20.275	-0.50000	0.0	0.0	0.0
	28.00000	-8.00000	0.00000	-19.950	-0.50000	0.0	0.0	0.0
	29.00000	-8.00000	0.00000	-19.581	-0.50000	0.0	0.0	0.0
	30.00000	-8.00000	0.00000	-19.167	-0.50000	0.0	0.0	0.0
	31.00000	-8.00000	0.00000	-18.709	-0.50000	0.0	0.0	0.0
	32.00000	-8.00000	0.00000	-18.208	-0.50000	0.0	0.0	0.0
	33.00000	-8.00000	0.00000	-17.666	-0.50000	0.0	0.0	0.0
	34.00000	-8.00000	0.00000	-17.084	-0.50000	0.0	0.0	0.0
	35.00000	-8.00000	0.00000	-16.468	-0.50000	0.0	0.0	0.0
	36.00000	-8.00000	0.00000	-15.822	-0.50000	0.0	0.0	0.0
	37.00000	-8.00000	0.00000	-15.153	-0.50000	0.0	0.0	0.0
	38.00000	-8.00000	0.00000	-14.468	-0.50000	0.0	0.0	0.0
	39.00000	-8.00000	0.00000	-13.777	-0.50000	0.0	0.0	0.0
	40.00000	-8.00000	0.00000	-13.086	-0.50000	0.0	0.0	0.0
	41.00000	-8.00000	0.00000	-12.405	-0.50000	0.0	0.0	0.0
	42.00000	-8.00000	0.00000	-11.739	-0.50000	0.0	0.0	0.0
	43.00000	-8.00000	0.00000	-11.094	-0.50000	0.0	0.0	0.0
	44.00000	-8.00000	0.00000	-10.472	-0.50000	0.0	0.0	0.0
	45.00000	-8.00000	0.00000	-9.8777	-0.50000	0.0	0.0	0.0
	46.00000	-8.00000	0.00000	-9.3109	-0.50000	0.0	0.0	0.0
	47.00000	-8.00000	0.00000	-8.7724	-0.50000	0.0	0.0	0.0
	48.00000	-8.00000	0.00000	-8.2622	-0.50000	0.0	0.0	0.0
	49.00000	-8.00000	0.00000	-7.7796	-0.50000	0.0	0.0	0.0
	50.00000	-8.00000	0.00000	-7.3238	-0.50000	0.0	0.0	0.0
	51.00000	-8.00000	0.00000	-6.8938	-0.50000	0.0	0.0	0.0
	52.00000	-8.00000	0.00000	-6.4886	-0.50000	0.0	0.0	0.0
	53.00000	-8.00000	0.00000	-6.1068	-0.50000	0.0	0.0	0.0
	54.00000	-8.00000	0.00000	-5.7472	-0.50000	0.0	0.0	0.0
	55.00000	-8.00000	0.00000	-5.4087	-0.50000	0.0	0.0	0.0
	56.00000	-8.00000	0.00000	-5.0901	-0.50000	0.0	0.0	0.0
	57.00000	-8.00						

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	45.00000	-6.00000	0.00000	-11.142	-0.50000	0.0	0.0	0.0
	46.00000	-6.00000	0.00000	-10.445	-0.50000	0.0	0.0	0.0
	47.00000	-6.00000	0.00000	-9.7917	-0.50000	0.0	0.0	0.0
	48.00000	-6.00000	0.00000	-9.1798	-0.50000	0.0	0.0	0.0
	49.00000	-6.00000	0.00000	-8.6072	-0.50000	0.0	0.0	0.0
	50.00000	-6.00000	0.00000	-8.0715	-0.50000	0.0	0.0	0.0
	51.00000	-6.00000	0.00000	-7.5704	-0.50000	0.0	0.0	0.0
	52.00000	-6.00000	0.00000	-7.1018	-0.50000	0.0	0.0	0.0
	53.00000	-6.00000	0.00000	-6.6634	-0.50000	0.0	0.0	0.0
	54.00000	-6.00000	0.00000	-6.2531	-0.50000	0.0	0.0	0.0
	55.00000	-6.00000	0.00000	-5.8692	-0.50000	0.0	0.0	0.0
	56.00000	-6.00000	0.00000	-5.5098	-0.50000	0.0	0.0	0.0
	57.00000	-6.00000	0.00000	-5.1732	-0.50000	0.0	0.0	0.0
	58.00000	-6.00000	0.00000	-4.8578	-0.50000	0.0	0.0	0.0
	59.00000	-6.00000	0.00000	-4.5623	-0.50000	0.0	0.0	0.0
	60.00000	-6.00000	0.00000	-4.2853	-0.50000	0.0	0.0	0.0
	-20.00000	-5.00000	0.00000	-4.5010	-0.50000	0.0	0.0	0.0
	-19.00000	-5.00000	0.00000	-4.7958	-0.50000	0.0	0.0	0.0
	-18.00000	-5.00000	0.00000	-5.1107	-0.50000	0.0	0.0	0.0
	-17.00000	-5.00000	0.00000	-5.4472	-0.50000	0.0	0.0	0.0
	-16.00000	-5.00000	0.00000	-5.8071	-0.50000	0.0	0.0	0.0
	-15.00000	-5.00000	0.00000	-6.1921	-0.50000	0.0	0.0	0.0
	-14.00000	-5.00000	0.00000	-6.6040	-0.50000	0.0	0.0	0.0
	-13.00000	-5.00000	0.00000	-7.0452	-0.50000	0.0	0.0	0.0
	-12.00000	-5.00000	0.00000	-7.5179	-0.50000	0.0	0.0	0.0
	-11.00000	-5.00000	0.00000	-8.0245	-0.50000	0.0	0.0	0.0
	-10.00000	-5.00000	0.00000	-8.5679	-0.50000	0.0	0.0	0.0
	-9.00000	-5.00000	0.00000	-9.1510	-0.50000	0.0	0.0	0.0
	-8.00000	-5.00000	0.00000	-9.7770	-0.50000	0.0	0.0	0.0
	-7.00000	-5.00000	0.00000	-10.449	-0.50000	0.0	0.0	0.0
	-6.00000	-5.00000	0.00000	-11.171	-0.50000	0.0	0.0	0.0
	-5.00000	-5.00000	0.00000	-11.945	-0.50000	0.0	0.0	0.0
	-4.00000	-5.00000	0.00000	-12.776	-0.50000	0.0	0.0	0.0
	-3.00000	-5.00000	0.00000	-13.664	-0.50000	0.0	0.0	0.0
	-2.00000	-5.00000	0.00000	-14.610	-0.50000	0.0	0.0	0.0
	-1.00000	-5.00000	0.00000	-15.612	-0.50000	0.0	0.0	0.0
	0.00000	-5.00000	0.00000	-16.662	-0.50000	0.0	0.0	0.0
	1.00000	-5.00000	0.00000	-17.747	-0.50000	0.0	0.0	0.0
	2.00000	-5.00000	0.00000	-18.847	-0.50000	0.0	0.0	0.0
	3.00000	-5.00000	0.00000	-19.938	-0.50000	0.0	0.0	0.0
	4.00000	-5.00000	0.00000	-20.997	-0.50000	0.0	0.0	0.0
	5.00000	-5.00000	0.00000	-22.003	-0.50000	0.0	0.0	0.0
	6.00000	-5.00000	0.00000	-22.943	-0.50000	0.0	0.0	0.0
	7.00000	-5.00000	0.00000	-23.811	-0.50000	0.0	0.0	0.0
	8.00000	-5.00000	0.00000	-24.602	-0.50000	0.0	0.0	0.0
	9.00000	-5.00000	0.00000	-25.317	-0.50000	0.0	0.0	0.0
	10.00000	-5.00000	0.00000	-25.958	-0.50000	0.0	0.0	0.0
	11.00000	-5.00000	0.00000	-26.527	-0.50000	0.0	0.0	0.0
	12.00000	-5.00000	0.00000	-27.027	-0.50000	0.0	0.0	0.0
	13.00000	-5.00000	0.00000	-27.460	-0.50000	0.0	0.0	0.0
	14.00000	-5.00000	0.00000	-27.830	-0.50000	0.0	0.0	0.0
	15.00000	-5.00000	0.00000	-28.138	-0.50000	0.0	0.0	0.0
	16.00000	-5.00000	0.00000	-28.387	-0.50000	0.0	0.0	0.0
	17.00000	-5.00000	0.00000	-28.578	-0.50000	0.0	0.0	0.0
	18.00000	-5.00000	0.00000	-28.712	-0.50000	0.0	0.0	0.0
	19.00000	-5.00000	0.00000	-28.791	-0.50000	0.0	0.0	0.0
	20.00000	-5.00000	0.00000	-28.815	-0.50000	0.0	0.0	0.0
	21.00000	-5.00000	0.00000	-28.784	-0.50000	0.0	0.0	0.0
	22.00000	-5.00000	0.00000	-28.697	-0.50000	0.0	0.0	0.0
	23.00000	-5.00000	0.00000	-28.555	-0.50000	0.0	0.0	0.0
	24.00000	-5.00000	0.00000	-28.357	-0.50000	0.0	0.0	0.0
	25.00000	-5.00000	0.00000	-28.100	-0.50000	0.0	0.0	0.0
	26.00000	-5.00000	0.00000	-27.785	-0.50000	0.0	0.0	0.0
	27.00000	-5.00000	0.00000	-27.408	-0.50000	0.0	0.0	0.0
	28.00000	-5.00000	0.00000	-26.967	-0.50000	0.0	0.0	0.0
	29.00000	-5.00000	0.00000	-26.460	-0.50000	0.0	0.0	0.0
	30.00000	-5.00000	0.00000	-25.884	-0.50000	0.0	0.0	0.0
	31.00000	-5.00000	0.00000	-25.236	-0.50000	0.0	0.0	0.0
	32.00000	-5.00000	0.00000	-24.514	-0.50000	0.0	0.0	0.0
	33.00000	-5.00000	0.00000	-23.717	-0.50000	0.0	0.0	0.0
	34.00000	-5.00000	0.00000	-22.844	-0.50000	0.0	0.0	0.0
	35.00000	-5.00000	0.00000	-21.898	-0.50000	0.0	0.0	0.0
	36.00000	-5.00000	0.00000	-20.887	-0.50000	0.0	0.0	0.0
	37.00000	-5.00000	0.00000	-19.824	-0.50000	0.0	0.0	0.0
	38.00000	-5.00000	0.00000	-18.728	-0.50000	0.0	0.0	0.0
	39.00000	-5.00000	0.00000	-17.626	-0.50000	0.0	0.0	0.0
	40.00000	-5.00000	0.00000	-16.540	-0.50000	0.0	0.0	0.0
	41.00000	-5.00000	0.00000	-15.488	-0.50000	0.0	0.0	0.0
	42.00000	-5.00000	0.00000	-14.486	-0.50000	0.0	0.0	0.0
	43.00000	-5.00000	0.00000	-13.539	-0.50000	0.0	0.0	0.0
	44.00000	-5.00000	0.00000	-12.652	-0.50000	0.0	0.0	0.0
	45.00000	-5.00000	0.00000	-11.823	-0.50000	0.0	0.0	0.0
	46.00000	-5.00000	0.00000	-11.050	-0.50000	0.0	0.0	0.0
	47.00000	-5.00000	0.00000	-10.331	-0.50000	0.0	0.0	0.0
	48.00000	-5.00000	0.00000	-9.6613	-0.50000	0.0	0.0	0.0
	49.00000	-5.00000	0.00000	-9.0385	-0.50000	0.0	0.0	0.0
	50.00000	-5.00000	0.00000	-8.4589	-0.50000	0.0	0.0	0.0
	51.00000	-5.00000	0.00000	-7.9192	-0.50000	0.0	0.0	0.0
	52.00000	-5.00000	0.00000	-7.4164	-0.50000	0.0	0.0	0.0
	53.00000	-5.00000	0.00000	-6.9478	-0.50000	0.0	0.0	0.0
	54.00000	-5.00000	0.00000	-6.5107	-0.50000	0.0	0.0	0.0
	55.00000	-5.00000	0.00000	-6.1029	-0.50000	0.0	0.0	0.0
	56.00000	-5.00000	0.00000	-5.7221	-0.50000	0.0	0.0	0.0
	57.00000	-5.00000	0.00000	-5.3663	-0.50000	0.0	0.0	0.0
	58.00000	-5.00000	0.00000	-5.0338	-0.50000	0.0	0.0	0.0
	59.00000	-5.00000	0.00000	-4.7228	-0.50000	0.0	0.0	0.0
	60.00000	-5.00000	0.00000	-4.4319	-0.50000	0.0	0.0	0.0
	-20.00000	-4.00000	0.00000	-4.6514	-0.50000	0.0	0.0	0.0
	-19.00000	-4.00000	0.00000	-4.9607	-0.50000	0.0	0.0	0.0
	-18.00000	-4.00000	0.00000	-5.2918	-0.50000	0.0	0.0	0.0
	-17.00000	-4.00000	0.00000	-5.6464	-0.50000	0.0	0.0	0.0
	-16.00000	-4.00000	0.00000	-6.0263	-0.50000	0.0	0.0	0.0
	-15.00000	-4.00000	0.00000	-6.4337	-0.50000	0.0	0.0	0.0
	-14.00000	-4.00000	0.00000	-6.8708	-0.50000	0.0	0.0	0.0
	-13.00000	-4.00000	0.00000	-7.3403	-0.50000	0.0	0.0	0.0
	-12.00000	-4.00000	0.00000	-7.8448	-0.50000	0.0	0.0	0.0
	-11.00000	-4.00000	0.00000	-8.3876	-0.50000	0.0	0.0	0.0
	-10.00000	-4.00000	0.00000	-8.9721	-0.50000	0.0	0.0	0.0
	-9.00000	-4.00000	0.00000	-9.6022	-0.50000	0.0	0.0	0.0
	-8.00000	-4.00000	0.00000	-10.282	-0.50000	0.0	0.0	0.0
	-7.00000	-4.00000	0.00000	-11.017	-0.50000	0.0	0.0	0.0
	-6.00000	-4.00000	0.00000	-11.811	-0.50000	0.0	0.0	0.0
	-5.00000	-4.00000	0.00000	-12.670	-0.50000	0.0	0.0	0.0
	-4.00000	-4.00000	0.00000	-13.600	-0.50000	0.0	0.0	0.0
	-3.00000	-4.00000	0.00000	-14.605	-0.50000	0.0	0.0	0.0
	-2.00000	-4.00000	0.00000	-15.691	-0.50000	0.0	0.0	0.0
	-1.00000	-4.00000	0.00000	-16.856	-0.50000	0.0	0.0	0.0
	0.00000	-4.00000	0.00000	-18.096	-0.50000	0.0	0.0	0.0
	1.00000	-4.00000	0.00000	-19.394	-0.50000	0.0	0.0	0.0
	2.00000	-4.00000	0.00000	-20.722	-0.50000	0.0	0.0	0.0
	3.00000	-4.00000	0.00000	-22.040	-0.50000	0.0	0.0	0.0
	4.00000	-4.00000	0.00000	-23.311	-0.50000	0.0	0.0	0.0
	5.00000	-4.00000	0.00000	-24.508	-0.50000	0.0	0.0	0.0
	6.00000	-4.00000	0.00000	-25.606	-0.50000	0.0	0.0	0.0
	7.00000	-4.00000	0.00000	-26.608	-0.50000	0.0	0.0	0.0
	8.00000	-4.00000	0.00000	-27.512	-0.50000	0.0	0.0	0.0
	9.00000	-4.00000	0.00000	-28.321	-0.50000	0.0	0.0	0.0
	10.00000	-4.00000	0.00000	-29.039	-0.50000	0.0	0.0	0.0
	11.00000	-4.00000	0.00000	-29.673	-0.50000	0.0	0.0	0.0
	12.00000	-4.00000	0.00000	-30.226	-0.50000	0.0	0.0	0.0
	13.00000	-4.00000	0.00000	-30.703	-0.50000	0.0		



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	3.00000	-2.00000	0.00000	-27.793	-0.50000	0.0	0.0	0.0
	4.00000	-2.00000	0.00000	-29.768	-0.50000	0.0	0.0	0.0
	5.00000	-2.00000	0.00000	-31.525	-0.50000	0.0	0.0	0.0
	6.00000	-2.00000	0.00000	-33.066	-0.50000	0.0	0.0	0.0
	7.00000	-2.00000	0.00000	-34.413	-0.50000	0.0	0.0	0.0
	8.00000	-2.00000	0.00000	-35.590	-0.50000	0.0	0.0	0.0
	9.00000	-2.00000	0.00000	-36.617	-0.50000	0.0	0.0	0.0
	10.00000	-2.00000	0.00000	-37.513	-0.50000	0.0	0.0	0.0
	11.00000	-2.00000	0.00000	-38.291	-0.50000	0.0	0.0	0.0
	12.00000	-2.00000	0.00000	-38.961	-0.50000	0.0	0.0	0.0
	13.00000	-2.00000	0.00000	-39.535	-0.50000	0.0	0.0	0.0
	14.00000	-2.00000	0.00000	-40.018	-0.50000	0.0	0.0	0.0
	15.00000	-2.00000	0.00000	-40.417	-0.50000	0.0	0.0	0.0
	16.00000	-2.00000	0.00000	-40.737	-0.50000	0.0	0.0	0.0
	17.00000	-2.00000	0.00000	-40.981	-0.50000	0.0	0.0	0.0
	18.00000	-2.00000	0.00000	-41.152	-0.50000	0.0	0.0	0.0
	19.00000	-2.00000	0.00000	-41.252	-0.50000	0.0	0.0	0.0
	20.00000	-2.00000	0.00000	-41.282	-0.50000	0.0	0.0	0.0
	21.00000	-2.00000	0.00000	-41.242	-0.50000	0.0	0.0	0.0
	22.00000	-2.00000	0.00000	-41.132	-0.50000	0.0	0.0	0.0
	23.00000	-2.00000	0.00000	-40.952	-0.50000	0.0	0.0	0.0
	24.00000	-2.00000	0.00000	-40.698	-0.50000	0.0	0.0	0.0
	25.00000	-2.00000	0.00000	-40.368	-0.50000	0.0	0.0	0.0
	26.00000	-2.00000	0.00000	-39.959	-0.50000	0.0	0.0	0.0
	27.00000	-2.00000	0.00000	-39.465	-0.50000	0.0	0.0	0.0
	28.00000	-2.00000	0.00000	-38.882	-0.50000	0.0	0.0	0.0
	29.00000	-2.00000	0.00000	-38.201	-0.50000	0.0	0.0	0.0
	30.00000	-2.00000	0.00000	-37.413	-0.50000	0.0	0.0	0.0
	31.00000	-2.00000	0.00000	-36.508	-0.50000	0.0	0.0	0.0
	32.00000	-2.00000	0.00000	-35.470	-0.50000	0.0	0.0	0.0
	33.00000	-2.00000	0.00000	-34.284	-0.50000	0.0	0.0	0.0
	34.00000	-2.00000	0.00000	-32.928	-0.50000	0.0	0.0	0.0
	35.00000	-2.00000	0.00000	-31.380	-0.50000	0.0	0.0	0.0
	36.00000	-2.00000	0.00000	-29.616	-0.50000	0.0	0.0	0.0
	37.00000	-2.00000	0.00000	-27.635	-0.50000	0.0	0.0	0.0
	38.00000	-2.00000	0.00000	-25.494	-0.50000	0.0	0.0	0.0
	39.00000	-2.00000	0.00000	-23.344	-0.50000	0.0	0.0	0.0
	40.00000	-2.00000	0.00000	-21.335	-0.50000	0.0	0.0	0.0
	41.00000	-2.00000	0.00000	-19.527	-0.50000	0.0	0.0	0.0
	42.00000	-2.00000	0.00000	-17.914	-0.50000	0.0	0.0	0.0
	43.00000	-2.00000	0.00000	-16.476	-0.50000	0.0	0.0	0.0
	44.00000	-2.00000	0.00000	-15.188	-0.50000	0.0	0.0	0.0
	45.00000	-2.00000	0.00000	-14.029	-0.50000	0.0	0.0	0.0
	46.00000	-2.00000	0.00000	-12.982	-0.50000	0.0	0.0	0.0
	47.00000	-2.00000	0.00000	-12.032	-0.50000	0.0	0.0	0.0
	48.00000	-2.00000	0.00000	-11.167	-0.50000	0.0	0.0	0.0
	49.00000	-2.00000	0.00000	-10.376	-0.50000	0.0	0.0	0.0
	50.00000	-2.00000	0.00000	-9.6516	-0.50000	0.0	0.0	0.0
	51.00000	-2.00000	0.00000	-8.9863	-0.50000	0.0	0.0	0.0
	52.00000	-2.00000	0.00000	-8.3739	-0.50000	0.0	0.0	0.0
	53.00000	-2.00000	0.00000	-7.8093	-0.50000	0.0	0.0	0.0
	54.00000	-2.00000	0.00000	-7.2873	-0.50000	0.0	0.0	0.0
	55.00000	-2.00000	0.00000	-6.8045	-0.50000	0.0	0.0	0.0
	56.00000	-2.00000	0.00000	-6.3571	-0.50000	0.0	0.0	0.0
	57.00000	-2.00000	0.00000	-5.9421	-0.50000	0.0	0.0	0.0
	58.00000	-2.00000	0.00000	-5.5567	-0.50000	0.0	0.0	0.0
	59.00000	-2.00000	0.00000	-5.1984	-0.50000	0.0	0.0	0.0
	60.00000	-2.00000	0.00000	-4.8650	-0.50000	0.0	0.0	0.0
	-20.00000	-1.00000	0.00000	-5.0937	-0.50000	0.0	0.0	0.0
	-19.00000	-1.00000	0.00000	-5.4471	-0.50000	0.0	0.0	0.0
	-18.00000	-1.00000	0.00000	-5.8274	-0.50000	0.0	0.0	0.0
	-17.00000	-1.00000	0.00000	-6.2369	-0.50000	0.0	0.0	0.0
	-16.00000	-1.00000	0.00000	-6.6785	-0.50000	0.0	0.0	0.0
	-15.00000	-1.00000	0.00000	-7.1552	-0.50000	0.0	0.0	0.0
	-14.00000	-1.00000	0.00000	-7.6705	-0.50000	0.0	0.0	0.0
	-13.00000	-1.00000	0.00000	-8.2284	-0.50000	0.0	0.0	0.0
	-12.00000	-1.00000	0.00000	-8.8335	-0.50000	0.0	0.0	0.0
	-11.00000	-1.00000	0.00000	-9.4910	-0.50000	0.0	0.0	0.0
	-10.00000	-1.00000	0.00000	-10.207	-0.50000	0.0	0.0	0.0
	-9.00000	-1.00000	0.00000	-10.989	-0.50000	0.0	0.0	0.0
	-8.00000	-1.00000	0.00000	-11.846	-0.50000	0.0	0.0	0.0
	-7.00000	-1.00000	0.00000	-12.788	-0.50000	0.0	0.0	0.0
	-6.00000	-1.00000	0.00000	-13.829	-0.50000	0.0	0.0	0.0
	-5.00000	-1.00000	0.00000	-14.984	-0.50000	0.0	0.0	0.0
	-4.00000	-1.00000	0.00000	-16.274	-0.50000	0.0	0.0	0.0
	-3.00000	-1.00000	0.00000	-17.727	-0.50000	0.0	0.0	0.0
	-2.00000	-1.00000	0.00000	-19.380	-0.50000	0.0	0.0	0.0
	-1.00000	-1.00000	0.00000	-21.283	-0.50000	0.0	0.0	0.0
	0.00000	-1.00000	0.00000	-23.507	-0.50000	0.0	0.0	0.0
	1.00000	-1.00000	0.00000	-26.144	-0.50000	0.0	0.0	0.0
	2.00000	-1.00000	0.00000	-29.198	-0.50000	0.0	0.0	0.0
	3.00000	-1.00000	0.00000	-32.742	-0.50000	0.0	0.0	0.0
	4.00000	-1.00000	0.00000	-34.846	-0.50000	0.0	0.0	0.0
	5.00000	-1.00000	0.00000	-37.017	-0.50000	0.0	0.0	0.0
	6.00000	-1.00000	0.00000	-38.844	-0.50000	0.0	0.0	0.0
	7.00000	-1.00000	0.00000	-40.400	-0.50000	0.0	0.0	0.0
	8.00000	-1.00000	0.00000	-41.735	-0.50000	0.0	0.0	0.0
	9.00000	-1.00000	0.00000	-42.885	-0.50000	0.0	0.0	0.0
	10.00000	-1.00000	0.00000	-43.877	-0.50000	0.0	0.0	0.0
	11.00000	-1.00000	0.00000	-44.731	-0.50000	0.0	0.0	0.0
	12.00000	-1.00000	0.00000	-45.464	-0.50000	0.0	0.0	0.0
	13.00000	-1.00000	0.00000	-46.088	-0.50000	0.0	0.0	0.0
	14.00000	-1.00000	0.00000	-46.611	-0.50000	0.0	0.0	0.0
	15.00000	-1.00000	0.00000	-47.043	-0.50000	0.0	0.0	0.0
	16.00000	-1.00000	0.00000	-47.387	-0.50000	0.0	0.0	0.0
	17.00000	-1.00000	0.00000	-47.650	-0.50000	0.0	0.0	0.0
	18.00000	-1.00000	0.00000	-47.834	-0.50000	0.0	0.0	0.0
	19.00000	-1.00000	0.00000	-47.941	-0.50000	0.0	0.0	0.0
	20.00000	-1.00000	0.00000	-47.973	-0.50000	0.0	0.0	0.0
	21.00000	-1.00000	0.00000	-47.930	-0.50000	0.0	0.0	0.0
	22.00000	-1.00000	0.00000	-47.812	-0.50000	0.0	0.0	0.0
	23.00000	-1.00000	0.00000	-47.618	-0.50000	0.0	0.0	0.0
	24.00000	-1.00000	0.00000	-47.345	-0.50000	0.0	0.0	0.0
	25.00000	-1.00000	0.00000	-46.989	-0.50000	0.0	0.0	0.0
	26.00000	-1.00000	0.00000	-46.547	-0.50000	0.0	0.0	0.0
	27.00000	-1.00000	0.00000	-46.012	-0.50000	0.0	0.0	0.0
	28.00000	-1.00000	0.00000	-45.377	-0.50000	0.0	0.0	0.0
	29.00000	-1.00000	0.00000	-44.632	-0.50000	0.0	0.0	0.0
	30.00000	-1.00000	0.00000	-43.766	-0.50000	0.0	0.0	0.0
	31.00000	-1.00000	0.00000	-42.763	-0.50000	0.0	0.0	0.0
	32.00000	-1.00000	0.00000	-41.602	-0.50000	0.0	0.0	0.0
	33.00000	-1.00000	0.00000	-40.236	-0.50000	0.0	0.0	0.0
	34.00000	-1.00000	0.00000	-38.693	-0.50000	0.0	0.0	0.0
	35.00000	-1.00000	0.00000	-36.854	-0.50000	0.0	0.0	0.0
	36.00000	-1.00000	0.00000	-34.675	-0.50000	0.0	0.0	0.0
	37.00000	-1.00000	0.00000	-32.064	-0.50000	0.0	0.0	0.0
	38.00000	-1.00000	0.00000	-29.014	-0.50000	0.0	0.0	0.0
	39.00000	-1.00000	0.00000	-25.955	-0.50000	0.0	0.0	0.0
	40.00000	-1.00000	0.00000	-23.316	-0.50000	0.0	0.0	0.0
	41.00000	-1.00000	0.00000	-21.090	-0.50000	0.0	0.0	0.0
	42.00000	-1.00000	0.00000	-19.187	-0.50000	0.0	0.0	0.0
	43.00000	-1.00000	0.00000	-17.536	-0.50000	0.0	0.0	0.0
	44.00000	-1.00000	0.00000	-16.085	-0.50000	0.0	0.0	0.0
	45.00000	-1.00000	0.00000	-14.798	-0.50000	0.0	0.0	0.0
	46.00000	-1.00000	0.00000	-13.648	-0.50000	0.0	0.0	0.0
	47.00000	-1.00000	0.00000	-12.613	-0.50000	0.0	0.0	0.0
	48.00000	-1.00000	0.00000	-11.676	-0.50000	0.0	0.0	0.0
	49.00000	-1.00000	0.00000	-10.826	-0.50000	0.0	0.0	0.0
	50.00000	-1.00000	0.00000	-10.051	-0.50000	0.0	0.0	0.0
	51.00000	-1.00000	0.00000	-9.3415	-0.50000	0.0	0.0	0.0
	52.00000	-1.00000	0.00000	-8.6911	-0.50000	0.0	0.0	0.0
	53.00000	-1.00000	0.00000	-8.0933	-0.50000	0.0	0.0	0.0
	54.00000	-1.00000						



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	42.00000	1.00000	0.00000	-21.776	-0.50000	0.0	0.0	0.0
	43.00000	1.00000	0.00000	-19.671	-0.50000	0.0	0.0	0.0
	44.00000	1.00000	0.00000	-17.880	-0.50000	0.0	0.0	0.0
	45.00000	1.00000	0.00000	-16.329	-0.50000	0.0	0.0	0.0
	46.00000	1.00000	0.00000	-14.967	-0.50000	0.0	0.0	0.0
	47.00000	1.00000	0.00000	-13.759	-0.50000	0.0	0.0	0.0
	48.00000	1.00000	0.00000	-12.680	-0.50000	0.0	0.0	0.0
	49.00000	1.00000	0.00000	-11.709	-0.50000	0.0	0.0	0.0
	50.00000	1.00000	0.00000	-10.832	-0.50000	0.0	0.0	0.0
	51.00000	1.00000	0.00000	-10.035	-0.50000	0.0	0.0	0.0
	52.00000	1.00000	0.00000	-9.3096	-0.50000	0.0	0.0	0.0
	53.00000	1.00000	0.00000	-8.6463	-0.50000	0.0	0.0	0.0
	54.00000	1.00000	0.00000	-8.0384	-0.50000	0.0	0.0	0.0
	55.00000	1.00000	0.00000	-7.4799	-0.50000	0.0	0.0	0.0
	56.00000	1.00000	0.00000	-6.9659	-0.50000	0.0	0.0	0.0
	57.00000	1.00000	0.00000	-6.4919	-0.50000	0.0	0.0	0.0
	58.00000	1.00000	0.00000	-6.0541	-0.50000	0.0	0.0	0.0
	59.00000	1.00000	0.00000	-5.6491	-0.50000	0.0	0.0	0.0
	60.00000	1.00000	0.00000	-5.2741	-0.50000	0.0	0.0	0.0
	-20.00000	2.00000	0.00000	-5.076	-0.50000	0.0	0.0	0.0
	-19.00000	2.00000	0.00000	-5.9040	-0.50000	0.0	0.0	0.0
	-18.00000	2.00000	0.00000	-6.3324	-0.50000	0.0	0.0	0.0
	-17.00000	2.00000	0.00000	-6.7960	-0.50000	0.0	0.0	0.0
	-16.00000	2.00000	0.00000	-7.2985	-0.50000	0.0	0.0	0.0
	-15.00000	2.00000	0.00000	-7.8441	-0.50000	0.0	0.0	0.0
	-14.00000	2.00000	0.00000	-8.4374	-0.50000	0.0	0.0	0.0
	-13.00000	2.00000	0.00000	-9.0840	-0.50000	0.0	0.0	0.0
	-12.00000	2.00000	0.00000	-9.7905	-0.50000	0.0	0.0	0.0
	-11.00000	2.00000	0.00000	-10.564	-0.50000	0.0	0.0	0.0
	-10.00000	2.00000	0.00000	-11.415	-0.50000	0.0	0.0	0.0
	-9.00000	2.00000	0.00000	-12.354	-0.50000	0.0	0.0	0.0
	-8.00000	2.00000	0.00000	-13.394	-0.50000	0.0	0.0	0.0
	-7.00000	2.00000	0.00000	-14.533	-0.50000	0.0	0.0	0.0
	-6.00000	2.00000	0.00000	-15.854	-0.50000	0.0	0.0	0.0
	-5.00000	2.00000	0.00000	-17.327	-0.50000	0.0	0.0	0.0
	-4.00000	2.00000	0.00000	-19.012	-0.50000	0.0	0.0	0.0
	-3.00000	2.00000	0.00000	-20.970	-0.50000	0.0	0.0	0.0
	-2.00000	2.00000	0.00000	-23.290	-0.50000	0.0	0.0	0.0
	-1.00000	2.00000	0.00000	-26.125	-0.50000	0.0	0.0	0.0
	0.00000	2.00000	0.00000	-29.758	-0.50000	0.0	0.0	0.0
	1.00000	2.00000	0.00000	-34.839	-0.50000	0.0	0.0	0.0
	2.00000	2.00000	0.00000	-44.768	-0.50000	0.0	0.0	0.0
	3.00000	2.00000	0.00000	-54.683	-0.50000	0.0	0.0	0.0
	4.00000	2.00000	0.00000	-59.726	-0.50000	0.0	0.0	0.0
	5.00000	2.00000	0.00000	-63.295	-0.50000	0.0	0.0	0.0
	6.00000	2.00000	0.00000	-66.041	-0.50000	0.0	0.0	0.0
	7.00000	2.00000	0.00000	-68.247	-0.50000	0.0	0.0	0.0
	8.00000	2.00000	0.00000	-70.065	-0.50000	0.0	0.0	0.0
	9.00000	2.00000	0.00000	-71.586	-0.50000	0.0	0.0	0.0
	10.00000	2.00000	0.00000	-72.869	-0.50000	0.0	0.0	0.0
	11.00000	2.00000	0.00000	-73.955	-0.50000	0.0	0.0	0.0
	12.00000	2.00000	0.00000	-74.873	-0.50000	0.0	0.0	0.0
	13.00000	2.00000	0.00000	-75.646	-0.50000	0.0	0.0	0.0
	14.00000	2.00000	0.00000	-76.289	-0.50000	0.0	0.0	0.0
	15.00000	2.00000	0.00000	-76.814	-0.50000	0.0	0.0	0.0
	16.00000	2.00000	0.00000	-77.232	-0.50000	0.0	0.0	0.0
	17.00000	2.00000	0.00000	-77.549	-0.50000	0.0	0.0	0.0
	18.00000	2.00000	0.00000	-77.770	-0.50000	0.0	0.0	0.0
	19.00000	2.00000	0.00000	-77.899	-0.50000	0.0	0.0	0.0
	20.00000	2.00000	0.00000	-77.937	-0.50000	0.0	0.0	0.0
	21.00000	2.00000	0.00000	-77.886	-0.50000	0.0	0.0	0.0
	22.00000	2.00000	0.00000	-77.744	-0.50000	0.0	0.0	0.0
	23.00000	2.00000	0.00000	-77.509	-0.50000	0.0	0.0	0.0
	24.00000	2.00000	0.00000	-77.178	-0.50000	0.0	0.0	0.0
	25.00000	2.00000	0.00000	-76.746	-0.50000	0.0	0.0	0.0
	26.00000	2.00000	0.00000	-76.205	-0.50000	0.0	0.0	0.0
	27.00000	2.00000	0.00000	-75.546	-0.50000	0.0	0.0	0.0
	28.00000	2.00000	0.00000	-74.757	-0.50000	0.0	0.0	0.0
	29.00000	2.00000	0.00000	-73.822	-0.50000	0.0	0.0	0.0
	30.00000	2.00000	0.00000	-72.719	-0.50000	0.0	0.0	0.0
	31.00000	2.00000	0.00000	-71.418	-0.50000	0.0	0.0	0.0
	32.00000	2.00000	0.00000	-69.880	-0.50000	0.0	0.0	0.0
	33.00000	2.00000	0.00000	-68.045	-0.50000	0.0	0.0	0.0
	34.00000	2.00000	0.00000	-65.823	-0.50000	0.0	0.0	0.0
	35.00000	2.00000	0.00000	-63.063	-0.50000	0.0	0.0	0.0
	36.00000	2.00000	0.00000	-59.480	-0.50000	0.0	0.0	0.0
	37.00000	2.00000	0.00000	-54.426	-0.50000	0.0	0.0	0.0
	38.00000	2.00000	0.00000	-44.502	-0.50000	0.0	0.0	0.0
	39.00000	2.00000	0.00000	-34.567	-0.50000	0.0	0.0	0.0
	40.00000	2.00000	0.00000	-29.482	-0.50000	0.0	0.0	0.0
	41.00000	2.00000	0.00000	-25.847	-0.50000	0.0	0.0	0.0
	42.00000	2.00000	0.00000	-23.014	-0.50000	0.0	0.0	0.0
	43.00000	2.00000	0.00000	-20.697	-0.50000	0.0	0.0	0.0
	44.00000	2.00000	0.00000	-18.745	-0.50000	0.0	0.0	0.0
	45.00000	2.00000	0.00000	-17.067	-0.50000	0.0	0.0	0.0
	46.00000	2.00000	0.00000	-15.603	-0.50000	0.0	0.0	0.0
	47.00000	2.00000	0.00000	-14.312	-0.50000	0.0	0.0	0.0
	48.00000	2.00000	0.00000	-13.164	-0.50000	0.0	0.0	0.0
	49.00000	2.00000	0.00000	-12.135	-0.50000	0.0	0.0	0.0
	50.00000	2.00000	0.00000	-11.208	-0.50000	0.0	0.0	0.0
	51.00000	2.00000	0.00000	-10.369	-0.50000	0.0	0.0	0.0
	52.00000	2.00000	0.00000	-9.6063	-0.50000	0.0	0.0	0.0
	53.00000	2.00000	0.00000	-8.9112	-0.50000	0.0	0.0	0.0
	54.00000	2.00000	0.00000	-8.2755	-0.50000	0.0	0.0	0.0
	55.00000	2.00000	0.00000	-7.6928	-0.50000	0.0	0.0	0.0
	56.00000	2.00000	0.00000	-7.1574	-0.50000	0.0	0.0	0.0
	57.00000	2.00000	0.00000	-6.6645	-0.50000	0.0	0.0	0.0
	58.00000	2.00000	0.00000	-6.2099	-0.50000	0.0	0.0	0.0
	59.00000	2.00000	0.00000	-5.7901	-0.50000	0.0	0.0	0.0
	60.00000	2.00000	0.00000	-5.4017	-0.50000	0.0	0.0	0.0
	-20.00000	3.00000	0.00000	-5.6358	-0.50000	0.0	0.0	0.0
	-19.00000	3.00000	0.00000	-6.0458	-0.50000	0.0	0.0	0.0
	-18.00000	3.00000	0.00000	-6.4895	-0.50000	0.0	0.0	0.0
	-17.00000	3.00000	0.00000	-6.9704	-0.50000	0.0	0.0	0.0
	-16.00000	3.00000	0.00000	-7.4923	-0.50000	0.0	0.0	0.0
	-15.00000	3.00000	0.00000	-8.0599	-0.50000	0.0	0.0	0.0
	-14.00000	3.00000	0.00000	-8.6782	-0.50000	0.0	0.0	0.0
	-13.00000	3.00000	0.00000	-9.3533	-0.50000	0.0	0.0	0.0
	-12.00000	3.00000	0.00000	-10.092	-0.50000	0.0	0.0	0.0
	-11.00000	3.00000	0.00000	-10.904	-0.50000	0.0	0.0	0.0
	-10.00000	3.00000	0.00000	-11.797	-0.50000	0.0	0.0	0.0
	-9.00000	3.00000	0.00000	-12.786	-0.50000	0.0	0.0	0.0
	-8.00000	3.00000	0.00000	-13.884	-0.50000	0.0	0.0	0.0
	-7.00000	3.00000	0.00000	-15.112	-0.50000	0.0	0.0	0.0
	-6.00000	3.00000	0.00000	-16.495	-0.50000	0.0	0.0	0.0
	-5.00000	3.00000	0.00000	-18.065	-0.50000	0.0	0.0	0.0
	-4.00000	3.00000	0.00000	-19.870	-0.50000	0.0	0.0	0.0
	-3.00000	3.00000	0.00000	-21.977	-0.50000	0.0	0.0	0.0
	-2.00000	3.00000	0.00000	-24.486	-0.50000	0.0	0.0	0.0
	-1.00000	3.00000	0.00000	-27.564	-0.50000	0.0	0.0	0.0
	0.00000	3.00000	0.00000	-31.516	-0.50000	0.0	0.0	0.0
	1.00000	3.00000	0.00000	-37.011	-0.50000	0.0	0.0	0.0
	2.00000	3.00000	0.00000	-47.433	-0.50000	0.0	0.0	0.0
	3.00000	3.00000	0.00000	-57.841	-0.50000	0.0	0.0	0.0
	4.00000	3.00000	0.00000	-63.295	-0.50000	0.0	0.0	0.0
	5.00000	3.00000	0.00000	-67.178	-0.50000	0.0	0.0	0.0
	6.00000	3.00000	0.00000	-70.161	-0.50000	0.0	0.0	0.0
	7.00000	3.00000	0.00000	-72.548	-0.50000	0.0	0.0	0.0
	8.00000	3.00000	0.00000	-74.506	-0.50000	0.0	0.0	0.0
	9.00000	3.00000	0.00000	-76.137	-0.50000	0.0	0.0	0.0
	10.00000	3.00000	0.00000	-77.508	-0.50000	0.0	0.0	0.0
	11.00000	3.00000	0.00000	-78.664	-0.50000	0.0	0.0	0.0
	12.00000	3.00000	0.00000</					



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	0.00000	5.00000	0.00000	-34.418	-0.50000	0.0	0.0	0.0
	1.00000	5.00000	0.00000	-40.407	-0.50000	0.0	0.0	0.0
	2.00000	5.00000	0.00000	-51.366	-0.50000	0.0	0.0	0.0
	3.00000	5.00000	0.00000	-62.309	-0.50000	0.0	0.0	0.0
	4.00000	5.00000	0.00000	-68.249	-0.50000	0.0	0.0	0.0
	5.00000	5.00000	0.00000	-72.548	-0.50000	0.0	0.0	0.0
	6.00000	5.00000	0.00000	-75.873	-0.50000	0.0	0.0	0.0
	7.00000	5.00000	0.00000	-78.538	-0.50000	0.0	0.0	0.0
	8.00000	5.00000	0.00000	-80.721	-0.50000	0.0	0.0	0.0
	9.00000	5.00000	0.00000	-82.535	-0.50000	0.0	0.0	0.0
	10.00000	5.00000	0.00000	-84.055	-0.50000	0.0	0.0	0.0
	11.00000	5.00000	0.00000	-85.332	-0.50000	0.0	0.0	0.0
	12.00000	5.00000	0.00000	-86.407	-0.50000	0.0	0.0	0.0
	13.00000	5.00000	0.00000	-87.306	-0.50000	0.0	0.0	0.0
	14.00000	5.00000	0.00000	-88.051	-0.50000	0.0	0.0	0.0
	15.00000	5.00000	0.00000	-88.658	-0.50000	0.0	0.0	0.0
	16.00000	5.00000	0.00000	-89.140	-0.50000	0.0	0.0	0.0
	17.00000	5.00000	0.00000	-89.504	-0.50000	0.0	0.0	0.0
	18.00000	5.00000	0.00000	-89.758	-0.50000	0.0	0.0	0.0
	19.00000	5.00000	0.00000	-89.905	-0.50000	0.0	0.0	0.0
	20.00000	5.00000	0.00000	-89.949	-0.50000	0.0	0.0	0.0
	21.00000	5.00000	0.00000	-89.890	-0.50000	0.0	0.0	0.0
	22.00000	5.00000	0.00000	-89.726	-0.50000	0.0	0.0	0.0
	23.00000	5.00000	0.00000	-89.456	-0.50000	0.0	0.0	0.0
	24.00000	5.00000	0.00000	-89.074	-0.50000	0.0	0.0	0.0
	25.00000	5.00000	0.00000	-88.574	-0.50000	0.0	0.0	0.0
	26.00000	5.00000	0.00000	-87.946	-0.50000	0.0	0.0	0.0
	27.00000	5.00000	0.00000	-87.179	-0.50000	0.0	0.0	0.0
	28.00000	5.00000	0.00000	-86.256	-0.50000	0.0	0.0	0.0
	29.00000	5.00000	0.00000	-85.155	-0.50000	0.0	0.0	0.0
	30.00000	5.00000	0.00000	-83.850	-0.50000	0.0	0.0	0.0
	31.00000	5.00000	0.00000	-82.302	-0.50000	0.0	0.0	0.0
	32.00000	5.00000	0.00000	-80.460	-0.50000	0.0	0.0	0.0
	33.00000	5.00000	0.00000	-78.247	-0.50000	0.0	0.0	0.0
	34.00000	5.00000	0.00000	-75.554	-0.50000	0.0	0.0	0.0
	35.00000	5.00000	0.00000	-72.203	-0.50000	0.0	0.0	0.0
	36.00000	5.00000	0.00000	-67.981	-0.50000	0.0	0.0	0.0
	37.00000	5.00000	0.00000	-61.921	-0.50000	0.0	0.0	0.0
	38.00000	5.00000	0.00000	-50.963	-0.50000	0.0	0.0	0.0
	39.00000	5.00000	0.00000	-39.993	-0.50000	0.0	0.0	0.0
	40.00000	5.00000	0.00000	-33.999	-0.50000	0.0	0.0	0.0
	41.00000	5.00000	0.00000	-29.620	-0.50000	0.0	0.0	0.0
	42.00000	5.00000	0.00000	-26.189	-0.50000	0.0	0.0	0.0
	43.00000	5.00000	0.00000	-23.392	-0.50000	0.0	0.0	0.0
	44.00000	5.00000	0.00000	-21.052	-0.50000	0.0	0.0	0.0
	45.00000	5.00000	0.00000	-19.056	-0.50000	0.0	0.0	0.0
	46.00000	5.00000	0.00000	-17.328	-0.50000	0.0	0.0	0.0
	47.00000	5.00000	0.00000	-15.819	-0.50000	0.0	0.0	0.0
	48.00000	5.00000	0.00000	-14.485	-0.50000	0.0	0.0	0.0
	49.00000	5.00000	0.00000	-13.299	-0.50000	0.0	0.0	0.0
	50.00000	5.00000	0.00000	-12.237	-0.50000	0.0	0.0	0.0
	51.00000	5.00000	0.00000	-11.282	-0.50000	0.0	0.0	0.0
	52.00000	5.00000	0.00000	-10.419	-0.50000	0.0	0.0	0.0
	53.00000	5.00000	0.00000	-9.6365	-0.50000	0.0	0.0	0.0
	54.00000	5.00000	0.00000	-8.9245	-0.50000	0.0	0.0	0.0
	55.00000	5.00000	0.00000	-8.2747	-0.50000	0.0	0.0	0.0
	56.00000	5.00000	0.00000	-7.6803	-0.50000	0.0	0.0	0.0
	57.00000	5.00000	0.00000	-7.1353	-0.50000	0.0	0.0	0.0
	58.00000	5.00000	0.00000	-6.6346	-0.50000	0.0	0.0	0.0
	59.00000	5.00000	0.00000	-6.1737	-0.50000	0.0	0.0	0.0
	60.00000	5.00000	0.00000	-5.7489	-0.50000	0.0	0.0	0.0
	-20.00000	6.00000	0.00000	-5.9812	-0.50000	0.0	0.0	0.0
	-19.00000	6.00000	0.00000	-6.4286	-0.50000	0.0	0.0	0.0
	-18.00000	6.00000	0.00000	-6.9144	-0.50000	0.0	0.0	0.0
	-17.00000	6.00000	0.00000	-7.4428	-0.50000	0.0	0.0	0.0
	-16.00000	6.00000	0.00000	-8.0185	-0.50000	0.0	0.0	0.0
	-15.00000	6.00000	0.00000	-8.6468	-0.50000	0.0	0.0	0.0
	-14.00000	6.00000	0.00000	-9.3142	-0.50000	0.0	0.0	0.0
	-13.00000	6.00000	0.00000	-10.088	-0.50000	0.0	0.0	0.0
	-12.00000	6.00000	0.00000	-10.917	-0.50000	0.0	0.0	0.0
	-11.00000	6.00000	0.00000	-11.831	-0.50000	0.0	0.0	0.0
	-10.00000	6.00000	0.00000	-12.842	-0.50000	0.0	0.0	0.0
	-9.00000	6.00000	0.00000	-13.967	-0.50000	0.0	0.0	0.0
	-8.00000	6.00000	0.00000	-15.222	-0.50000	0.0	0.0	0.0
	-7.00000	6.00000	0.00000	-16.633	-0.50000	0.0	0.0	0.0
	-6.00000	6.00000	0.00000	-18.228	-0.50000	0.0	0.0	0.0
	-5.00000	6.00000	0.00000	-20.048	-0.50000	0.0	0.0	0.0
	-4.00000	6.00000	0.00000	-22.147	-0.50000	0.0	0.0	0.0
	-3.00000	6.00000	0.00000	-24.600	-0.50000	0.0	0.0	0.0
	-2.00000	6.00000	0.00000	-27.521	-0.50000	0.0	0.0	0.0
	-1.00000	6.00000	0.00000	-31.087	-0.50000	0.0	0.0	0.0
	0.00000	6.00000	0.00000	-35.612	-0.50000	0.0	0.0	0.0
	1.00000	6.00000	0.00000	-41.757	-0.50000	0.0	0.0	0.0
	2.00000	6.00000	0.00000	-52.878	-0.50000	0.0	0.0	0.0
	3.00000	6.00000	0.00000	-63.981	-0.50000	0.0	0.0	0.0
	4.00000	6.00000	0.00000	-70.073	-0.50000	0.0	0.0	0.0
	5.00000	6.00000	0.00000	-74.507	-0.50000	0.0	0.0	0.0
	6.00000	6.00000	0.00000	-77.950	-0.50000	0.0	0.0	0.0
	7.00000	6.00000	0.00000	-80.717	-0.50000	0.0	0.0	0.0
	8.00000	6.00000	0.00000	-82.985	-0.50000	0.0	0.0	0.0
	9.00000	6.00000	0.00000	-84.871	-0.50000	0.0	0.0	0.0
	10.00000	6.00000	0.00000	-86.450	-0.50000	0.0	0.0	0.0
	11.00000	6.00000	0.00000	-87.777	-0.50000	0.0	0.0	0.0
	12.00000	6.00000	0.00000	-88.893	-0.50000	0.0	0.0	0.0
	13.00000	6.00000	0.00000	-89.826	-0.50000	0.0	0.0	0.0
	14.00000	6.00000	0.00000	-90.599	-0.50000	0.0	0.0	0.0
	15.00000	6.00000	0.00000	-91.228	-0.50000	0.0	0.0	0.0
	16.00000	6.00000	0.00000	-91.727	-0.50000	0.0	0.0	0.0
	17.00000	6.00000	0.00000	-92.109	-0.50000	0.0	0.0	0.0
	18.00000	6.00000	0.00000	-92.368	-0.50000	0.0	0.0	0.0
	19.00000	6.00000	0.00000	-92.521	-0.50000	0.0	0.0	0.0
	20.00000	6.00000	0.00000	-92.566	-0.50000	0.0	0.0	0.0
	21.00000	6.00000	0.00000	-92.505	-0.50000	0.0	0.0	0.0
	22.00000	6.00000	0.00000	-92.335	-0.50000	0.0	0.0	0.0
	23.00000	6.00000	0.00000	-92.055	-0.50000	0.0	0.0	0.0
	24.00000	6.00000	0.00000	-91.659	-0.50000	0.0	0.0	0.0
	25.00000	6.00000	0.00000	-91.140	-0.50000	0.0	0.0	0.0
	26.00000	6.00000	0.00000	-90.487	-0.50000	0.0	0.0	0.0
	27.00000	6.00000	0.00000	-89.690	-0.50000	0.0	0.0	0.0
	28.00000	6.00000	0.00000	-88.729	-0.50000	0.0	0.0	0.0
	29.00000	6.00000	0.00000	-87.584	-0.50000	0.0	0.0	0.0
	30.00000	6.00000	0.00000	-86.224	-0.50000	0.0	0.0	0.0
	31.00000	6.00000	0.00000	-84.631	-0.50000	0.0	0.0	0.0
	32.00000	6.00000	0.00000	-82.691	-0.50000	0.0	0.0	0.0
	33.00000	6.00000	0.00000	-80.387	-0.50000	0.0	0.0	0.0
	34.00000	6.00000	0.00000	-77.586	-0.50000	0.0	0.0	0.0
	35.00000	6.00000	0.00000	-74.110	-0.50000	0.0	0.0	0.0
	36.00000	6.00000	0.00000	-69.646	-0.50000	0.0	0.0	0.0
	37.00000	6.00000	0.00000	-63.530	-0.50000	0.0	0.0	0.0
	38.00000	6.00000	0.00000	-52.408	-0.50000	0.0	0.0	0.0
	39.00000	6.00000	0.00000	-41.275	-0.50000	0.0	0.0	0.0
	40.00000	6.00000	0.00000	-35.124	-0.50000	0.0	0.0	0.0
	41.00000	6.00000	0.00000	-30.601	-0.50000	0.0	0.0	0.0
	42.00000	6.00000	0.00000	-27.043	-0.50000	0.0	0.0	0.0
	43.00000	6.00000	0.00000	-24.135	-0.50000	0.0	0.0	0.0
	44.00000	6.00000	0.00000	-21.700	-0.50000	0.0	0.0	0.0
	45.00000	6.00000	0.00000	-19.622	-0.50000	0.0	0.0	0.0
	46.00000	6.00000	0.00000	-17.826	-0.50000	0.0	0.0	0.0
	47.00000	6.00000	0.00000	-16.255	-0.50000	0.0	0.0	0.0
	48.00000	6.00000	0.00000	-14.869	-0.50000	0.0	0.0	0.0
	49.00000	6.00000	0.00000	-13.638	-0.50000	0.0	0.0	0.0
	50.00000	6.00000	0.00000	-12.538	-0.50000	0.0	0.0	0.0
	51.00000	6.00000						



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	39.00000	8.00000	0.00000	-43.289	-0.50000	0.0	0.0	0.0
	40.00000	8.00000	0.00000	-36.923	-0.50000	0.0	0.0	0.0
	41.00000	8.00000	0.00000	-32.198	-0.50000	0.0	0.0	0.0
	42.00000	8.00000	0.00000	-28.454	-0.50000	0.0	0.0	0.0
	43.00000	8.00000	0.00000	-25.381	-0.50000	0.0	0.0	0.0
	44.00000	8.00000	0.00000	-22.798	-0.50000	0.0	0.0	0.0
	45.00000	8.00000	0.00000	-20.590	-0.50000	0.0	0.0	0.0
	46.00000	8.00000	0.00000	-18.680	-0.50000	0.0	0.0	0.0
	47.00000	8.00000	0.00000	-17.010	-0.50000	0.0	0.0	0.0
	48.00000	8.00000	0.00000	-15.538	-0.50000	0.0	0.0	0.0
	49.00000	8.00000	0.00000	-14.231	-0.50000	0.0	0.0	0.0
	50.00000	8.00000	0.00000	-13.065	-0.50000	0.0	0.0	0.0
	51.00000	8.00000	0.00000	-12.019	-0.50000	0.0	0.0	0.0
	52.00000	8.00000	0.00000	-11.076	-0.50000	0.0	0.0	0.0
	53.00000	8.00000	0.00000	-10.223	-0.50000	0.0	0.0	0.0
	54.00000	8.00000	0.00000	-9.4498	-0.50000	0.0	0.0	0.0
	55.00000	8.00000	0.00000	-8.7458	-0.50000	0.0	0.0	0.0
	56.00000	8.00000	0.00000	-8.1034	-0.50000	0.0	0.0	0.0
	57.00000	8.00000	0.00000	-7.5160	-0.50000	0.0	0.0	0.0
	58.00000	8.00000	0.00000	-6.9777	-0.50000	0.0	0.0	0.0
	59.00000	8.00000	0.00000	-6.4834	-0.50000	0.0	0.0	0.0
	60.00000	8.00000	0.00000	-6.0288	-0.50000	0.0	0.0	0.0
	-20.00000	9.00000	0.00000	-6.2533	-0.50000	0.0	0.0	0.0
	-19.00000	9.00000	0.00000	-6.7312	-0.50000	0.0	0.0	0.0
	-18.00000	9.00000	0.00000	-7.2514	-0.50000	0.0	0.0	0.0
	-17.00000	9.00000	0.00000	-7.8188	-0.50000	0.0	0.0	0.0
	-16.00000	9.00000	0.00000	-8.4386	-0.50000	0.0	0.0	0.0
	-15.00000	9.00000	0.00000	-9.1172	-0.50000	0.0	0.0	0.0
	-14.00000	9.00000	0.00000	-9.8617	-0.50000	0.0	0.0	0.0
	-13.00000	9.00000	0.00000	-10.681	-0.50000	0.0	0.0	0.0
	-12.00000	9.00000	0.00000	-11.584	-0.50000	0.0	0.0	0.0
	-11.00000	9.00000	0.00000	-12.583	-0.50000	0.0	0.0	0.0
	-10.00000	9.00000	0.00000	-13.691	-0.50000	0.0	0.0	0.0
	-9.00000	9.00000	0.00000	-14.927	-0.50000	0.0	0.0	0.0
	-8.00000	9.00000	0.00000	-16.309	-0.50000	0.0	0.0	0.0
	-7.00000	9.00000	0.00000	-17.864	-0.50000	0.0	0.0	0.0
	-6.00000	9.00000	0.00000	-19.624	-0.50000	0.0	0.0	0.0
	-5.00000	9.00000	0.00000	-21.630	-0.50000	0.0	0.0	0.0
	-4.00000	9.00000	0.00000	-23.938	-0.50000	0.0	0.0	0.0
	-3.00000	9.00000	0.00000	-26.623	-0.50000	0.0	0.0	0.0
	-2.00000	9.00000	0.00000	-29.797	-0.50000	0.0	0.0	0.0
	-1.00000	9.00000	0.00000	-33.635	-0.50000	0.0	0.0	0.0
	0.00000	9.00000	0.00000	-38.444	-0.50000	0.0	0.0	0.0
	1.00000	9.00000	0.00000	-44.480	-0.50000	0.0	0.0	0.0
	2.00000	9.00000	0.00000	-56.288	-0.50000	0.0	0.0	0.0
	3.00000	9.00000	0.00000	-67.667	-0.50000	0.0	0.0	0.0
	4.00000	9.00000	0.00000	-78.616	-0.50000	0.0	0.0	0.0
	5.00000	9.00000	0.00000	-78.685	-0.50000	0.0	0.0	0.0
	6.00000	9.00000	0.00000	-82.337	-0.50000	0.0	0.0	0.0
	7.00000	9.00000	0.00000	-85.287	-0.50000	0.0	0.0	0.0
	8.00000	9.00000	0.00000	-87.715	-0.50000	0.0	0.0	0.0
	9.00000	9.00000	0.00000	-89.738	-0.50000	0.0	0.0	0.0
	10.00000	9.00000	0.00000	-91.435	-0.50000	0.0	0.0	0.0
	11.00000	9.00000	0.00000	-92.864	-0.50000	0.0	0.0	0.0
	12.00000	9.00000	0.00000	-94.065	-0.50000	0.0	0.0	0.0
	13.00000	9.00000	0.00000	-95.071	-0.50000	0.0	0.0	0.0
	14.00000	9.00000	0.00000	-95.904	-0.50000	0.0	0.0	0.0
	15.00000	9.00000	0.00000	-96.583	-0.50000	0.0	0.0	0.0
	16.00000	9.00000	0.00000	-97.122	-0.50000	0.0	0.0	0.0
	17.00000	9.00000	0.00000	-97.530	-0.50000	0.0	0.0	0.0
	18.00000	9.00000	0.00000	-97.815	-0.50000	0.0	0.0	0.0
	19.00000	9.00000	0.00000	-97.981	-0.50000	0.0	0.0	0.0
	20.00000	9.00000	0.00000	-98.032	-0.50000	0.0	0.0	0.0
	21.00000	9.00000	0.00000	-97.966	-0.50000	0.0	0.0	0.0
	22.00000	9.00000	0.00000	-97.784	-0.50000	0.0	0.0	0.0
	23.00000	9.00000	0.00000	-97.481	-0.50000	0.0	0.0	0.0
	24.00000	9.00000	0.00000	-97.052	-0.50000	0.0	0.0	0.0
	25.00000	9.00000	0.00000	-96.489	-0.50000	0.0	0.0	0.0
	26.00000	9.00000	0.00000	-95.781	-0.50000	0.0	0.0	0.0
	27.00000	9.00000	0.00000	-94.912	-0.50000	0.0	0.0	0.0
	28.00000	9.00000	0.00000	-93.866	-0.50000	0.0	0.0	0.0
	29.00000	9.00000	0.00000	-92.618	-0.50000	0.0	0.0	0.0
	30.00000	9.00000	0.00000	-91.136	-0.50000	0.0	0.0	0.0
	31.00000	9.00000	0.00000	-89.379	-0.50000	0.0	0.0	0.0
	32.00000	9.00000	0.00000	-87.291	-0.50000	0.0	0.0	0.0
	33.00000	9.00000	0.00000	-84.795	-0.50000	0.0	0.0	0.0
	34.00000	9.00000	0.00000	-81.775	-0.50000	0.0	0.0	0.0
	35.00000	9.00000	0.00000	-78.053	-0.50000	0.0	0.0	0.0
	36.00000	9.00000	0.00000	-73.321	-0.50000	0.0	0.0	0.0
	37.00000	9.00000	0.00000	-66.918	-0.50000	0.0	0.0	0.0
	38.00000	9.00000	0.00000	-55.499	-0.50000	0.0	0.0	0.0
	39.00000	9.00000	0.00000	-44.967	-0.50000	0.0	0.0	0.0
	40.00000	9.00000	0.00000	-37.627	-0.50000	0.0	0.0	0.0
	41.00000	9.00000	0.00000	-32.831	-0.50000	0.0	0.0	0.0
	42.00000	9.00000	0.00000	-29.021	-0.50000	0.0	0.0	0.0
	43.00000	9.00000	0.00000	-25.886	-0.50000	0.0	0.0	0.0
	44.00000	9.00000	0.00000	-23.247	-0.50000	0.0	0.0	0.0
	45.00000	9.00000	0.00000	-20.990	-0.50000	0.0	0.0	0.0
	46.00000	9.00000	0.00000	-19.035	-0.50000	0.0	0.0	0.0
	47.00000	9.00000	0.00000	-17.326	-0.50000	0.0	0.0	0.0
	48.00000	9.00000	0.00000	-15.819	-0.50000	0.0	0.0	0.0
	49.00000	9.00000	0.00000	-14.481	-0.50000	0.0	0.0	0.0
	50.00000	9.00000	0.00000	-13.288	-0.50000	0.0	0.0	0.0
	51.00000	9.00000	0.00000	-12.217	-0.50000	0.0	0.0	0.0
	52.00000	9.00000	0.00000	-11.253	-0.50000	0.0	0.0	0.0
	53.00000	9.00000	0.00000	-10.382	-0.50000	0.0	0.0	0.0
	54.00000	9.00000	0.00000	-9.5919	-0.50000	0.0	0.0	0.0
	55.00000	9.00000	0.00000	-8.8733	-0.50000	0.0	0.0	0.0
	56.00000	9.00000	0.00000	-8.2180	-0.50000	0.0	0.0	0.0
	57.00000	9.00000	0.00000	-7.6190	-0.50000	0.0	0.0	0.0
	58.00000	9.00000	0.00000	-7.0705	-0.50000	0.0	0.0	0.0
	59.00000	9.00000	0.00000	-6.5671	-0.50000	0.0	0.0	0.0
	60.00000	9.00000	0.00000	-6.1044	-0.50000	0.0	0.0	0.0
	-20.00000	10.00000	0.00000	-6.3249	-0.50000	0.0	0.0	0.0
	-19.00000	10.00000	0.00000	-6.8110	-0.50000	0.0	0.0	0.0
	-18.00000	10.00000	0.00000	-7.3406	-0.50000	0.0	0.0	0.0
	-17.00000	10.00000	0.00000	-7.9186	-0.50000	0.0	0.0	0.0
	-16.00000	10.00000	0.00000	-8.5506	-0.50000	0.0	0.0	0.0
	-15.00000	10.00000	0.00000	-9.2429	-0.50000	0.0	0.0	0.0
	-14.00000	10.00000	0.00000	-10.003	-0.50000	0.0	0.0	0.0
	-13.00000	10.00000	0.00000	-10.840	-0.50000	0.0	0.0	0.0
	-12.00000	10.00000	0.00000	-11.764	-0.50000	0.0	0.0	0.0
	-11.00000	10.00000	0.00000	-12.787	-0.50000	0.0	0.0	0.0
	-10.00000	10.00000	0.00000	-13.923	-0.50000	0.0	0.0	0.0
	-9.00000	10.00000	0.00000	-15.190	-0.50000	0.0	0.0	0.0
	-8.00000	10.00000	0.00000	-16.609	-0.50000	0.0	0.0	0.0
	-7.00000	10.00000	0.00000	-18.206	-0.50000	0.0	0.0	0.0
	-6.00000	10.00000	0.00000	-20.013	-0.50000	0.0	0.0	0.0
	-5.00000	10.00000	0.00000	-22.072	-0.50000	0.0	0.0	0.0
	-4.00000	10.00000	0.00000	-24.439	-0.50000	0.0	0.0	0.0
	-3.00000	10.00000	0.00000	-27.188	-0.50000	0.0	0.0	0.0
	-2.00000	10.00000	0.00000	-30.430	-0.50000	0.0	0.0	0.0
	-1.00000	10.00000	0.00000	-34.237	-0.50000	0.0	0.0	0.0
	0.00000	10.00000	0.00000	-39.212	-0.50000	0.0	0.0	0.0
	1.00000	10.00000	0.00000	-45.709	-0.50000	0.0	0.0	0.0
	2.00000	10.00000	0.00000	-57.170	-0.50000	0.0	0.0	0.0
	3.00000	10.00000	0.00000	-68.993	-0.50000	0.0	0.0	0.0
	4.00000	10.00000	0.00000	-74.979	-0.50000	0.0	0.0	0.0
	5.00000	10.00000	0.00000	-79.680	-0.50000	0.0	0.0	0.0
	6.00000	10.00000	0.00000	-83.361	-0.50000	0.0	0.0	0.0
	7.00000	10.00000	0.00000	-86.337	-0.50000	0.0	0.0	0.0
	8.00000	10.00000	0.00000	-88.788	-0.50000	0.0	0.0	0.0
	9.							



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-3.00000	12.00000	0.00000	-28.210	-0.50000	0.0	0.0	0.0
	-2.00000	12.00000	0.00000	-31.597	-0.50000	0.0	0.0	0.0
	-1.00000	12.00000	0.00000	-35.650	-0.50000	0.0	0.0	0.0
	0.00000	12.00000	0.00000	-40.655	-0.50000	0.0	0.0	0.0
	1.00000	12.00000	0.00000	-47.247	-0.50000	0.0	0.0	0.0
	2.00000	12.00000	0.00000	-58.160	-0.50000	0.0	0.0	0.0
	3.00000	12.00000	0.00000	-70.199	-0.50000	0.0	0.0	0.0
	4.00000	12.00000	0.00000	-76.580	-0.50000	0.0	0.0	0.0
	5.00000	12.00000	0.00000	-81.269	-0.50000	0.0	0.0	0.0
	6.00000	12.00000	0.00000	-84.940	-0.50000	0.0	0.0	0.0
	7.00000	12.00000	0.00000	-87.911	-0.50000	0.0	0.0	0.0
	8.00000	12.00000	0.00000	-90.965	-0.50000	0.0	0.0	0.0
	9.00000	12.00000	0.00000	-92.417	-0.50000	0.0	0.0	0.0
	10.00000	12.00000	0.00000	-94.144	-0.50000	0.0	0.0	0.0
	11.00000	12.00000	0.00000	-95.602	-0.50000	0.0	0.0	0.0
	12.00000	12.00000	0.00000	-96.833	-0.50000	0.0	0.0	0.0
	13.00000	12.00000	0.00000	-97.866	-0.50000	0.0	0.0	0.0
	14.00000	12.00000	0.00000	-98.725	-0.50000	0.0	0.0	0.0
	15.00000	12.00000	0.00000	-99.428	-0.50000	0.0	0.0	0.0
	16.00000	12.00000	0.00000	-99.987	-0.50000	0.0	0.0	0.0
	17.00000	12.00000	0.00000	-100.41	-0.50000	0.0	0.0	0.0
	18.00000	12.00000	0.00000	-100.71	-0.50000	0.0	0.0	0.0
	19.00000	12.00000	0.00000	-100.89	-0.50000	0.0	0.0	0.0
	20.00000	12.00000	0.00000	-100.95	-0.50000	0.0	0.0	0.0
	21.00000	12.00000	0.00000	-100.88	-0.50000	0.0	0.0	0.0
	22.00000	12.00000	0.00000	-100.70	-0.50000	0.0	0.0	0.0
	23.00000	12.00000	0.00000	-100.39	-0.50000	0.0	0.0	0.0
	24.00000	12.00000	0.00000	-99.943	-0.50000	0.0	0.0	0.0
	25.00000	12.00000	0.00000	-99.359	-0.50000	0.0	0.0	0.0
	26.00000	12.00000	0.00000	-98.622	-0.50000	0.0	0.0	0.0
	27.00000	12.00000	0.00000	-97.717	-0.50000	0.0	0.0	0.0
	28.00000	12.00000	0.00000	-96.625	-0.50000	0.0	0.0	0.0
	29.00000	12.00000	0.00000	-95.321	-0.50000	0.0	0.0	0.0
	30.00000	12.00000	0.00000	-93.773	-0.50000	0.0	0.0	0.0
	31.00000	12.00000	0.00000	-91.939	-0.50000	0.0	0.0	0.0
	32.00000	12.00000	0.00000	-89.763	-0.50000	0.0	0.0	0.0
	33.00000	12.00000	0.00000	-87.166	-0.50000	0.0	0.0	0.0
	34.00000	12.00000	0.00000	-84.035	-0.50000	0.0	0.0	0.0
	35.00000	12.00000	0.00000	-80.193	-0.50000	0.0	0.0	0.0
	36.00000	12.00000	0.00000	-75.231	-0.50000	0.0	0.0	0.0
	37.00000	12.00000	0.00000	-68.793	-0.50000	0.0	0.0	0.0
	38.00000	12.00000	0.00000	-57.234	-0.50000	0.0	0.0	0.0
	39.00000	12.00000	0.00000	-45.661	-0.50000	0.0	0.0	0.0
	40.00000	12.00000	0.00000	-39.082	-0.50000	0.0	0.0	0.0
	41.00000	12.00000	0.00000	-34.152	-0.50000	0.0	0.0	0.0
	42.00000	12.00000	0.00000	-30.214	-0.50000	0.0	0.0	0.0
	43.00000	12.00000	0.00000	-26.960	-0.50000	0.0	0.0	0.0
	44.00000	12.00000	0.00000	-24.211	-0.50000	0.0	0.0	0.0
	45.00000	12.00000	0.00000	-21.852	-0.50000	0.0	0.0	0.0
	46.00000	12.00000	0.00000	-19.806	-0.50000	0.0	0.0	0.0
	47.00000	12.00000	0.00000	-18.014	-0.50000	0.0	0.0	0.0
	48.00000	12.00000	0.00000	-16.434	-0.50000	0.0	0.0	0.0
	49.00000	12.00000	0.00000	-15.031	-0.50000	0.0	0.0	0.0
	50.00000	12.00000	0.00000	-13.779	-0.50000	0.0	0.0	0.0
	51.00000	12.00000	0.00000	-12.656	-0.50000	0.0	0.0	0.0
	52.00000	12.00000	0.00000	-11.646	-0.50000	0.0	0.0	0.0
	53.00000	12.00000	0.00000	-10.734	-0.50000	0.0	0.0	0.0
	54.00000	12.00000	0.00000	-9.9073	-0.50000	0.0	0.0	0.0
	55.00000	12.00000	0.00000	-9.1564	-0.50000	0.0	0.0	0.0
	56.00000	12.00000	0.00000	-8.4724	-0.50000	0.0	0.0	0.0
	57.00000	12.00000	0.00000	-7.8480	-0.50000	0.0	0.0	0.0
	58.00000	12.00000	0.00000	-7.2768	-0.50000	0.0	0.0	0.0
	59.00000	12.00000	0.00000	-6.7532	-0.50000	0.0	0.0	0.0
	60.00000	12.00000	0.00000	-6.2725	-0.50000	0.0	0.0	0.0
	-20.00000	13.00000	0.00000	-6.4754	-0.50000	0.0	0.0	0.0
	-19.00000	13.00000	0.00000	-6.9796	-0.50000	0.0	0.0	0.0
	-18.00000	13.00000	0.00000	-7.5298	-0.50000	0.0	0.0	0.0
	-17.00000	13.00000	0.00000	-8.1314	-0.50000	0.0	0.0	0.0
	-16.00000	13.00000	0.00000	-8.7905	-0.50000	0.0	0.0	0.0
	-15.00000	13.00000	0.00000	-9.5142	-0.50000	0.0	0.0	0.0
	-14.00000	13.00000	0.00000	-10.311	-0.50000	0.0	0.0	0.0
	-13.00000	13.00000	0.00000	-11.190	-0.50000	0.0	0.0	0.0
	-12.00000	13.00000	0.00000	-12.163	-0.50000	0.0	0.0	0.0
	-11.00000	13.00000	0.00000	-13.243	-0.50000	0.0	0.0	0.0
	-10.00000	13.00000	0.00000	-14.447	-0.50000	0.0	0.0	0.0
	-9.00000	13.00000	0.00000	-15.793	-0.50000	0.0	0.0	0.0
	-8.00000	13.00000	0.00000	-17.306	-0.50000	0.0	0.0	0.0
	-7.00000	13.00000	0.00000	-19.013	-0.50000	0.0	0.0	0.0
	-6.00000	13.00000	0.00000	-20.953	-0.50000	0.0	0.0	0.0
	-5.00000	13.00000	0.00000	-23.169	-0.50000	0.0	0.0	0.0
	-4.00000	13.00000	0.00000	-25.722	-0.50000	0.0	0.0	0.0
	-3.00000	13.00000	0.00000	-28.688	-0.50000	0.0	0.0	0.0
	-2.00000	13.00000	0.00000	-32.175	-0.50000	0.0	0.0	0.0
	-1.00000	13.00000	0.00000	-36.335	-0.50000	0.0	0.0	0.0
	0.00000	13.00000	0.00000	-41.436	-0.50000	0.0	0.0	0.0
	1.00000	13.00000	0.00000	-48.080	-0.50000	0.0	0.0	0.0
	2.00000	13.00000	0.00000	-59.583	-0.50000	0.0	0.0	0.0
	3.00000	13.00000	0.00000	-70.967	-0.50000	0.0	0.0	0.0
	4.00000	13.00000	0.00000	-77.278	-0.50000	0.0	0.0	0.0
	5.00000	13.00000	0.00000	-81.906	-0.50000	0.0	0.0	0.0
	6.00000	13.00000	0.00000	-85.531	-0.50000	0.0	0.0	0.0
	7.00000	13.00000	0.00000	-88.469	-0.50000	0.0	0.0	0.0
	8.00000	13.00000	0.00000	-90.900	-0.50000	0.0	0.0	0.0
	9.00000	13.00000	0.00000	-92.937	-0.50000	0.0	0.0	0.0
	10.00000	13.00000	0.00000	-94.655	-0.50000	0.0	0.0	0.0
	11.00000	13.00000	0.00000	-96.108	-0.50000	0.0	0.0	0.0
	12.00000	13.00000	0.00000	-97.337	-0.50000	0.0	0.0	0.0
	13.00000	13.00000	0.00000	-98.370	-0.50000	0.0	0.0	0.0
	14.00000	13.00000	0.00000	-99.231	-0.50000	0.0	0.0	0.0
	15.00000	13.00000	0.00000	-99.936	-0.50000	0.0	0.0	0.0
	16.00000	13.00000	0.00000	-100.50	-0.50000	0.0	0.0	0.0
	17.00000	13.00000	0.00000	-100.93	-0.50000	0.0	0.0	0.0
	18.00000	13.00000	0.00000	-101.23	-0.50000	0.0	0.0	0.0
	19.00000	13.00000	0.00000	-101.41	-0.50000	0.0	0.0	0.0
	20.00000	13.00000	0.00000	-101.47	-0.50000	0.0	0.0	0.0
	21.00000	13.00000	0.00000	-101.41	-0.50000	0.0	0.0	0.0
	22.00000	13.00000	0.00000	-101.23	-0.50000	0.0	0.0	0.0
	23.00000	13.00000	0.00000	-100.92	-0.50000	0.0	0.0	0.0
	24.00000	13.00000	0.00000	-100.47	-0.50000	0.0	0.0	0.0
	25.00000	13.00000	0.00000	-99.889	-0.50000	0.0	0.0	0.0
	26.00000	13.00000	0.00000	-99.149	-0.50000	0.0	0.0	0.0
	27.00000	13.00000	0.00000	-98.239	-0.50000	0.0	0.0	0.0
	28.00000	13.00000	0.00000	-97.141	-0.50000	0.0	0.0	0.0
	29.00000	13.00000	0.00000	-95.828	-0.50000	0.0	0.0	0.0
	30.00000	13.00000	0.00000	-94.269	-0.50000	0.0	0.0	0.0
	31.00000	13.00000	0.00000	-92.423	-0.50000	0.0	0.0	0.0
	32.00000	13.00000	0.00000	-90.231	-0.50000	0.0	0.0	0.0
	33.00000	13.00000	0.00000	-87.617	-0.50000	0.0	0.0	0.0
	34.00000	13.00000	0.00000	-84.467	-0.50000	0.0	0.0	0.0
	35.00000	13.00000	0.00000	-80.604	-0.50000	0.0	0.0	0.0
	36.00000	13.00000	0.00000	-75.719	-0.50000	0.0	0.0	0.0
	37.00000	13.00000	0.00000	-69.156	-0.50000	0.0	0.0	0.0
	38.00000	13.00000	0.00000	-61.972	-0.50000	0.0	0.0	0.0
	39.00000	13.00000	0.00000	-45.974	-0.50000	0.0	0.0	0.0
	40.00000	13.00000	0.00000	-39.370	-0.50000	0.0	0.0	0.0
	41.00000	13.00000	0.00000	-34.415	-0.50000	0.0	0.0	0.0
	42.00000	13.00000	0.00000	-30.454	-0.50000	0.0	0.0	0.0
	43.00000	13.00000	0.00000	-27.177	-0.50000	0.0	0.0	0.0
	44.00000	13.00000	0.00000	-24.407	-0.50000	0.0	0.0	0.0
	45.00000	13.00000	0.00000	-22.029	-0.50000	0.0	0.0	0.0
	46.00000	13.00000	0.00000	-19.965	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	36.00000	15.00000	0.00000	-76.123	-0.50000	0.0	0.0	0.0
	37.00000	15.00000	0.00000	-69.537	-0.50000	0.0	0.0	0.0
	38.00000	15.00000	0.00000	-57.928	-0.50000	0.0	0.0	0.0
	39.00000	15.00000	0.00000	-46.305	-0.50000	0.0	0.0	0.0
	40.00000	15.00000	0.00000	-39.676	-0.50000	0.0	0.0	0.0
	41.00000	15.00000	0.00000	-34.696	-0.50000	0.0	0.0	0.0
	42.00000	15.00000	0.00000	-30.711	-0.50000	0.0	0.0	0.0
	43.00000	15.00000	0.00000	-27.410	-0.50000	0.0	0.0	0.0
	44.00000	15.00000	0.00000	-24.618	-0.50000	0.0	0.0	0.0
	45.00000	15.00000	0.00000	-22.220	-0.50000	0.0	0.0	0.0
	46.00000	15.00000	0.00000	-20.137	-0.50000	0.0	0.0	0.0
	47.00000	15.00000	0.00000	-18.312	-0.50000	0.0	0.0	0.0
	48.00000	15.00000	0.00000	-16.700	-0.50000	0.0	0.0	0.0
	49.00000	15.00000	0.00000	-15.270	-0.50000	0.0	0.0	0.0
	50.00000	15.00000	0.00000	-13.993	-0.50000	0.0	0.0	0.0
	51.00000	15.00000	0.00000	-12.848	-0.50000	0.0	0.0	0.0
	52.00000	15.00000	0.00000	-11.818	-0.50000	0.0	0.0	0.0
	53.00000	15.00000	0.00000	-10.888	-0.50000	0.0	0.0	0.0
	54.00000	15.00000	0.00000	-10.046	-0.50000	0.0	0.0	0.0
	55.00000	15.00000	0.00000	-9.2805	-0.50000	0.0	0.0	0.0
	56.00000	15.00000	0.00000	-8.5840	-0.50000	0.0	0.0	0.0
	57.00000	15.00000	0.00000	-7.9484	-0.50000	0.0	0.0	0.0
	58.00000	15.00000	0.00000	-7.3671	-0.50000	0.0	0.0	0.0
	59.00000	15.00000	0.00000	-6.8347	-0.50000	0.0	0.0	0.0
	60.00000	15.00000	0.00000	-6.3460	-0.50000	0.0	0.0	0.0
	-20.00000	16.00000	0.00000	-6.5217	-0.50000	0.0	0.0	0.0
	-19.00000	16.00000	0.00000	-7.0326	-0.50000	0.0	0.0	0.0
	-18.00000	16.00000	0.00000	-7.5909	-0.50000	0.0	0.0	0.0
	-17.00000	16.00000	0.00000	-8.2021	-0.50000	0.0	0.0	0.0
	-16.00000	16.00000	0.00000	-8.8727	-0.50000	0.0	0.0	0.0
	-15.00000	16.00000	0.00000	-9.6104	-0.50000	0.0	0.0	0.0
	-14.00000	16.00000	0.00000	-10.424	-0.50000	0.0	0.0	0.0
	-13.00000	16.00000	0.00000	-11.324	-0.50000	0.0	0.0	0.0
	-12.00000	16.00000	0.00000	-12.322	-0.50000	0.0	0.0	0.0
	-11.00000	16.00000	0.00000	-13.435	-0.50000	0.0	0.0	0.0
	-10.00000	16.00000	0.00000	-14.679	-0.50000	0.0	0.0	0.0
	-9.00000	16.00000	0.00000	-16.077	-0.50000	0.0	0.0	0.0
	-8.00000	16.00000	0.00000	-17.658	-0.50000	0.0	0.0	0.0
	-7.00000	16.00000	0.00000	-19.455	-0.50000	0.0	0.0	0.0
	-6.00000	16.00000	0.00000	-21.516	-0.50000	0.0	0.0	0.0
	-5.00000	16.00000	0.00000	-23.902	-0.50000	0.0	0.0	0.0
	-4.00000	16.00000	0.00000	-26.699	-0.50000	0.0	0.0	0.0
	-3.00000	16.00000	0.00000	-30.037	-0.50000	0.0	0.0	0.0
	-2.00000	16.00000	0.00000	-34.127	-0.50000	0.0	0.0	0.0
	-1.00000	16.00000	0.00000	-39.389	-0.50000	0.0	0.0	0.0
	0.00000	16.00000	0.00000	-47.647	-0.50000	0.0	0.0	0.0
	1.00000	16.00000	0.00000	-56.728	-0.50000	0.0	0.0	0.0
	2.00000	16.00000	0.00000	-65.803	-0.50000	0.0	0.0	0.0
	3.00000	16.00000	0.00000	-74.038	-0.50000	0.0	0.0	0.0
	4.00000	16.00000	0.00000	-79.260	-0.50000	0.0	0.0	0.0
	5.00000	16.00000	0.00000	-83.594	-0.50000	0.0	0.0	0.0
	6.00000	16.00000	0.00000	-86.557	-0.50000	0.0	0.0	0.0
	7.00000	16.00000	0.00000	-89.262	-0.50000	0.0	0.0	0.0
	8.00000	16.00000	0.00000	-91.536	-0.50000	0.0	0.0	0.0
	9.00000	16.00000	0.00000	-93.464	-0.50000	0.0	0.0	0.0
	10.00000	16.00000	0.00000	-95.107	-0.50000	0.0	0.0	0.0
	11.00000	16.00000	0.00000	-96.508	-0.50000	0.0	0.0	0.0
	12.00000	16.00000	0.00000	-97.701	-0.50000	0.0	0.0	0.0
	13.00000	16.00000	0.00000	-98.712	-0.50000	0.0	0.0	0.0
	14.00000	16.00000	0.00000	-99.560	-0.50000	0.0	0.0	0.0
	15.00000	16.00000	0.00000	-100.26	-0.50000	0.0	0.0	0.0
	16.00000	16.00000	0.00000	-100.82	-0.50000	0.0	0.0	0.0
	17.00000	16.00000	0.00000	-101.26	-0.50000	0.0	0.0	0.0
	18.00000	16.00000	0.00000	-101.58	-0.50000	0.0	0.0	0.0
	19.00000	16.00000	0.00000	-101.77	-0.50000	0.0	0.0	0.0
	20.00000	16.00000	0.00000	-101.85	-0.50000	0.0	0.0	0.0
	21.00000	16.00000	0.00000	-101.81	-0.50000	0.0	0.0	0.0
	22.00000	16.00000	0.00000	-101.64	-0.50000	0.0	0.0	0.0
	23.00000	16.00000	0.00000	-101.35	-0.50000	0.0	0.0	0.0
	24.00000	16.00000	0.00000	-100.93	-0.50000	0.0	0.0	0.0
	25.00000	16.00000	0.00000	-100.36	-0.50000	0.0	0.0	0.0
	26.00000	16.00000	0.00000	-99.631	-0.50000	0.0	0.0	0.0
	27.00000	16.00000	0.00000	-98.732	-0.50000	0.0	0.0	0.0
	28.00000	16.00000	0.00000	-97.642	-0.50000	0.0	0.0	0.0
	29.00000	16.00000	0.00000	-96.333	-0.50000	0.0	0.0	0.0
	30.00000	16.00000	0.00000	-94.775	-0.50000	0.0	0.0	0.0
	31.00000	16.00000	0.00000	-92.925	-0.50000	0.0	0.0	0.0
	32.00000	16.00000	0.00000	-90.726	-0.50000	0.0	0.0	0.0
	33.00000	16.00000	0.00000	-88.100	-0.50000	0.0	0.0	0.0
	34.00000	16.00000	0.00000	-84.935	-0.50000	0.0	0.0	0.0
	35.00000	16.00000	0.00000	-81.053	-0.50000	0.0	0.0	0.0
	36.00000	16.00000	0.00000	-76.147	-0.50000	0.0	0.0	0.0
	37.00000	16.00000	0.00000	-69.561	-0.50000	0.0	0.0	0.0
	38.00000	16.00000	0.00000	-57.953	-0.50000	0.0	0.0	0.0
	39.00000	16.00000	0.00000	-46.328	-0.50000	0.0	0.0	0.0
	40.00000	16.00000	0.00000	-39.698	-0.50000	0.0	0.0	0.0
	41.00000	16.00000	0.00000	-34.717	-0.50000	0.0	0.0	0.0
	42.00000	16.00000	0.00000	-30.730	-0.50000	0.0	0.0	0.0
	43.00000	16.00000	0.00000	-27.428	-0.50000	0.0	0.0	0.0
	44.00000	16.00000	0.00000	-24.635	-0.50000	0.0	0.0	0.0
	45.00000	16.00000	0.00000	-22.235	-0.50000	0.0	0.0	0.0
	46.00000	16.00000	0.00000	-20.150	-0.50000	0.0	0.0	0.0
	47.00000	16.00000	0.00000	-18.324	-0.50000	0.0	0.0	0.0
	48.00000	16.00000	0.00000	-16.711	-0.50000	0.0	0.0	0.0
	49.00000	16.00000	0.00000	-15.279	-0.50000	0.0	0.0	0.0
	50.00000	16.00000	0.00000	-14.001	-0.50000	0.0	0.0	0.0
	51.00000	16.00000	0.00000	-12.856	-0.50000	0.0	0.0	0.0
	52.00000	16.00000	0.00000	-11.825	-0.50000	0.0	0.0	0.0
	53.00000	16.00000	0.00000	-10.894	-0.50000	0.0	0.0	0.0
	54.00000	16.00000	0.00000	-10.051	-0.50000	0.0	0.0	0.0
	55.00000	16.00000	0.00000	-9.2853	-0.50000	0.0	0.0	0.0
	56.00000	16.00000	0.00000	-8.5882	-0.50000	0.0	0.0	0.0
	57.00000	16.00000	0.00000	-7.9521	-0.50000	0.0	0.0	0.0
	58.00000	16.00000	0.00000	-7.3705	-0.50000	0.0	0.0	0.0
	59.00000	16.00000	0.00000	-6.8377	-0.50000	0.0	0.0	0.0
	60.00000	16.00000	0.00000	-6.3487	-0.50000	0.0	0.0	0.0
	-20.00000	17.00000	0.00000	-6.5129	-0.50000	0.0	0.0	0.0
	-19.00000	17.00000	0.00000	-7.0234	-0.50000	0.0	0.0	0.0
	-18.00000	17.00000	0.00000	-7.5813	-0.50000	0.0	0.0	0.0
	-17.00000	17.00000	0.00000	-8.1922	-0.50000	0.0	0.0	0.0
	-16.00000	17.00000	0.00000	-8.8628	-0.50000	0.0	0.0	0.0
	-15.00000	17.00000	0.00000	-9.6007	-0.50000	0.0	0.0	0.0
	-14.00000	17.00000	0.00000	-10.415	-0.50000	0.0	0.0	0.0
	-13.00000	17.00000	0.00000	-11.316	-0.50000	0.0	0.0	0.0
	-12.00000	17.00000	0.00000	-12.317	-0.50000	0.0	0.0	0.0
	-11.00000	17.00000	0.00000	-13.433	-0.50000	0.0	0.0	0.0
	-10.00000	17.00000	0.00000	-14.683	-0.50000	0.0	0.0	0.0
	-9.00000	17.00000	0.00000	-16.090	-0.50000	0.0	0.0	0.0
	-8.00000	17.00000	0.00000	-17.684	-0.50000	0.0	0.0	0.0
	-7.00000	17.00000	0.00000	-19.502	-0.50000	0.0	0.0	0.0
	-6.00000	17.00000	0.00000	-21.594	-0.50000	0.0	0.0	0.0
	-5.00000	17.00000	0.00000	-24.028	-0.50000	0.0	0.0	0.0
	-4.00000	17.00000	0.00000	-26.903	-0.50000	0.0	0.0	0.0
	-3.00000	17.00000	0.00000	-30.374	-0.50000	0.0	0.0	0.0
	-2.00000	17.00000	0.00000	-34.715	-0.50000	0.0	0.0	0.0
	-1.00000	17.00000	0.00000	-40.546	-0.50000	0.0	0.0	0.0
	0.00000	17.00000	0.00000	-51.274	-0.50000	0.0	0.0	0.0
	1.00000	17.00000	0.00000	-62.414	-0.50000	0.0	0.0	0.0
	2.00000	17.00000	0.00000	-69.395	-0.50000	0.0	0.0	0.0
	3.00000	17.00000	0.00000	-75.126	-0.50000	0.0	0.0	0.0
	4.00000	17.00000	0.00000	-79.745	-0.50000	0.0	0.0	0.0</



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-6.00000	19.00000	0.00000	-21.532	-0.50000	0.0	0.0	0.0
	-5.00000	19.00000	0.00000	-24.020	-0.50000	0.0	0.0	0.0
	-4.00000	19.00000	0.00000	-26.989	-0.50000	0.0	0.0	0.0
	-3.00000	19.00000	0.00000	-30.619	-0.50000	0.0	0.0	0.0
	-2.00000	19.00000	0.00000	-35.229	-0.50000	0.0	0.0	0.0
	-1.00000	19.00000	0.00000	-41.503	-0.50000	0.0	0.0	0.0
	0.00000	19.00000	0.00000	-52.829	-0.50000	0.0	0.0	0.0
	1.00000	19.00000	0.00000	-64.259	-0.50000	0.0	0.0	0.0
	2.00000	19.00000	0.00000	-70.815	-0.50000	0.0	0.0	0.0
	3.00000	19.00000	0.00000	-75.814	-0.50000	0.0	0.0	0.0
	4.00000	19.00000	0.00000	-79.862	-0.50000	0.0	0.0	0.0
	5.00000	19.00000	0.00000	-83.225	-0.50000	0.0	0.0	0.0
	6.00000	19.00000	0.00000	-86.057	-0.50000	0.0	0.0	0.0
	7.00000	19.00000	0.00000	-88.464	-0.50000	0.0	0.0	0.0
	8.00000	19.00000	0.00000	-90.523	-0.50000	0.0	0.0	0.0
	9.00000	19.00000	0.00000	-92.292	-0.50000	0.0	0.0	0.0
	10.00000	19.00000	0.00000	-93.816	-0.50000	0.0	0.0	0.0
	11.00000	19.00000	0.00000	-95.129	-0.50000	0.0	0.0	0.0
	12.00000	19.00000	0.00000	-96.257	-0.50000	0.0	0.0	0.0
	13.00000	19.00000	0.00000	-97.223	-0.50000	0.0	0.0	0.0
	14.00000	19.00000	0.00000	-98.042	-0.50000	0.0	0.0	0.0
	15.00000	19.00000	0.00000	-98.728	-0.50000	0.0	0.0	0.0
	16.00000	19.00000	0.00000	-99.291	-0.50000	0.0	0.0	0.0
	17.00000	19.00000	0.00000	-99.738	-0.50000	0.0	0.0	0.0
	18.00000	19.00000	0.00000	-100.07	-0.50000	0.0	0.0	0.0
	19.00000	19.00000	0.00000	-100.30	-0.50000	0.0	0.0	0.0
	20.00000	19.00000	0.00000	-100.41	-0.50000	0.0	0.0	0.0
	21.00000	19.00000	0.00000	-100.42	-0.50000	0.0	0.0	0.0
	22.00000	19.00000	0.00000	-100.30	-0.50000	0.0	0.0	0.0
	23.00000	19.00000	0.00000	-100.06	-0.50000	0.0	0.0	0.0
	24.00000	19.00000	0.00000	-99.693	-0.50000	0.0	0.0	0.0
	25.00000	19.00000	0.00000	-99.179	-0.50000	0.0	0.0	0.0
	26.00000	19.00000	0.00000	-98.509	-0.50000	0.0	0.0	0.0
	27.00000	19.00000	0.00000	-97.665	-0.50000	0.0	0.0	0.0
	28.00000	19.00000	0.00000	-96.628	-0.50000	0.0	0.0	0.0
	29.00000	19.00000	0.00000	-95.371	-0.50000	0.0	0.0	0.0
	30.00000	19.00000	0.00000	-93.863	-0.50000	0.0	0.0	0.0
	31.00000	19.00000	0.00000	-92.062	-0.50000	0.0	0.0	0.0
	32.00000	19.00000	0.00000	-89.912	-0.50000	0.0	0.0	0.0
	33.00000	19.00000	0.00000	-87.334	-0.50000	0.0	0.0	0.0
	34.00000	19.00000	0.00000	-84.216	-0.50000	0.0	0.0	0.0
	35.00000	19.00000	0.00000	-80.381	-0.50000	0.0	0.0	0.0
	36.00000	19.00000	0.00000	-75.521	-0.50000	0.0	0.0	0.0
	37.00000	19.00000	0.00000	-68.980	-0.50000	0.0	0.0	0.0
	38.00000	19.00000	0.00000	-57.416	-0.50000	0.0	0.0	0.0
	39.00000	19.00000	0.00000	-45.835	-0.50000	0.0	0.0	0.0
	40.00000	19.00000	0.00000	-39.246	-0.50000	0.0	0.0	0.0
	41.00000	19.00000	0.00000	-34.304	-0.50000	0.0	0.0	0.0
	42.00000	19.00000	0.00000	-30.355	-0.50000	0.0	0.0	0.0
	43.00000	19.00000	0.00000	-27.088	-0.50000	0.0	0.0	0.0
	44.00000	19.00000	0.00000	-24.327	-0.50000	0.0	0.0	0.0
	45.00000	19.00000	0.00000	-21.958	-0.50000	0.0	0.0	0.0
	46.00000	19.00000	0.00000	-19.901	-0.50000	0.0	0.0	0.0
	47.00000	19.00000	0.00000	-18.039	-0.50000	0.0	0.0	0.0
	48.00000	19.00000	0.00000	-16.509	-0.50000	0.0	0.0	0.0
	49.00000	19.00000	0.00000	-15.098	-0.50000	0.0	0.0	0.0
	50.00000	19.00000	0.00000	-13.838	-0.50000	0.0	0.0	0.0
	51.00000	19.00000	0.00000	-12.709	-0.50000	0.0	0.0	0.0
	52.00000	19.00000	0.00000	-11.693	-0.50000	0.0	0.0	0.0
	53.00000	19.00000	0.00000	-10.776	-0.50000	0.0	0.0	0.0
	54.00000	19.00000	0.00000	-9.9445	-0.50000	0.0	0.0	0.0
	55.00000	19.00000	0.00000	-9.1894	-0.50000	0.0	0.0	0.0
	56.00000	19.00000	0.00000	-8.5018	-0.50000	0.0	0.0	0.0
	57.00000	19.00000	0.00000	-7.9742	-0.50000	0.0	0.0	0.0
	58.00000	19.00000	0.00000	-7.3001	-0.50000	0.0	0.0	0.0
	59.00000	19.00000	0.00000	-6.7740	-0.50000	0.0	0.0	0.0
	60.00000	19.00000	0.00000	-6.2911	-0.50000	0.0	0.0	0.0
	20.00000	20.00000	0.00000	-6.4130	-0.50000	0.0	0.0	0.0
	-19.00000	20.00000	0.00000	-6.9137	-0.50000	0.0	0.0	0.0
	-18.00000	20.00000	0.00000	-7.4608	-0.50000	0.0	0.0	0.0
	-17.00000	20.00000	0.00000	-8.0600	-0.50000	0.0	0.0	0.0
	-16.00000	20.00000	0.00000	-8.7178	-0.50000	0.0	0.0	0.0
	-15.00000	20.00000	0.00000	-9.4420	-0.50000	0.0	0.0	0.0
	-14.00000	20.00000	0.00000	-10.242	-0.50000	0.0	0.0	0.0
	-13.00000	20.00000	0.00000	-11.128	-0.50000	0.0	0.0	0.0
	-12.00000	20.00000	0.00000	-12.113	-0.50000	0.0	0.0	0.0
	-11.00000	20.00000	0.00000	-13.214	-0.50000	0.0	0.0	0.0
	-10.00000	20.00000	0.00000	-14.451	-0.50000	0.0	0.0	0.0
	-9.00000	20.00000	0.00000	-15.848	-0.50000	0.0	0.0	0.0
	-8.00000	20.00000	0.00000	-17.438	-0.50000	0.0	0.0	0.0
	-7.00000	20.00000	0.00000	-19.263	-0.50000	0.0	0.0	0.0
	-6.00000	20.00000	0.00000	-21.380	-0.50000	0.0	0.0	0.0
	-5.00000	20.00000	0.00000	-23.868	-0.50000	0.0	0.0	0.0
	-4.00000	20.00000	0.00000	-26.844	-0.50000	0.0	0.0	0.0
	-3.00000	20.00000	0.00000	-30.493	-0.50000	0.0	0.0	0.0
	-2.00000	20.00000	0.00000	-35.134	-0.50000	0.0	0.0	0.0
	-1.00000	20.00000	0.00000	-41.443	-0.50000	0.0	0.0	0.0
	0.00000	20.00000	0.00000	-52.792	-0.50000	0.0	0.0	0.0
	1.00000	20.00000	0.00000	-64.988	-0.50000	0.0	0.0	0.0
	2.00000	20.00000	0.00000	-70.669	-0.50000	0.0	0.0	0.0
	3.00000	20.00000	0.00000	-75.542	-0.50000	0.0	0.0	0.0
	4.00000	20.00000	0.00000	-79.454	-0.50000	0.0	0.0	0.0
	5.00000	20.00000	0.00000	-82.693	-0.50000	0.0	0.0	0.0
	6.00000	20.00000	0.00000	-85.420	-0.50000	0.0	0.0	0.0
	7.00000	20.00000	0.00000	-87.742	-0.50000	0.0	0.0	0.0
	8.00000	20.00000	0.00000	-89.732	-0.50000	0.0	0.0	0.0
	9.00000	20.00000	0.00000	-91.447	-0.50000	0.0	0.0	0.0
	10.00000	20.00000	0.00000	-92.927	-0.50000	0.0	0.0	0.0
	11.00000	20.00000	0.00000	-94.206	-0.50000	0.0	0.0	0.0
	12.00000	20.00000	0.00000	-95.309	-0.50000	0.0	0.0	0.0
	13.00000	20.00000	0.00000	-96.257	-0.50000	0.0	0.0	0.0
	14.00000	20.00000	0.00000	-97.065	-0.50000	0.0	0.0	0.0
	15.00000	20.00000	0.00000	-97.746	-0.50000	0.0	0.0	0.0
	16.00000	20.00000	0.00000	-98.310	-0.50000	0.0	0.0	0.0
	17.00000	20.00000	0.00000	-98.764	-0.50000	0.0	0.0	0.0
	18.00000	20.00000	0.00000	-99.110	-0.50000	0.0	0.0	0.0
	19.00000	20.00000	0.00000	-99.352	-0.50000	0.0	0.0	0.0
	20.00000	20.00000	0.00000	-99.488	-0.50000	0.0	0.0	0.0
	21.00000	20.00000	0.00000	-99.515	-0.50000	0.0	0.0	0.0
	22.00000	20.00000	0.00000	-99.428	-0.50000	0.0	0.0	0.0
	23.00000	20.00000	0.00000	-99.220	-0.50000	0.0	0.0	0.0
	24.00000	20.00000	0.00000	-98.880	-0.50000	0.0	0.0	0.0
	25.00000	20.00000	0.00000	-98.397	-0.50000	0.0	0.0	0.0
	26.00000	20.00000	0.00000	-97.757	-0.50000	0.0	0.0	0.0
	27.00000	20.00000	0.00000	-96.944	-0.50000	0.0	0.0	0.0
	28.00000	20.00000	0.00000	-95.936	-0.50000	0.0	0.0	0.0
	29.00000	20.00000	0.00000	-94.709	-0.50000	0.0	0.0	0.0
	30.00000	20.00000	0.00000	-93.231	-0.50000	0.0	0.0	0.0
	31.00000	20.00000	0.00000	-91.459	-0.50000	0.0	0.0	0.0
	32.00000	20.00000	0.00000	-89.338	-0.50000	0.0	0.0	0.0
	33.00000	20.00000	0.00000	-86.790	-0.50000	0.0	0.0	0.0
	34.00000	20.00000	0.00000	-83.703	-0.50000	0.0	0.0	0.0
	35.00000	20.00000	0.00000	-79.898	-0.50000	0.0	0.0	0.0
	36.00000	20.00000	0.00000	-75.070	-0.50000	0.0	0.0	0.0
	37.00000	20.00000	0.00000	-68.560	-0.50000	0.0	0.0	0.0
	38.00000	20.00000	0.00000	-57.027	-0.50000	0.0	0.0	0.0
	39.00000	20.00000	0.00000	-45.477	-0.50000	0.0	0.0	0.0
	40.00000	20.00000	0.00000	-38.918	-0.50000	0.0	0.0	0.0
	41.00000	20.00000	0.00000	-34.005	-0.50000	0.0	0.0	0.0
	42.00000	20.00000	0.00000	-30.083	-0.50000	0.0	0.0	0.0
	43.00000	20.00000	0.00000	-26.842	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	33.00000	22.00000	0.00000	-85.215	-0.50000	0.0	0.0	0.0
	34.00000	22.00000	0.00000	-82.214	-0.50000	0.0	0.0	0.0
	35.00000	22.00000	0.00000	-78.499	-0.50000	0.0	0.0	0.0
	36.00000	22.00000	0.00000	-73.761	-0.50000	0.0	0.0	0.0
	37.00000	22.00000	0.00000	-67.344	-0.50000	0.0	0.0	0.0
	38.00000	22.00000	0.00000	-59.904	-0.50000	0.0	0.0	0.0
	39.00000	22.00000	0.00000	-44.445	-0.50000	0.0	0.0	0.0
	40.00000	22.00000	0.00000	-37.976	-0.50000	0.0	0.0	0.0
	41.00000	22.00000	0.00000	-33.149	-0.50000	0.0	0.0	0.0
	42.00000	22.00000	0.00000	-29.309	-0.50000	0.0	0.0	0.0
	43.00000	22.00000	0.00000	-26.144	-0.50000	0.0	0.0	0.0
	44.00000	22.00000	0.00000	-23.477	-0.50000	0.0	0.0	0.0
	45.00000	22.00000	0.00000	-21.194	-0.50000	0.0	0.0	0.0
	46.00000	22.00000	0.00000	-19.216	-0.50000	0.0	0.0	0.0
	47.00000	22.00000	0.00000	-17.486	-0.50000	0.0	0.0	0.0
	48.00000	22.00000	0.00000	-15.960	-0.50000	0.0	0.0	0.0
	49.00000	22.00000	0.00000	-14.606	-0.50000	0.0	0.0	0.0
	50.00000	22.00000	0.00000	-13.398	-0.50000	0.0	0.0	0.0
	51.00000	22.00000	0.00000	-12.318	-0.50000	0.0	0.0	0.0
	52.00000	22.00000	0.00000	-11.339	-0.50000	0.0	0.0	0.0
	53.00000	22.00000	0.00000	-10.458	-0.50000	0.0	0.0	0.0
	54.00000	22.00000	0.00000	-9.6592	-0.50000	0.0	0.0	0.0
	55.00000	22.00000	0.00000	-8.9330	-0.50000	0.0	0.0	0.0
	56.00000	22.00000	0.00000	-8.2709	-0.50000	0.0	0.0	0.0
	57.00000	22.00000	0.00000	-7.6661	-0.50000	0.0	0.0	0.0
	58.00000	22.00000	0.00000	-7.1124	-0.50000	0.0	0.0	0.0
	59.00000	22.00000	0.00000	-6.6045	-0.50000	0.0	0.0	0.0
	60.00000	22.00000	0.00000	-6.1377	-0.50000	0.0	0.0	0.0
	-20.00000	23.00000	0.00000	-6.2069	-0.50000	0.0	0.0	0.0
	-19.00000	23.00000	0.00000	-6.6852	-0.50000	0.0	0.0	0.0
	-18.00000	23.00000	0.00000	-7.2071	-0.50000	0.0	0.0	0.0
	-17.00000	23.00000	0.00000	-7.7780	-0.50000	0.0	0.0	0.0
	-16.00000	23.00000	0.00000	-8.4040	-0.50000	0.0	0.0	0.0
	-15.00000	23.00000	0.00000	-9.0922	-0.50000	0.0	0.0	0.0
	-14.00000	23.00000	0.00000	-9.8512	-0.50000	0.0	0.0	0.0
	-13.00000	23.00000	0.00000	-10.691	-0.50000	0.0	0.0	0.0
	-12.00000	23.00000	0.00000	-11.625	-0.50000	0.0	0.0	0.0
	-11.00000	23.00000	0.00000	-12.667	-0.50000	0.0	0.0	0.0
	-10.00000	23.00000	0.00000	-13.838	-0.50000	0.0	0.0	0.0
	-9.00000	23.00000	0.00000	-15.160	-0.50000	0.0	0.0	0.0
	-8.00000	23.00000	0.00000	-16.666	-0.50000	0.0	0.0	0.0
	-7.00000	23.00000	0.00000	-18.397	-0.50000	0.0	0.0	0.0
	-6.00000	23.00000	0.00000	-20.409	-0.50000	0.0	0.0	0.0
	-5.00000	23.00000	0.00000	-22.781	-0.50000	0.0	0.0	0.0
	-4.00000	23.00000	0.00000	-25.630	-0.50000	0.0	0.0	0.0
	-3.00000	23.00000	0.00000	-29.138	-0.50000	0.0	0.0	0.0
	-2.00000	23.00000	0.00000	-33.622	-0.50000	0.0	0.0	0.0
	-1.00000	23.00000	0.00000	-39.751	-0.50000	0.0	0.0	0.0
	0.00000	23.00000	0.00000	-50.885	-0.50000	0.0	0.0	0.0
	1.00000	23.00000	0.00000	-62.033	-0.50000	0.0	0.0	0.0
	2.00000	23.00000	0.00000	-68.203	-0.50000	0.0	0.0	0.0
	3.00000	23.00000	0.00000	-72.745	-0.50000	0.0	0.0	0.0
	4.00000	23.00000	0.00000	-76.324	-0.50000	0.0	0.0	0.0
	5.00000	23.00000	0.00000	-79.250	-0.50000	0.0	0.0	0.0
	6.00000	23.00000	0.00000	-81.696	-0.50000	0.0	0.0	0.0
	7.00000	23.00000	0.00000	-83.774	-0.50000	0.0	0.0	0.0
	8.00000	23.00000	0.00000	-85.558	-0.50000	0.0	0.0	0.0
	9.00000	23.00000	0.00000	-87.100	-0.50000	0.0	0.0	0.0
	10.00000	23.00000	0.00000	-88.440	-0.50000	0.0	0.0	0.0
	11.00000	23.00000	0.00000	-89.608	-0.50000	0.0	0.0	0.0
	12.00000	23.00000	0.00000	-90.628	-0.50000	0.0	0.0	0.0
	13.00000	23.00000	0.00000	-91.517	-0.50000	0.0	0.0	0.0
	14.00000	23.00000	0.00000	-92.291	-0.50000	0.0	0.0	0.0
	15.00000	23.00000	0.00000	-92.963	-0.50000	0.0	0.0	0.0
	16.00000	23.00000	0.00000	-93.540	-0.50000	0.0	0.0	0.0
	17.00000	23.00000	0.00000	-94.032	-0.50000	0.0	0.0	0.0
	18.00000	23.00000	0.00000	-94.443	-0.50000	0.0	0.0	0.0
	19.00000	23.00000	0.00000	-94.773	-0.50000	0.0	0.0	0.0
	20.00000	23.00000	0.00000	-95.021	-0.50000	0.0	0.0	0.0
	21.00000	23.00000	0.00000	-95.180	-0.50000	0.0	0.0	0.0
	22.00000	23.00000	0.00000	-95.239	-0.50000	0.0	0.0	0.0
	23.00000	23.00000	0.00000	-95.185	-0.50000	0.0	0.0	0.0
	24.00000	23.00000	0.00000	-95.002	-0.50000	0.0	0.0	0.0
	25.00000	23.00000	0.00000	-94.672	-0.50000	0.0	0.0	0.0
	26.00000	23.00000	0.00000	-94.179	-0.50000	0.0	0.0	0.0
	27.00000	23.00000	0.00000	-93.506	-0.50000	0.0	0.0	0.0
	28.00000	23.00000	0.00000	-92.633	-0.50000	0.0	0.0	0.0
	29.00000	23.00000	0.00000	-91.537	-0.50000	0.0	0.0	0.0
	30.00000	23.00000	0.00000	-90.189	-0.50000	0.0	0.0	0.0
	31.00000	23.00000	0.00000	-88.548	-0.50000	0.0	0.0	0.0
	32.00000	23.00000	0.00000	-86.562	-0.50000	0.0	0.0	0.0
	33.00000	23.00000	0.00000	-84.152	-0.50000	0.0	0.0	0.0
	34.00000	23.00000	0.00000	-81.209	-0.50000	0.0	0.0	0.0
	35.00000	23.00000	0.00000	-77.554	-0.50000	0.0	0.0	0.0
	36.00000	23.00000	0.00000	-72.879	-0.50000	0.0	0.0	0.0
	37.00000	23.00000	0.00000	-66.526	-0.50000	0.0	0.0	0.0
	38.00000	23.00000	0.00000	-55.151	-0.50000	0.0	0.0	0.0
	39.00000	23.00000	0.00000	-43.758	-0.50000	0.0	0.0	0.0
	40.00000	23.00000	0.00000	-37.351	-0.50000	0.0	0.0	0.0
	41.00000	23.00000	0.00000	-32.584	-0.50000	0.0	0.0	0.0
	42.00000	23.00000	0.00000	-28.800	-0.50000	0.0	0.0	0.0
	43.00000	23.00000	0.00000	-25.688	-0.50000	0.0	0.0	0.0
	44.00000	23.00000	0.00000	-23.070	-0.50000	0.0	0.0	0.0
	45.00000	23.00000	0.00000	-20.830	-0.50000	0.0	0.0	0.0
	46.00000	23.00000	0.00000	-18.891	-0.50000	0.0	0.0	0.0
	47.00000	23.00000	0.00000	-17.196	-0.50000	0.0	0.0	0.0
	48.00000	23.00000	0.00000	-15.701	-0.50000	0.0	0.0	0.0
	49.00000	23.00000	0.00000	-14.375	-0.50000	0.0	0.0	0.0
	50.00000	23.00000	0.00000	-13.192	-0.50000	0.0	0.0	0.0
	51.00000	23.00000	0.00000	-12.130	-0.50000	0.0	0.0	0.0
	52.00000	23.00000	0.00000	-11.174	-0.50000	0.0	0.0	0.0
	53.00000	23.00000	0.00000	-10.310	-0.50000	0.0	0.0	0.0
	54.00000	23.00000	0.00000	-9.5265	-0.50000	0.0	0.0	0.0
	55.00000	23.00000	0.00000	-8.8137	-0.50000	0.0	0.0	0.0
	56.00000	23.00000	0.00000	-8.1637	-0.50000	0.0	0.0	0.0
	57.00000	23.00000	0.00000	-7.5695	-0.50000	0.0	0.0	0.0
	58.00000	23.00000	0.00000	-7.0252	-0.50000	0.0	0.0	0.0
	59.00000	23.00000	0.00000	-6.5258	-0.50000	0.0	0.0	0.0
	60.00000	23.00000	0.00000	-6.0666	-0.50000	0.0	0.0	0.0
	-20.00000	24.00000	0.00000	-6.1163	-0.50000	0.0	0.0	0.0
	-19.00000	24.00000	0.00000	-6.5846	-0.50000	0.0	0.0	0.0
	-18.00000	24.00000	0.00000	-7.0952	-0.50000	0.0	0.0	0.0
	-17.00000	24.00000	0.00000	-7.6532	-0.50000	0.0	0.0	0.0
	-16.00000	24.00000	0.00000	-8.2645	-0.50000	0.0	0.0	0.0
	-15.00000	24.00000	0.00000	-8.9360	-0.50000	0.0	0.0	0.0
	-14.00000	24.00000	0.00000	-9.6758	-0.50000	0.0	0.0	0.0
	-13.00000	24.00000	0.00000	-10.494	-0.50000	0.0	0.0	0.0
	-12.00000	24.00000	0.00000	-11.402	-0.50000	0.0	0.0	0.0
	-11.00000	24.00000	0.00000	-12.415	-0.50000	0.0	0.0	0.0
	-10.00000	24.00000	0.00000	-13.552	-0.50000	0.0	0.0	0.0
	-9.00000	24.00000	0.00000	-14.834	-0.50000	0.0	0.0	0.0
	-8.00000	24.00000	0.00000	-16.293	-0.50000	0.0	0.0	0.0
	-7.00000	24.00000	0.00000	-17.969	-0.50000	0.0	0.0	0.0
	-6.00000	24.00000	0.00000	-19.915	-0.50000	0.0	0.0	0.0
	-5.00000	24.00000	0.00000	-22.209	-0.50000	0.0	0.0	0.0
	-4.00000	24.00000	0.00000	-24.965	-0.50000	0.0	0.0	0.0
	-3.00000	24.00000	0.00000	-28.365	-0.50000	0.0	0.0	0.0
	-2.00000	24.00000	0.00000	-32.723	-0.50000	0.0	0.0	0.0
	-1.00000	24.00000	0.00000	-38.711	-0.50000	0.0	0.0	0.0
	0.00000	24.00000	0.00000	-49.692	-0.50000	0.0	0.0	0.0
	1.00000	24.00000	0.00000	-60.681	-0.50000	0.0	0.0	0



73-75 Avenue Road, NW8

Total Heave

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



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	30.00000	29.00000	0.00000	-75.752	-0.50000	0.0	0.0	0.0
	31.00000	29.00000	0.00000	-74.583	-0.50000	0.0	0.0	0.0
	32.00000	29.00000	0.00000	-73.115	-0.50000	0.0	0.0	0.0
	33.00000	29.00000	0.00000	-71.289	-0.50000	0.0	0.0	0.0
	34.00000	29.00000	0.00000	-69.012	-0.50000	0.0	0.0	0.0
	35.00000	29.00000	0.00000	-66.120	-0.50000	0.0	0.0	0.0
	36.00000	29.00000	0.00000	-62.314	-0.50000	0.0	0.0	0.0
	37.00000	29.00000	0.00000	-56.926	-0.50000	0.0	0.0	0.0
	38.00000	29.00000	0.00000	-46.577	-0.50000	0.0	0.0	0.0
	39.00000	29.00000	0.00000	-36.208	-0.50000	0.0	0.0	0.0
	40.00000	29.00000	0.00000	-30.761	-0.50000	0.0	0.0	0.0
	41.00000	29.00000	0.00000	-26.854	-0.50000	0.0	0.0	0.0
	42.00000	29.00000	0.00000	-23.818	-0.50000	0.0	0.0	0.0
	43.00000	29.00000	0.00000	-21.350	-0.50000	0.0	0.0	0.0
	44.00000	29.00000	0.00000	-19.283	-0.50000	0.0	0.0	0.0
	45.00000	29.00000	0.00000	-17.515	-0.50000	0.0	0.0	0.0
	46.00000	29.00000	0.00000	-15.980	-0.50000	0.0	0.0	0.0
	47.00000	29.00000	0.00000	-14.632	-0.50000	0.0	0.0	0.0
	48.00000	29.00000	0.00000	-13.437	-0.50000	0.0	0.0	0.0
	49.00000	29.00000	0.00000	-12.370	-0.50000	0.0	0.0	0.0
	50.00000	29.00000	0.00000	-11.412	-0.50000	0.0	0.0	0.0
	51.00000	29.00000	0.00000	-10.546	-0.50000	0.0	0.0	0.0
	52.00000	29.00000	0.00000	-9.7610	-0.50000	0.0	0.0	0.0
	53.00000	29.00000	0.00000	-9.0467	-0.50000	0.0	0.0	0.0
	54.00000	29.00000	0.00000	-8.3947	-0.50000	0.0	0.0	0.0
	55.00000	29.00000	0.00000	-7.7979	-0.50000	0.0	0.0	0.0
	56.00000	29.00000	0.00000	-7.2504	-0.50000	0.0	0.0	0.0
	57.00000	29.00000	0.00000	-6.7470	-0.50000	0.0	0.0	0.0
	58.00000	29.00000	0.00000	-6.2832	-0.50000	0.0	0.0	0.0
	59.00000	29.00000	0.00000	-5.8554	-0.50000	0.0	0.0	0.0
	60.00000	29.00000	0.00000	-5.4601	-0.50000	0.0	0.0	0.0
	-20.00000	30.00000	0.00000	-5.3894	-0.50000	0.0	0.0	0.0
	-19.00000	30.00000	0.00000	-5.7772	-0.50000	0.0	0.0	0.0
	-18.00000	30.00000	0.00000	-6.1965	-0.50000	0.0	0.0	0.0
	-17.00000	30.00000	0.00000	-6.6506	-0.50000	0.0	0.0	0.0
	-16.00000	30.00000	0.00000	-7.1432	-0.50000	0.0	0.0	0.0
	-15.00000	30.00000	0.00000	-7.6784	-0.50000	0.0	0.0	0.0
	-14.00000	30.00000	0.00000	-8.2610	-0.50000	0.0	0.0	0.0
	-13.00000	30.00000	0.00000	-8.8967	-0.50000	0.0	0.0	0.0
	-12.00000	30.00000	0.00000	-9.5921	-0.50000	0.0	0.0	0.0
	-11.00000	30.00000	0.00000	-10.355	-0.50000	0.0	0.0	0.0
	-10.00000	30.00000	0.00000	-11.194	-0.50000	0.0	0.0	0.0
	-9.00000	30.00000	0.00000	-12.121	-0.50000	0.0	0.0	0.0
	-8.00000	30.00000	0.00000	-13.149	-0.50000	0.0	0.0	0.0
	-7.00000	30.00000	0.00000	-14.296	-0.50000	0.0	0.0	0.0
	-6.00000	30.00000	0.00000	-15.583	-0.50000	0.0	0.0	0.0
	-5.00000	30.00000	0.00000	-16.938	-0.50000	0.0	0.0	0.0
	-4.00000	30.00000	0.00000	-18.699	-0.50000	0.0	0.0	0.0
	-3.00000	30.00000	0.00000	-20.617	-0.50000	0.0	0.0	0.0
	-2.00000	30.00000	0.00000	-22.865	-0.50000	0.0	0.0	0.0
	-1.00000	30.00000	0.00000	-25.533	-0.50000	0.0	0.0	0.0
	0.00000	30.00000	0.00000	-28.630	-0.50000	0.0	0.0	0.0
	1.00000	30.00000	0.00000	-31.726	-0.50000	0.0	0.0	0.0
	2.00000	30.00000	0.00000	-34.393	-0.50000	0.0	0.0	0.0
	3.00000	30.00000	0.00000	-36.639	-0.50000	0.0	0.0	0.0
	4.00000	30.00000	0.00000	-38.553	-0.50000	0.0	0.0	0.0
	5.00000	30.00000	0.00000	-40.209	-0.50000	0.0	0.0	0.0
	6.00000	30.00000	0.00000	-41.658	-0.50000	0.0	0.0	0.0
	7.00000	30.00000	0.00000	-42.936	-0.50000	0.0	0.0	0.0
	8.00000	30.00000	0.00000	-44.072	-0.50000	0.0	0.0	0.0
	9.00000	30.00000	0.00000	-45.089	-0.50000	0.0	0.0	0.0
	10.00000	30.00000	0.00000	-46.005	-0.50000	0.0	0.0	0.0
	11.00000	30.00000	0.00000	-46.834	-0.50000	0.0	0.0	0.0
	12.00000	30.00000	0.00000	-47.593	-0.50000	0.0	0.0	0.0
	13.00000	30.00000	0.00000	-48.294	-0.50000	0.0	0.0	0.0
	14.00000	30.00000	0.00000	-48.953	-0.50000	0.0	0.0	0.0
	15.00000	30.00000	0.00000	-49.588	-0.50000	0.0	0.0	0.0
	16.00000	30.00000	0.00000	-50.223	-0.50000	0.0	0.0	0.0
	17.00000	30.00000	0.00000	-50.891	-0.50000	0.0	0.0	0.0
	18.00000	30.00000	0.00000	-51.649	-0.50000	0.0	0.0	0.0
	19.00000	30.00000	0.00000	-52.498	-0.50000	0.0	0.0	0.0
	20.00000	30.00000	0.00000	-53.948	-0.50000	0.0	0.0	0.0
	21.00000	30.00000	0.00000	-56.260	-0.50000	0.0	0.0	0.0
	22.00000	30.00000	0.00000	-62.923	-0.50000	0.0	0.0	0.0
	23.00000	30.00000	0.00000	-69.501	-0.50000	0.0	0.0	0.0
	24.00000	30.00000	0.00000	-71.561	-0.50000	0.0	0.0	0.0
	25.00000	30.00000	0.00000	-72.487	-0.50000	0.0	0.0	0.0
	26.00000	30.00000	0.00000	-72.633	-0.50000	0.0	0.0	0.0
	27.00000	30.00000	0.00000	-72.800	-0.50000	0.0	0.0	0.0
	28.00000	30.00000	0.00000	-72.476	-0.50000	0.0	0.0	0.0
	29.00000	30.00000	0.00000	-71.900	-0.50000	0.0	0.0	0.0
	30.00000	30.00000	0.00000	-71.080	-0.50000	0.0	0.0	0.0
	31.00000	30.00000	0.00000	-70.009	-0.50000	0.0	0.0	0.0
	32.00000	30.00000	0.00000	-68.659	-0.50000	0.0	0.0	0.0
	33.00000	30.00000	0.00000	-66.981	-0.50000	0.0	0.0	0.0
	34.00000	30.00000	0.00000	-64.890	-0.50000	0.0	0.0	0.0
	35.00000	30.00000	0.00000	-62.242	-0.50000	0.0	0.0	0.0
	36.00000	30.00000	0.00000	-58.755	-0.50000	0.0	0.0	0.0
	37.00000	30.00000	0.00000	-53.783	-0.50000	0.0	0.0	0.0
	38.00000	30.00000	0.00000	-43.930	-0.50000	0.0	0.0	0.0
	39.00000	30.00000	0.00000	-34.057	-0.50000	0.0	0.0	0.0
	40.00000	30.00000	0.00000	-29.025	-0.50000	0.0	0.0	0.0
	41.00000	30.00000	0.00000	-25.439	-0.50000	0.0	0.0	0.0
	42.00000	30.00000	0.00000	-22.647	-0.50000	0.0	0.0	0.0
	43.00000	30.00000	0.00000	-20.366	-0.50000	0.0	0.0	0.0
	44.00000	30.00000	0.00000	-18.447	-0.50000	0.0	0.0	0.0
	45.00000	30.00000	0.00000	-16.798	-0.50000	0.0	0.0	0.0
	46.00000	30.00000	0.00000	-15.360	-0.50000	0.0	0.0	0.0
	47.00000	30.00000	0.00000	-14.092	-0.50000	0.0	0.0	0.0
	48.00000	30.00000	0.00000	-12.964	-0.50000	0.0	0.0	0.0
	49.00000	30.00000	0.00000	-11.953	-0.50000	0.0	0.0	0.0
	50.00000	30.00000	0.00000	-11.043	-0.50000	0.0	0.0	0.0
	51.00000	30.00000	0.00000	-10.218	-0.50000	0.0	0.0	0.0
	52.00000	30.00000	0.00000	-9.4694	-0.50000	0.0	0.0	0.0
	53.00000	30.00000	0.00000	-8.7863	-0.50000	0.0	0.0	0.0
	54.00000	30.00000	0.00000	-8.1615	-0.50000	0.0	0.0	0.0
	55.00000	30.00000	0.00000	-7.5886	-0.50000	0.0	0.0	0.0
	56.00000	30.00000	0.00000	-7.0620	-0.50000	0.0	0.0	0.0
	57.00000	30.00000	0.00000	-6.5772	-0.50000	0.0	0.0	0.0
	58.00000	30.00000	0.00000	-6.1299	-0.50000	0.0	0.0	0.0
	59.00000	30.00000	0.00000	-5.7167	-0.50000	0.0	0.0	0.0
	60.00000	30.00000	0.00000	-5.3344	-0.50000	0.0	0.0	0.0
	-20.00000	31.00000	0.00000	-5.2454	-0.50000	0.0	0.0	0.0
	-19.00000	31.00000	0.00000	-5.6176	-0.50000	0.0	0.0	0.0
	-18.00000	31.00000	0.00000	-6.0193	-0.50000	0.0	0.0	0.0
	-17.00000	31.00000	0.00000	-6.4534	-0.50000	0.0	0.0	0.0
	-16.00000	31.00000	0.00000	-6.9232	-0.50000	0.0	0.0	0.0
	-15.00000	31.00000	0.00000	-7.4323	-0.50000	0.0	0.0	0.0
	-14.00000	31.00000	0.00000	-7.9850	-0.50000	0.0	0.0	0.0
	-13.00000	31.00000	0.00000	-8.5860	-0.50000	0.0	0.0	0.0
	-12.00000	31.00000	0.00000	-9.2408	-0.50000	0.0	0.0	0.0
	-11.00000	31.00000	0.00000	-9.9561	-0.50000	0.0	0.0	0.0
	-10.00000	31.00000	0.00000	-10.738	-0.50000	0.0	0.0	0.0
	-9.00000	31.00000	0.00000	-11.599	-0.50000	0.0	0.0	0.0
	-8.00000	31.00000	0.00000	-12.546	-0.50000	0.0	0.0	0.0
	-7.00000	31.00000	0.00000	-13.594	-0.50000	0.0	0.0	0.0
	-6.00000	31.00000	0.00000	-14.766	-0.50000	0.0	0.0	0.0
	-5.00000	31.00000	0.00000	-16.052	-0.50000	0.0	0.0	0.0
	-4.00000	31.00000	0.00000	-17.503	-0.50000	0.0	0.0	0.0
	-3.00000	31.00000	0.00000	-19.123	-0.50000	0.0	0.0	0.0
	-2.00000	31.00000	0.00000	-20.966	-0.50000	0.0	0.0	



73-75 Avenue Road, NW8

Total Heave

Name	Location		Stresses					
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
	-12.00000	33.00000	0.00000	-8.5267	-0.50000	0.0	0.0	0.0
	-11.00000	33.00000	0.00000	-9.1492	-0.50000	0.0	0.0	0.0
	-10.00000	33.00000	0.00000	-9.8236	-0.50000	0.0	0.0	0.0
	-9.00000	33.00000	0.00000	-10.555	-0.50000	0.0	0.0	0.0
	-8.00000	33.00000	0.00000	-11.349	-0.50000	0.0	0.0	0.0
	-7.00000	33.00000	0.00000	-12.212	-0.50000	0.0	0.0	0.0
	-6.00000	33.00000	0.00000	-13.149	-0.50000	0.0	0.0	0.0
	-5.00000	33.00000	0.00000	-14.167	-0.50000	0.0	0.0	0.0
	-4.00000	33.00000	0.00000	-15.269	-0.50000	0.0	0.0	0.0
	-3.00000	33.00000	0.00000	-16.458	-0.50000	0.0	0.0	0.0
	-2.00000	33.00000	0.00000	-17.727	-0.50000	0.0	0.0	0.0
	-1.00000	33.00000	0.00000	-19.061	-0.50000	0.0	0.0	0.0
	0.00000	33.00000	0.00000	-20.432	-0.50000	0.0	0.0	0.0
	1.00000	33.00000	0.00000	-21.802	-0.50000	0.0	0.0	0.0
	2.00000	33.00000	0.00000	-23.132	-0.50000	0.0	0.0	0.0
	3.00000	33.00000	0.00000	-24.395	-0.50000	0.0	0.0	0.0
	4.00000	33.00000	0.00000	-25.576	-0.50000	0.0	0.0	0.0
	5.00000	33.00000	0.00000	-26.668	-0.50000	0.0	0.0	0.0
	6.00000	33.00000	0.00000	-27.673	-0.50000	0.0	0.0	0.0
	7.00000	33.00000	0.00000	-28.596	-0.50000	0.0	0.0	0.0
	8.00000	33.00000	0.00000	-29.444	-0.50000	0.0	0.0	0.0
	9.00000	33.00000	0.00000	-30.222	-0.50000	0.0	0.0	0.0
	10.00000	33.00000	0.00000	-30.939	-0.50000	0.0	0.0	0.0
	11.00000	33.00000	0.00000	-31.603	-0.50000	0.0	0.0	0.0
	12.00000	33.00000	0.00000	-32.220	-0.50000	0.0	0.0	0.0
	13.00000	33.00000	0.00000	-32.800	-0.50000	0.0	0.0	0.0
	14.00000	33.00000	0.00000	-33.355	-0.50000	0.0	0.0	0.0
	15.00000	33.00000	0.00000	-33.895	-0.50000	0.0	0.0	0.0
	16.00000	33.00000	0.00000	-34.439	-0.50000	0.0	0.0	0.0
	17.00000	33.00000	0.00000	-35.008	-0.50000	0.0	0.0	0.0
	18.00000	33.00000	0.00000	-35.638	-0.50000	0.0	0.0	0.0
	19.00000	33.00000	0.00000	-36.377	-0.50000	0.0	0.0	0.0
	20.00000	33.00000	0.00000	-37.302	-0.50000	0.0	0.0	0.0
	21.00000	33.00000	0.00000	-38.518	-0.50000	0.0	0.0	0.0
	22.00000	33.00000	0.00000	-40.059	-0.50000	0.0	0.0	0.0
	23.00000	33.00000	0.00000	-41.532	-0.50000	0.0	0.0	0.0
	24.00000	33.00000	0.00000	-42.543	-0.50000	0.0	0.0	0.0
	25.00000	33.00000	0.00000	-43.123	-0.50000	0.0	0.0	0.0
	26.00000	33.00000	0.00000	-43.374	-0.50000	0.0	0.0	0.0
	27.00000	33.00000	0.00000	-43.366	-0.50000	0.0	0.0	0.0
	28.00000	33.00000	0.00000	-43.141	-0.50000	0.0	0.0	0.0
	29.00000	33.00000	0.00000	-42.723	-0.50000	0.0	0.0	0.0
	30.00000	33.00000	0.00000	-42.121	-0.50000	0.0	0.0	0.0
	31.00000	33.00000	0.00000	-41.335	-0.50000	0.0	0.0	0.0
	32.00000	33.00000	0.00000	-40.355	-0.50000	0.0	0.0	0.0
	33.00000	33.00000	0.00000	-39.162	-0.50000	0.0	0.0	0.0
	34.00000	33.00000	0.00000	-37.726	-0.50000	0.0	0.0	0.0
	35.00000	33.00000	0.00000	-35.999	-0.50000	0.0	0.0	0.0
	36.00000	33.00000	0.00000	-33.916	-0.50000	0.0	0.0	0.0
	37.00000	33.00000	0.00000	-31.387	-0.50000	0.0	0.0	0.0
	38.00000	33.00000	0.00000	-28.410	-0.50000	0.0	0.0	0.0
	39.00000	33.00000	0.00000	-25.413	-0.50000	0.0	0.0	0.0
	40.00000	33.00000	0.00000	-22.829	-0.50000	0.0	0.0	0.0
	41.00000	33.00000	0.00000	-20.652	-0.50000	0.0	0.0	0.0
	42.00000	33.00000	0.00000	-18.792	-0.50000	0.0	0.0	0.0
	43.00000	33.00000	0.00000	-17.179	-0.50000	0.0	0.0	0.0
	44.00000	33.00000	0.00000	-15.762	-0.50000	0.0	0.0	0.0
	45.00000	33.00000	0.00000	-14.506	-0.50000	0.0	0.0	0.0
	46.00000	33.00000	0.00000	-13.382	-0.50000	0.0	0.0	0.0
	47.00000	33.00000	0.00000	-12.371	-0.50000	0.0	0.0	0.0
	48.00000	33.00000	0.00000	-11.457	-0.50000	0.0	0.0	0.0
	49.00000	33.00000	0.00000	-10.626	-0.50000	0.0	0.0	0.0
	50.00000	33.00000	0.00000	-9.8684	-0.50000	0.0	0.0	0.0
	51.00000	33.00000	0.00000	-9.1752	-0.50000	0.0	0.0	0.0
	52.00000	33.00000	0.00000	-8.5392	-0.50000	0.0	0.0	0.0
	53.00000	33.00000	0.00000	-7.9544	-0.50000	0.0	0.0	0.0
	54.00000	33.00000	0.00000	-7.4155	-0.50000	0.0	0.0	0.0
	55.00000	33.00000	0.00000	-6.9179	-0.50000	0.0	0.0	0.0
	56.00000	33.00000	0.00000	-6.4578	-0.50000	0.0	0.0	0.0
	57.00000	33.00000	0.00000	-6.0318	-0.50000	0.0	0.0	0.0
	58.00000	33.00000	0.00000	-5.6367	-0.50000	0.0	0.0	0.0
	59.00000	33.00000	0.00000	-5.2699	-0.50000	0.0	0.0	0.0
	60.00000	33.00000	0.00000	-4.9291	-0.50000	0.0	0.0	0.0
	-20.00000	34.00000	0.00000	-4.7921	-0.50000	0.0	0.0	0.0
	-19.00000	34.00000	0.00000	-5.1167	-0.50000	0.0	0.0	0.0
	-18.00000	34.00000	0.00000	-5.4648	-0.50000	0.0	0.0	0.0
	-17.00000	34.00000	0.00000	-5.8384	-0.50000	0.0	0.0	0.0
	-16.00000	34.00000	0.00000	-6.2395	-0.50000	0.0	0.0	0.0
	-15.00000	34.00000	0.00000	-6.6706	-0.50000	0.0	0.0	0.0
	-14.00000	34.00000	0.00000	-7.1341	-0.50000	0.0	0.0	0.0
	-13.00000	34.00000	0.00000	-7.6328	-0.50000	0.0	0.0	0.0
	-12.00000	34.00000	0.00000	-8.1697	-0.50000	0.0	0.0	0.0
	-11.00000	34.00000	0.00000	-8.7481	-0.50000	0.0	0.0	0.0
	-10.00000	34.00000	0.00000	-9.3715	-0.50000	0.0	0.0	0.0
	-9.00000	34.00000	0.00000	-10.043	-0.50000	0.0	0.0	0.0
	-8.00000	34.00000	0.00000	-10.768	-0.50000	0.0	0.0	0.0
	-7.00000	34.00000	0.00000	-11.549	-0.50000	0.0	0.0	0.0
	-6.00000	34.00000	0.00000	-12.389	-0.50000	0.0	0.0	0.0
	-5.00000	34.00000	0.00000	-13.293	-0.50000	0.0	0.0	0.0
	-4.00000	34.00000	0.00000	-14.256	-0.50000	0.0	0.0	0.0
	-3.00000	34.00000	0.00000	-15.282	-0.50000	0.0	0.0	0.0
	-2.00000	34.00000	0.00000	-16.362	-0.50000	0.0	0.0	0.0
	-1.00000	34.00000	0.00000	-17.483	-0.50000	0.0	0.0	0.0
	0.00000	34.00000	0.00000	-18.626	-0.50000	0.0	0.0	0.0
	1.00000	34.00000	0.00000	-19.788	-0.50000	0.0	0.0	0.0
	2.00000	34.00000	0.00000	-20.885	-0.50000	0.0	0.0	0.0
	3.00000	34.00000	0.00000	-21.959	-0.50000	0.0	0.0	0.0
	4.00000	34.00000	0.00000	-22.976	-0.50000	0.0	0.0	0.0
	5.00000	34.00000	0.00000	-23.929	-0.50000	0.0	0.0	0.0
	6.00000	34.00000	0.00000	-24.818	-0.50000	0.0	0.0	0.0
	7.00000	34.00000	0.00000	-25.643	-0.50000	0.0	0.0	0.0
	8.00000	34.00000	0.00000	-26.407	-0.50000	0.0	0.0	0.0
	9.00000	34.00000	0.00000	-27.114	-0.50000	0.0	0.0	0.0
	10.00000	34.00000	0.00000	-27.770	-0.50000	0.0	0.0	0.0
	11.00000	34.00000	0.00000	-28.379	-0.50000	0.0	0.0	0.0
	12.00000	34.00000	0.00000	-28.949	-0.50000	0.0	0.0	0.0
	13.00000	34.00000	0.00000	-29.486	-0.50000	0.0	0.0	0.0
	14.00000	34.00000	0.00000	-29.999	-0.50000	0.0	0.0	0.0
	15.00000	34.00000	0.00000	-30.498	-0.50000	0.0	0.0	0.0
	16.00000	34.00000	0.00000	-30.994	-0.50000	0.0	0.0	0.0
	17.00000							



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	27.00000	36.00000	0.00000	-28.450	-0.50000	0.0	0.0	0.0
	29.00000	36.00000	0.00000	-28.237	-0.50000	0.0	0.0	0.0
	29.00000	36.00000	0.00000	-27.910	-0.50000	0.0	0.0	0.0
	30.00000	36.00000	0.00000	-27.469	-0.50000	0.0	0.0	0.0
	31.00000	36.00000	0.00000	-26.915	-0.50000	0.0	0.0	0.0
	32.00000	36.00000	0.00000	-26.548	-0.50000	0.0	0.0	0.0
	33.00000	36.00000	0.00000	-25.466	-0.50000	0.0	0.0	0.0
	34.00000	36.00000	0.00000	-24.569	-0.50000	0.0	0.0	0.0
	35.00000	36.00000	0.00000	-23.560	-0.50000	0.0	0.0	0.0
	36.00000	36.00000	0.00000	-22.446	-0.50000	0.0	0.0	0.0
	37.00000	36.00000	0.00000	-21.246	-0.50000	0.0	0.0	0.0
	38.00000	36.00000	0.00000	-19.990	-0.50000	0.0	0.0	0.0
	39.00000	36.00000	0.00000	-18.718	-0.50000	0.0	0.0	0.0
	40.00000	36.00000	0.00000	-17.470	-0.50000	0.0	0.0	0.0
	41.00000	36.00000	0.00000	-16.275	-0.50000	0.0	0.0	0.0
	42.00000	36.00000	0.00000	-15.150	-0.50000	0.0	0.0	0.0
	43.00000	36.00000	0.00000	-14.102	-0.50000	0.0	0.0	0.0
	44.00000	36.00000	0.00000	-13.131	-0.50000	0.0	0.0	0.0
	45.00000	36.00000	0.00000	-12.232	-0.50000	0.0	0.0	0.0
	46.00000	36.00000	0.00000	-11.402	-0.50000	0.0	0.0	0.0
	47.00000	36.00000	0.00000	-10.635	-0.50000	0.0	0.0	0.0
	48.00000	36.00000	0.00000	-9.9259	-0.50000	0.0	0.0	0.0
	49.00000	36.00000	0.00000	-9.2695	-0.50000	0.0	0.0	0.0
	50.00000	36.00000	0.00000	-8.6614	-0.50000	0.0	0.0	0.0
	51.00000	36.00000	0.00000	-8.0974	-0.50000	0.0	0.0	0.0
	52.00000	36.00000	0.00000	-7.5738	-0.50000	0.0	0.0	0.0
	53.00000	36.00000	0.00000	-7.0872	-0.50000	0.0	0.0	0.0
	54.00000	36.00000	0.00000	-6.6346	-0.50000	0.0	0.0	0.0
	55.00000	36.00000	0.00000	-6.2132	-0.50000	0.0	0.0	0.0
	56.00000	36.00000	0.00000	-5.8206	-0.50000	0.0	0.0	0.0
	57.00000	36.00000	0.00000	-5.4545	-0.50000	0.0	0.0	0.0
	58.00000	36.00000	0.00000	-5.1129	-0.50000	0.0	0.0	0.0
	59.00000	36.00000	0.00000	-4.7938	-0.50000	0.0	0.0	0.0
	60.00000	36.00000	0.00000	-4.4959	-0.50000	0.0	0.0	0.0
	-20.00000	37.00000	0.00000	-4.3244	-0.50000	0.0	0.0	0.0
	-19.00000	37.00000	0.00000	-4.6026	-0.50000	0.0	0.0	0.0
	-18.00000	37.00000	0.00000	-4.8989	-0.50000	0.0	0.0	0.0
	-17.00000	37.00000	0.00000	-5.2145	-0.50000	0.0	0.0	0.0
	-16.00000	37.00000	0.00000	-5.5507	-0.50000	0.0	0.0	0.0
	-15.00000	37.00000	0.00000	-5.9089	-0.50000	0.0	0.0	0.0
	-14.00000	37.00000	0.00000	-6.2903	-0.50000	0.0	0.0	0.0
	-13.00000	37.00000	0.00000	-6.6962	-0.50000	0.0	0.0	0.0
	-12.00000	37.00000	0.00000	-7.1282	-0.50000	0.0	0.0	0.0
	-11.00000	37.00000	0.00000	-7.5875	-0.50000	0.0	0.0	0.0
	-10.00000	37.00000	0.00000	-8.0754	-0.50000	0.0	0.0	0.0
	-9.00000	37.00000	0.00000	-8.5929	-0.50000	0.0	0.0	0.0
	-8.00000	37.00000	0.00000	-9.1409	-0.50000	0.0	0.0	0.0
	-7.00000	37.00000	0.00000	-9.7198	-0.50000	0.0	0.0	0.0
	-6.00000	37.00000	0.00000	-10.329	-0.50000	0.0	0.0	0.0
	-5.00000	37.00000	0.00000	-10.968	-0.50000	0.0	0.0	0.0
	-4.00000	37.00000	0.00000	-11.635	-0.50000	0.0	0.0	0.0
	-3.00000	37.00000	0.00000	-12.326	-0.50000	0.0	0.0	0.0
	-2.00000	37.00000	0.00000	-13.037	-0.50000	0.0	0.0	0.0
	-1.00000	37.00000	0.00000	-13.761	-0.50000	0.0	0.0	0.0
	0.00000	37.00000	0.00000	-14.492	-0.50000	0.0	0.0	0.0
	1.00000	37.00000	0.00000	-15.221	-0.50000	0.0	0.0	0.0
	2.00000	37.00000	0.00000	-15.940	-0.50000	0.0	0.0	0.0
	3.00000	37.00000	0.00000	-16.643	-0.50000	0.0	0.0	0.0
	4.00000	37.00000	0.00000	-17.323	-0.50000	0.0	0.0	0.0
	5.00000	37.00000	0.00000	-17.975	-0.50000	0.0	0.0	0.0
	6.00000	37.00000	0.00000	-18.598	-0.50000	0.0	0.0	0.0
	7.00000	37.00000	0.00000	-19.188	-0.50000	0.0	0.0	0.0
	8.00000	37.00000	0.00000	-19.745	-0.50000	0.0	0.0	0.0
	9.00000	37.00000	0.00000	-20.270	-0.50000	0.0	0.0	0.0
	10.00000	37.00000	0.00000	-20.763	-0.50000	0.0	0.0	0.0
	11.00000	37.00000	0.00000	-21.227	-0.50000	0.0	0.0	0.0
	12.00000	37.00000	0.00000	-21.663	-0.50000	0.0	0.0	0.0
	13.00000	37.00000	0.00000	-22.074	-0.50000	0.0	0.0	0.0
	14.00000	37.00000	0.00000	-22.463	-0.50000	0.0	0.0	0.0
	15.00000	37.00000	0.00000	-22.834	-0.50000	0.0	0.0	0.0
	16.00000	37.00000	0.00000	-23.190	-0.50000	0.0	0.0	0.0
	17.00000	37.00000	0.00000	-23.535	-0.50000	0.0	0.0	0.0
	18.00000	37.00000	0.00000	-23.870	-0.50000	0.0	0.0	0.0
	19.00000	37.00000	0.00000	-24.197	-0.50000	0.0	0.0	0.0
	20.00000	37.00000	0.00000	-24.512	-0.50000	0.0	0.0	0.0
	21.00000	37.00000	0.00000	-24.808	-0.50000	0.0	0.0	0.0
	22.00000	37.00000	0.00000	-25.072	-0.50000	0.0	0.0	0.0
	23.00000	37.00000	0.00000	-25.288	-0.50000	0.0	0.0	0.0
	24.00000	37.00000	0.00000	-25.437	-0.50000	0.0	0.0	0.0
	25.00000	37.00000	0.00000	-25.507	-0.50000	0.0	0.0	0.0
	26.00000	37.00000	0.00000	-25.487	-0.50000	0.0	0.0	0.0
	27.00000	37.00000	0.00000	-25.375	-0.50000	0.0	0.0	0.0
	28.00000	37.00000	0.00000	-25.167	-0.50000	0.0	0.0	0.0
	29.00000	37.00000	0.00000	-24.864	-0.50000	0.0	0.0	0.0
	30.00000	37.00000	0.00000	-24.467	-0.50000	0.0	0.0	0.0
	31.00000	37.00000	0.00000	-23.975	-0.50000	0.0	0.0	0.0
	32.00000	37.00000	0.00000	-23.389	-0.50000	0.0	0.0	0.0
	33.00000	37.00000	0.00000	-22.711	-0.50000	0.0	0.0	0.0
	34.00000	37.00000	0.00000	-21.942	-0.50000	0.0	0.0	0.0
	35.00000	37.00000	0.00000	-21.088	-0.50000	0.0	0.0	0.0
	36.00000	37.00000	0.00000	-20.158	-0.50000	0.0	0.0	0.0
	37.00000	37.00000	0.00000	-19.167	-0.50000	0.0	0.0	0.0
	38.00000	37.00000	0.00000	-18.136	-0.50000	0.0	0.0	0.0
	39.00000	37.00000	0.00000	-17.090	-0.50000	0.0	0.0	0.0
	40.00000	37.00000	0.00000	-16.054	-0.50000	0.0	0.0	0.0
	41.00000	37.00000	0.00000	-15.048	-0.50000	0.0	0.0	0.0
	42.00000	37.00000	0.00000	-14.085	-0.50000	0.0	0.0	0.0
	43.00000	37.00000	0.00000	-13.175	-0.50000	0.0	0.0	0.0
	44.00000	37.00000	0.00000	-12.320	-0.50000	0.0	0.0	0.0
	45.00000	37.00000	0.00000	-11.521	-0.50000	0.0	0.0	0.0
	46.00000	37.00000	0.00000	-10.774	-0.50000	0.0	0.0	0.0
	47.00000	37.00000	0.00000	-10.079	-0.50000	0.0	0.0	0.0
	48.00000	37.00000	0.00000	-9.4310	-0.50000	0.0	0.0	0.0
	49.00000	37.00000	0.00000	-8.8277	-0.50000	0.0	0.0	0.0
	50.00000	37.00000	0.00000	-8.2658	-0.50000	0.0	0.0	0.0
	51.00000	37.00000	0.00000	-7.7422	-0.50000	0.0	0.0	0.0
	52.00000	37.00000	0.00000	-7.2541	-0.50000	0.0	0.0	0.0
	53.00000	37.00000	0.00000	-6.7988	-0.50000	0.0	0.0	0.0
	54.00000	37.00000	0.00000	-6.3738	-0.50000	0.0	0.0	0.0
	55.00000	37.00000	0.00000	-5.9770	-0.50000	0.0	0.0	0.0
	56.00000	37.00000	0.00000	-5.6063	-0.50000	0.0	0.0	0.0
	57.00000	37.00000	0.00000	-5.2598	-0.50000	0.0	0.0	0.0
	58.00000	37.00000	0.00000	-4.9357	-0.50000	0.0	0.0	0.0
	59.00000	37.00000	0.00000	-4.6324	-0.50000	0.0	0.0	0.0
	60.00000	37.00000	0.00000	-4.3485	-0.50000	0.0	0.0	0.0
	-20.00000	38.00000	0.00000	-4.1639	-0.50000	0.0	0.0	0.0
	-19.00000	38.00000	0.00000	-4.4922	-0.50000	0.0	0.0	0.0
	-18.00000	38.00000	0.00000	-4.7121	-0.50000	0.0	0.0	0.0
	-17.00000	38.00000	0.00000	-5.0096	-0.50000	0.0	0.0	0.0
	-16.00000	38.00000	0.00000	-5.3256	-0.50000	0.0	0.0	0.0
	-15.00000	38.00000	0.00000	-5.6613	-0.50000	0.0	0.0	0.0
	-14.00000	38.00000	0.00000	-6.0176	-0.50000	0.0	0.0	0.0
	-13.00000	38.00000	0.00000	-6.3987	-0.50000	0.0	0.0	0.0
	-12.00000	38.00000	0.00000	-6.7966	-0.50000	0.0	0.0	0.0
	-11.00000	38.00000	0.00000	-7.2211	-0.50000	0.0	0.0	0.0
	-10.00000	38.00000	0.00000	-7.6701	-0.50000	0.0	0.0	0.0
	-9.00000	38.00000	0.00000	-8.1442	-0.50000	0.0	0.0	0.0
	-8.00000	38.00000	0.00000	-8.6438	-0.50000	0.0	0.0	0.0
	-7.00000	38.00000	0.00000	-9.1687	-0.50000	0.0	0.0	0.0
	-6.00000	38.00000	0.00000	-9.7185	-0.50000	0.0	0.0	0.0
	-5.00000	38.00000	0.00000	-10.292	-0.50000	0.0	0.0	



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	-15.00000	40.00000	0.00000	-5.1813	-0.50000	0.0	0.0	0.0
	-14.00000	40.00000	0.00000	-5.4916	-0.50000	0.0	0.0	0.0
	-13.00000	40.00000	0.00000	-5.8187	-0.50000	0.0	0.0	0.0
	-12.00000	40.00000	0.00000	-6.1632	-0.50000	0.0	0.0	0.0
	-11.00000	40.00000	0.00000	-6.5255	-0.50000	0.0	0.0	0.0
	-10.00000	40.00000	0.00000	-6.9058	-0.50000	0.0	0.0	0.0
	-9.00000	40.00000	0.00000	-7.3042	-0.50000	0.0	0.0	0.0
	-8.00000	40.00000	0.00000	-7.7204	-0.50000	0.0	0.0	0.0
	-7.00000	40.00000	0.00000	-8.1540	-0.50000	0.0	0.0	0.0
	-6.00000	40.00000	0.00000	-8.6042	-0.50000	0.0	0.0	0.0
	-5.00000	40.00000	0.00000	-9.0696	-0.50000	0.0	0.0	0.0
	-4.00000	40.00000	0.00000	-9.5484	-0.50000	0.0	0.0	0.0
	-3.00000	40.00000	0.00000	-10.039	-0.50000	0.0	0.0	0.0
	-2.00000	40.00000	0.00000	-10.537	-0.50000	0.0	0.0	0.0
	-1.00000	40.00000	0.00000	-11.041	-0.50000	0.0	0.0	0.0
	0.00000	40.00000	0.00000	-11.547	-0.50000	0.0	0.0	0.0
	1.00000	40.00000	0.00000	-12.051	-0.50000	0.0	0.0	0.0
	2.00000	40.00000	0.00000	-12.549	-0.50000	0.0	0.0	0.0
	3.00000	40.00000	0.00000	-13.039	-0.50000	0.0	0.0	0.0
	4.00000	40.00000	0.00000	-13.516	-0.50000	0.0	0.0	0.0
	5.00000	40.00000	0.00000	-13.979	-0.50000	0.0	0.0	0.0
	6.00000	40.00000	0.00000	-14.425	-0.50000	0.0	0.0	0.0
	7.00000	40.00000	0.00000	-14.853	-0.50000	0.0	0.0	0.0
	8.00000	40.00000	0.00000	-15.261	-0.50000	0.0	0.0	0.0
	9.00000	40.00000	0.00000	-15.648	-0.50000	0.0	0.0	0.0
	10.00000	40.00000	0.00000	-16.014	-0.50000	0.0	0.0	0.0
	11.00000	40.00000	0.00000	-16.360	-0.50000	0.0	0.0	0.0
	12.00000	40.00000	0.00000	-16.685	-0.50000	0.0	0.0	0.0
	13.00000	40.00000	0.00000	-16.990	-0.50000	0.0	0.0	0.0
	14.00000	40.00000	0.00000	-17.275	-0.50000	0.0	0.0	0.0
	15.00000	40.00000	0.00000	-17.542	-0.50000	0.0	0.0	0.0
	16.00000	40.00000	0.00000	-17.789	-0.50000	0.0	0.0	0.0
	17.00000	40.00000	0.00000	-18.017	-0.50000	0.0	0.0	0.0
	18.00000	40.00000	0.00000	-18.225	-0.50000	0.0	0.0	0.0
	19.00000	40.00000	0.00000	-18.412	-0.50000	0.0	0.0	0.0
	20.00000	40.00000	0.00000	-18.575	-0.50000	0.0	0.0	0.0
	21.00000	40.00000	0.00000	-18.710	-0.50000	0.0	0.0	0.0
	22.00000	40.00000	0.00000	-18.814	-0.50000	0.0	0.0	0.0
	23.00000	40.00000	0.00000	-18.880	-0.50000	0.0	0.0	0.0
	24.00000	40.00000	0.00000	-18.905	-0.50000	0.0	0.0	0.0
	25.00000	40.00000	0.00000	-18.883	-0.50000	0.0	0.0	0.0
	26.00000	40.00000	0.00000	-18.810	-0.50000	0.0	0.0	0.0
	27.00000	40.00000	0.00000	-18.685	-0.50000	0.0	0.0	0.0
	28.00000	40.00000	0.00000	-18.505	-0.50000	0.0	0.0	0.0
	29.00000	40.00000	0.00000	-18.268	-0.50000	0.0	0.0	0.0
	30.00000	40.00000	0.00000	-17.976	-0.50000	0.0	0.0	0.0
	31.00000	40.00000	0.00000	-17.628	-0.50000	0.0	0.0	0.0
	32.00000	40.00000	0.00000	-17.228	-0.50000	0.0	0.0	0.0
	33.00000	40.00000	0.00000	-16.776	-0.50000	0.0	0.0	0.0
	34.00000	40.00000	0.00000	-16.276	-0.50000	0.0	0.0	0.0
	35.00000	40.00000	0.00000	-15.733	-0.50000	0.0	0.0	0.0
	36.00000	40.00000	0.00000	-15.154	-0.50000	0.0	0.0	0.0
	37.00000	40.00000	0.00000	-14.544	-0.50000	0.0	0.0	0.0
	38.00000	40.00000	0.00000	-13.914	-0.50000	0.0	0.0	0.0
	39.00000	40.00000	0.00000	-13.271	-0.50000	0.0	0.0	0.0
	40.00000	40.00000	0.00000	-12.625	-0.50000	0.0	0.0	0.0
	41.00000	40.00000	0.00000	-11.983	-0.50000	0.0	0.0	0.0
	42.00000	40.00000	0.00000	-11.354	-0.50000	0.0	0.0	0.0
	43.00000	40.00000	0.00000	-10.741	-0.50000	0.0	0.0	0.0
	44.00000	40.00000	0.00000	-10.150	-0.50000	0.0	0.0	0.0
	45.00000	40.00000	0.00000	-9.5818	-0.50000	0.0	0.0	0.0
	46.00000	40.00000	0.00000	-9.0395	-0.50000	0.0	0.0	0.0
	47.00000	40.00000	0.00000	-8.5234	-0.50000	0.0	0.0	0.0
	48.00000	40.00000	0.00000	-8.0335	-0.50000	0.0	0.0	0.0
	49.00000	40.00000	0.00000	-7.5694	-0.50000	0.0	0.0	0.0
	50.00000	40.00000	0.00000	-7.1306	-0.50000	0.0	0.0	0.0
	51.00000	40.00000	0.00000	-6.7161	-0.50000	0.0	0.0	0.0
	52.00000	40.00000	0.00000	-6.3249	-0.50000	0.0	0.0	0.0
	53.00000	40.00000	0.00000	-5.9560	-0.50000	0.0	0.0	0.0
	54.00000	40.00000	0.00000	-5.6082	-0.50000	0.0	0.0	0.0
	55.00000	40.00000	0.00000	-5.2806	-0.50000	0.0	0.0	0.0
	56.00000	40.00000	0.00000	-4.9719	-0.50000	0.0	0.0	0.0
	57.00000	40.00000	0.00000	-4.6811	-0.50000	0.0	0.0	0.0
	58.00000	40.00000	0.00000	-4.4073	-0.50000	0.0	0.0	0.0
	59.00000	40.00000	0.00000	-4.1494	-0.50000	0.0	0.0	0.0
	60.00000	40.00000	0.00000	-3.9065	-0.50000	0.0	0.0	0.0
	-20.00000	41.00000	0.00000	-3.7114	-0.50000	0.0	0.0	0.0
	-19.00000	41.00000	0.00000	-3.5033	-0.50000	0.0	0.0	0.0
	-18.00000	41.00000	0.00000	-4.1676	-0.50000	0.0	0.0	0.0
	-17.00000	41.00000	0.00000	-4.4148	-0.50000	0.0	0.0	0.0
	-16.00000	41.00000	0.00000	-4.6755	-0.50000	0.0	0.0	0.0
	-15.00000	41.00000	0.00000	-4.9503	-0.50000	0.0	0.0	0.0
	-14.00000	41.00000	0.00000	-5.2395	-0.50000	0.0	0.0	0.0
	-13.00000	41.00000	0.00000	-5.5435	-0.50000	0.0	0.0	0.0
	-12.00000	41.00000	0.00000	-5.8627	-0.50000	0.0	0.0	0.0
	-11.00000	41.00000	0.00000	-6.1974	-0.50000	0.0	0.0	0.0
	-10.00000	41.00000	0.00000	-6.5475	-0.50000	0.0	0.0	0.0
	-9.00000	41.00000	0.00000	-6.9130	-0.50000	0.0	0.0	0.0
	-8.00000	41.00000	0.00000	-7.2935	-0.50000	0.0	0.0	0.0
	-7.00000	41.00000	0.00000	-7.6885	-0.50000	0.0	0.0	0.0
	-6.00000	41.00000	0.00000	-8.0971	-0.50000	0.0	0.0	0.0
	-5.00000	41.00000	0.00000	-8.5181	-0.50000	0.0	0.0	0.0
	-4.00000	41.00000	0.00000	-8.9498	-0.50000	0.0	0.0	0.0
	-3.00000	41.00000	0.00000	-9.3904	-0.50000	0.0	0.0	0.0
	-2.00000	41.00000	0.00000	-9.8375	-0.50000	0.0	0.0	0.0
	-1.00000	41.00000	0.00000	-10.289	-0.50000	0.0	0.0	0.0
	0.00000	41.00000	0.00000	-10.741	-0.50000	0.0	0.0	0.0
	1.00000	41.00000	0.00000	-11.191	-0.50000	0.0	0.0	0.0
	2.00000	41.00000	0.00000	-11.637	-0.50000	0.0	0.0	0.0
	3.00000	41.00000	0.00000	-12.075	-0.50000	0.0	0.0	0.0
	4.00000	41.00000	0.00000	-12.502	-0.50000	0.0	0.0	0.0
	5.00000	41.00000	0.00000	-12.918	-0.50000	0.0	0.0	0.0
	6.00000	41.00000	0.00000	-13.319	-0.50000	0.0	0.0	0.0
	7.00000	41.00000	0.00000	-13.704	-0.50000	0.0	0.0	0.0
	8.00000	41.00000	0.00000	-14.072	-0.50000	0.0	0.0	0.0
	9.00000	41.00000	0.00000	-14.422	-0.50000	0.0	0.0	0.0
	10.00000	41.00000	0.00000	-14.753	-0.50000	0.0	0.0	0.0
	11.00000	41.00000	0.00000	-15.066	-0.50000	0.0	0.0	0.0
	12.00000	41.00000	0.00000	-15.360	-0.50000	0.0	0.0	0.0
	13.00000	41.00000	0.00000	-15.635	-0.50000	0.0	0.0	0.0
	14.00000	41.00000	0.00000	-15.892	-0.50000	0.0	0.0	0.0
	15.00000	41.00000	0.00000	-16.130	-0.50000	0.0	0.0	0.0
	16.00000	41.00000	0.00000	-16.348	-0.50000	0.0	0.0	0.0
	17.00000	41.00000	0.00000	-16.548	-0.50000	0.0	0.0	0.0
	18.00000	41.00000	0.00000	-16.728	-0.50000	0.0	0.0	0.0
	19.00000	41.00000	0.00000	-16.885	-0.50000	0.0	0.0	0.0
	20.00000	41.00000	0.00000	-17.019	-0.50000	0.0	0.0	0.0
	21.00000	41.00000	0.00000	-17.126	-0.50000	0.0	0.0	0.0
	22.00000	41.00000	0.00000	-17.203	-0.50000	0.0	0.0	0.0
	23.00000	41.00000	0.00000	-17.247	-0.50000	0.0	0.0	0.0
	24.00000	41.00000	0.00000	-17.253	-0.50000	0.0	0.0	0.0
	25.00000	41.00000	0.00000	-17.219	-0.50000	0.0	0.0	0.0
	26.00000	41.00000	0.00000	-17.142	-0.50000	0.0	0.0	0.0
	27.00000	41.00000	0.00000	-17.020	-0.50000	0.0	0.0	0.0
	28.00000	41.00000	0.00000	-16.850	-0.50000	0.0	0.0	0.0
	29.00000	41.00000	0.00000	-16.634	-0.50000	0.0	0.0	0.0
	30.00000	41.00000	0.00000	-16.370	-0.50000	0.0	0.0	0.0
	31.00000	41.00000	0.00000	-16.060	-0.50000	0.0	0.0	0.0
	32.00000	41.00000	0.00000	-15.705	-0.50000	0.0	0.0	0.0
	33.00000	41.00000	0.00000	-15.307	-0.50000	0.0	0.0	0.0
	34.00000	41.00000	0.00000	-14.869	-0.50000	0.0	0.0	0.0



73-75 Avenue Road, NW8

Total Heave

Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	24.00000	43.00000	0.00000	-14.484	-0.50000	0.0	0.0	0.0
	25.00000	43.00000	0.00000	-14.439	-0.50000	0.0	0.0	0.0
	26.00000	43.00000	0.00000	-14.361	-0.50000	0.0	0.0	0.0
	27.00000	43.00000	0.00000	-14.249	-0.50000	0.0	0.0	0.0
	28.00000	43.00000	0.00000	-14.103	-0.50000	0.0	0.0	0.0
	29.00000	43.00000	0.00000	-13.922	-0.50000	0.0	0.0	0.0
	30.00000	43.00000	0.00000	-13.707	-0.50000	0.0	0.0	0.0
	31.00000	43.00000	0.00000	-13.458	-0.50000	0.0	0.0	0.0
	32.00000	43.00000	0.00000	-13.176	-0.50000	0.0	0.0	0.0
	33.00000	43.00000	0.00000	-12.864	-0.50000	0.0	0.0	0.0
	34.00000	43.00000	0.00000	-12.523	-0.50000	0.0	0.0	0.0
	35.00000	43.00000	0.00000	-12.158	-0.50000	0.0	0.0	0.0
	36.00000	43.00000	0.00000	-11.770	-0.50000	0.0	0.0	0.0
	37.00000	43.00000	0.00000	-11.364	-0.50000	0.0	0.0	0.0
	38.00000	43.00000	0.00000	-10.944	-0.50000	0.0	0.0	0.0
	39.00000	43.00000	0.00000	-10.514	-0.50000	0.0	0.0	0.0
	40.00000	43.00000	0.00000	-10.079	-0.50000	0.0	0.0	0.0
	41.00000	43.00000	0.00000	-9.6423	-0.50000	0.0	0.0	0.0
	42.00000	43.00000	0.00000	-9.2080	-0.50000	0.0	0.0	0.0
	43.00000	43.00000	0.00000	-8.7792	-0.50000	0.0	0.0	0.0
	44.00000	43.00000	0.00000	-8.3586	-0.50000	0.0	0.0	0.0
	45.00000	43.00000	0.00000	-7.9486	-0.50000	0.0	0.0	0.0
	46.00000	43.00000	0.00000	-7.5506	-0.50000	0.0	0.0	0.0
	47.00000	43.00000	0.00000	-7.1661	-0.50000	0.0	0.0	0.0
	48.00000	43.00000	0.00000	-6.7959	-0.50000	0.0	0.0	0.0
	49.00000	43.00000	0.00000	-6.4405	-0.50000	0.0	0.0	0.0
	50.00000	43.00000	0.00000	-6.1001	-0.50000	0.0	0.0	0.0
	51.00000	43.00000	0.00000	-5.7748	-0.50000	0.0	0.0	0.0
	52.00000	43.00000	0.00000	-5.4645	-0.50000	0.0	0.0	0.0
	53.00000	43.00000	0.00000	-5.1689	-0.50000	0.0	0.0	0.0
	54.00000	43.00000	0.00000	-4.8876	-0.50000	0.0	0.0	0.0
	55.00000	43.00000	0.00000	-4.6203	-0.50000	0.0	0.0	0.0
	56.00000	43.00000	0.00000	-4.3668	-0.50000	0.0	0.0	0.0
	57.00000	43.00000	0.00000	-4.1256	-0.50000	0.0	0.0	0.0
	58.00000	43.00000	0.00000	-3.8972	-0.50000	0.0	0.0	0.0
	59.00000	43.00000	0.00000	-3.6806	-0.50000	0.0	0.0	0.0
	60.00000	43.00000	0.00000	-3.4755	-0.50000	0.0	0.0	0.0
	-20.00000	44.00000	0.00000	-3.2770	-0.50000	0.0	0.0	0.0
	-19.00000	44.00000	0.00000	-3.4623	-0.50000	0.0	0.0	0.0
	-18.00000	44.00000	0.00000	-3.6569	-0.50000	0.0	0.0	0.0
	-17.00000	44.00000	0.00000	-3.8608	-0.50000	0.0	0.0	0.0
	-16.00000	44.00000	0.00000	-4.0745	-0.50000	0.0	0.0	0.0
	-15.00000	44.00000	0.00000	-4.2981	-0.50000	0.0	0.0	0.0
	-14.00000	44.00000	0.00000	-4.5318	-0.50000	0.0	0.0	0.0
	-13.00000	44.00000	0.00000	-4.7756	-0.50000	0.0	0.0	0.0
	-12.00000	44.00000	0.00000	-5.0295	-0.50000	0.0	0.0	0.0
	-11.00000	44.00000	0.00000	-5.2936	-0.50000	0.0	0.0	0.0
	-10.00000	44.00000	0.00000	-5.5675	-0.50000	0.0	0.0	0.0
	-9.00000	44.00000	0.00000	-5.8509	-0.50000	0.0	0.0	0.0
	-8.00000	44.00000	0.00000	-6.1435	-0.50000	0.0	0.0	0.0
	-7.00000	44.00000	0.00000	-6.4447	-0.50000	0.0	0.0	0.0
	-6.00000	44.00000	0.00000	-6.7535	-0.50000	0.0	0.0	0.0
	-5.00000	44.00000	0.00000	-7.0692	-0.50000	0.0	0.0	0.0
	-4.00000	44.00000	0.00000	-7.3906	-0.50000	0.0	0.0	0.0
	-3.00000	44.00000	0.00000	-7.7164	-0.50000	0.0	0.0	0.0
	-2.00000	44.00000	0.00000	-8.0452	-0.50000	0.0	0.0	0.0
	-1.00000	44.00000	0.00000	-8.3754	-0.50000	0.0	0.0	0.0
	0.00000	44.00000	0.00000	-8.7054	-0.50000	0.0	0.0	0.0
	1.00000	44.00000	0.00000	-9.0335	-0.50000	0.0	0.0	0.0
	2.00000	44.00000	0.00000	-9.3580	-0.50000	0.0	0.0	0.0
	3.00000	44.00000	0.00000	-9.6772	-0.50000	0.0	0.0	0.0
	4.00000	44.00000	0.00000	-9.9895	-0.50000	0.0	0.0	0.0
	5.00000	44.00000	0.00000	-10.294	-0.50000	0.0	0.0	0.0
	6.00000	44.00000	0.00000	-10.588	-0.50000	0.0	0.0	0.0
	7.00000	44.00000	0.00000	-10.872	-0.50000	0.0	0.0	0.0
	8.00000	44.00000	0.00000	-11.143	-0.50000	0.0	0.0	0.0
	9.00000	44.00000	0.00000	-11.402	-0.50000	0.0	0.0	0.0
	10.00000	44.00000	0.00000	-11.648	-0.50000	0.0	0.0	0.0
	11.00000	44.00000	0.00000	-11.880	-0.50000	0.0	0.0	0.0
	12.00000	44.00000	0.00000	-12.096	-0.50000	0.0	0.0	0.0
	13.00000	44.00000	0.00000	-12.298	-0.50000	0.0	0.0	0.0
	14.00000	44.00000	0.00000	-12.485	-0.50000	0.0	0.0	0.0
	15.00000	44.00000	0.00000	-12.655	-0.50000	0.0	0.0	0.0
	16.00000	44.00000	0.00000	-12.808	-0.50000	0.0	0.0	0.0
	17.00000	44.00000	0.00000	-12.944	-0.50000	0.0	0.0	0.0
	18.00000	44.00000	0.00000	-13.062	-0.50000	0.0	0.0	0.0
	19.00000	44.00000	0.00000	-13.160	-0.50000	0.0	0.0	0.0
	20.00000	44.00000	0.00000	-13.237	-0.50000	0.0	0.0	0.0
	21.00000	44.00000	0.00000	-13.293	-0.50000	0.0	0.0	0.0
	22.00000	44.00000	0.00000	-13.325	-0.50000	0.0	0.0	0.0
	23.00000	44.00000	0.00000	-13.333	-0.50000	0.0	0.0	0.0
	24.00000	44.00000	0.00000	-13.314	-0.50000	0.0	0.0	0.0
	25.00000	44.00000	0.00000	-13.267	-0.50000	0.0	0.0	0.0
	26.00000	44.00000	0.00000	-13.192	-0.50000	0.0	0.0	0.0
	27.00000	44.00000	0.00000	-13.087	-0.50000	0.0	0.0	0.0
	28.00000	44.00000	0.00000	-12.952	-0.50000	0.0	0.0	0.0
	29.00000	44.00000	0.00000	-12.787	-0.50000	0.0	0.0	0.0
	30.00000	44.00000	0.00000	-12.592	-0.50000	0.0	0.0	0.0
	31.00000	44.00000	0.00000	-12.368	-0.50000	0.0	0.0	0.0
	32.00000	44.00000	0.00000	-12.116	-0.50000	0.0	0.0	0.0
	33.00000	44.00000	0.00000	-11.838	-0.50000	0.0	0.0	0.0
	34.00000	44.00000	0.00000	-11.536	-0.50000	0.0	0.0	0.0
	35.00000	44.00000	0.00000	-11.212	-0.50000	0.0	0.0	0.0
	36.00000	44.00000	0.00000	-10.869	-0.50000	0.0	0.0	0.0
	37.00000	44.00000	0.00000	-10.510	-0.50000	0.0	0.0	0.0
	38.00000	44.00000	0.00000	-10.139	-0.50000	0.0	0.0	0.0
	39.00000	44.00000	0.00000	-9.7588	-0.50000	0.0	0.0	0.0
	40.00000	44.00000	0.00000	-9.3732	-0.50000	0.0	0.0	0.0
	41.00000	44.00000	0.00000	-8.9853	-0.50000	0.0	0.0	0.0
	42.00000	44.00000	0.00000	-8.5983	-0.50000	0.0	0.0	0.0
	43.00000	44.00000	0.00000	-8.2149	-0.50000	0.0	0.0	0.0
	44.00000	44.00000	0.00000	-7.8374	-0.50000	0.0	0.0	0.0
	45.00000	44.00000	0.00000	-7.4679	-0.50000	0.0	0.0	0.0
	46.00000	44.00000	0.00000	-7.1079	-0.50000	0.0	0.0	0.0
	47.00000	44.00000	0.00000	-6.7586	-0.50000	0.0	0.0	0.0
	48.00000	44.00000	0.00000	-6.4210	-0.50000	0.0	0.0	0.0
	49.00000	44.00000	0.00000	-6.0957	-0.50000	0.0	0.0	0.0
	50.00000	44.00000	0.00000	-5.7831	-0.50000	0.0	0.0	0.0
	51.00000	44.00000	0.00000	-5.4832	-0.50000	0.0	0.0	0.0
	52.00000	44.00000	0.00000	-5.1963	-0.50000	0.0	0.0	0.0
	53.00000	44.00000	0.00000	-4.9221	-0.50000	0.0	0.0	0.0
	54.00000	44.00000	0.00000	-4.6605	-0.50000	0.0	0.0	0.0
	55.00000	44.00000	0.00000	-4.4112	-0.50000	0.0	0.0	0.0
	56.00000	44.00000	0.00000	-4.1739	-0.50000	0.0	0.0	0.0
	57.00000	44.00000	0.00000	-3.9481	-0.50000	0.0	0.0	0.0
	58.00000	44.00000	0.00000	-3.7335	-0.50000	0.0	0.0	0.0
	59.00000	44.00000	0.00000	-3.5297	-0.50000	0.0	0.0	0.0
	60.00000	44.00000	0.00000	-3.3363	-0.50000	0.0	0.0	0.0
	-20.00000	45.00000	0.00000	-3.1388	-0.50000	0.0	0.0	0.0
	-19.00000	45.00000	0.00000	-3.1313	-0.50000	0.0	0.0	0.0
	-18.00000	45.00000	0.00000	-3.4957	-0.50000	0.0	0.0	0.0
	-17.00000	45.00000	0.00000	-3.6868	-0.50000	0.0	0.0	0.0
	-16.00000	45.00000	0.00000	-3.8866	-0.50000	0.0	0.0	0.0
	-15.00000	45.00000	0.00000	-4.0952	-0.50000	0.0	0.0	0.0
	-14.00000	45.00000	0.00000	-4.3128	-0.50000	0.0	0.0	0.0
	-13.00000	45.00000	0.00000	-4.5392	-0.50000	0.0	0.0	0.0
	-12.00000	45.00000	0.00000	-4.7746	-0.50000	0.0	0.0	0.0
	-11.00000	45.00000	0.00000	-5.0187	-0.50000	0.0	0.0	0.0
	-10.00000	45.00000	0.00000	-5.2713	-0.50000	0.0	0.0	0.0
	-9.00000	45.00000	0.00000	-5.5322	-0.50000	0.0	0.0	0.0
	-8.00000	45.00000	0.00000	-5.8008	-0.50000	0.0		



73-75 Avenue Road, NW8

Total Heave

Name	Location			Stresses				
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
	-18.00000	47.00000	0.00000	-3.1881	-0.50000	0.0	0.0	0.0
	-17.00000	47.00000	0.00000	-3.3557	-0.50000	0.0	0.0	0.0
	-16.00000	47.00000	0.00000	-3.5302	-0.50000	0.0	0.0	0.0
	-15.00000	47.00000	0.00000	-3.7117	-0.50000	0.0	0.0	0.0
	-14.00000	47.00000	0.00000	-3.9002	-0.50000	0.0	0.0	0.0
	-13.00000	47.00000	0.00000	-4.0956	-0.50000	0.0	0.0	0.0
	-12.00000	47.00000	0.00000	-4.2979	-0.50000	0.0	0.0	0.0
	-11.00000	47.00000	0.00000	-4.5066	-0.50000	0.0	0.0	0.0
	-10.00000	47.00000	0.00000	-4.7221	-0.50000	0.0	0.0	0.0
	-9.00000	47.00000	0.00000	-4.9435	-0.50000	0.0	0.0	0.0
	-8.00000	47.00000	0.00000	-5.1705	-0.50000	0.0	0.0	0.0
	-7.00000	47.00000	0.00000	-5.4027	-0.50000	0.0	0.0	0.0
	-6.00000	47.00000	0.00000	-5.6393	-0.50000	0.0	0.0	0.0
	-5.00000	47.00000	0.00000	-5.8798	-0.50000	0.0	0.0	0.0
	-4.00000	47.00000	0.00000	-6.1234	-0.50000	0.0	0.0	0.0
	-3.00000	47.00000	0.00000	-6.3691	-0.50000	0.0	0.0	0.0
	-2.00000	47.00000	0.00000	-6.6160	-0.50000	0.0	0.0	0.0
	-1.00000	47.00000	0.00000	-6.8632	-0.50000	0.0	0.0	0.0
	0.00000	47.00000	0.00000	-7.1095	-0.50000	0.0	0.0	0.0
	1.00000	47.00000	0.00000	-7.3539	-0.50000	0.0	0.0	0.0
	2.00000	47.00000	0.00000	-7.5953	-0.50000	0.0	0.0	0.0
	3.00000	47.00000	0.00000	-7.8327	-0.50000	0.0	0.0	0.0
	4.00000	47.00000	0.00000	-8.0649	-0.50000	0.0	0.0	0.0
	5.00000	47.00000	0.00000	-8.2910	-0.50000	0.0	0.0	0.0
	6.00000	47.00000	0.00000	-8.5101	-0.50000	0.0	0.0	0.0
	7.00000	47.00000	0.00000	-8.7212	-0.50000	0.0	0.0	0.0
	8.00000	47.00000	0.00000	-8.9236	-0.50000	0.0	0.0	0.0
	9.00000	47.00000	0.00000	-9.1164	-0.50000	0.0	0.0	0.0
	10.00000	47.00000	0.00000	-9.2991	-0.50000	0.0	0.0	0.0
	11.00000	47.00000	0.00000	-9.4709	-0.50000	0.0	0.0	0.0
	12.00000	47.00000	0.00000	-9.6313	-0.50000	0.0	0.0	0.0
	13.00000	47.00000	0.00000	-9.7797	-0.50000	0.0	0.0	0.0
	14.00000	47.00000	0.00000	-9.9155	-0.50000	0.0	0.0	0.0
	15.00000	47.00000	0.00000	-10.038	-0.50000	0.0	0.0	0.0
	16.00000	47.00000	0.00000	-10.147	-0.50000	0.0	0.0	0.0
	17.00000	47.00000	0.00000	-10.242	-0.50000	0.0	0.0	0.0
	18.00000	47.00000	0.00000	-10.322	-0.50000	0.0	0.0	0.0
	19.00000	47.00000	0.00000	-10.386	-0.50000	0.0	0.0	0.0
	20.00000	47.00000	0.00000	-10.433	-0.50000	0.0	0.0	0.0
	21.00000	47.00000	0.00000	-10.464	-0.50000	0.0	0.0	0.0
	22.00000	47.00000	0.00000	-10.477	-0.50000	0.0	0.0	0.0
	23.00000	47.00000	0.00000	-10.471	-0.50000	0.0	0.0	0.0
	24.00000	47.00000	0.00000	-10.446	-0.50000	0.0	0.0	0.0
	25.00000	47.00000	0.00000	-10.402	-0.50000	0.0	0.0	0.0
	26.00000	47.00000	0.00000	-10.338	-0.50000	0.0	0.0	0.0
	27.00000	47.00000	0.00000	-10.253	-0.50000	0.0	0.0	0.0
	28.00000	47.00000	0.00000	-10.148	-0.50000	0.0	0.0	0.0
	29.00000	47.00000	0.00000	-10.023	-0.50000	0.0	0.0	0.0
	30.00000	47.00000	0.00000	-9.8777	-0.50000	0.0	0.0	0.0
	31.00000	47.00000	0.00000	-9.7135	-0.50000	0.0	0.0	0.0
	32.00000	47.00000	0.00000	-9.5311	-0.50000	0.0	0.0	0.0
	33.00000	47.00000	0.00000	-9.3315	-0.50000	0.0	0.0	0.0
	34.00000	47.00000	0.00000	-9.1159	-0.50000	0.0	0.0	0.0
	35.00000	47.00000	0.00000	-8.8858	-0.50000	0.0	0.0	0.0
	36.00000	47.00000	0.00000	-8.6431	-0.50000	0.0	0.0	0.0
	37.00000	47.00000	0.00000	-8.3894	-0.50000	0.0	0.0	0.0
	38.00000	47.00000	0.00000	-8.1267	-0.50000	0.0	0.0	0.0
	39.00000	47.00000	0.00000	-7.8569	-0.50000	0.0	0.0	0.0
	40.00000	47.00000	0.00000	-7.5821	-0.50000	0.0	0.0	0.0
	41.00000	47.00000	0.00000	-7.3042	-0.50000	0.0	0.0	0.0
	42.00000	47.00000	0.00000	-7.0249	-0.50000	0.0	0.0	0.0
	43.00000	47.00000	0.00000	-6.7461	-0.50000	0.0	0.0	0.0
	44.00000	47.00000	0.00000	-6.4692	-0.50000	0.0	0.0	0.0
	45.00000	47.00000	0.00000	-6.1956	-0.50000	0.0	0.0	0.0
	46.00000	47.00000	0.00000	-5.9266	-0.50000	0.0	0.0	0.0
	47.00000	47.00000	0.00000	-5.6630	-0.50000	0.0	0.0	0.0
	48.00000	47.00000	0.00000	-5.4058	-0.50000	0.0	0.0	0.0
	49.00000	47.00000	0.00000	-5.1556	-0.50000	0.0	0.0	0.0
	50.00000	47.00000	0.00000	-4.9130	-0.50000	0.0	0.0	0.0
	51.00000	47.00000	0.00000	-4.6782	-0.50000	0.0	0.0	0.0
	52.00000	47.00000	0.00000	-4.4516	-0.50000	0.0	0.0	0.0
	53.00000	47.00000	0.00000	-4.2333	-0.50000	0.0	0.0	0.0
	54.00000	47.00000	0.00000	-4.0233	-0.50000	0.0	0.0	0.0
	55.00000	47.00000	0.00000	-3.8218	-0.50000	0.0	0.0	0.0
	56.00000	47.00000	0.00000	-3.6286	-0.50000	0.0	0.0	0.0
	57.00000	47.00000	0.00000	-3.4436	-0.50000	0.0	0.0	0.0
	58.00000	47.00000	0.00000	-3.2666	-0.50000	0.0	0.0	0.0
	59.00000	47.00000	0.00000	-3.0975	-0.50000	0.0	0.0	0.0
	60.00000	47.00000	0.00000	-2.9361	-0.50000	0.0	0.0	0.0
	-20.00000	48.00000	0.00000	-2.7467	-0.50000	0.0	0.0	0.0
	-19.00000	48.00000	0.00000	-2.5813	-0.50000	0.0	0.0	0.0
	-18.00000	48.00000	0.00000	-2.4119	-0.50000	0.0	0.0	0.0
	-17.00000	48.00000	0.00000	-2.2387	-0.50000	0.0	0.0	0.0
	-16.00000	48.00000	0.00000	-2.0618	-0.50000	0.0	0.0	0.0
	-15.00000	48.00000	0.00000	-1.8810	-0.50000	0.0	0.0	0.0
	-14.00000	48.00000	0.00000	-1.6965	-0.50000	0.0	0.0	0.0
	-13.00000	48.00000	0.00000	-1.5081	-0.50000	0.0	0.0	0.0
	-12.00000	48.00000	0.00000	-1.3157	-0.50000	0.0	0.0	0.0
	-11.00000	48.00000	0.00000	-1.1191	-0.50000	0.0	0.0	0.0
	-10.00000	48.00000	0.00000	-0.9180	-0.50000	0.0	0.0	0.0
	-9.00000	48.00000	0.00000	-0.7121	-0.50000	0.0	0.0	0.0
	-8.00000	48.00000	0.00000	-0.5011	-0.50000	0.0	0.0	0.0
	-7.00000	48.00000	0.00000	-0.2844	-0.50000	0.0	0.0	0.0
	-6.00000	48.00000	0.00000	-0.0615	-0.50000	0.0	0.0	0.0
	-5.00000	48.00000	0.00000	0.1674	-0.50000	0.0	0.0	0.0
	-4.00000	48.00000	0.00000	0.3989	-0.50000	0.0	0.0	0.0
	-3.00000	48.00000	0.00000	0.5979	-0.50000	0.0	0.0	0.0
	-2.00000	48.00000	0.00000	0.7204	-0.50000	0.0	0.0	0.0
	-1.00000	48.00000	0.00000	0.8429	-0.50000	0.0	0.0	0.0
	0.00000	48.00000	0.00000	0.9536	-0.50000	0.0	0.0	0.0
	1.00000	48.00000	0.00000	1.0670	-0.50000	0.0	0.0	0.0
	2.00000	48.00000	0.00000	1.1795	-0.50000	0.0	0.0	0.0
	3.00000	48.00000	0.00000	1.2912	-0.50000	0.0	0.0	0.0
	4.00000	48.00000	0.00000	1.4023	-0.50000	0.0	0.0	0.0
	5.00000	48.00000	0.00000	1.5127	-0.50000	0.0	0.0	0.0
	6.00000	48.00000	0.00000	1.6226	-0.50000	0.0	0.0	0.0
	7.00000	48.00000	0.00000	1.7318	-0.50000	0.0	0.0	0.0
	8.00000	48.00000	0.00000	1.8402	-0.50000	0.0	0.0	0.0
	9.00000	48.00000	0.00000	1.9473	-0.50000	0.0	0.0	0.0
	10.00000	48.00000	0.00000	2.0530	-0.50000	0.0	0.0	0.0
	11.00000							



73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Stresses			
	X [m]	Y [m]			Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
	21.00000	50.00000	0.00000	-8.3232	-0.50000	0.0	0.0	0.0
	22.00000	50.00000	0.00000	-8.3273	-0.50000	0.0	0.0	0.0
	23.00000	50.00000	0.00000	-8.3177	-0.50000	0.0	0.0	0.0
	24.00000	50.00000	0.00000	-8.2940	-0.50000	0.0	0.0	0.0
	25.00000	50.00000	0.00000	-8.2561	-0.50000	0.0	0.0	0.0
	26.00000	50.00000	0.00000	-8.2038	-0.50000	0.0	0.0	0.0
	27.00000	50.00000	0.00000	-8.1372	-0.50000	0.0	0.0	0.0
	28.00000	50.00000	0.00000	-8.0563	-0.50000	0.0	0.0	0.0
	29.00000	50.00000	0.00000	-7.9613	-0.50000	0.0	0.0	0.0
	30.00000	50.00000	0.00000	-7.8526	-0.50000	0.0	0.0	0.0
	31.00000	50.00000	0.00000	-7.7307	-0.50000	0.0	0.0	0.0
	32.00000	50.00000	0.00000	-7.5961	-0.50000	0.0	0.0	0.0
	33.00000	50.00000	0.00000	-7.4497	-0.50000	0.0	0.0	0.0
	34.00000	50.00000	0.00000	-7.2922	-0.50000	0.0	0.0	0.0
	35.00000	50.00000	0.00000	-7.1246	-0.50000	0.0	0.0	0.0
	36.00000	50.00000	0.00000	-6.9480	-0.50000	0.0	0.0	0.0
	37.00000	50.00000	0.00000	-6.7635	-0.50000	0.0	0.0	0.0
	38.00000	50.00000	0.00000	-6.5722	-0.50000	0.0	0.0	0.0
	39.00000	50.00000	0.00000	-6.3755	-0.50000	0.0	0.0	0.0
	40.00000	50.00000	0.00000	-6.1744	-0.50000	0.0	0.0	0.0
	41.00000	50.00000	0.00000	-5.9702	-0.50000	0.0	0.0	0.0
	42.00000	50.00000	0.00000	-5.7641	-0.50000	0.0	0.0	0.0
	43.00000	50.00000	0.00000	-5.5571	-0.50000	0.0	0.0	0.0
	44.00000	50.00000	0.00000	-5.3503	-0.50000	0.0	0.0	0.0
	45.00000	50.00000	0.00000	-5.1446	-0.50000	0.0	0.0	0.0
	46.00000	50.00000	0.00000	-4.9410	-0.50000	0.0	0.0	0.0
	47.00000	50.00000	0.00000	-4.7400	-0.50000	0.0	0.0	0.0
	48.00000	50.00000	0.00000	-4.5426	-0.50000	0.0	0.0	0.0
	49.00000	50.00000	0.00000	-4.3490	-0.50000	0.0	0.0	0.0
	50.00000	50.00000	0.00000	-4.1600	-0.50000	0.0	0.0	0.0
	51.00000	50.00000	0.00000	-3.9758	-0.50000	0.0	0.0	0.0
	52.00000	50.00000	0.00000	-3.7967	-0.50000	0.0	0.0	0.0
	53.00000	50.00000	0.00000	-3.6231	-0.50000	0.0	0.0	0.0
	54.00000	50.00000	0.00000	-3.4550	-0.50000	0.0	0.0	0.0
	55.00000	50.00000	0.00000	-3.2926	-0.50000	0.0	0.0	0.0
	56.00000	50.00000	0.00000	-3.1359	-0.50000	0.0	0.0	0.0
	57.00000	50.00000	0.00000	-2.9850	-0.50000	0.0	0.0	0.0
	58.00000	50.00000	0.00000	-2.8398	-0.50000	0.0	0.0	0.0
	59.00000	50.00000	0.00000	-2.7004	-0.50000	0.0	0.0	0.0
	60.00000	50.00000	0.00000	-2.5665	-0.50000	0.0	0.0	0.0
Grid 2	-20.00000	-20.00000	-8.50000	-2.4419	-8.9310	-26.234E-6	-0.23209	1.7837E-6
	-19.00000	-20.00000	-8.50000	-2.5659	-8.9310	-28.548E-6	-0.24321	1.8691E-6
	-18.00000	-20.00000	-8.50000	-2.6948	-8.9310	-31.081E-6	-0.25491	1.9589E-6
	-17.00000	-20.00000	-8.50000	-2.8287	-8.9310	-33.855E-6	-0.26721	2.0535E-6
	-16.00000	-20.00000	-8.50000	-2.9676	-8.9310	-36.889E-6	-0.28015	2.1528E-6
	-15.00000	-20.00000	-8.50000	-3.1114	-8.9310	-40.206E-6	-0.29373	2.2571E-6
	-14.00000	-20.00000	-8.50000	-3.2602	-8.9310	-43.827E-6	-0.30797	2.3665E-6
	-13.00000	-20.00000	-8.50000	-3.4137	-8.9310	-47.774E-6	-0.32290	2.4810E-6
	-12.00000	-20.00000	-8.50000	-3.5721	-8.9310	-52.069E-6	-0.33851	2.6009E-6
	-11.00000	-20.00000	-8.50000	-3.7349	-8.9310	-56.733E-6	-0.35481	2.7261E-6
	-10.00000	-20.00000	-8.50000	-3.9022	-8.9310	-61.782E-6	-0.37180	2.8565E-6
	-9.00000	-20.00000	-8.50000	-4.0735	-8.9310	-67.231E-6	-0.38947	2.9921E-6
	-8.00000	-20.00000	-8.50000	-4.2485	-8.9310	-73.090E-6	-0.40779	3.1328E-6
	-7.00000	-20.00000	-8.50000	-4.4269	-8.9310	-79.363E-6	-0.42675	3.2782E-6
	-6.00000	-20.00000	-8.50000	-4.6082	-8.9310	-86.047E-6	-0.44629	3.4282E-6
	-5.00000	-20.00000	-8.50000	-4.7919	-8.9310	-93.128E-6	-0.46636	3.5822E-6
	-4.00000	-20.00000	-8.50000	-4.9774	-8.9310	-100.58E-6	-0.48689	3.7398E-6
	-3.00000	-20.00000	-8.50000	-5.1640	-8.9310	-108.38E-6	-0.50781	3.9030E-6
	-2.00000	-20.00000	-8.50000	-5.3510	-8.9310	-116.48E-6	-0.52902	4.0630E-6
	-1.00000	-20.00000	-8.50000	-5.5377	-8.9310	-124.82E-6	-0.55041	4.2271E-6
	0.00000	-20.00000	-8.50000	-5.7232	-8.9310	-133.34E-6	-0.57187	4.3938E-6
	1.00000	-20.00000	-8.50000	-5.9066	-8.9310	-141.96E-6	-0.59327	4.5600E-6
	2.00000	-20.00000	-8.50000	-6.0872	-8.9310	-150.61E-6	-0.61447	4.7187E-6
	3.00000	-20.00000	-8.50000	-6.2639	-8.9310	-159.20E-6	-0.63536	4.8795E-6
	4.00000	-20.00000	-8.50000	-6.4359	-8.9310	-167.64E-6	-0.65577	5.0355E-6
	5.00000	-20.00000	-8.50000	-6.6023	-8.9310	-175.86E-6	-0.67559	5.1875E-6
	6.00000	-20.00000	-8.50000	-6.7621	-8.9310	-183.78E-6	-0.69468	5.3339E-6
	7.00000	-20.00000	-8.50000	-6.9146	-8.9310	-191.33E-6	-0.71291	5.4738E-6
	8.00000	-20.00000	-8.50000	-7.0590	-8.9310	-198.45E-6	-0.73018	5.6063E-6
	9.00000	-20.00000	-8.50000	-7.1944	-8.9310	-205.09E-6	-0.74638	5.7306E-6
	10.00000	-20.00000	-8.50000	-7.3203	-8.9310	-211.21E-6	-0.76142	5.8468E-6
	11.00000	-20.00000	-8.50000	-7.4359	-8.9310	-216.79E-6	-0.77522	5.9519E-6
	12.00000	-20.00000	-8.50000	-7.5407	-8.9310	-221.79E-6	-0.78771	6.0477E-6
	13.00000	-20.00000	-8.50000	-7.6343	-8.9310	-226.21E-6	-0.79884	6.1330E-6
	14.00000	-20.00000	-8.50000	-7.7160	-8.9310	-230.04E-6	-0.80855	6.2075E-6
	15.00000	-20.00000	-8.50000	-7.7857	-8.9310	-233.27E-6	-0.81681	6.2709E-6
	16.00000	-20.00000	-8.50000	-7.8429	-8.9310	-235.91E-6	-0.82359	6.3229E-6
	17.00000	-20.00000	-8.50000	-7.8975	-8.9310	-237.95E-6	-0.82934	6.3645E-6
	18.00000	-20.00000	-8.50000	-7.9192	-8.9310	-239.40E-6	-0.83261	6.3921E-6
	19.00000	-20.00000	-8.50000	-7.9378	-8.9310	-240.26E-6	-0.83482	6.4091E-6
	20.00000	-20.00000	-8.50000	-7.9434	-8.9310	-240.53E-6	-0.83550	6.4143E-6
	21.00000	-20.00000	-8.50000	-7.9359	-8.9310	-240.21E-6	-0.83464	6.4077E-6
	22.00000	-20.00000	-8.50000	-7.9153	-8.9310	-239.31E-6	-0.83224	6.3893E-6
	23.00000	-20.00000	-8.50000	-7.8816	-8.9310	-237.81E-6	-0.82830	6.3591E-6
	24.00000	-20.00000	-8.50000	-7.8352	-8.9310	-235.73E-6	-0.82285	6.3178E-6
	25.00000	-20.00000	-8.50000	-7.7761	-8.9310	-233.05E-6	-0.81589	6.2639E-6
	26.00000	-20.00000	-8.50000	-7.7045	-8.9310	-229.77E-6	-0.80746	6.1991E-6
	27.00000	-20.00000	-8.50000	-7.6210	-8.9310	-225.90E-6	-0.79757	6.1233E-6
	28.00000	-20.00000	-8.50000	-7.5257	-8.9310	-221.44E-6	-0.78628	6.0362E-6
	29.00000	-20.00000	-8.50000	-7.4191	-8.9310	-216.40E-6	-0.77363	5.9396E-6
	30.00000	-20.00000	-8.50000	-7.3019	-8.9310	-210.79E-6	-0.75967	5.8326E-6
	31.00000	-20.00000	-8.50000	-7.1744	-8.9310	-204.63E-6	-0.74449	5.7154E-6
	32.00000	-20.00000	-8.50000	-7.0375	-8.9310	-197.96E-6	-0.72815	5.5907E-6
	33.00000	-20.00000	-8.50000	-6.8917	-8.9310	-190.81E-6	-0.71075	5.4572E-6
	34.00000	-20.00000	-8.50000	-6.7379	-8.9310	-183.23E-6	-0.69239	5.3164E-6
	35.00000	-20.00000	-8.50000	-6.5768	-8.9310	-175.28E-6	-0.67191	5.1691E-6
	36.00000	-20.00000	-8.50000	-6.4093	-8.9310	-167.04E-6	-0.65027	5.0163E-6
	37.00000	-20.00000	-8.50000	-6.2363	-8.9310	-158.58E-6	-0.62726	4.8589E-6
	38.00000	-20.00000	-8.50000	-6.0586	-8.9310	-149.98E-6	-0.60380	4.6981E-6
	39.00000	-20.00000	-8.50000	-5.8773	-8.9310	-141.32E-6	-0.58052	4.5349E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Name		Location	Z[Level]	Z	Calc Level	Vert Stress	Stresses	Sum Princ	Vert Strain
		X	Y	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
		[m]	[m]						
60.00000	-18.00000	-8.50000	-2.6471	-8.9310	-30.290E-6	-0.25078	1.9273E-6		
-20.0000	-17.0000	-8.50000	-2.7992	-8.9310	-33.317E-6	-0.26458	2.0332E-6		
-19.0000	-17.0000	-8.50000	-2.9487	-8.9310	-36.593E-6	-0.27853	2.1403E-6		
-18.0000	-17.0000	-8.50000	-3.1050	-8.9310	-40.232E-6	-0.29333	2.2540E-6		
-17.0000	-17.0000	-8.50000	-3.2680	-8.9310	-44.275E-6	-0.30902	2.3745E-6		
-16.0000	-17.0000	-8.50000	-3.4380	-8.9310	-48.767E-6	-0.32567	2.5023E-6		
-15.0000	-17.0000	-8.50000	-3.6150	-8.9310	-53.758E-6	-0.34331	2.6378E-6		
-14.0000	-17.0000	-8.50000	-3.7990	-8.9310	-59.301E-6	-0.36200	2.7812E-6		
-13.0000	-17.0000	-8.50000	-3.9901	-8.9310	-65.451E-6	-0.38177	2.9330E-6		
-12.0000	-17.0000	-8.50000	-4.1881	-8.9310	-72.268E-6	-0.40267	3.0934E-6		
-11.0000	-17.0000	-8.50000	-4.3930	-8.9310	-79.811E-6	-0.42473	3.2627E-6		
-10.0000	-17.0000	-8.50000	-4.6047	-8.9310	-88.140E-6	-0.44797	3.4410E-6		
-9.0000	-17.0000	-8.50000	-4.8228	-8.9310	-97.308E-6	-0.47240	3.6285E-6		
-8.0000	-17.0000	-8.50000	-5.0470	-8.9310	-107.37E-6	-0.49803	3.8252E-6		
-7.0000	-17.0000	-8.50000	-5.2768	-8.9310	-118.35E-6	-0.52483	4.0308E-6		
-6.0000	-17.0000	-8.50000	-5.5118	-8.9310	-130.29E-6	-0.55277	4.2451E-6		
-5.0000	-17.0000	-8.50000	-5.7512	-8.9310	-143.18E-6	-0.58178	4.4675E-6		
-4.0000	-17.0000	-8.50000	-5.9942	-8.9310	-157.00E-6	-0.61176	4.6975E-6		
-3.0000	-17.0000	-8.50000	-6.2401	-8.9310	-171.70E-6	-0.64259	4.9340E-6		
-2.0000	-17.0000	-8.50000	-6.4877	-8.9310	-187.19E-6	-0.67414	5.1758E-6		
-1.0000	-17.0000	-8.50000	-6.7359	-8.9310	-203.35E-6	-0.70621	5.4217E-6		
0.0000	-17.0000	-8.50000	-6.9836	-8.9310	-220.04E-6	-0.73860	5.6701E-6		
1.0000	-17.0000	-8.50000	-7.2294	-8.9310	-237.06E-6	-0.77109	5.9191E-6		
2.0000	-17.0000	-8.50000	-7.4721	-8.9310	-254.22E-6	-0.80343	6.1671E-6		
3.0000	-17.0000	-8.50000	-7.7101	-8.9310	-271.30E-6	-0.83537	6.4119E-6		
4.0000	-17.0000	-8.50000	-7.9423	-8.9310	-288.08E-6	-0.86645	6.6537E-6		
5.0000	-17.0000	-8.50000	-8.1671	-8.9310	-304.56E-6	-0.89703	6.8946E-6		
6.0000	-17.0000	-8.50000	-8.3833	-8.9310	-319.96E-6	-0.92627	7.1088E-6		
7.0000	-17.0000	-8.50000	-8.5896	-8.9310	-334.72E-6	-0.95416	7.3226E-6		
8.0000	-17.0000	-8.50000	-8.7849	-8.9310	-348.50E-6	-0.98051	7.5247E-6		
9.0000	-17.0000	-8.50000	-8.9680	-8.9310	-361.22E-6	-1.0051	7.7134E-6		
10.0000	-17.0000	-8.50000	-9.1381	-8.9310	-372.81E-6	-1.0279	7.8881E-6		
11.0000	-17.0000	-8.50000	-9.2942	-8.9310	-383.24E-6	-1.0488	8.0498E-6		
12.0000	-17.0000	-8.50000	-9.4355	-8.9310	-392.48E-6	-1.0675	8.1917E-6		
13.0000	-17.0000	-8.50000	-9.5615	-8.9310	-400.56E-6	-1.0842	8.3194E-6		
14.0000	-17.0000	-8.50000	-9.6715	-8.9310	-407.47E-6	-1.0987	8.4305E-6		
15.0000	-17.0000	-8.50000	-9.7652	-8.9310	-413.20E-6	-1.1109	8.5246E-6		
16.0000	-17.0000	-8.50000	-9.8420	-8.9310	-417.93E-6	-1.1210	8.6016E-6		
17.0000	-17.0000	-8.50000	-9.9018	-8.9310	-421.53E-6	-1.1288	8.6614E-6		
18.0000	-17.0000	-8.50000	-9.9483	-8.9310	-424.07E-6	-1.1343	8.7099E-6		
19.0000	-17.0000	-8.50000	-9.9694	-8.9310	-425.57E-6	-1.1376	8.7290E-6		
20.0000	-17.0000	-8.50000	-9.9769	-8.9310	-426.04E-6	-1.1386	8.7367E-6		
21.0000	-17.0000	-8.50000	-9.9668	-8.9310	-425.50E-6	-1.1373	8.7270E-6		
22.0000	-17.0000	-8.50000	-9.9413	-8.9310	-423.92E-6	-1.1338	8.6991E-6		
23.0000	-17.0000	-8.50000	-9.8942	-8.9310	-421.31E-6	-1.1280	8.6555E-6		
24.0000	-17.0000	-8.50000	-9.8320	-8.9310	-417.65E-6	-1.1200	8.5938E-6		
25.0000	-17.0000	-8.50000	-9.7526	-8.9310	-412.90E-6	-1.1097	8.5148E-6		
26.0000	-17.0000	-8.50000	-9.6566	-8.9310	-407.05E-6	-1.0971	8.4188E-6		
27.0000	-17.0000	-8.50000	-9.5442	-8.9310	-400.07E-6	-1.0824	8.3059E-6		
28.0000	-17.0000	-8.50000	-9.4159	-8.9310	-391.93E-6	-1.0655	8.1764E-6		
29.0000	-17.0000	-8.50000	-9.2723	-8.9310	-382.63E-6	-1.0465	8.0329E-6		
30.0000	-17.0000	-8.50000	-9.1141	-8.9310	-372.14E-6	-1.0255	7.8694E-6		
31.0000	-17.0000	-8.50000	-8.9420	-8.9310	-360.49E-6	-1.0025	7.6931E-6		
32.0000	-17.0000	-8.50000	-8.7569	-8.9310	-347.72E-6	-0.97767	7.5072E-6		
33.0000	-17.0000	-8.50000	-8.5598	-8.9310	-333.89E-6	-0.95114	7.2993E-6		
34.0000	-17.0000	-8.50000	-8.3518	-8.9310	-319.09E-6	-0.92308	7.0842E-6		
35.0000	-17.0000	-8.50000	-8.1340	-8.9310	-303.45E-6	-0.89368	6.8589E-6		
36.0000	-17.0000	-8.50000	-7.9077	-8.9310	-287.13E-6	-0.86316	6.6249E-6		
37.0000	-17.0000	-8.50000	-7.6742	-8.9310	-270.31E-6	-0.83176	6.3842E-6		
38.0000	-17.0000	-8.50000	-7.4350	-8.9310	-253.21E-6	-0.79971	6.1385E-6		
39.0000	-17.0000	-8.50000	-7.1913	-8.9310	-236.04E-6	-0.76728	5.8898E-6		
40.0000	-17.0000	-8.50000	-6.9446	-8.9310	-219.00E-6	-0.73472	5.6402E-6		
41.0000	-17.0000	-8.50000	-6.6962	-8.9310	-202.31E-6	-0.70227	5.3915E-6		
42.0000	-17.0000	-8.50000	-6.4474	-8.9310	-186.14E-6	-0.67016	5.1438E-6		
43.0000	-17.0000	-8.50000	-6.1993	-8.9310	-170.66E-6	-0.63859	4.9032E-6		
44.0000	-17.0000	-8.50000	-5.9532	-8.9310	-155.97E-6	-0.60775	4.6676E-6		
45.0000	-17.0000	-8.50000	-5.7100	-8.9310	-142.16E-6	-0.57778	4.4368E-6		
46.0000	-17.0000	-8.50000	-5.4706	-8.9310	-129.29E-6	-0.54880	4.2106E-6		
47.0000	-17.0000	-8.50000	-5.2358	-8.9310	-117.37E-6	-0.52090	4.0006E-6		
48.0000	-17.0000	-8.50000	-5.0062	-8.9310	-106.41E-6	-0.49415	3.7953E-6		
49.0000	-17.0000	-8.50000	-4.7824	-8.9310	-96.38E-6	-0.46858	3.5952E-6		
50.0000	-17.0000	-8.50000	-4.5648	-8.9310	-87.248E-6	-0.44422	3.4122E-6		
51.0000	-17.0000	-8.50000	-4.3537	-8.9310	-78.953E-6	-0.42106	3.2345E-6		
52.0000	-17.0000	-8.50000	-4.1494	-8.9310	-71.445E-6	-0.39909	3.0659E-6		
53.0000	-17.0000	-8.50000	-3.9521	-8.9310	-64.665E-6	-0.37829	2.9063E-6		
54.0000	-17.0000	-8.50000	-3.7619	-8.9310	-58.551E-6	-0.35862	2.7553E-6		
55.0000	-17.0000	-8.50000	-3.5787	-8.9310	-53.046E-6	-0.34004	2.6127E-6		
56.0000	-17.0000	-8.50000	-3.4027	-8.9310	-48.093E-6	-0.32251	2.4849E-6		
57.0000	-17.0000	-8.50000	-3.2337	-8.9310	-43.638E-6	-0.30598	2.3511E-6		
58.0000	-17.0000	-8.50000	-3.0717	-8.9310	-39.631E-6	-0.29040	2.2315E-6		
59.0000	-17.0000	-8.50000	-2.9164	-8.9310	-36.028E-6	-0.27571	2.1187E-6		
60.0000	-17.0000	-8.50000	-2.7678	-8.9310	-32.787E-6	-0.26188	2.0225E-6		
-20.0000	-16.0000	-8.50000	-2.9257	-8.9310	-36.082E-6	-0.27638	2.1238E-6		
-19.0000	-16.0000	-8.50000	-3.0848	-8.9310	-39.762E-6	-0.29142	2.2393E-6		
-18.0000	-16.0000	-8.50000	-3.2512	-8.9310	-43.871E-6	-0.30743	2.3692E-6		
-17.0000	-16.0000	-8.50000	-3.4252	-8.9310	-48.460E-6	-0.32446	2.4930E-6		
-16.0000	-16.0000	-8.50000	-3.6069	-8.9310	-53.589E-6	-0.34258	2.6322E-6		
-15.0000	-16.0000	-8.50000	-3.7964	-8.9310	-59.322E-6	-0.36186	2.7801E-6		
-14.0000	-16.0000	-8.50000	-3.9938	-8.9310	-65.740E-6	-0.38234	2.9374E-6		
-13.0000	-16.0000	-8.50000	-4.1994	-8.9310	-72.889E-6	-0.40410	3.1044E-6		
-12.0000	-16.0000	-8.50000	-4.4128	-8.9310	-80.881E-6	-0.42719	3.2816E-6		
-11.0000	-16.0000	-8.50000	-4.6241	-8.9310	-89.791E-6	-0.45167	3.4694E-6		
-10.0000	-16.0000	-8.50000	-4.8632	-8.9310	-99.704E-6	-0.47756	3.6681E-6		
-9.0000	-16.0000	-8.50000	-5.0998	-8.9310	-110.71E-6	-0.50490	3.8779E-6		
-8.0000	-16.0000	-8.50000	-5.3435	-8.9310	-122.87E-6	-0.53371	4.0988E-6		
-7.0000	-16.0000	-8.50000	-5.5940	-8.9310	-136.27E-6	-0.56397	4.3319E-6		
-6.0000	-16.0000	-8.50000	-5.8506	-8.9310	-150.95E-6	-0.59565	4.5739E-6		
-5.0000	-16.0000	-8.50000	-6.1127	-8.9310	-166.94E-6	-0.62869	4.8273E-6		
-4.0000	-16.0000	-8.50000	-6.3794	-8.9310	-184.21E-6	-0.66299	5.0902E-6		
-3.0000	-16.0000	-8.50000	-6.6497	-8.9310	-202.71E-6	-0.69841	5.3618E-6		
-2.0000	-16.0000	-8.50000	-6.9224	-8.9310	-222.33E-6	-0.73477	5.6405E-6		
-1.0000	-16.0000	-8.50000	-7.1963	-8.9310	-242.93E-6	-0.77183	5.9248E-6		
0.0000	-16.0000	-8.50000	-7.4701	-8.9310	-264.28E-6	-0.80944	6.2128E-6		
1.0000	-16.0000	-8.50000	-7.7422	-8.9310	-286.14E-6	-0.84720	6.5022E-6		
2.0000	-16.0000	-8.50000	-8.0110	-8.9310	-308.22E-6	-0.88486	6.7908E-6		
3.0000	-16.0000	-8.50000	-8.2750	-8.9310	-330.21E-6	-0.92209	7.0761E-6		
4.0000	-16.0000	-8.50000	-8.5325	-8.9310	-351.81E-6	-0.95856	7.3566E-6		
5.0000	-16.0000	-8.50000	-8.7821	-8.9310	-372.72E-6	-0.99398	7.6270E-6		
6.0000	-16.0000	-8.50000	-9.0220	-8.9310	-392.69E-6	-1.02880	7.8881E-6		
7.0000	-16.0000	-8.50000	-9.2510	-8.9310	-411.51E-6	-1.0605	8.1368E		



73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
18.00000	-14.00000	-8.50000	-12.614	-8.9310	-822.32E-6	-1.6104	12.347E-6	
19.00000	-14.00000	-8.50000	-12.648	-8.9310	-824.98E-6	-1.6153	12.384E-6	
20.00000	-14.00000	-8.50000	-12.658	-8.9310	-825.82E-6	-1.6168	12.396E-6	
21.00000	-14.00000	-8.50000	-12.644	-8.9310	-824.86E-6	-1.6149	12.382E-6	
22.00000	-14.00000	-8.50000	-12.607	-8.9310	-822.09E-6	-1.6097	12.341E-6	
23.00000	-14.00000	-8.50000	-12.547	-8.9310	-817.46E-6	-1.6011	12.275E-6	
24.00000	-14.00000	-8.50000	-12.463	-8.9310	-810.89E-6	-1.5890	12.183E-6	
25.00000	-14.00000	-8.50000	-12.356	-8.9310	-802.30E-6	-1.5736	12.064E-6	
26.00000	-14.00000	-8.50000	-12.226	-8.9310	-791.55E-6	-1.5546	11.939E-6	
27.00000	-14.00000	-8.50000	-12.074	-8.9310	-778.52E-6	-1.5323	11.748E-6	
28.00000	-14.00000	-8.50000	-11.900	-8.9310	-763.04E-6	-1.5064	11.550E-6	
29.00000	-14.00000	-8.50000	-11.705	-8.9310	-744.99E-6	-1.4771	11.325E-6	
30.00000	-14.00000	-8.50000	-11.489	-8.9310	-724.22E-6	-1.4444	11.074E-6	
31.00000	-14.00000	-8.50000	-11.254	-8.9310	-700.66E-6	-1.4083	10.798E-6	
32.00000	-14.00000	-8.50000	-11.000	-8.9310	-674.26E-6	-1.3690	10.498E-6	
33.00000	-14.00000	-8.50000	-10.729	-8.9310	-645.08E-6	-1.3268	10.174E-6	
34.00000	-14.00000	-8.50000	-10.443	-8.9310	-613.28E-6	-1.2818	9.8296E-6	
35.00000	-14.00000	-8.50000	-10.144	-8.9310	-579.15E-6	-1.2345	9.4670E-6	
36.00000	-14.00000	-8.50000	-9.8321	-8.9310	-543.10E-6	-1.1851	9.0892E-6	
37.00000	-14.00000	-8.50000	-9.5110	-8.9310	-505.65E-6	-1.1343	8.6999E-6	
38.00000	-14.00000	-8.50000	-9.1825	-8.9310	-467.44E-6	-1.0824	8.3029E-6	
39.00000	-14.00000	-8.50000	-8.8487	-8.9310	-429.13E-6	-1.0301	7.9024E-6	
40.00000	-14.00000	-8.50000	-8.5120	-8.9310	-391.40E-6	-0.97788	7.5023E-6	
41.00000	-14.00000	-8.50000	-8.1744	-8.9310	-354.86E-6	-0.92621	7.1067E-6	
42.00000	-14.00000	-8.50000	-7.8380	-8.9310	-320.05E-6	-0.87557	6.7188E-6	
43.00000	-14.00000	-8.50000	-7.5047	-8.9310	-287.35E-6	-0.82634	6.3418E-6	
44.00000	-14.00000	-8.50000	-7.1761	-8.9310	-257.05E-6	-0.77886	5.9780E-6	
45.00000	-14.00000	-8.50000	-6.8537	-8.9310	-229.29E-6	-0.73335	5.6292E-6	
46.00000	-14.00000	-8.50000	-6.5386	-8.9310	-204.10E-6	-0.68998	5.2969E-6	
47.00000	-14.00000	-8.50000	-6.2318	-8.9310	-181.42E-6	-0.64884	4.9816E-6	
48.00000	-14.00000	-8.50000	-5.9341	-8.9310	-161.14E-6	-0.60999	4.6837E-6	
49.00000	-14.00000	-8.50000	-5.6460	-8.9310	-143.10E-6	-0.57342	4.4033E-6	
50.00000	-14.00000	-8.50000	-5.3681	-8.9310	-127.11E-6	-0.53908	4.1419E-6	
51.00000	-14.00000	-8.50000	-5.1005	-8.9310	-112.97E-6	-0.50690	3.8931E-6	
52.00000	-14.00000	-8.50000	-4.8433	-8.9310	-100.50E-6	-0.47680	3.6622E-6	
53.00000	-14.00000	-8.50000	-4.5967	-8.9310	-89.511E-6	-0.44868	3.4464E-6	
54.00000	-14.00000	-8.50000	-4.3604	-8.9310	-79.829E-6	-0.42242	3.2449E-6	
55.00000	-14.00000	-8.50000	-4.1345	-8.9310	-71.300E-6	-0.39792	3.0569E-6	
56.00000	-14.00000	-8.50000	-3.9187	-8.9310	-63.782E-6	-0.37506	2.8815E-6	
57.00000	-14.00000	-8.50000	-3.7127	-8.9310	-57.151E-6	-0.35374	2.7214E-6	
58.00000	-14.00000	-8.50000	-3.5163	-8.9310	-51.295E-6	-0.33386	2.5652E-6	
59.00000	-14.00000	-8.50000	-3.3293	-8.9310	-46.118E-6	-0.31530	2.4227E-6	
60.00000	-14.00000	-8.50000	-3.1512	-8.9310	-41.535E-6	-0.29798	2.2897E-6	
-20.00000	-13.00000	-8.50000	-3.3262	-8.9310	-45.761E-6	-0.31471	2.4181E-6	
-19.00000	-13.00000	-8.50000	-3.5167	-8.9310	-50.966E-6	-0.33355	2.5628E-6	
-18.00000	-13.00000	-8.50000	-3.7171	-8.9310	-56.873E-6	-0.35380	2.7183E-6	
-17.00000	-13.00000	-8.50000	-3.9278	-8.9310	-63.589E-6	-0.37557	2.8848E-6	
-16.00000	-13.00000	-8.50000	-4.1491	-8.9310	-71.238E-6	-0.39897	3.0650E-6	
-15.00000	-13.00000	-8.50000	-4.3814	-8.9310	-79.963E-6	-0.42415	3.2582E-6	
-14.00000	-13.00000	-8.50000	-4.6250	-8.9310	-89.929E-6	-0.45124	3.4661E-6	
-13.00000	-13.00000	-8.50000	-4.8801	-8.9310	-101.328E-6	-0.48038	3.6897E-6	
-12.00000	-13.00000	-8.50000	-5.1471	-8.9310	-114.37E-6	-0.51173	3.9302E-6	
-11.00000	-13.00000	-8.50000	-5.4259	-8.9310	-129.29E-6	-0.54543	4.1886E-6	
-10.00000	-13.00000	-8.50000	-5.7167	-8.9310	-146.37E-6	-0.58162	4.4652E-6	
-9.00000	-13.00000	-8.50000	-6.0195	-8.9310	-165.88E-6	-0.62045	4.7639E-6	
-8.00000	-13.00000	-8.50000	-6.3339	-8.9310	-188.14E-6	-0.66202	5.0826E-6	
-7.00000	-13.00000	-8.50000	-6.6596	-8.9310	-213.43E-6	-0.70642	5.4229E-6	
-6.00000	-13.00000	-8.50000	-6.9961	-8.9310	-242.03E-6	-0.75370	5.7852E-6	
-5.00000	-13.00000	-8.50000	-7.3426	-8.9310	-274.21E-6	-0.80384	6.1693E-6	
-4.00000	-13.00000	-8.50000	-7.6980	-8.9310	-310.07E-6	-0.85676	6.5746E-6	
-3.00000	-13.00000	-8.50000	-8.0610	-8.9310	-349.66E-6	-0.91228	6.9998E-6	
-2.00000	-13.00000	-8.50000	-8.4299	-8.9310	-392.81E-6	-0.97013	7.4427E-6	
-1.00000	-13.00000	-8.50000	-8.8029	-8.9310	-439.19E-6	-1.0299	7.9003E-6	
0.00000	-13.00000	-8.50000	-9.1778	-8.9310	-489.22E-6	-1.0911	8.3782E-6	
1.00000	-13.00000	-8.50000	-9.5522	-8.9310	-539.11E-6	-1.1532	8.8440E-6	
2.00000	-13.00000	-8.50000	-9.9235	-8.9310	-590.93E-6	-1.2155	9.3204E-6	
3.00000	-13.00000	-8.50000	-10.289	-8.9310	-642.63E-6	-1.2772	9.7928E-6	
4.00000	-13.00000	-8.50000	-10.646	-8.9310	-693.18E-6	-1.3377	10.256E-6	
5.00000	-13.00000	-8.50000	-10.993	-8.9310	-741.62E-6	-1.3963	10.704E-6	
6.00000	-13.00000	-8.50000	-11.325	-8.9310	-787.16E-6	-1.4524	11.133E-6	
7.00000	-13.00000	-8.50000	-11.642	-8.9310	-829.23E-6	-1.5054	11.532E-6	
8.00000	-13.00000	-8.50000	-11.942	-8.9310	-867.45E-6	-1.5551	11.919E-6	
9.00000	-13.00000	-8.50000	-12.222	-8.9310	-901.68E-6	-1.6009	12.270E-6	
10.00000	-13.00000	-8.50000	-12.481	-8.9310	-931.90E-6	-1.6429	12.592E-6	
11.00000	-13.00000	-8.50000	-12.717	-8.9310	-958.24E-6	-1.6807	12.893E-6	
12.00000	-13.00000	-8.50000	-12.931	-8.9310	-980.89E-6	-1.7145	13.140E-6	
13.00000	-13.00000	-8.50000	-13.121	-8.9310	-0.0010001	-1.7440	13.366E-6	
14.00000	-13.00000	-8.50000	-13.286	-8.9310	0.0010161	-1.7695	13.561E-6	
15.00000	-13.00000	-8.50000	-13.426	-8.9310	-0.0010292	-1.7909	13.725E-6	
16.00000	-13.00000	-8.50000	-13.541	-8.9310	-0.0010396	-1.8082	13.858E-6	
17.00000	-13.00000	-8.50000	-13.630	-8.9310	-0.0010475	-1.8216	13.961E-6	
18.00000	-13.00000	-8.50000	-13.693	-8.9310	-0.0010510	-1.8311	14.033E-6	
19.00000	-13.00000	-8.50000	-13.730	-8.9310	-0.0010562	-1.8367	14.076E-6	
20.00000	-13.00000	-8.50000	-13.741	-8.9310	-0.0010572	-1.8384	14.089E-6	
21.00000	-13.00000	-8.50000	-13.726	-8.9310	0.0010561	-1.8362	14.073E-6	
22.00000	-13.00000	-8.50000	-13.685	-8.9310	-0.0010527	-1.8303	14.027E-6	
23.00000	-13.00000	-8.50000	-13.619	-8.9310	-0.0010471	-1.8204	13.951E-6	
24.00000	-13.00000	-8.50000	-13.526	-8.9310	-0.0010391	-1.8066	13.846E-6	
25.00000	-13.00000	-8.50000	-13.408	-8.9310	-0.0010286	-1.7888	13.710E-6	
26.00000	-13.00000	-8.50000	-13.264	-8.9310	-0.0010153	-1.7671	13.543E-6	
27.00000	-13.00000	-8.50000	-13.096	-8.9310	-999.18E-6	-1.7412	13.345E-6	
28.00000	-13.00000	-8.50000	-12.903	-8.9310	-979.84E-6	-1.7113	13.115E-6	
29.00000	-13.00000	-8.50000	-12.686	-8.9310	-957.06E-6	-1.6772	12.854E-6	
30.00000	-13.00000	-8.50000	-12.446	-8.9310	-930.60E-6	-1.6390	12.562E-6	
31.00000	-13.00000	-8.50000	-12.184	-8.9310	-900.26E-6	-1.5967	12.238E-6	
32.00000	-13.00000	-8.50000	-11.901	-8.9310	-865.93E-6	-1.5505	11.884E-6	
33.00000	-13.00000	-8.50000	-11.599	-8.9310	-827.61E-6	-1.5006	11.502E-6	
34.00000	-13.00000	-8.50000	-11.280	-8.9310	-785.45E-6	-1.4473	11.094E-6	
35.00000	-13.00000	-8.50000	-10.945	-8.9310	-739.82E			

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
57.00000	-11.00000	-8.50000	-4.2343	-8.9310	-74.728E-6	-0.40850	3.1381E-6	
58.00000	-11.00000	-8.50000	-3.9978	-8.9310	-66.201E-6	-0.38317	2.9438E-6	
59.00000	-11.00000	-8.50000	-3.7739	-8.9310	-58.804E-6	-0.35980	2.7643E-6	
60.00000	-11.00000	-8.50000	-3.5619	-8.9310	-52.369E-6	-0.33821	2.5986E-6	
-20.00000	-10.00000	-8.50000	-3.7536	-8.9310	-57.709E-6	-0.35731	2.7452E-6	
-19.00000	-10.00000	-8.50000	-3.9800	-8.9310	-65.004E-6	-0.38080	2.9256E-6	
-18.00000	-10.00000	-8.50000	-4.2196	-8.9310	-73.431E-6	-0.40631	3.1213E-6	
-17.00000	-10.00000	-8.50000	-4.4730	-8.9310	-83.197E-6	-0.43403	3.3340E-6	
-16.00000	-10.00000	-8.50000	-4.7408	-8.9310	-94.555E-6	-0.46419	3.5655E-6	
-15.00000	-10.00000	-8.50000	-5.0239	-8.9310	-107.81E-6	-0.49706	3.8177E-6	
-14.00000	-10.00000	-8.50000	-5.3229	-8.9310	-123.34E-6	-0.53292	4.0927E-6	
-13.00000	-10.00000	-8.50000	-5.6386	-8.9310	-141.58E-6	-0.57408	4.3931E-6	
-12.00000	-10.00000	-8.50000	-5.9715	-8.9310	-163.10E-6	-0.61489	4.7213E-6	
-11.00000	-10.00000	-8.50000	-6.3223	-8.9310	-188.55E-6	-0.66173	5.0803E-6	
-10.00000	-10.00000	-8.50000	-6.6916	-8.9310	-218.72E-6	-0.71300	5.4732E-6	
-9.00000	-10.00000	-8.50000	-7.0798	-8.9310	-254.57E-6	-0.76913	5.9037E-6	
-8.00000	-10.00000	-8.50000	-7.4871	-8.9310	-297.21E-6	-0.83055	6.3736E-6	
-7.00000	-10.00000	-8.50000	-7.9136	-8.9310	-347.90E-6	-0.89769	6.8877E-6	
-6.00000	-10.00000	-8.50000	-8.3591	-8.9310	-408.06E-6	-0.97095	7.4483E-6	
-5.00000	-10.00000	-8.50000	-8.8231	-8.9310	-479.14E-6	-1.0506	8.0578E-6	
-4.00000	-10.00000	-8.50000	-9.3043	-8.9310	-562.53E-6	-1.1369	8.7175E-6	
-3.00000	-10.00000	-8.50000	-9.8014	-8.9310	-659.33E-6	-1.2298	9.4271E-6	
-2.00000	-10.00000	-8.50000	-10.312	-8.9310	-770.07E-6	-1.3289	10.184E-6	
-1.00000	-10.00000	-8.50000	-10.833	-8.9310	-894.33E-6	-1.4336	10.984E-6	
0.00000	-10.00000	-8.50000	-11.362	-8.9310	-0.0010305	-1.5428	11.818E-6	
1.00000	-10.00000	-8.50000	-11.893	-8.9310	0.0011756	-1.6552	12.675E-6	
2.00000	-10.00000	-8.50000	-12.423	-8.9310	0.0013254	-1.7688	13.542E-6	
3.00000	-10.00000	-8.50000	-12.946	-8.9310	0.0014751	-1.8818	14.404E-6	
4.00000	-10.00000	-8.50000	-13.457	-8.9310	0.0016197	-1.9923	15.247E-6	
5.00000	-10.00000	-8.50000	-13.952	-8.9310	0.0017550	-2.0983	16.056E-6	
6.00000	-10.00000	-8.50000	-14.426	-8.9310	0.0018782	-2.1995	16.821E-6	
7.00000	-10.00000	-8.50000	-14.875	-8.9310	0.0019874	-2.2917	17.533E-6	
8.00000	-10.00000	-8.50000	-15.297	-8.9310	0.0020824	-2.3774	18.197E-6	
9.00000	-10.00000	-8.50000	-15.690	-8.9310	0.0021636	-2.4550	18.781E-6	
10.00000	-10.00000	-8.50000	-16.050	-8.9310	0.0022320	-2.5246	19.313E-6	
11.00000	-10.00000	-8.50000	-16.378	-8.9310	0.0022891	-2.5863	19.785E-6	
12.00000	-10.00000	-8.50000	-16.672	-8.9310	0.0023362	-2.6403	20.198E-6	
13.00000	-10.00000	-8.50000	-16.931	-8.9310	0.0023747	-2.6869	20.554E-6	
14.00000	-10.00000	-8.50000	-17.156	-8.9310	0.0024057	-2.7264	20.857E-6	
15.00000	-10.00000	-8.50000	-17.345	-8.9310	0.0024304	-2.7593	21.110E-6	
16.00000	-10.00000	-8.50000	-17.500	-8.9310	0.0024495	-2.7856	21.310E-6	
17.00000	-10.00000	-8.50000	-17.620	-8.9310	0.0024636	-2.8058	21.464E-6	
18.00000	-10.00000	-8.50000	-17.705	-8.9310	0.0024734	-2.8200	21.573E-6	
19.00000	-10.00000	-8.50000	-17.755	-8.9310	0.0024791	-2.8283	21.637E-6	
20.00000	-10.00000	-8.50000	-17.770	-8.9310	0.0024809	-2.8308	21.656E-6	
21.00000	-10.00000	-8.50000	-17.750	-8.9310	0.0024788	-2.8277	21.632E-6	
22.00000	-10.00000	-8.50000	-17.695	-8.9310	0.0024730	-2.8188	21.564E-6	
23.00000	-10.00000	-8.50000	-17.606	-8.9310	0.0024630	-2.8040	21.451E-6	
24.00000	-10.00000	-8.50000	-17.481	-8.9310	0.0024486	-2.7833	21.292E-6	
25.00000	-10.00000	-8.50000	-17.322	-8.9310	0.0024293	-2.7563	21.086E-6	
26.00000	-10.00000	-8.50000	-17.128	-8.9310	0.0024044	-2.7230	20.830E-6	
27.00000	-10.00000	-8.50000	-16.898	-8.9310	0.0023731	-2.6829	20.523E-6	
28.00000	-10.00000	-8.50000	-16.635	-8.9310	0.0023344	-2.6357	20.162E-6	
29.00000	-10.00000	-8.50000	-16.336	-8.9310	0.0022871	-2.5812	19.745E-6	
30.00000	-10.00000	-8.50000	-16.005	-8.9310	0.0022298	-2.5190	19.269E-6	
31.00000	-10.00000	-8.50000	-15.640	-8.9310	0.0021612	-2.4488	18.733E-6	
32.00000	-10.00000	-8.50000	-15.244	-8.9310	0.0020798	-2.3707	18.136E-6	
33.00000	-10.00000	-8.50000	-14.818	-8.9310	0.0019846	-2.2846	17.478E-6	
34.00000	-10.00000	-8.50000	-14.365	-8.9310	0.0018752	-2.1910	16.763E-6	
35.00000	-10.00000	-8.50000	-13.888	-8.9310	0.0017519	-2.0904	15.995E-6	
36.00000	-10.00000	-8.50000	-13.391	-8.9310	0.0016164	-1.9840	15.184E-6	
37.00000	-10.00000	-8.50000	-12.877	-8.9310	0.0014717	-1.8733	14.339E-6	
38.00000	-10.00000	-8.50000	-12.352	-8.9310	0.0013220	-1.7601	13.475E-6	
39.00000	-10.00000	-8.50000	-11.821	-8.9310	0.0011721	-1.6462	12.595E-6	
40.00000	-10.00000	-8.50000	-11.288	-8.9310	0.0010270	-1.5338	11.748E-6	
41.00000	-10.00000	-8.50000	-10.758	-8.9310	-890.83E-6	-1.4244	10.914E-6	
42.00000	-10.00000	-8.50000	-10.236	-8.9310	-766.59E-6	-1.3197	10.114E-6	
43.00000	-10.00000	-8.50000	-9.7252	-8.9310	-655.90E-6	-1.2206	9.347E-6	
44.00000	-10.00000	-8.50000	-9.2280	-8.9310	-559.17E-6	-1.1278	8.6477E-6	
45.00000	-10.00000	-8.50000	-8.7470	-8.9310	-475.87E-6	-1.0417	7.9889E-6	
46.00000	-10.00000	-8.50000	-8.2836	-8.9310	-404.90E-6	-0.96233	7.3749E-6	
47.00000	-10.00000	-8.50000	-7.8389	-8.9310	-344.86E-6	-0.88906	6.8214E-6	
48.00000	-10.00000	-8.50000	-7.4135	-8.9310	-294.30E-6	-0.82214	6.3091E-6	
49.00000	-10.00000	-8.50000	-7.0075	-8.9310	-251.81E-6	-0.76096	5.8406E-6	
50.00000	-10.00000	-8.50000	-6.6208	-8.9310	-216.10E-6	-0.70510	5.4142E-6	
51.00000	-10.00000	-8.50000	-6.2533	-8.9310	-186.08E-6	-0.65412	5.0219E-6	
52.00000	-10.00000	-8.50000	-5.9043	-8.9310	-160.79E-6	-0.60758	4.6652E-6	
53.00000	-10.00000	-8.50000	-5.5733	-8.9310	-139.42E-6	-0.56508	4.3426E-6	
54.00000	-10.00000	-8.50000	-5.2598	-8.9310	-121.32E-6	-0.52623	4.0414E-6	
55.00000	-10.00000	-8.50000	-4.9629	-8.9310	-105.94E-6	-0.49069	3.7688E-6	
56.00000	-10.00000	-8.50000	-4.6820	-8.9310	-92.825E-6	-0.45814	3.5190E-6	
57.00000	-10.00000	-8.50000	-4.4164	-8.9310	-81.600E-6	-0.42828	3.2903E-6	
58.00000	-10.00000	-8.50000	-4.1652	-8.9310	-71.960E-6	-0.40087	3.0796E-6	
59.00000	-10.00000	-8.50000	-3.9279	-8.9310	-63.652E-6	-0.37567	2.8861E-6	
60.00000	-10.00000	-8.50000	-3.7037	-8.9310	-56.469E-6	-0.35246	2.7148E-6	
-20.00000	-9.00000	-8.50000	-3.9007	-8.9310	-62.216E-6	-0.37238	2.8609E-6	
-19.00000	-9.00000	-8.50000	-4.1400	-8.9310	-70.352E-6	-0.39761	3.0546E-6	
-18.00000	-9.00000	-8.50000	-4.3937	-8.9310	-79.805E-6	-0.42511	3.2656E-6	
-17.00000	-9.00000	-8.50000	-4.6626	-8.9310	-90.833E-6	-0.45406	3.4988E-6	
-16.00000	-9.00000	-8.50000	-4.9476	-8.9310	-103.75E-6	-0.48788	3.7472E-6	
-15.00000	-9.00000	-8.50000	-5.2494	-8.9310	-118.95E-6	-0.52376	4.0225E-6	
-14.00000	-9.00000	-8.50000	-5.5690	-8.9310	-136.91E-6	-0.56210	4.3410E-6	
-13.00000	-9.00000	-8.50000	-5.9074	-8.9310	-158.23E-6	-0.60629	4.6533E-6	
-12.00000	-9.00000	-8.50000	-6.2653	-8.9310	-183.65E-6	-0.65379	5.0195E-6	
-11.00000	-9.00000	-8.50000	-6.6437	-8.9310	-214.08E-6	-0.70810	5.4204E-6	
-10.00000	-9.00000	-8.50000	-7.0433	-8.9310	-250.66E-6	-0.76123	5.8623E-6	
-9.00000	-9.00000	-8.50000	-7.4650	-8.9310	-294.79E-6	-0.82743	6.3498E-6	
-8.00000	-9.00000	-8.50000	-7.9092	-8.9310	-348.18E-6	-0.89770	6.8877E-6	
-7.00000	-9.00000	-8.50000	-8.3664	-8.9310	-412.87E-6	-0.97525	7.4811E-6	



73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
15.00000	-7.00000	-8.50000	-22.922	-8.9310	-0.0075015	-4.7251	35.992E-6	
16.00000	-7.00000	-8.50000	-23.129	-8.9310	-0.0075360	-4.7648	36.296E-6	
17.00000	-7.00000	-8.50000	-23.288	-8.9310	-0.0075610	-4.7948	36.526E-6	
18.00000	-7.00000	-8.50000	-23.401	-8.9310	-0.0075779	-4.8158	36.686E-6	
19.00000	-7.00000	-8.50000	-23.467	-8.9310	-0.0075876	-4.8280	36.780E-6	
20.00000	-7.00000	-8.50000	-23.487	-8.9310	-0.0075906	-4.8318	36.809E-6	
21.00000	-7.00000	-8.50000	-23.461	-8.9310	-0.0075872	-4.8272	36.773E-6	
22.00000	-7.00000	-8.50000	-23.388	-8.9310	-0.0075771	-4.8141	36.673E-6	
23.00000	-7.00000	-8.50000	-23.269	-8.9310	-0.0075599	-4.7923	36.506E-6	
24.00000	-7.00000	-8.50000	-23.104	-8.9310	-0.0075345	-4.7614	36.270E-6	
25.00000	-7.00000	-8.50000	-22.890	-8.9310	-0.0074996	-4.7208	35.960E-6	
26.00000	-7.00000	-8.50000	-22.629	-8.9310	-0.0074531	-4.6698	35.570E-6	
27.00000	-7.00000	-8.50000	-22.319	-8.9310	-0.0073923	-4.6075	35.093E-6	
28.00000	-7.00000	-8.50000	-21.958	-8.9310	-0.0073134	-4.5325	34.520E-6	
29.00000	-7.00000	-8.50000	-21.547	-8.9310	-0.0072114	-4.4436	33.841E-6	
30.00000	-7.00000	-8.50000	-21.085	-8.9310	-0.0070796	-4.3392	33.044E-6	
31.00000	-7.00000	-8.50000	-20.571	-8.9310	-0.0069096	-4.2176	32.117E-6	
32.00000	-7.00000	-8.50000	-20.006	-8.9310	-0.0066909	-4.0770	31.045E-6	
33.00000	-7.00000	-8.50000	-19.391	-8.9310	-0.0064115	-3.9159	29.820E-6	
34.00000	-7.00000	-8.50000	-18.728	-8.9310	-0.0060596	-3.7334	28.432E-6	
35.00000	-7.00000	-8.50000	-18.022	-8.9310	-0.0056264	-3.5298	26.886E-6	
36.00000	-7.00000	-8.50000	-17.279	-8.9310	-0.0051114	-3.3069	25.196E-6	
37.00000	-7.00000	-8.50000	-16.506	-8.9310	-0.0045277	-3.0691	23.394E-6	
38.00000	-7.00000	-8.50000	-15.715	-8.9310	-0.0039041	-2.8227	21.528E-6	
39.00000	-7.00000	-8.50000	-14.917	-8.9310	-0.0032804	-2.5757	19.657E-6	
40.00000	-7.00000	-8.50000	-14.122	-8.9310	-0.0026562	-2.3358	17.839E-6	
41.00000	-7.00000	-8.50000	-13.342	-8.9310	-0.0021803	-2.1094	16.122E-6	
42.00000	-7.00000	-8.50000	-12.584	-8.9310	-0.0017459	-1.9008	14.538E-6	
43.00000	-7.00000	-8.50000	-11.854	-8.9310	-0.0013924	-1.7119	13.101E-6	
44.00000	-7.00000	-8.50000	-11.156	-8.9310	-0.0011111	-1.5429	11.815E-6	
45.00000	-7.00000	-8.50000	-10.493	-8.9310	-889.90E-6	-1.3928	10.670E-6	
46.00000	-7.00000	-8.50000	-9.8649	-8.9310	-716.91E-6	-1.2599	9.6564E-6	
47.00000	-7.00000	-8.50000	-9.2718	-8.9310	-581.58E-6	-1.1425	8.7598E-6	
48.00000	-7.00000	-8.50000	-8.7129	-8.9310	-475.35E-6	-1.0388	7.9667E-6	
49.00000	-7.00000	-8.50000	-8.1870	-8.9310	-391.49E-6	-0.94690	7.2641E-6	
50.00000	-7.00000	-8.50000	-7.6926	-8.9310	-324.85E-6	-0.86540	6.6404E-6	
51.00000	-7.00000	-8.50000	-7.2282	-8.9310	-271.51E-6	-0.79292	6.0846E-6	
52.00000	-7.00000	-8.50000	-6.7921	-8.9310	-228.48E-6	-0.72827	5.5902E-6	
53.00000	-7.00000	-8.50000	-6.3826	-8.9310	-193.51E-6	-0.67044	5.1471E-6	
54.00000	-7.00000	-8.50000	-5.9983	-8.9310	-164.89E-6	-0.61857	4.7495E-6	
55.00000	-7.00000	-8.50000	-5.6375	-8.9310	-141.30E-6	-0.57191	4.3917E-6	
56.00000	-7.00000	-8.50000	-5.2988	-8.9310	-121.72E-6	-0.52982	4.0690E-6	
57.00000	-7.00000	-8.50000	-4.9809	-8.9310	-105.37E-6	-0.49176	3.7770E-6	
58.00000	-7.00000	-8.50000	-4.6823	-8.9310	-91.639E-6	-0.45725	3.5122E-6	
59.00000	-7.00000	-8.50000	-4.4020	-8.9310	-80.038E-6	-0.42589	3.2716E-6	
60.00000	-7.00000	-8.50000	-4.1387	-8.9310	-70.187E-6	-0.39732	3.0523E-6	
61.00000	-6.00000	-8.50000	-3.8901	-8.9310	-61.250E-6	-0.37288	2.8436E-6	
62.00000	-6.00000	-8.50000	-3.6306	-8.9310	-53.353E-6	-0.35068	2.6419E-6	
63.00000	-6.00000	-8.50000	-3.3826	-8.9310	-46.488E-6	-0.33072	2.4561E-6	
64.00000	-6.00000	-8.50000	-3.1469	-8.9310	-40.640E-6	-0.31281	2.2853E-6	
65.00000	-6.00000	-8.50000	-2.9239	-8.9310	-35.802E-6	-0.29687	2.1284E-6	
66.00000	-6.00000	-8.50000	-2.7144	-8.9310	-31.974E-6	-0.28281	1.9854E-6	
67.00000	-6.00000	-8.50000	-2.5193	-8.9310	-28.156E-6	-0.27052	1.8562E-6	
68.00000	-6.00000	-8.50000	-2.3385	-8.9310	-24.348E-6	-0.25985	1.7407E-6	
69.00000	-6.00000	-8.50000	-2.1719	-8.9310	-20.550E-6	-0.25078	1.6388E-6	
70.00000	-6.00000	-8.50000	-2.0194	-8.9310	-16.762E-6	-0.24319	1.5504E-6	
71.00000	-6.00000	-8.50000	-1.8710	-8.9310	-12.984E-6	-0.23707	1.4755E-6	
72.00000	-6.00000	-8.50000	-1.7267	-8.9310	-9.2160E-6	-0.23232	1.4137E-6	
73.00000	-6.00000	-8.50000	-1.5865	-8.9310	-5.4576E-6	-0.22894	1.3649E-6	
74.00000	-6.00000	-8.50000	-1.4504	-8.9310	-1.7092E-6	-0.22692	1.3280E-6	
75.00000	-6.00000	-8.50000	-1.3184	-8.9310	1.9444E-6	-0.22615	1.3020E-6	
76.00000	-6.00000	-8.50000	-1.1915	-8.9310	5.6989E-6	-0.22757	1.2869E-6	
77.00000	-6.00000	-8.50000	-1.0696	-8.9310	9.4724E-6	-0.23012	1.2826E-6	
78.00000	-6.00000	-8.50000	-9.5613	-8.9310	-654.86E-6	-1.2151	9.3144E-6	
79.00000	-6.00000	-8.50000	-8.9385	-8.9310	-523.55E-6	-1.0946	8.3937E-6	
80.00000	-6.00000	-8.50000	-8.4589	-8.9310	-423.58E-6	-0.99006	7.5945E-6	
81.00000	-6.00000	-8.50000	-7.9819	-8.9310	-346.43E-6	-0.89708	6.8970E-6	
82.00000	-6.00000	-8.50000	-7.4164	-8.9310	-286.11E-6	-0.81896	6.2850E-6	
83.00000	-6.00000	-8.50000	-6.9478	-8.9310	-238.40E-6	-0.74852	5.7455E-6	
84.00000	-6.00000	-8.50000	-6.5107	-8.9310	-200.23E-6	-0.68791	5.2813E-6	
85.00000	-6.00000	-8.50000	-6.1029	-8.9310	-169.44E-6	-0.63070	4.8426E-6	
86.00000	-6.00000	-8.50000	-5.7221	-8.9310	-144.32E-6	-0.58119	4.4630E-6	
87.00000	-6.00000	-8.50000	-5.3719	-8.9310	-123.69E-6	-0.53866	4.1392E-6	
88.00000	-6.00000	-8.50000	-5.0338	-8.9310	-106.60E-6	-0.49697	3.8170E-6	
89.00000	-6.00000	-8.50000	-4.7228	-8.9310	-92.342E-6	-0.46100	3.5411E-6	
90.00000	-6.00000	-8.50000	-4.4319	-8.9310	-80.374E-6	-0.42847	3.2914E-6	
91.00000	-6.00000	-8.50000	-4.1583	-8.9310	-69.452E-6	-0.39801	3.0595E-6	
92.00000	-6.00000	-8.50000	-3.9007	-8.9310	-59.481E-6	-0.37008	2.8453E-6	
93.00000	-6.00000	-8.50000	-3.6586	-8.9310	-50.466E-6	-0.34454	2.6484E-6	
94.00000	-6.00000	-8.50000	-3.4319	-8.9310	-42.446E-6	-0.32044	2.4678E-6	
95.00000	-6.00000	-8.50000	-3.2199	-8.9310	-35.420E-6	-0.29767	2.3017E-6	
96.00000	-6.00000	-8.50000	-3.0224	-8.9310	-29.382E-6	-0.27612	2.1494E-6	
97.00000	-6.00000	-8.50000	-2.8390	-8.9310	-24.323E-6	-0.25572	2.0112E-6	
98.00000	-6.00000	-8.50000	-2.6695	-8.9310	-19.242E-6	-0.23644	1.8872E-6	
99.00000	-6.00000	-8.50000	-2.5139	-8.9310	-14.142E-6	-0.21825	1.7774E-6	
100.00000	-6.00000	-8.50000	-2.3721	-8.9310	-9.0220E-6	-0.20113	1.6802E-6	
101.00000	-6.00000	-8.50000	-2.2439	-8.9310	-3.8924E-6	-0.18504	1.5946E-6	
102.00000	-6.00000	-8.50000	-2.1292	-8.9310	1.2432E-6	-0.17002	1.5204E-6	
103.00000	-6.00000	-8.50000	-2.0280	-8.9310	6.1166E-6	-0.15604	1.4574E-6	
104.00000	-6.00000	-8.50000	-1.9392	-8.9310	1.0999E-5	-0.14313	1.4054E-6	
105.00000	-6.00000	-8.50000	-1.8627	-8.9310	5.9324E-6	-0.13129	1.3642E-6	
106.00000	-6.00000	-8.50000	-1.7975	-8.9310	9.8659E-6	-0.12050	1.3337E-6	
107.00000	-6.00000	-8.50000	-1.7437	-8.9310	1.3899E-5	-0.11072	1.2944E-6	
108.00000	-6.00000	-8.50000	-1.6904	-8.9310	1.8032E-5	-0.10194	1.2755E-6	
109.00000	-6.00000	-8.50000	-1.6375	-8.9310	2.2264E-5	-0.09315	1.2571E-6	
110.00000	-6.00000	-8.50000	-1.5850	-8.9310	2.6596E-5	-0.08436	1.2392E-6	
111.00000	-6.00000	-8.50000	-1.5329	-8.9310	3.1028E-5	-0.07557	1.2218E-6	
112.00000	-6.00000	-8.50000	-1.4811	-8.9310	3.5560E-5	-0.06678	1.2049E-6	
113.00000	-6.00000	-8.50000	-1.4296	-8.9310	4.0192E-5	-0.05799	1.1885E-6	
1141								

Total Heave

Name	Location		Stresses					
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
54.00000	-4.00000	-8.50000	-6.7698	-8.9310	-219.64E-6	-0.72132	5.5372E-6	
55.00000	-4.00000	-8.50000	-6.3374	-8.9310	-184.71E-6	-0.66110	5.0757E-6	
56.00000	-4.00000	-8.50000	-5.9348	-8.9310	-156.48E-6	-0.60763	4.6657E-6	
57.00000	-4.00000	-8.50000	-5.5595	-8.9310	-133.46E-6	-0.55992	4.2999E-6	
58.00000	-4.00000	-8.50000	-5.2095	-8.9310	-114.52E-6	-0.51721	3.9723E-6	
59.00000	-4.00000	-8.50000	-4.8828	-8.9310	-98.821E-6	-0.47883	3.6779E-6	
60.00000	-4.00000	-8.50000	-4.5778	-8.9310	-85.708E-6	-0.44422	3.4124E-6	
-20.00000	-3.00000	-8.50000	-4.8008	-8.9310	-94.189E-6	-0.46890	3.6017E-6	
-19.00000	-3.00000	-8.50000	-5.1248	-8.9310	-108.88E-6	-0.50637	3.8892E-6	
-18.00000	-3.00000	-8.50000	-5.4722	-8.9310	-126.52E-6	-0.54803	4.2088E-6	
-17.00000	-3.00000	-8.50000	-5.8450	-8.9310	-147.88E-6	-0.59452	4.5653E-6	
-16.00000	-3.00000	-8.50000	-6.2453	-8.9310	-173.96E-6	-0.64658	4.9645E-6	
-15.00000	-3.00000	-8.50000	-6.6756	-8.9310	-206.08E-6	-0.70514	5.4134E-6	
-14.00000	-3.00000	-8.50000	-7.1384	-8.9310	-246.05E-6	-0.77131	5.9204E-6	
-13.00000	-3.00000	-8.50000	-7.6369	-8.9310	-296.39E-6	-0.84647	6.4961E-6	
-12.00000	-3.00000	-8.50000	-8.1744	-8.9310	-360.58E-6	-0.93232	7.1534E-6	
-11.00000	-3.00000	-8.50000	-8.7546	-8.9310	-443.66E-6	-1.0310	7.9088E-6	
-10.00000	-3.00000	-8.50000	-9.3818	-8.9310	-552.94E-6	-1.1454	8.7830E-6	
-9.00000	-3.00000	-8.50000	-10.066	-8.9310	-699.42E-6	-1.2789	9.8030E-6	
-8.00000	-3.00000	-8.50000	-10.798	-8.9310	-899.98E-6	-1.4363	1.1.004E-6	
-7.00000	-3.00000	-8.50000	-11.598	-8.9310	-0.0011814	-1.6238	12.433E-6	
-6.00000	-3.00000	-8.50000	-12.470	-8.9310	-0.0015874	-1.8499	14.154E-6	
-5.00000	-3.00000	-8.50000	-13.422	-8.9310	-0.0021924	-2.1265	16.253E-6	
-4.00000	-3.00000	-8.50000	-14.462	-8.9310	-0.0031272	-2.4701	18.852E-6	
-3.00000	-3.00000	-8.50000	-15.602	-8.9310	-0.0046314	-2.9043	22.122E-6	
-2.00000	-3.00000	-8.50000	-16.851	-8.9310	-0.0071547	-3.4624	26.298E-6	
-1.00000	-3.00000	-8.50000	-18.218	-8.9310	-0.011540	-4.1895	31.687E-6	
0.00000	-3.00000	-8.50000	-19.703	-8.9310	-0.019221	-5.1369	38.619E-6	
1.00000	-3.00000	-8.50000	-21.292	-8.9310	-0.031862	-6.3324	47.230E-6	
2.00000	-3.00000	-8.50000	-22.941	-8.9310	-0.049089	-7.7126	57.049E-6	
3.00000	-3.00000	-8.50000	-24.580	-8.9310	-0.066315	-9.0917	66.859E-6	
4.00000	-3.00000	-8.50000	-26.140	-8.9310	-0.078955	-10.284	75.446E-6	
5.00000	-3.00000	-8.50000	-27.577	-8.9310	-0.086635	-11.226	82.337E-6	
6.00000	-3.00000	-8.50000	-28.876	-8.9310	-0.091017	-11.946	87.669E-6	
7.00000	-3.00000	-8.50000	-30.038	-8.9310	-0.093537	-12.494	91.772E-6	
8.00000	-3.00000	-8.50000	-31.070	-8.9310	-0.095037	-12.917	94.952E-6	
9.00000	-3.00000	-8.50000	-31.983	-8.9310	-0.095966	-13.247	97.444E-6	
10.00000	-3.00000	-8.50000	-32.787	-8.9310	-0.096565	-13.507	99.419E-6	
11.00000	-3.00000	-8.50000	-33.490	-8.9310	-0.096965	-13.714	101.00E-6	
12.00000	-3.00000	-8.50000	-34.101	-8.9310	-0.097239	-13.881	102.26E-6	
13.00000	-3.00000	-8.50000	-34.625	-8.9310	-0.097431	-14.014	103.28E-6	
14.00000	-3.00000	-8.50000	-35.069	-8.9310	-0.097567	-14.121	104.10E-6	
15.00000	-3.00000	-8.50000	-35.437	-8.9310	-0.097665	-14.206	104.74E-6	
16.00000	-3.00000	-8.50000	-35.732	-8.9310	-0.097735	-14.271	105.24E-6	
17.00000	-3.00000	-8.50000	-35.958	-8.9310	-0.097783	-14.319	105.61E-6	
18.00000	-3.00000	-8.50000	-36.117	-8.9310	-0.097815	-14.353	105.87E-6	
19.00000	-3.00000	-8.50000	-36.209	-8.9310	-0.097834	-14.372	106.01E-6	
20.00000	-3.00000	-8.50000	-36.237	-8.9310	-0.097839	-14.378	106.06E-6	
21.00000	-3.00000	-8.50000	-36.200	-8.9310	-0.097833	-14.371	106.00E-6	
22.00000	-3.00000	-8.50000	-36.099	-8.9310	-0.097814	-14.350	105.85E-6	
23.00000	-3.00000	-8.50000	-35.931	-8.9310	-0.097781	-14.315	105.58E-6	
24.00000	-3.00000	-8.50000	-35.696	-8.9310	-0.097732	-14.265	105.20E-6	
25.00000	-3.00000	-8.50000	-35.392	-8.9310	-0.097661	-14.198	104.69E-6	
26.00000	-3.00000	-8.50000	-35.015	-8.9310	-0.097562	-14.113	104.03E-6	
27.00000	-3.00000	-8.50000	-34.562	-8.9310	-0.097425	-14.004	103.20E-6	
28.00000	-3.00000	-8.50000	-34.029	-8.9310	-0.097232	-13.869	102.17E-6	
29.00000	-3.00000	-8.50000	-33.409	-8.9310	-0.096957	-13.701	100.89E-6	
30.00000	-3.00000	-8.50000	-32.697	-8.9310	-0.096557	-13.492	99.305E-6	
31.00000	-3.00000	-8.50000	-31.884	-8.9310	-0.095956	-13.230	97.319E-6	
32.00000	-3.00000	-8.50000	-30.963	-8.9310	-0.095026	-12.899	94.815E-6	
33.00000	-3.00000	-8.50000	-29.922	-8.9310	-0.093525	-12.495	91.624E-6	
34.00000	-3.00000	-8.50000	-28.753	-8.9310	-0.091004	-11.925	87.511E-6	
35.00000	-3.00000	-8.50000	-27.447	-8.9310	-0.086621	-11.204	82.170E-6	
36.00000	-3.00000	-8.50000	-26.004	-8.9310	-0.079941	-10.261	75.271E-6	
37.00000	-3.00000	-8.50000	-24.439	-8.9310	-0.066300	-9.0679	66.677E-6	
38.00000	-3.00000	-8.50000	-22.795	-8.9310	-0.049073	-7.6881	56.861E-6	
39.00000	-3.00000	-8.50000	-21.142	-8.9310	-0.031847	-6.3075	47.038E-6	
40.00000	-3.00000	-8.50000	-19.551	-8.9310	-0.019205	-5.1117	39.426E-6	
41.00000	-3.00000	-8.50000	-18.064	-8.9310	-0.011524	-4.1643	31.494E-6	
42.00000	-3.00000	-8.50000	-16.697	-8.9310	-0.0071394	-3.4374	26.106E-6	
43.00000	-3.00000	-8.50000	-15.448	-8.9310	-0.0046165	-2.8796	21.333E-6	
44.00000	-3.00000	-8.50000	-14.310	-8.9310	-0.0031130	-2.4460	18.667E-6	
45.00000	-3.00000	-8.50000	-13.272	-8.9310	-0.0021789	-2.1030	16.073E-6	
46.00000	-3.00000	-8.50000	-12.323	-8.9310	-0.0015747	-1.8273	13.980E-6	
47.00000	-3.00000	-8.50000	-11.458	-8.9310	-0.0011696	-1.6021	12.367E-6	
48.00000	-3.00000	-8.50000	-10.658	-8.9310	-889.05E-6	-1.4156	10.846E-6	
49.00000	-3.00000	-8.50000	-9.9258	-8.9310	-689.38E-6	-1.2593	9.6526E-6	
50.00000	-3.00000	-8.50000	-9.2514	-8.9310	-543.77E-6	-1.1269	8.6101E-6	
51.00000	-3.00000	-8.50000	-8.6292	-8.9310	-435.32E-6	-1.0136	7.7752E-6	
52.00000	-3.00000	-8.50000	-8.0543	-8.9310	-353.05E-6	-0.91601	7.0283E-6	
53.00000	-3.00000	-8.50000	-7.5222	-8.9310	-289.60E-6	-0.83123	6.3792E-6	
54.00000	-3.00000	-8.50000	-7.0292	-8.9310	-239.97E-6	-0.75152	5.8151E-6	
55.00000	-3.00000	-8.50000	-6.5717	-8.9310	-200.63E-6	-0.69195	5.3122E-6	
56.00000	-3.00000	-8.50000	-6.1468	-8.9310	-169.10E-6	-0.63435	4.8707E-6	
57.00000	-3.00000	-8.50000	-5.7537	-8.9310	-143.56E-6	-0.57880	4.4788E-6	
58.00000	-3.00000	-8.50000	-5.3841	-8.9310	-122.68E-6	-0.53757	4.1285E-6	
59.00000	-3.00000	-8.50000	-5.0416	-8.9310	-105.46E-6	-0.49672	3.8151E-6	
60.00000	-3.00000	-8.50000	-4.7224	-8.9310	-91.157E-6	-0.46000	3.5334E-6	
-20.00000	-2.00000	-8.50000	-4.9485	-8.9310	-100.13E-6	-0.48541	3.7284E-6	
-19.00000	-2.00000	-8.50000	-5.2872	-8.9310	-116.12E-6	-0.52513	4.0332E-6	
-18.00000	-2.00000	-8.50000	-5.6510	-8.9310	-135.42E-6	-0.56943	4.3729E-6	
-17.00000	-2.00000	-8.50000	-6.0422	-8.9310	-155.90E-6	-0.61902	4.7532E-6	
-16.00000	-2.00000	-8.50000	-6.4631	-8.9310	-187.71E-6	-0.67476	5.1806E-6	
-15.00000	-2.00000	-8.50000	-6.9165	-8.9310	-223.44E-6	-0.73772	5.6631E-6	
-14.00000	-2.00000	-8.50000	-7.4055	-8.9310	-268.23E-6	-0.80918	6.2106E-6	
-13.00000	-2.00000	-8.50000	-7.9335	-8.9310	-325.08E-6	-0.89076	6.8345E-6	
-12.00000	-2.00000	-8.50000	-8.5046	-8.9310				

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	Location			Stresses				
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
12.00000	0.00000	-8.50000	-56.955	-8.9310	-79.999	-187.93	-0.0022461	
13.00000	0.00000	-8.50000	-57.629	-8.9310	-79.999	-188.12	-0.0022446	
14.00000	0.00000	-8.50000	-58.193	-8.9310	-79.999	-188.27	-0.0022435	
15.00000	0.00000	-8.50000	-58.656	-8.9310	-79.999	-188.39	-0.0022426	
16.00000	0.00000	-8.50000	-59.026	-8.9310	-79.999	-188.48	-0.0022419	
17.00000	0.00000	-8.50000	-59.307	-8.9310	-79.999	-188.54	-0.0022414	
18.00000	0.00000	-8.50000	-59.503	-8.9310	-79.999	-188.59	-0.0022411	
19.00000	0.00000	-8.50000	-59.618	-8.9310	-79.999	-188.61	-0.0022409	
20.00000	0.00000	-8.50000	-59.652	-8.9310	-79.999	-188.62	-0.0022406	
21.00000	0.00000	-8.50000	-59.607	-8.9310	-79.999	-188.61	-0.0022409	
22.00000	0.00000	-8.50000	-59.480	-8.9310	-79.999	-188.58	-0.0022411	
23.00000	0.00000	-8.50000	-59.272	-8.9310	-79.999	-188.54	-0.0022415	
24.00000	0.00000	-8.50000	-58.979	-8.9310	-79.999	-188.47	-0.0022420	
25.00000	0.00000	-8.50000	-58.598	-8.9310	-79.999	-188.38	-0.0022427	
26.00000	0.00000	-8.50000	-58.122	-8.9310	-79.999	-188.26	-0.0022436	
27.00000	0.00000	-8.50000	-57.545	-8.9310	-79.999	-188.11	-0.0022447	
28.00000	0.00000	-8.50000	-56.858	-8.9310	-79.999	-187.91	-0.0022462	
29.00000	0.00000	-8.50000	-56.049	-8.9310	-79.998	-187.66	-0.0022481	
30.00000	0.00000	-8.50000	-55.103	-8.9310	-79.997	-187.34	-0.0022506	
31.00000	0.00000	-8.50000	-53.999	-8.9310	-79.996	-186.91	-0.0022539	
32.00000	0.00000	-8.50000	-52.710	-8.9310	-79.994	-186.32	-0.0022583	
33.00000	0.00000	-8.50000	-51.199	-8.9310	-79.989	-185.48	-0.0022645	
34.00000	0.00000	-8.50000	-49.409	-8.9310	-79.979	-184.20	-0.0022738	
35.00000	0.00000	-8.50000	-47.253	-8.9310	-79.951	-182.08	-0.0022889	
36.00000	0.00000	-8.50000	-44.579	-8.9310	-79.839	-177.85	-0.0023162	
37.00000	0.00000	-8.50000	-41.060	-8.9310	-78.893	-165.98	-0.0023630	
38.00000	0.00000	-8.50000	-35.026	-8.9310	-40.000	-94.882	-0.0011160	
39.00000	0.00000	-8.50000	-28.983	-8.9310	-1.1068	-23.780	131.81E-6	
40.00000	0.00000	-8.50000	-25.435	-8.9310	-0.16084	-11.907	84.146E-6	
41.00000	0.00000	-8.50000	-22.712	-8.9310	-0.049071	-7.6798	56.797E-6	
42.00000	0.00000	-8.50000	-20.488	-8.9310	-0.020895	-5.5430	41.664E-6	
43.00000	0.00000	-8.50000	-18.609	-8.9310	-0.010729	-4.2615	32.278E-6	
44.00000	0.00000	-8.50000	-16.988	-8.9310	-0.0062076	-3.4114	25.948E-6	
45.00000	0.00000	-8.50000	-15.569	-8.9310	-0.0039007	-2.8088	21.421E-6	
46.00000	0.00000	-8.50000	-14.312	-8.9310	-0.0026037	-2.3612	18.038E-6	
47.00000	0.00000	-8.50000	-13.190	-8.9310	-0.0018197	-2.0168	15.426E-6	
48.00000	0.00000	-8.50000	-12.182	-8.9310	-0.0013186	-1.7446	13.356E-6	
49.00000	0.00000	-8.50000	-11.272	-8.9310	-983.66E-6	-1.5248	11.681E-6	
50.00000	0.00000	-8.50000	-10.445	-8.9310	-751.57E-6	-1.3443	10.304E-6	
51.00000	0.00000	-8.50000	-9.6921	-8.9310	-585.83E-6	-1.1938	9.153E-6	
52.00000	0.00000	-8.50000	-9.0038	-8.9310	-464.43E-6	-1.0669	8.1832E-6	
53.00000	0.00000	-8.50000	-8.3730	-8.9310	-373.57E-6	-0.95863	7.3551E-6	
54.00000	0.00000	-8.50000	-7.7935	-8.9310	-304.29E-6	-0.86556	6.6426E-6	
55.00000	0.00000	-8.50000	-7.2600	-8.9310	-250.60E-6	-0.78489	6.0746E-6	
56.00000	0.00000	-8.50000	-6.7679	-8.9310	-208.40E-6	-0.71448	5.4851E-6	
57.00000	0.00000	-8.50000	-6.3133	-8.9310	-174.81E-6	-0.65266	5.0112E-6	
58.00000	0.00000	-8.50000	-5.8927	-8.9310	-147.78E-6	-0.59808	4.5927E-6	
59.00000	0.00000	-8.50000	-5.5030	-8.9310	-125.80E-6	-0.54966	4.2214E-6	
60.00000	0.00000	-8.50000	-5.1416	-8.9310	-107.77E-6	-0.50652	3.8904E-6	
-20.00000	1.00000	-8.50000	-5.3740	-8.9310	-118.30E-6	-0.53400	4.1013E-6	
-19.00000	1.00000	-8.50000	-5.7563	-8.9310	-138.36E-6	-0.58055	4.4584E-6	
-18.00000	1.00000	-8.50000	-6.1690	-8.9310	-162.85E-6	-0.63289	4.8972E-6	
-17.00000	1.00000	-8.50000	-6.6149	-8.9310	-193.02E-6	-0.69198	5.3128E-6	
-16.00000	1.00000	-8.50000	-7.0775	-8.9310	-230.54E-6	-0.75905	5.8268E-6	
-15.00000	1.00000	-8.50000	-7.6204	-8.9310	-277.74E-6	-0.83557	6.4132E-6	
-14.00000	1.00000	-8.50000	-8.1881	-8.9310	-337.90E-6	-0.92344	7.0861E-6	
-13.00000	1.00000	-8.50000	-8.8056	-8.9310	-415.70E-6	-1.02050	7.8638E-6	
-12.00000	1.00000	-8.50000	-9.4787	-8.9310	-518.00E-6	-1.1434	8.7698E-6	
-11.00000	1.00000	-8.50000	-10.214	-8.9310	-655.18E-6	-1.2828	9.8348E-6	
-10.00000	1.00000	-8.50000	-11.021	-8.9310	-843.33E-6	-1.4485	11.100E-6	
-9.00000	1.00000	-8.50000	-11.908	-8.9310	-0.001084	-1.6481	12.623E-6	
-8.00000	1.00000	-8.50000	-12.888	-8.9310	-0.0014940	-1.8923	14.484E-6	
-7.00000	1.00000	-8.50000	-13.976	-8.9310	-0.0020771	-2.1969	16.799E-6	
-6.00000	1.00000	-8.50000	-15.191	-8.9310	-0.0030018	-2.5856	19.746E-6	
-5.00000	1.00000	-8.50000	-16.560	-8.9310	-0.0045593	-3.0968	23.606E-6	
-4.00000	1.00000	-8.50000	-18.117	-8.9310	-0.0073954	-3.7958	28.851E-6	
-3.00000	1.00000	-8.50000	-19.912	-8.9310	-0.013132	-4.8035	36.335E-6	
-2.00000	1.00000	-8.50000	-22.020	-8.9310	-0.026603	-7.1646	52.660E-6	
-1.00000	1.00000	-8.50000	-24.566	-8.9310	-0.066342	-9.1069	66.975E-6	
0.00000	1.00000	-8.50000	-27.783	-8.9310	-0.23955	-14.940	103.84E-6	
1.00000	1.00000	-8.50000	-32.236	-8.9310	-1.9258	-31.603	369.56E-6	
2.00000	1.00000	-8.50000	-41.258	-8.9310	-78.893	-166.03	-0.0023635	
3.00000	1.00000	-8.50000	-50.268	-8.9310	-155.86	-298.45	-0.0048966	
4.00000	1.00000	-8.50000	-54.685	-8.9310	-157.55	-317.11	-0.0048309	
5.00000	1.00000	-8.50000	-57.842	-8.9310	-157.72	-322.94	-0.0047941	
6.00000	1.00000	-8.50000	-60.304	-8.9310	-157.76	-325.66	-0.0047750	
7.00000	1.00000	-8.50000	-62.304	-8.9310	-157.77	-327.22	-0.0047637	
8.00000	1.00000	-8.50000	-63.967	-8.9310	-157.78	-328.21	-0.0047561	
9.00000	1.00000	-8.50000	-65.368	-8.9310	-157.78	-328.89	-0.0047512	
10.00000	1.00000	-8.50000	-66.557	-8.9310	-157.78	-329.37	-0.0047475	
11.00000	1.00000	-8.50000	-67.568	-8.9310	-157.78	-329.74	-0.0047448	
12.00000	1.00000	-8.50000	-68.426	-8.9310	-157.78	-330.01	-0.0047427	
13.00000	1.00000	-8.50000	-69.151	-8.9310	-157.79	-330.23	-0.0047411	
14.00000	1.00000	-8.50000	-69.755	-8.9310	-157.79	-330.39	-0.0047398	
15.00000	1.00000	-8.50000	-70.250	-8.9310	-157.79	-330.52	-0.0047387	
16.00000	1.00000	-8.50000	-70.644	-8.9310	-157.79	-330.61	-0.0047381	
17.00000	1.00000	-8.50000	-70.943	-8.9310	-157.79	-330.69	-0.0047376	
18.00000	1.00000	-8.50000	-71.152	-8.9310	-157.79	-330.73	-0.0047372	
19.00000	1.00000	-8.50000	-71.274	-8.9310	-157.79	-330.76	-0.0047369	
20.00000	1.00000	-8.50000	-71.310	-8.9310	-157.79	-330.77	-0.0047369	
21.00000	1.00000	-8.50000	-71.262	-8.9310	-157.79	-330.76	-0.0047370	
22.00000	1.00000	-8.50000	-71.127	-8.9310	-157.79	-330.73	-0.0047371	
23.00000	1.00000	-8.50000	-70.906	-8.9310	-157.79	-330.68	-0.0047376	
24.00000	1.00000	-8.50000	-70.594	-8.9310	-157.79	-330.61	-0.0047382	
25.00000	1.00000	-8.50000	-70.186	-8.9310	-157.79	-330.51	-0.0047389	
26.00000	1.00000	-8.50000	-69.678	-8.9310	-157.79	-330.38	-0.0047397	
27.00000	1.00000	-8.50000	-69.059	-8.9310	-157.78	-330.21	-0.0047412	
28.00000	1.00000	-8.50000	-68.321	-8.9>-				

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
51.00000	3.00000	3.00000	-8.50000	-10.689	-8.9310	-734.73E-6	-1.3676	10.484E-6
52.00000	3.00000	3.00000	-8.50000	-9.8915	-8.9310	-574.35E-6	-1.2118	9.2928E-6
53.00000	3.00000	3.00000	-8.50000	-9.1657	-8.9310	-456.22E-6	-1.0806	8.2890E-6
54.00000	3.00000	3.00000	-8.50000	-8.5033	-8.9310	-367.43E-6	-0.96891	7.4345E-6
55.00000	3.00000	3.00000	-8.50000	-7.8971	-8.9310	-299.51E-6	-0.87310	6.7007E-6
56.00000	3.00000	3.00000	-8.50000	-7.3410	-8.9310	-246.75E-6	-0.79023	6.0659E-6
57.00000	3.00000	3.00000	-8.50000	-6.8299	-8.9310	-205.21E-6	-0.71806	5.5128E-6
58.00000	3.00000	3.00000	-8.50000	-6.3592	-8.9310	-172.11E-6	-0.65483	5.0281E-6
59.00000	3.00000	3.00000	-8.50000	-5.9250	-8.9310	-145.44E-6	-0.59913	4.6009E-6
60.00000	3.00000	3.00000	-8.50000	-5.5239	-8.9310	-123.75E-6	-0.54981	4.2226E-6
-20.00000	4.00000	4.00000	-8.50000	-5.7580	-8.9310	-136.07E-6	-0.57916	4.4478E-6
-19.00000	4.00000	4.00000	-8.50000	-6.1811	-8.9310	-160.22E-6	-0.63231	4.8546E-6
-18.00000	4.00000	4.00000	-8.50000	-6.6395	-8.9310	-189.92E-6	-0.69243	5.3164E-6
-17.00000	4.00000	4.00000	-8.50000	-7.1370	-8.9310	-226.78E-6	-0.76077	5.8402E-6
-16.00000	4.00000	4.00000	-8.50000	-7.6777	-8.9310	-273.02E-6	-0.83886	6.4386E-6
-15.00000	4.00000	4.00000	-8.50000	-8.2665	-8.9310	-331.69E-6	-0.92863	7.1263E-6
-14.00000	4.00000	4.00000	-8.50000	-8.9089	-8.9310	-407.12E-6	-1.0325	7.9217E-6
-13.00000	4.00000	4.00000	-8.50000	-9.6115	-8.9310	-505.57E-6	-1.1536	8.8486E-6
-12.00000	4.00000	4.00000	-8.50000	-10.382	-8.9310	-636.29E-6	-1.2961	9.9380E-6
-11.00000	4.00000	4.00000	-8.50000	-11.229	-8.9310	-811.34E-6	-1.4652	11.231E-6
-10.00000	4.00000	4.00000	-8.50000	-12.164	-8.9310	-0.0010588	-1.6685	12.783E-6
-9.00000	4.00000	4.00000	-8.50000	-13.200	-8.9310	-0.0014084	-1.9162	14.671E-6
-8.00000	4.00000	4.00000	-8.50000	-14.355	-8.9310	-0.0019231	-2.2229	17.006E-6
-7.00000	4.00000	4.00000	-8.50000	-15.648	-8.9310	-0.0027112	-2.6103	19.949E-6
-6.00000	4.00000	4.00000	-8.50000	-17.107	-8.9310	-0.0039769	-3.1120	23.749E-6
-5.00000	4.00000	4.00000	-8.50000	-18.768	-8.9310	-0.0061354	-3.7621	28.603E-6
-4.00000	4.00000	4.00000	-8.50000	-20.683	-8.9310	-0.010107	-4.7135	35.783E-6
-3.00000	4.00000	4.00000	-8.50000	-22.921	-8.9310	-0.018182	-6.0782	45.906E-6
-2.00000	4.00000	4.00000	-8.50000	-25.591	-8.9310	-0.037033	-8.2280	61.569E-6
-1.00000	4.00000	4.00000	-8.50000	-28.667	-8.9310	-0.091115	-11.993	88.031E-6
0.00000	4.00000	4.00000	-8.50000	-33.062	-8.9310	-0.31126	-19.831	138.15E-6
1.00000	4.00000	4.00000	-8.50000	-38.843	-8.9310	-2.1985	-42.859	228.17E-6
2.00000	4.00000	4.00000	-8.50000	-49.581	-8.9310	-9.7979	-184.28	600.2273E-6
3.00000	4.00000	4.00000	-8.50000	-60.304	-8.9310	-157.76	-325.70	-0.0047747
4.00000	4.00000	4.00000	-8.50000	-66.041	-8.9310	-159.65	-348.72	-0.0046848
5.00000	4.00000	4.00000	-8.50000	-70.161	-8.9310	-159.87	-356.54	-0.0046348
6.00000	4.00000	4.00000	-8.50000	-73.335	-8.9310	-159.92	-360.29	-0.0046084
7.00000	4.00000	4.00000	-8.50000	-75.874	-8.9310	-159.94	-362.42	-0.0045929
8.00000	4.00000	4.00000	-8.50000	-77.954	-8.9310	-159.95	-363.76	-0.0045830
9.00000	4.00000	4.00000	-8.50000	-79.683	-8.9310	-159.95	-364.66	-0.0045763
10.00000	4.00000	4.00000	-8.50000	-81.133	-8.9310	-159.95	-365.30	-0.0045714
11.00000	4.00000	4.00000	-8.50000	-82.354	-8.9310	-159.96	-365.77	-0.0045679
12.00000	4.00000	4.00000	-8.50000	-83.381	-8.9310	-159.96	-366.12	-0.0045652
13.00000	4.00000	4.00000	-8.50000	-84.242	-8.9310	-159.96	-366.38	-0.0045634
14.00000	4.00000	4.00000	-8.50000	-84.956	-8.9310	-159.96	-366.59	-0.0045617
15.00000	4.00000	4.00000	-8.50000	-85.538	-8.9310	-159.96	-366.74	-0.0045605
16.00000	4.00000	4.00000	-8.50000	-86.000	-8.9310	-159.96	-366.86	-0.0045596
17.00000	4.00000	4.00000	-8.50000	-86.349	-8.9310	-159.96	-366.95	-0.0045589
18.00000	4.00000	4.00000	-8.50000	-86.593	-8.9310	-159.96	-367.00	-0.0045585
19.00000	4.00000	4.00000	-8.50000	-86.735	-8.9310	-159.96	-367.04	-0.0045582
20.00000	4.00000	4.00000	-8.50000	-86.777	-8.9310	-159.96	-367.05	-0.0045580
21.00000	4.00000	4.00000	-8.50000	-86.720	-8.9310	-159.96	-367.03	-0.0045583
22.00000	4.00000	4.00000	-8.50000	-86.563	-8.9310	-159.96	-367.00	-0.0045585
23.00000	4.00000	4.00000	-8.50000	-86.304	-8.9310	-159.96	-366.94	-0.0045590
24.00000	4.00000	4.00000	-8.50000	-85.938	-8.9310	-159.96	-366.85	-0.0045597
25.00000	4.00000	4.00000	-8.50000	-85.459	-8.9310	-159.96	-366.72	-0.0045606
26.00000	4.00000	4.00000	-8.50000	-84.858	-8.9310	-159.96	-366.56	-0.0045618
27.00000	4.00000	4.00000	-8.50000	-84.124	-8.9310	-159.96	-366.36	-0.0045634
28.00000	4.00000	4.00000	-8.50000	-83.242	-8.9310	-159.96	-366.08	-0.0045655
29.00000	4.00000	4.00000	-8.50000	-82.192	-8.9310	-159.96	-365.73	-0.0045682
30.00000	4.00000	4.00000	-8.50000	-80.948	-8.9310	-159.95	-365.25	-0.0045718
31.00000	4.00000	4.00000	-8.50000	-79.475	-8.9310	-159.95	-364.61	-0.0045767
32.00000	4.00000	4.00000	-8.50000	-77.721	-8.9310	-159.95	-363.70	-0.0045835
33.00000	4.00000	4.00000	-8.50000	-75.618	-8.9310	-159.94	-362.35	-0.0045923
34.00000	4.00000	4.00000	-8.50000	-73.055	-8.9310	-159.92	-360.22	-0.0046090
35.00000	4.00000	4.00000	-8.50000	-69.860	-8.9310	-159.87	-356.46	-0.0046354
36.00000	4.00000	4.00000	-8.50000	-65.721	-8.9310	-159.65	-348.63	-0.0046855
37.00000	4.00000	4.00000	-8.50000	-59.968	-8.9310	-157.76	-325.60	-0.0047754
38.00000	4.00000	4.00000	-8.50000	-49.232	-8.9310	-79.979	-184.18	-0.0022740
39.00000	4.00000	4.00000	-8.50000	-38.485	-8.9310	-2.1984	-42.763	227.43E-6
40.00000	4.00000	4.00000	-8.50000	-28.599	-8.9310	-33.1114	-139.75	137.42E-6
41.00000	4.00000	4.00000	-8.50000	-28.504	-8.9310	-0.090995	-11.898	87.306E-6
42.00000	4.00000	4.00000	-8.50000	-25.231	-8.9310	-0.036921	-8.1357	60.864E-6
43.00000	4.00000	4.00000	-8.50000	-22.568	-8.9310	-0.018078	-5.9899	45.231E-6
44.00000	4.00000	4.00000	-8.50000	-19.340	-8.9310	-0.010013	-4.6301	35.146E-6
45.00000	4.00000	4.00000	-8.50000	-18.438	-8.9310	-0.0060515	-3.7042	28.208E-6
46.00000	4.00000	4.00000	-8.50000	-16.791	-8.9310	-0.0039033	-3.0399	23.198E-6
47.00000	4.00000	4.00000	-8.50000	-15.347	-8.9310	-0.0024472	-2.5441	19.444E-6
48.00000	4.00000	4.00000	-8.50000	-14.070	-8.9310	-0.0018681	-2.1626	16.545E-6
49.00000	4.00000	4.00000	-8.50000	-12.933	-8.9310	-0.0013614	-1.8616	14.253E-6
50.00000	4.00000	4.00000	-8.50000	-11.913	-8.9310	-0.0010188	-1.6192	12.408E-6
51.00000	4.00000	4.00000	-8.50000	-10.994	-8.9310	-779.50E-6	-1.4209	10.892E-6
52.00000	4.00000	4.00000	-8.50000	-10.163	-8.9310	-607.72E-6	-1.2563	9.6338E-6
53.00000	4.00000	4.00000	-8.50000	-9.4081	-8.9310	-481.48E-6	-1.1181	8.5763E-6
54.00000	4.00000	4.00000	-8.50000	-8.7201	-8.9310	-396.83E-6	-0.9007	7.6783E-6
55.00000	4.00000	4.00000	-8.50000	-8.0915	-8.9310	-314.59E-6	-0.90025	6.9089E-6
56.00000	4.00000	4.00000	-8.50000	-7.5157	-8.9310	-258.61E-6	-0.81353	6.2446E-6
57.00000	4.00000	4.00000	-8.50000	-6.9872	-8.9310	-214.63E-6	-0.73817	5.6670E-6
58.00000	4.00000	4.00000	-8.50000	-6.5010	-8.9310	-179.65E-6	-0.67226	5.1617E-6
59.00000	4.00000	4.00000	-8.50000	-6.0531	-8.9310	-151.53E-6	-0.61430	4.7173E-6
60.00000	4.00000	4.00000	-8.50000</					



73-75 Avenue Road, NW8

										Job No.	Sheet No.	Rev.
										J14383		
										Drq. Ref.		
Total Heave										Made by MP	Date 09-Feb-2015	Checked
Name	Location X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Stresses Sum Princ [kN/m²]	Vert Strain [-]				
9.00000	7.00000	7.00000	-8.50000	-86.803	-8.9310	-159.99	-369.57	-0.0045400				
10.00000	7.00000	7.00000	-8.50000	-88.431	-8.9310	-159.99	-370.30	-0.0045345				
11.00000	7.00000	7.00000	-8.50000	-89.800	-8.9310	-159.99	-370.83	-0.0045305				
12.00000	7.00000	7.00000	-8.50000	-90.951	-8.9310	-159.99	-371.22	-0.0045275				
13.00000	7.00000	7.00000	-8.50000	-91.913	-8.9310	-159.99	-371.53	-0.0045252				
14.00000	7.00000	7.00000	-8.50000	-92.710	-8.9310	-159.99	-371.76	-0.0045235				
15.00000	7.00000	7.00000	-8.50000	-93.359	-8.9310	-159.99	-371.93	-0.0045221				
16.00000	7.00000	7.00000	-8.50000	-93.873	-8.9310	-159.99	-372.07	-0.0045211				
17.00000	7.00000	7.00000	-8.50000	-94.263	-8.9310	-159.99	-372.16	-0.0045204				
18.00000	7.00000	7.00000	-8.50000	-94.534	-8.9310	-159.99	-372.23	-0.0045199				
19.00000	7.00000	7.00000	-8.50000	-94.692	-8.9310	-159.99	-372.27	-0.0045196				
20.00000	7.00000	7.00000	-8.50000	-94.739	-8.9310	-159.99	-372.28	-0.0045195				
21.00000	7.00000	7.00000	-8.50000	-94.676	-8.9310	-159.99	-372.26	-0.0045196				
22.00000	7.00000	7.00000	-8.50000	-94.501	-8.9310	-159.99	-372.22	-0.0045199				
23.00000	7.00000	7.00000	-8.50000	-94.212	-8.9310	-159.99	-372.15	-0.0045205				
24.00000	7.00000	7.00000	-8.50000	-93.803	-8.9310	-159.99	-372.05	-0.0045212				
25.00000	7.00000	7.00000	-8.50000	-93.267	-8.9310	-159.99	-371.91	-0.0045223				
26.00000	7.00000	7.00000	-8.50000	-92.593	-8.9310	-159.99	-371.73	-0.0045237				
27.00000	7.00000	7.00000	-8.50000	-91.768	-8.9310	-159.99	-371.49	-0.0045254				
28.00000	7.00000	7.00000	-8.50000	-90.774	-8.9310	-159.99	-371.17	-0.0045279				
29.00000	7.00000	7.00000	-8.50000	-89.589	-8.9310	-159.99	-370.77	-0.0045310				
30.00000	7.00000	7.00000	-8.50000	-88.182	-8.9310	-159.99	-370.22	-0.0045351				
31.00000	7.00000	7.00000	-8.50000	-86.513	-8.9310	-159.98	-369.48	-0.0045407				
32.00000	7.00000	7.00000	-8.50000	-84.527	-8.9310	-159.98	-368.45	-0.0045484				
33.00000	7.00000	7.00000	-8.50000	-82.146	-8.9310	-159.97	-366.94	-0.0045597				
34.00000	7.00000	7.00000	-8.50000	-79.257	-8.9310	-159.95	-364.58	-0.0045765				
35.00000	7.00000	7.00000	-8.50000	-75.680	-8.9310	-159.90	-360.53	-0.0046055				
36.00000	7.00000	7.00000	-8.50000	-71.105	-8.9310	-159.67	-352.31	-0.0046584				
37.00000	7.00000	7.00000	-8.50000	-64.870	-8.9310	-157.78	-328.81	-0.0047518				
38.00000	7.00000	7.00000	-8.50000	-53.623	-8.9310	-79.996	-186.86	-0.0022544				
39.00000	7.00000	7.00000	-8.50000	-42.364	-8.9310	-2.2103	-44.907	243.37E-6				
40.00000	7.00000	7.00000	-8.50000	-36.093	-8.9310	-0.31896	-21.404	149.89E-6				
41.00000	7.00000	7.00000	-8.50000	-31.457	-8.9310	-0.095939	-13.181	96.944E-6				
42.00000	7.00000	7.00000	-8.50000	-27.797	-8.9310	-0.040023	-9.1202	68.293E-6				
43.00000	7.00000	7.00000	-8.50000	-24.798	-8.9310	-0.020046	-6.7500	50.986E-6				
44.00000	7.00000	7.00000	-8.50000	-22.282	-8.9310	-0.011286	-5.2226	39.643E-6				
45.00000	7.00000	7.00000	-8.50000	-20.134	-8.9310	-0.0069952	-4.1712	31.760E-6				
46.00000	7.00000	7.00000	-8.50000	-18.276	-8.9310	-0.0047475	-3.4122	26.035E-6				
47.00000	7.00000	7.00000	-8.50000	-16.653	-8.9310	-0.0030442	-2.8441	21.732E-6				
48.00000	7.00000	7.00000	-8.50000	-15.221	-8.9310	-0.0021494	-2.4067	18.409E-6				
49.00000	7.00000	7.00000	-8.50000	-13.950	-8.9310	-0.0015646	-2.0620	15.786E-6				
50.00000	7.00000	7.00000	-8.50000	-12.815	-8.9310	-0.0011681	-1.7853	13.676E-6				
51.00000	7.00000	7.00000	-8.50000	-11.796	-8.9310	-890.97E-6	-1.5595	11.952E-6				
52.00000	7.00000	7.00000	-8.50000	-10.877	-8.9310	-692.10E-6	-1.3727	10.525E-6				
53.00000	7.00000	7.00000	-8.50000	-10.046	-8.9310	-546.17E-6	-1.2165	9.3304E-6				
54.00000	7.00000	7.00000	-8.50000	-9.2905	-8.9310	-436.99E-6	-1.0845	8.3199E-6				
55.00000	7.00000	7.00000	-8.50000	-8.6028	-8.9310	-353.89E-6	-0.9784	7.4576E-6				
56.00000	7.00000	7.00000	-8.50000	-7.9751	-8.9310	-289.69E-6	-0.87505	6.7162E-6				
57.00000	7.00000	7.00000	-8.50000	-7.4005	-8.9310	-239.42E-6	-0.79127	6.0742E-6				
58.00000	7.00000	7.00000	-8.50000	-6.8736	-8.9310	-199.58E-6	-0.71829	5.5148E-6				
59.00000	7.00000	7.00000	-8.50000	-6.3995	-8.9310	-167.68E-6	-0.65437	5.0247E-6				
60.00000	7.00000	7.00000	-8.50000	-5.9430	-8.9310	-141.87E-6	-0.59808	4.5930E-6				
-20.00000	8.00000	8.00000	-8.50000	-6.1718	-8.9310	-157.20E-6	-0.62959	4.8346E-6				
-19.00000	8.00000	8.00000	-8.50000	-6.6404	-8.9310	-186.36E-6	-0.69041	5.3010E-6				
-18.00000	8.00000	8.00000	-8.50000	-7.1502	-8.9310	-222.45E-6	-0.75962	5.8316E-6				
-17.00000	8.00000	8.00000	-8.50000	-7.7057	-8.9310	-267.55E-6	-0.83878	6.4383E-6				
-16.00000	8.00000	8.00000	-8.50000	-8.3120	-8.9310	-324.45E-6	-0.92980	7.1357E-6				
-15.00000	8.00000	8.00000	-8.50000	-8.9752	-8.9310	-397.08E-6	-1.0351	7.9422E-6				
-14.00000	8.00000	8.00000	-8.50000	-9.7022	-8.9310	-490.91E-6	-1.1577	8.8810E-6				
-13.00000	8.00000	8.00000	-8.50000	-10.501	-8.9310	-613.86E-6	-1.3016	9.9819E-6				
-12.00000	8.00000	8.00000	-8.50000	-11.381	-8.9310	-777.50E-6	-1.4718	1.1283E-5				
-11.00000	8.00000	8.00000	-8.50000	-12.354	-8.9310	-999.30E-6	-1.6751	1.2836E-5				
-10.00000	8.00000	8.00000	-8.50000	-13.433	-8.9310	-0.0033062	-1.9203	14.708E-6				
-9.00000	8.00000	8.00000	-8.50000	-14.634	-8.9310	-0.0017414	-2.2201	16.994E-6				
-8.00000	8.00000	8.00000	-8.50000	-15.978	-8.9310	-0.0023767	-2.5919	19.823E-6				
-7.00000	8.00000	8.00000	-8.50000	-17.488	-8.9310	-0.0033370	-3.0611	23.387E-6				
-6.00000	8.00000	8.00000	-8.50000	-19.198	-8.9310	-0.0048531	-3.6662	27.971E-6				
-5.00000	8.00000	8.00000	-8.50000	-21.147	-8.9310	-0.0073815	-4.4679	34.020E-6				
-4.00000	8.00000	8.00000	-8.50000	-23.392	-8.9310	-0.011909	-5.5677	42.269E-6				
-3.00000	8.00000	8.00000	-8.50000	-26.008	-8.9310	-0.020838	-7.1490	54.018E-6				
-2.00000	8.00000	8.00000	-8.50000	-29.199	-8.9310	-0.041015	-9.9777	71.765E-6				
-1.00000	8.00000	8.00000	-8.50000	-32.871	-8.9310	-0.097160	-13.700	100.88E-6				
0.00000	8.00000	8.00000	-8.50000	-37.603	-8.9310	-0.32043	-21.985	154.29E-6				
1.00000	8.00000	8.00000	-8.50000	-43.963	-8.9310	-2.2120	-45.546	248.20E-6				
2.00000	8.00000	8.00000	-8.50000	-55.301	-8.9310	-79.998	-187.55	-0.0022490				
3.00000	8.00000	8.00000	-8.50000	-66.614	-8.9310	-157.78	-329.55	-0.0047462				
4.00000	8.00000	8.00000	-8.50000	-72.902	-8.9310	-159.68	-353.08	-0.0046525				
5.00000	8.00000	8.00000	-8.50000	-77.517	-8.9310	-159.90	-361.33	-0.0045994				
6.00000	8.00000	8.00000	-8.50000	-81.121	-8.9310	-159.95	-365.39	-0.0045707				
7.00000	8.00000	8.00000	-8.50000	-84.028	-8.9310	-159.97	-367.76	-0.0045534				
8.00000	8.00000	8.00000	-8.50000	-86.418	-8.9310	-159.98	-369.28	-0.0045422				
9.00000	8.00000	8.00000	-8.50000	-88.407	-8.9310	-159.99	-370.32	-0.0045344				
10.00000	8.00000	8.00000	-8.50000	-90.075	-8.9310	-159.99	-371.05	-0.0045288				
11.00000	8.00000	8.00000	-8.50000	-91.478	-8.9310	-159.99	-371.60	-0.0045247				

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	X	Location	Z[Level]	Z	Stresses	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD] [kN/m²]	[kN/m²]	[-]
48.00000	10.00000	10.00000	-8.50000	-16.062	-8.9310	-0.0023153	-2.5749 19.696E-6
49.00000	10.00000	10.00000	-8.50000	-14.698	-8.9310	-0.0016907	-2.2031 16.865E-6
50.00000	10.00000	10.00000	-8.50000	-13.481	-8.9310	-0.0012647	-1.9041 14.585E-6
51.00000	10.00000	10.00000	-8.50000	-12.390	-8.9310	-965.52E-6	-1.6599 12.721E-6
52.00000	10.00000	10.00000	-8.50000	-11.408	-8.9310	-750.08E-6	-1.4580 11.178E-6
53.00000	10.00000	10.00000	-8.50000	-10.520	-8.9310	-591.61E-6	-1.2891 9.886E-6
54.00000	10.00000	10.00000	-8.50000	-9.7160	-8.9310	-472.84E-6	-1.1466 8.7959E-6
55.00000	10.00000	10.00000	-8.50000	-8.9846	-8.9310	-382.38E-6	-1.0252 7.8665E-6
56.00000	10.00000	10.00000	-8.50000	-8.3180	-8.9310	-312.47E-6	-0.92102 7.0687E-6
57.00000	10.00000	10.00000	-8.50000	-7.7091	-8.9310	-257.76E-6	-0.83104 6.3792E-6
58.00000	10.00000	10.00000	-8.50000	-7.1516	-8.9310	-214.43E-6	-0.75281 5.7796E-6
59.00000	10.00000	10.00000	-8.50000	-6.6403	-8.9310	-179.76E-6	-0.68443 5.2535E-6
60.00000	10.00000	10.00000	-8.50000	-6.1705	-8.9310	-151.76E-6	-0.62434 4.7945E-6
-20.00000	11.00000	11.00000	-8.50000	-6.3861	-8.9310	-169.84E-6	-0.65703 5.0450E-6
-19.00000	11.00000	11.00000	-8.50000	-6.8794	-8.9310	-202.20E-6	-0.72228 5.5454E-6
-18.00000	11.00000	11.00000	-8.50000	-7.4171	-8.9310	-242.45E-6	-0.79681 6.1167E-6
-17.00000	11.00000	11.00000	-8.50000	-8.0044	-8.9310	-292.98E-6	-0.88235 6.7722E-6
-16.00000	11.00000	11.00000	-8.50000	-8.6470	-8.9310	-357.07E-6	-0.98111 7.5288E-6
-15.00000	11.00000	11.00000	-8.50000	-9.3516	-8.9310	-439.27E-6	-1.0958 8.4071E-6
-14.00000	11.00000	11.00000	-8.50000	-10.126	-8.9310	-546.00E-6	-1.2299 9.4336E-6
-13.00000	11.00000	11.00000	-8.50000	-10.979	-8.9310	-686.49E-6	-1.3879 10.642E-6
-12.00000	11.00000	11.00000	-8.50000	-11.922	-8.9310	-874.30E-6	-1.5755 12.076E-6
-11.00000	11.00000	11.00000	-8.50000	-12.966	-8.9310	-0.0011298	-1.8004 13.794E-6
-10.00000	11.00000	11.00000	-8.50000	-14.127	-8.9310	-0.0014842	-2.0727 15.872E-6
-9.00000	11.00000	11.00000	-8.50000	-15.423	-8.9310	-0.0019873	-2.4064 18.415E-6
-8.00000	11.00000	11.00000	-8.50000	-16.876	-8.9310	-0.0027209	-2.8209 21.569E-6
-7.00000	11.00000	11.00000	-8.50000	-18.511	-8.9310	-0.0038252	-3.3441 25.541E-6
-6.00000	11.00000	11.00000	-8.50000	-20.363	-8.9310	-0.0055536	-4.0173 30.639E-6
-5.00000	11.00000	11.00000	-8.50000	-22.474	-8.9310	-0.0083951	-4.9044 37.330E-6
-4.00000	11.00000	11.00000	-8.50000	-24.839	-8.9310	-0.013379	-6.1099 46.371E-6
-3.00000	11.00000	11.00000	-8.50000	-27.713	-8.9310	-0.022948	-7.8180 59.066E-6
-2.00000	11.00000	11.00000	-8.50000	-31.024	-8.9310	-0.043962	-10.391 77.886E-6
-1.00000	11.00000	11.00000	-8.50000	-34.998	-8.9310	-0.10106	-21.665 108.12E-6
0.00000	11.00000	11.00000	-8.50000	-39.936	-8.9310	-0.32519	-23.089 162.56E-6
1.00000	11.00000	11.00000	-8.50000	-46.482	-8.9310	-2.2173	-46.756 257.26E-6
2.00000	11.00000	11.00000	-8.50000	-57.979	-8.9310	-80.003	-188.82 -0.0022394
3.00000	11.00000	11.00000	-8.50000	-69.428	-8.9310	-157.79	-330.84 -0.0047365
4.00000	11.00000	11.00000	-8.50000	-75.824	-8.9310	-159.68	-354.38 -0.0046428
5.00000	11.00000	11.00000	-8.50000	-80.534	-8.9310	-159.90	-362.61 -0.0045897
6.00000	11.00000	11.00000	-8.50000	-84.222	-8.9310	-159.96	-366.67 -0.0045610
7.00000	11.00000	11.00000	-8.50000	-87.205	-8.9310	-159.98	-369.04 -0.0045437
8.00000	11.00000	11.00000	-8.50000	-89.665	-8.9310	-159.99	-370.56 -0.0045324
9.00000	11.00000	11.00000	-8.50000	-91.719	-8.9310	-159.99	-371.60 -0.0045246
10.00000	11.00000	11.00000	-8.50000	-93.446	-8.9310	-159.99	-372.35 -0.0045190
11.00000	11.00000	11.00000	-8.50000	-94.903	-8.9310	-159.99	-372.90 -0.0045148
12.00000	11.00000	11.00000	-8.50000	-96.130	-8.9310	-160.00	-373.32 -0.0045117
13.00000	11.00000	11.00000	-8.50000	-97.158	-8.9310	-160.00	-373.63 -0.0045093
14.00000	11.00000	11.00000	-8.50000	-98.013	-8.9310	-160.00	-373.88 -0.0045074
15.00000	11.00000	11.00000	-8.50000	-98.710	-8.9310	-160.00	-374.07 -0.0045060
16.00000	11.00000	11.00000	-8.50000	-99.264	-8.9310	-160.00	-374.21 -0.0045049
17.00000	11.00000	11.00000	-8.50000	-99.688	-8.9310	-160.00	-374.31 -0.0045041
18.00000	11.00000	11.00000	-8.50000	-99.980	-8.9310	-160.00	-374.38 -0.0045036
19.00000	11.00000	11.00000	-8.50000	-100.15	-8.9310	-160.00	-374.42 -0.0045032
20.00000	11.00000	11.00000	-8.50000	-100.21	-8.9310	-160.00	-374.44 -0.0045031
21.00000	11.00000	11.00000	-8.50000	-100.14	-8.9310	-160.00	-374.42 -0.0045033
22.00000	11.00000	11.00000	-8.50000	-99.958	-8.9310	-160.00	-374.38 -0.0045036
23.00000	11.00000	11.00000	-8.50000	-99.648	-8.9310	-160.00	-374.30 -0.0045042
24.00000	11.00000	11.00000	-8.50000	-99.207	-8.9310	-160.00	-374.19 -0.0045050
25.00000	11.00000	11.00000	-8.50000	-98.627	-8.9310	-160.00	-374.04 -0.0045062
26.00000	11.00000	11.00000	-8.50000	-97.896	-8.9310	-160.00	-373.84 -0.0045077
27.00000	11.00000	11.00000	-8.50000	-97.000	-8.9310	-160.00	-373.58 -0.0045097
28.00000	11.00000	11.00000	-8.50000	-95.918	-8.9310	-160.00	-373.24 -0.0045123
29.00000	11.00000	11.00000	-8.50000	-94.628	-8.9310	-159.99	-372.79 -0.0045157
30.00000	11.00000	11.00000	-8.50000	-93.096	-8.9310	-159.99	-372.20 -0.0045201
31.00000	11.00000	11.00000	-8.50000	-91.281	-8.9310	-159.99	-371.41 -0.0045261
32.00000	11.00000	11.00000	-8.50000	-89.127	-8.9310	-159.99	-370.31 -0.0045344
33.00000	11.00000	11.00000	-8.50000	-86.556	-8.9310	-159.98	-368.71 -0.0045462
34.00000	11.00000	11.00000	-8.50000	-83.452	-8.9310	-159.96	-366.26 -0.0045610
35.00000	11.00000	11.00000	-8.50000	-79.640	-8.9310	-159.90	-362.09 -0.0045936
36.00000	11.00000	11.00000	-8.50000	-74.810	-8.9310	-159.68	-353.74 -0.0046475
37.00000	11.00000	11.00000	-8.50000	-68.905	-8.9310	-157.78	-330.11 -0.0047420
38.00000	11.00000	11.00000	-8.50000	-56.781	-8.9310	-79.999	-188.01 -0.0022455
39.00000	11.00000	11.00000	-8.50000	-45.243	-8.9310	-2.2127	-45.905 250.94E-6
40.00000	11.00000	11.00000	-8.50000	-38.699	-8.9310	-0.32082	-22.262 156.40E-6
41.00000	11.00000	11.00000	-8.50000	-33.803	-8.9310	-0.097884	-13.909 102.47E-6
42.00000	11.00000	11.00000	-8.50000	-29.897	-8.9310	-0.041125	-9.7319 72.946E-6
43.00000	11.00000	11.00000	-8.50000	-26.673	-8.9310	-0.020877	-7.2616 54.882E-6
44.00000	11.00000	11.00000	-8.50000	-23.953	-8.9310	-0.011919	-5.6494 42.897E-6
45.00000	11.00000	11.00000	-8.50000	-21.621	-8.9310	-0.0073625	-4.5270 34.475E-6
46.00000	11.00000	11.00000	-8.50000	-19.598	-8.9310	-0.0048267	-3.7090 28.301E-6
47.00000	11.00000	11.00000	-8.50000	-17.828	-8.9310	-0.0033093	-3.0922 23.628E-6
48.00000	11.00000	11.00000	-8.50000	-16.267	-8.9310	-0.0023507	-2.6146 19.999E-6
49.00000	11.00000	11.00000	-8.50000	-14.881	-8.9310	-0.0017184	-2.2368 17.123E-6
50.00000	11.00000	11.00000	-8.50000	-13.645	-8.9310	-0.0012865	-1.9327 14.804E-6
51.00000	11.00000	11.00000	-8.50000	-12.537	-8.9310	-982.68E-6	-1.6843 13.308E-6
52.00000	11.00000	11.00000	-8.50000	-11.539	-8.9310	-763.66E-6	-1.4788 11.338E-6
53.00000	11.00000	11.00000	-8.50000	-10.638	-8.9310	-602.40E-6	-1.3070 10.023E-6
54.00000	11.00000	11.00000	-8.50000	-9.8213	-8.9310	-481.46E-6	-1.1619 8.9134E-6
55.00000	11.00000	11.00000	-8.50000	-9.0792	-8.9310	-385.29E-6	-1.0384 7.9677E-6
56.00000	11.00000	11.00000	-8.50000	-8.4030	-8.9310	-318.05E-6	-0.93242 7.1561E-6
57.00000	11.00000	11.00000	-8.50000	-7.7855	-8.9310	-262.27E-6	-0.84091 6.4549E-6
58.00000	11.00000	11.00000	-8.50000	-7.2205	-8.9310	-218.10E-6	-0.76159 5.8154E-6
59.00000	11.00000	11.0000.					

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
6.00000	14.00000	-8.50000	-86.001	-8.9310	-159.96	-367.69	-0.0045535	
7.00000	14.00000	-8.50000	-88.883	-8.9310	-159.98	-369.83	-0.0045378	
8.00000	14.00000	-8.50000	-91.275	-8.9310	-159.99	-371.23	-0.0045274	
9.00000	14.00000	-8.50000	-93.285	-8.9310	-159.99	-372.19	-0.0045202	
10.00000	14.00000	-8.50000	-94.985	-8.9310	-159.99	-372.89	-0.0045149	
11.00000	14.00000	-8.50000	-96.427	-8.9310	-160.00	-373.41	-0.0045110	
12.00000	14.00000	-8.50000	-97.649	-8.9310	-160.00	-373.81	-0.0045079	
13.00000	14.00000	-8.50000	-98.678	-8.9310	-160.00	-374.12	-0.0045056	
14.00000	14.00000	-8.50000	-99.537	-8.9310	-160.00	-374.35	-0.0045036	
15.00000	14.00000	-8.50000	-100.24	-8.9310	-160.00	-374.54	-0.0045024	
16.00000	14.00000	-8.50000	-100.81	-8.9310	-160.00	-374.68	-0.0045013	
17.00000	14.00000	-8.50000	-101.24	-8.9310	-160.00	-374.79	-0.0045005	
18.00000	14.00000	-8.50000	-101.54	-8.9310	-160.00	-374.86	-0.0044999	
19.00000	14.00000	-8.50000	-101.73	-8.9310	-160.00	-374.90	-0.0044996	
20.00000	14.00000	-8.50000	-101.79	-8.9310	-160.00	-374.92	-0.0044995	
21.00000	14.00000	-8.50000	-101.74	-8.9310	-160.00	-374.91	-0.0044994	
22.00000	14.00000	-8.50000	-101.56	-8.9310	-160.00	-374.87	-0.0044999	
23.00000	14.00000	-8.50000	-101.25	-8.9310	-160.00	-374.79	-0.0045004	
24.00000	14.00000	-8.50000	-100.81	-8.9310	-160.00	-374.68	-0.0045013	
25.00000	14.00000	-8.50000	-100.23	-8.9310	-160.00	-374.53	-0.0045024	
26.00000	14.00000	-8.50000	-99.488	-8.9310	-160.00	-374.33	-0.0045040	
27.00000	14.00000	-8.50000	-98.578	-8.9310	-160.00	-374.07	-0.0045060	
28.00000	14.00000	-8.50000	-97.478	-8.9310	-160.00	-373.72	-0.0045086	
29.00000	14.00000	-8.50000	-96.162	-8.9310	-159.99	-373.27	-0.0045120	
30.00000	14.00000	-8.50000	-94.598	-8.9310	-159.99	-372.67	-0.0045166	
31.00000	14.00000	-8.50000	-92.744	-8.9310	-159.99	-371.86	-0.0045227	
32.00000	14.00000	-8.50000	-90.544	-8.9310	-159.99	-370.75	-0.0045310	
33.00000	14.00000	-8.50000	-87.919	-8.9310	-159.98	-369.13	-0.0045430	
34.00000	14.00000	-8.50000	-84.757	-8.9310	-159.96	-366.65	-0.0045612	
35.00000	14.00000	-8.50000	-80.880	-8.9310	-159.90	-362.46	-0.0045908	
36.00000	14.00000	-8.50000	-75.981	-8.9310	-159.68	-354.09	-0.0046449	
37.00000	14.00000	-8.50000	-69.402	-8.9310	-157.79	-330.42	-0.0047396	
38.00000	14.00000	-8.50000	-61.802	-8.9310	-157.99	-308.20	-0.0048243	
39.00000	14.00000	-8.50000	-46.188	-8.9310	-2.2130	-46.167	252.93E-6	
40.00000	14.00000	-8.50000	-39.567	-8.9310	-0.32114	-22.494	158.18E-6	
41.00000	14.00000	-8.50000	-34.596	-8.9310	-0.097654	-14.114	104.04E-6	
42.00000	14.00000	-8.50000	-30.619	-8.9310	-0.041350	-9.9117	74.318E-6	
43.00000	14.00000	-8.50000	-27.327	-8.9310	-0.021061	-7.4178	56.075E-6	
44.00000	14.00000	-8.50000	-24.543	-8.9310	-0.012059	-5.7884	43.928E-6	
45.00000	14.00000	-8.50000	-22.152	-8.9310	-0.0074832	-4.6431	35.161E-6	
46.00000	14.00000	-8.50000	-20.075	-8.9310	-0.0049235	-3.8086	29.063E-6	
47.00000	14.00000	-8.50000	-18.256	-8.9310	-0.0038666	-3.1775	24.280E-6	
48.00000	14.00000	-8.50000	-16.651	-8.9310	-0.0024123	-2.6875	20.557E-6	
49.00000	14.00000	-8.50000	-15.225	-8.9310	-0.0017675	-2.2992	17.600E-6	
50.00000	14.00000	-8.50000	-13.953	-8.9310	-0.0013256	-1.9860	15.213E-6	
51.00000	14.00000	-8.50000	-12.812	-8.9310	-0.0010139	-1.7300	13.258E-6	
52.00000	14.00000	-8.50000	-11.786	-8.9310	-0.0008648	-1.5180	11.638E-6	
53.00000	14.00000	-8.50000	-10.859	-8.9310	-0.000743E-6	-1.3406	10.281E-6	
54.00000	14.00000	-8.50000	-10.020	-8.9310	-0.000675E-6	-1.1909	9.1353E-6	
55.00000	14.00000	-8.50000	-9.2573	-8.9310	-0.000629E-6	-1.0634	8.1592E-6	
56.00000	14.00000	-8.50000	-8.5632	-8.9310	-0.000597E-6	-0.9484	7.3218E-6	
57.00000	14.00000	-8.50000	-7.9297	-8.9310	-0.000570E-6	-0.8594	6.5986E-6	
58.00000	14.00000	-8.50000	-7.3503	-8.9310	-0.000548E-6	-0.77768	5.9703E-6	
59.00000	14.00000	-8.50000	-6.8195	-8.9310	-0.000531E-6	-0.70610	5.4216E-6	
60.00000	14.00000	-8.50000	-6.3324	-8.9310	-0.000523E-6	-0.64328	4.9398E-6	
-20.00000	15.00000	-8.50000	-6.5183	-8.9310	-180.50E-6	-0.67597	5.1903E-6	
-19.00000	15.00000	-8.50000	-7.0283	-8.9310	-0.216.00E-6	-0.74475	5.7175E-6	
-18.00000	15.00000	-8.50000	-7.5854	-8.9310	-0.260.50E-6	-0.82361	6.3219E-6	
-17.00000	15.00000	-8.50000	-8.1951	-8.9310	-0.316.87E-6	-0.91455	7.0188E-6	
-16.00000	15.00000	-8.50000	-8.8638	-8.9310	-0.389.09E-6	-1.0201	7.8270E-6	
-15.00000	15.00000	-8.50000	-9.5989	-8.9310	-0.482.78E-6	-1.1434	8.7088E-6	
-14.00000	15.00000	-8.50000	-10.409	-8.9310	-0.606.08E-6	-1.2885	9.8811E-6	
-13.00000	15.00000	-8.50000	-11.305	-8.9310	-0.770.93E-6	-1.4607	11.198E-6	
-12.00000	15.00000	-8.50000	-12.298	-8.9310	-0.995.40E-6	-1.6711	12.775E-6	
-11.00000	15.00000	-8.50000	-13.403	-8.9310	-0.0013076	-1.9170	14.682E-6	
-10.00000	15.00000	-8.50000	-14.637	-8.9310	-0.0017526	-2.2233	17.017E-6	
-9.00000	15.00000	-8.50000	-16.022	-8.9310	-0.0024059	-2.6043	19.917E-6	
-8.00000	15.00000	-8.50000	-17.583	-8.9310	-0.0033998	-3.0862	23.577E-6	
-7.00000	15.00000	-8.50000	-19.355	-8.9310	-0.0049803	-3.7085	28.291E-6	
-6.00000	15.00000	-8.50000	-21.378	-8.9310	-0.0076391	-4.5333	34.511E-6	
-5.00000	15.00000	-8.50000	-23.709	-8.9310	-0.012485	-5.6033	42.979E-6	
-4.00000	15.00000	-8.50000	-26.420	-8.9310	-0.022100	-7.2814	54.978E-6	
-3.00000	15.00000	-8.50000	-29.616	-8.9310	-0.044393	-9.7463	72.905E-6	
-2.00000	15.00000	-8.50000	-33.446	-8.9310	-0.10813	-13.851	101.53E-6	
-1.00000	15.00000	-8.50000	-38.128	-8.9310	-0.33353	-19.718	149.71E-6	
0.00000	15.00000	-8.50000	-43.907	-8.9310	-1.3456	-37.115	223.35E-6	
1.00000	15.00000	-8.50000	-50.922	-8.9310	-3.8907	-65.472	325.83E-6	
2.00000	15.00000	-8.50000	-62.079	-8.9310	-8.0271	-101.024	479.90E-6	
3.00000	15.00000	-8.50000	-72.809	-8.9310	-158.04	-337.86	-0.0046942	
4.00000	15.00000	-8.50000	-78.623	-8.9310	-159.74	-357.98	-0.0046181	
5.00000	15.00000	-8.50000	-82.931	-8.9310	-159.92	-364.72	-0.0045745	
6.00000	15.00000	-8.50000	-86.149	-8.9310	-159.97	-369.07	-0.0045507	
7.00000	15.00000	-8.50000	-89.151	-8.9310	-159.98	-370.06	-0.0045361	
8.00000	15.00000	-8.50000	-91.489	-8.9310	-159.99	-371.37	-0.0045264	
9.00000	15.00000	-8.50000	-93.463	-8.9310	-159.99	-372.28	-0.0045193	
10.00000	15.00000	-8.50000	-95.137	-8.9310	-159.99	-372.96	-0.0045144	
11.00000	15.00000	-8.50000	-96.561	-8.9310	-160.00	-373.46	-0.0045106	
12.00000	15.00000	-8.50000	-97.771	-8.9310	-160.00	-373.85	-0.0045076	
13.00000	15.00000	-8.50000	-98.792	-8.9310	-160.00	-374.15	-0.0045050	
14.00000	15.00000	-8.50000	-99.647	-8.9310	-160.00	-374.38	-0.0045036	
15.00000	15.00000	-8.50000	-100.35	-8.9310	-160.00	-374.57	-0.0045022	
16.00000	15.00000	-8.50000	-100.92	-8.9310	-160.00	-374.71	-0.0045011	
17.00000	15.00000	-8.50000	-101.35	-8.9310	-160.00	-374.81	-0.0045003	
18.00000	15.00000	-8.50000	-101.66	-8.9310	-160.00	-374.89	-0.0044997	
19.00000	15.00000	-8.50000	-101.85	-8.9310	-160.00	-374.93	-0.0044994	
20.00000	15.00000	-8.50000	-101.92	-8.9310	-160.00	-374.95	-0.0044992	
21.00000	15.00000	-8.50000	-101.87	-8.9310	-160.00	-374.94	-0.0044993	
22.00000	15.00000	-8.50000	-101.70	-8.9310	-160.00	-374.90	-0.0044996	
23.00000	15.00000	-8.50000	-101.40	-8.9310	-160.00	-374.83	-0.0045001	
24.00000	15.00000	-8.50000	-100.96	-8.9310	-160.00	-374.73	-0.0045009	
25.00000	15.00000	-8.50000	-100.38	-8.9310	-160.			

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	Location		Stresses					
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
45.00000	17.00000	-8.50000	-22.196	-8.9310	-0.0074970	-4.6553	35.455E-6	
46.00000	17.00000	-8.50000	-20.115	-8.9310	-0.0049347	-3.8191	29.143E-6	
47.00000	17.00000	-8.50000	-18.292	-8.9310	-0.0033958	-3.1865	24.349E-6	
48.00000	17.00000	-8.50000	-16.683	-8.9310	-0.0024197	-2.6952	20.616E-6	
49.00000	17.00000	-8.50000	-15.254	-8.9310	-0.0017735	-2.3057	17.651E-6	
50.00000	17.00000	-8.50000	-13.978	-8.9310	-0.0013304	-1.9917	15.256E-6	
51.00000	17.00000	-8.50000	-12.835	-8.9310	-0.0010177	-1.7348	13.294E-6	
52.00000	17.00000	-8.50000	-11.806	-8.9310	-791.71E-6	-1.5220	11.669E-6	
53.00000	17.00000	-8.50000	-10.877	-8.9310	-624.89E-6	-1.3441	10.308E-6	
54.00000	17.00000	-8.50000	-10.036	-8.9310	-499.55E-6	-1.1938	9.1580E-6	
55.00000	17.00000	-8.50000	-9.2716	-8.9310	-403.89E-6	-1.0659	8.1786E-6	
56.00000	17.00000	-8.50000	-8.5759	-8.9310	-329.86E-6	-0.95619	7.3333E-6	
57.00000	17.00000	-8.50000	-7.9410	-8.9310	-271.87E-6	-0.86149	6.6128E-6	
58.00000	17.00000	-8.50000	-7.3604	-8.9310	-225.93E-6	-0.77926	5.9825E-6	
59.00000	17.00000	-8.50000	-6.8285	-8.9310	-189.17E-6	-0.70746	5.4320E-6	
60.00000	17.00000	-8.50000	-6.3404	-8.9310	-159.49E-6	-0.64445	4.9489E-6	
-20.00000	18.00000	-8.50000	-6.4918	-8.9310	-182.38E-6	-0.67499	5.1826E-6	
-19.00000	18.00000	-8.50000	-7.0004	-8.9310	-218.89E-6	-0.74413	5.7126E-6	
-18.00000	18.00000	-8.50000	-7.5563	-8.9310	-264.92E-6	-0.82359	6.3216E-6	
-17.00000	18.00000	-8.50000	-8.1652	-8.9310	-323.63E-6	-0.91547	7.0255E-6	
-16.00000	18.00000	-8.50000	-8.8337	-8.9310	-399.46E-6	-1.0224	7.8446E-6	
-15.00000	18.00000	-8.50000	-9.5694	-8.9310	-498.81E-6	-1.1479	8.8050E-6	
-14.00000	18.00000	-8.50000	-10.382	-8.9310	-631.09E-6	-1.2963	9.9403E-6	
-13.00000	18.00000	-8.50000	-11.281	-8.9310	-810.45E-6	-1.4736	11.295E-6	
-12.00000	18.00000	-8.50000	-12.281	-8.9310	-0.0010589	-1.6876	12.929E-6	
-11.00000	18.00000	-8.50000	-13.396	-8.9310	0.0014117	-1.9491	14.925E-6	
-10.00000	18.00000	-8.50000	-14.647	-8.9310	-0.0019276	-2.2737	17.397E-6	
-9.00000	18.00000	-8.50000	-16.058	-8.9310	-0.0027096	-2.6835	20.512E-6	
-8.00000	18.00000	-8.50000	-17.638	-8.9310	-0.0039487	-3.2121	24.521E-6	
-7.00000	18.00000	-8.50000	-19.488	-8.9310	-0.0060261	-3.9128	29.613E-6	
-6.00000	18.00000	-8.50000	-21.601	-8.9310	-0.0097769	-4.8747	37.038E-6	
-5.00000	18.00000	-8.50000	-24.071	-8.9310	-0.017270	-6.2599	47.345E-6	
-4.00000	18.00000	-8.50000	-27.005	-8.9310	-0.034575	-8.3968	62.980E-6	
-3.00000	18.00000	-8.50000	-30.577	-8.9310	-0.084435	-12.064	88.884E-6	
-2.00000	18.00000	-8.50000	-35.094	-8.9310	-0.29284	-19.618	137.36E-6	
-1.00000	18.00000	-8.50000	-41.236	-8.9310	-2.1496	-42.049	224.19E-6	
0.00000	18.00000	-8.50000	-48.428	-8.9310	-79.87E-6	-182.71	0.0022806	
1.00000	18.00000	-8.50000	-63.818	-8.9310	-157.63	-324.09	-0.0047810	
2.00000	18.00000	-8.50000	-70.493	-8.9310	-159.55	-348.45	-0.0046826	
3.00000	18.00000	-8.50000	-75.705	-8.9310	-159.34	-359.23	-0.0046204	
4.00000	18.00000	-8.50000	-79.960	-8.9310	-159.93	-363.61	-0.0045832	
5.00000	18.00000	-8.50000	-83.486	-8.9310	-159.96	-366.87	-0.0045598	
6.00000	18.00000	-8.50000	-86.441	-8.9310	-159.98	-368.98	-0.0045443	
7.00000	18.00000	-8.50000	-88.942	-8.9310	-159.99	-370.42	-0.0045335	
8.00000	18.00000	-8.50000	-91.072	-8.9310	-159.99	-371.45	-0.0045258	
9.00000	18.00000	-8.50000	-92.896	-8.9310	-159.99	-372.21	-0.0045201	
10.00000	18.00000	-8.50000	-94.461	-8.9310	-159.99	-372.79	-0.0045157	
11.00000	18.00000	-8.50000	-95.806	-8.9310	-160.00	-373.23	-0.0045123	
12.00000	18.00000	-8.50000	-96.958	-8.9310	-160.00	-373.58	-0.0045097	
13.00000	18.00000	-8.50000	-97.940	-8.9310	-160.00	-373.86	-0.0045075	
14.00000	18.00000	-8.50000	-98.770	-8.9310	-160.00	-374.08	-0.0045050	
15.00000	18.00000	-8.50000	-99.462	-8.9310	-160.00	-374.26	-0.0045045	
16.00000	18.00000	-8.50000	-100.02	-8.9310	-160.00	-374.40	-0.0045034	
17.00000	18.00000	-8.50000	-100.47	-8.9310	-160.00	-374.51	-0.0045026	
18.00000	18.00000	-8.50000	-100.79	-8.9310	-160.00	-374.59	-0.0045020	
19.00000	18.00000	-8.50000	-101.01	-8.9310	-160.00	-374.65	-0.0045015	
20.00000	18.00000	-8.50000	-101.10	-8.9310	-160.00	-374.68	-0.0045013	
21.00000	18.00000	-8.50000	-101.09	-8.9310	-160.00	-374.69	-0.0045012	
22.00000	18.00000	-8.50000	-100.95	-8.9310	-160.00	-374.67	-0.0045014	
23.00000	18.00000	-8.50000	-100.69	-8.9310	-160.00	-374.61	-0.0045018	
24.00000	18.00000	-8.50000	-100.32	-8.9310	-160.00	-374.52	-0.0045020	
25.00000	18.00000	-8.50000	-99.760	-8.9310	-160.00	-374.39	-0.0045035	
26.00000	18.00000	-8.50000	-99.066	-8.9310	-160.00	-374.21	-0.0045049	
27.00000	18.00000	-8.50000	-98.198	-8.9310	-160.00	-373.96	-0.0045063	
28.00000	18.00000	-8.50000	-97.137	-8.9310	-160.00	-373.63	-0.0045093	
29.00000	18.00000	-8.50000	-95.858	-8.9310	-159.99	-373.19	-0.0045126	
30.00000	18.00000	-8.50000	-94.327	-8.9310	-159.99	-372.61	-0.0045171	
31.00000	18.00000	-8.50000	-92.504	-8.9310	-159.99	-371.81	-0.0045231	
32.00000	18.00000	-8.50000	-90.331	-8.9310	-159.99	-370.70	-0.0045314	
33.00000	18.00000	-8.50000	-87.730	-8.9310	-159.98	-369.09	-0.0045433	
34.00000	18.00000	-8.50000	-84.889	-8.9310	-159.96	-366.62	-0.0045611	
35.00000	18.00000	-8.50000	-80.731	-8.9310	-159.90	-362.44	-0.0045910	
36.00000	18.00000	-8.50000	-75.848	-8.9310	-159.68	-354.07	-0.0046450	
37.00000	18.00000	-8.50000	-69.285	-8.9310	-157.79	-330.40	-0.0047397	
38.00000	18.00000	-8.50000	-61.598	-8.9310	-79.999	-188.28	-0.0022434	
39.00000	18.00000	-8.50000	-46.095	-8.9310	-2.2130	-46.152	252.82E-6	
40.00000	18.00000	-8.50000	-39.484	-8.9310	-0.32114	-22.482	158.08E-6	
41.00000	18.00000	-8.50000	-34.522	-8.9310	-0.097649	-14.103	103.96E-6	
42.00000	18.00000	-8.50000	-30.552	-8.9310	-0.041345	-9.9027	74.249E-6	
43.00000	18.00000	-8.50000	-27.267	-8.9310	-0.021058	-7.4101	56.016E-6	
44.00000	18.00000	-8.50000	-24.489	-8.9310	-0.012056	-5.7777	43.877E-6	
45.00000	18.00000	-8.50000	-22.104	-8.9310	-0.0074809	-4.6373	35.118E-6	
46.00000	18.00000	-8.50000	-20.032	-8.9310	-0.0049216	-3.8035	29.024E-6	
47.00000	18.00000	-8.50000	-18.217	-8.9310	-0.0033851	-3.1730	24.246E-6	
48.00000	18.00000	-8.50000	-16.613	-8.9310	-0.0024110	-2.6836	20.527E-6	
49.00000	18.00000	-8.50000	-15.193	-8.9310	-0.0017665	-2.2957	17.574E-6	
50.00000	18.00000	-8.50000	-13.924	-8.9310	-0.0013247	-1.9830	15.189E-6	
51.00000	18.00000	-8.50000	-12.786	-8.9310	-0.0010132	-1.7273	13.237E-6	
52.00000	18.00000	-8.50000	-11.762	-8.9310	-788.01E-6	-1.5156	11.620E-6	
53.00000	18.00000	-8.50000	-10.838	-8.9310	-621.90E-6	-1.3385	10.265E-6	
54.00000	18.00000	-8.50000	-10.000	-8.9310	-497.12E-6	-1.1890	9.1211E-6	
55.00000	18.00000	-8.50000	-9.2396	-8.9310	-401.91E-6	-1.0617	8.1466E-6	
56.00000	18.00000	-8.50000	-8.5470	-8.9310	-328.25E-6	-0.95255	7.3105E-6	
57.00000	18.00000	-8.50000	-7.9149	-8.9310	-270.55E-6	-0.85832	6.5884E-6	
58.00000	18.00000	-8.50000	-7.3369	-8.9310	-224.84E-6	-0.77649	5.9612E-6	
59.00000	18.00000	-8.50000	-6.8073	-8.9310	-189.28E-6	-0.70503	5.4134E-6	
60.00000	18.00000	-8.50000						

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	Location		Stresses					
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[-]
3.00000	21.00000	-8.50000	-74.938	-8.9310	-159.89	-360.22	-0.0046077	
4.0000	21.0000	-8.5000	-78.739	-8.9310	-159.95	-364.43	-0.0045780	
5.0000	21.0000	-8.5000	-81.872	-8.9310	-159.97	-366.94	-0.0045596	
6.0000	21.0000	-8.5000	-84.506	-8.9310	-159.98	-368.60	-0.0045473	
7.0000	21.0000	-8.5000	-86.747	-8.9310	-159.99	-369.76	-0.0045386	
8.0000	21.0000	-8.5000	-88.670	-8.9310	-159.99	-370.61	-0.0045322	
9.0000	21.0000	-8.5000	-90.328	-8.9310	-159.99	-371.25	-0.0045274	
10.0000	21.0000	-8.5000	-91.764	-8.9310	-159.99	-371.74	-0.0045236	
11.0000	21.0000	-8.5000	-93.007	-8.9310	-159.99	-372.13	-0.0045207	
12.0000	21.0000	-8.5000	-94.084	-8.9310	-159.99	-372.45	-0.0045183	
13.0000	21.0000	-8.5000	-95.013	-8.9310	-159.99	-372.70	-0.0045163	
14.0000	21.0000	-8.5000	-95.810	-8.9310	-159.99	-372.91	-0.0045147	
15.0000	21.0000	-8.5000	-96.487	-8.9310	-159.99	-373.09	-0.0045134	
16.0000	21.0000	-8.5000	-97.054	-8.9310	-159.99	-373.24	-0.0045122	
17.0000	21.0000	-8.5000	-97.516	-8.9310	-159.99	-373.37	-0.0045112	
18.0000	21.0000	-8.5000	-97.878	-8.9310	-159.99	-373.48	-0.0045104	
19.0000	21.0000	-8.5000	-98.142	-8.9310	-159.99	-373.57	-0.0045097	
20.0000	21.0000	-8.5000	-98.305	-8.9310	-159.99	-373.65	-0.0045091	
21.0000	21.0000	-8.5000	-98.365	-8.9310	-160.00	-373.70	-0.0045087	
22.0000	21.0000	-8.5000	-98.314	-8.9310	-160.00	-373.73	-0.0045085	
23.0000	21.0000	-8.5000	-98.143	-8.9310	-160.00	-373.74	-0.0045084	
24.0000	21.0000	-8.5000	-97.843	-8.9310	-160.00	-373.70	-0.0045087	
25.0000	21.0000	-8.5000	-97.399	-8.9310	-160.00	-373.62	-0.0045093	
26.0000	21.0000	-8.5000	-96.798	-8.9310	-160.00	-373.49	-0.0045104	
27.0000	21.0000	-8.5000	-96.022	-8.9310	-160.00	-373.28	-0.0045119	
28.0000	21.0000	-8.5000	-95.052	-8.9310	-159.99	-372.99	-0.0045142	
29.0000	21.0000	-8.5000	-93.861	-8.9310	-159.99	-372.59	-0.0045172	
30.0000	21.0000	-8.5000	-92.419	-8.9310	-159.99	-372.03	-0.0045214	
31.0000	21.0000	-8.5000	-90.683	-8.9310	-159.99	-371.27	-0.0045272	
32.0000	21.0000	-8.5000	-88.599	-8.9310	-159.99	-370.19	-0.0045353	
33.0000	21.0000	-8.5000	-86.089	-8.9310	-159.98	-368.62	-0.0045470	
34.0000	21.0000	-8.5000	-83.039	-8.9310	-159.96	-366.17	-0.0045648	
35.0000	21.0000	-8.5000	-79.275	-8.9310	-159.90	-362.02	-0.0045942	
36.0000	21.0000	-8.5000	-74.486	-8.9310	-159.68	-353.69	-0.0046479	
37.0000	21.0000	-8.5000	-68.018	-8.9310	-157.78	-330.06	-0.0047424	
38.0000	21.0000	-8.5000	-56.525	-8.9310	-79.99	-187.96	-0.0022458	
39.0000	21.0000	-8.5000	-45.016	-8.9310	-2.2126	-45.870	250.678	
40.0000	21.0000	-8.5000	-38.496	-8.9310	-0.32081	-22.232	156.178	
41.0000	21.0000	-8.5000	-33.621	-8.9310	-0.097371	-13.883	102.278	
42.0000	21.0000	-8.5000	-29.735	-8.9310	-0.041114	-9.7100	72.4587	
43.0000	21.0000	-8.5000	-26.528	-8.9310	-0.020868	-7.2428	54.7388	
44.0000	21.0000	-8.5000	-23.822	-8.9310	-0.011903	-5.6331	42.7728	
45.0000	21.0000	-8.5000	-21.503	-8.9310	-0.0073569	-4.5128	34.3688	
46.0000	21.0000	-8.5000	-19.493	-8.9310	-0.0048221	-3.6966	28.2068	
47.0000	21.0000	-8.5000	-17.733	-8.9310	-0.0033056	-3.0814	23.5458	
48.0000	21.0000	-8.5000	-16.181	-8.9310	-0.0023476	-2.6051	19.9268	
49.0000	21.0000	-8.5000	-14.804	-8.9310	-0.0017358	-2.2285	17.0598	
50.0000	21.0000	-8.5000	-13.575	-8.9310	-0.0012843	-1.9254	14.7488	
51.0000	21.0000	-8.5000	-12.473	-8.9310	-980.878	-1.6778	12.8588	
52.0000	21.0000	-8.5000	-11.481	-8.9310	-762.148	-1.4731	11.2948	
53.0000	21.0000	-8.5000	-10.588	-8.9310	-601.118	-1.3019	9.98448	
54.0000	21.0000	-8.5000	-9.7735	-8.9310	-480.378	-1.1574	8.87868	
55.0000	21.0000	-8.5000	-9.0357	-8.9310	-388.378	-1.0343	7.93678	
56.0000	21.0000	-8.5000	-8.3634	-8.9310	-317.268	-0.92881	7.12848	
57.0000	21.0000	-8.5000	-7.7494	-8.9310	-261.598	-0.83767	6.43018	
58.0000	21.0000	-8.5000	-7.1875	-8.9310	-217.528	-0.75848	5.82318	
59.0000	21.0000	-8.5000	-6.6723	-8.9310	-182.268	-0.68929	5.29268	
60.0000	21.0000	-8.5000	-6.1991	-8.9310	-153.798	-0.62852	4.82638	
-20.0000	22.0000	-8.5000	-6.2869	-8.9310	-174.978	-0.65217	5.00748	
-19.0000	22.0000	-8.5000	-6.7739	-8.9310	-210.188	-0.71823	5.51398	
-18.0000	22.0000	-8.5000	-7.2848	-8.9310	-254.758	-0.79418	6.05988	
-17.0000	22.0000	-8.5000	-7.8879	-8.9310	-311.888	-0.88206	6.76918	
-16.0000	22.0000	-8.5000	-8.5266	-8.9310	-386.138	-0.98450	7.59358	
-15.0000	22.0000	-8.5000	-9.2292	-8.9310	-484.148	-1.1049	8.74888	
-14.0000	22.0000	-8.5000	-10.005	-8.9310	-615.848	-1.2477	9.56718	
-13.0000	22.0000	-8.5000	-10.863	-8.9310	-796.438	-1.4189	10.8768	
-12.0000	22.0000	-8.5000	-11.818	-8.9310	-0.0010498	-1.6268	12.4628	
-11.0000	22.0000	-8.5000	-12.885	-8.9310	-0.0014152	-1.8826	14.4138	
-10.0000	22.0000	-8.5000	-14.084	-8.9310	-0.0019587	-2.2028	16.8518	
-9.0000	22.0000	-8.5000	-15.439	-8.9310	-0.0027983	-2.6117	19.9568	
-8.0000	22.0000	-8.5000	-16.983	-8.9310	-0.0041552	-3.1463	24.0058	
-7.0000	22.0000	-8.5000	-18.757	-8.9310	-0.0064741	-3.8662	29.4358	
-6.0000	22.0000	-8.5000	-20.819	-8.9310	-0.010729	-4.8722	36.9758	
-5.0000	22.0000	-8.5000	-23.249	-8.9310	-0.019306	-6.3476	47.9268	
-4.0000	22.0000	-8.5000	-26.165	-8.9310	-0.039045	-8.4998	62.9088	
-3.0000	22.0000	-8.5000	-29.750	-8.9310	-0.094663	-12.659	92.9858	
-2.0000	22.0000	-8.5000	-34.322	-8.9310	-0.31734	-20.821	145.488	
-1.0000	22.0000	-8.5000	-40.550	-8.9310	-2.2084	-146.270	259.358	
0.0000	22.0000	-8.5000	-51.793	-8.9310	-79.994	-186.19	-0.0022593	
1.0000	22.0000	-8.5000	-63.057	-8.9310	-157.78	-328.13	-0.0047569	
2.0000	22.0000	-8.5000	-69.347	-8.9310	-159.67	-351.65	-0.0048634	
3.0000	22.0000	-8.5000	-73.041	-8.9310	-159.99	-359.91	-0.0049101	
4.0000	22.0000	-8.5000	-77.706	-8.9310	-159.95	-364.02	-0.0049811	
5.0000	22.0000	-8.5000	-80.738	-8.9310	-159.97	-366.45	-0.0049533	
6.0000	22.0000	-8.5000	-83.280	-8.9310	-159.98	-368.04	-0.0049318	
7.0000	22.0000	-8.5000	-85.441	-8.9310	-159.98	-369.15	-0.0049432	
8.0000	22.0000	-8.5000	-87.296	-8.9310	-159.99	-369.95	-0.0049371	
9.0000	22.0000	-8.5000	-88.897	-8.9310	-159.99	-370.56	-0.0049325	
10.0000	22.0000	-8.5000	-90.286	-8.9310	-159.99	-371.04	-0.0049281	
11.0000	22.0000	-8.5000	-91.493	-8.9310	-159.99	-371.41	-0.0049261	
12.0000	22.0000	-8.5000	-92.542	-8.9310	-159.99	-371.71	-0.0049238	
13.0000	22.0000	-8.5000	-93.451	-8.9310	-159.99	-371.96	-0.0049219	
14.0000	22.0000	-8.5000	-94.237	-8.9310	-159.99	-372.17	-0.0049203	
15.0000	22.0000	-8.5000	-94.911	-8.9310	-159.99	-372.35	-0.0049189	
16.0000	22.0000	-8.5000	-95.482	-8.9310	-159.99	-372.51	-0.0049177	
17.0000	22.0000	-8.5000	-95.957	-8.9310	-159.99	-372.65	-0.0049164	
18.0000	22.0000	-8.5000	-96.340	-8.9310	-159.99	-372.78	-0.0049157	
19.0000	22.0000	-8.5000	-96.632	-8.9310	-159.99	-372.90	-0.0049148	
20.0000	22.0000	-8.5000	-96.832	-8.9310	-159.99	-373.00	-0.0049140	
21.0000	22.0000	-8.5000	-96.934	-8.9310	-159.99	-373.10	-0.0049133	
22.0000	22.0000	-8.5000	-96.930	-8.9310	-159.99	-373.17	-0.0049127	
23.0000	22.0000	-8.5000	-96.810	-8.9310	-159.99	-373.21	-0.0049124	
24.0000	22.0000	-8.5000	-96.560	-8.9310	-159.99	-373.22	-0.0049124	
25.0000	22.0000	-8.5000	-96.166	-8.9310	-159.99	-373.17	-0.0049128	
26.0000	22.0000	-8.5000	-95.613	-8.9310	-159.99	-373.07	-0.0049136	
27.0.								

Total Heave

Name	Location		Stresses					Vert Strain
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	
	42.00000	24.00000	-8.50000	-28.207	-8.9310	-0.040445	-9.2948	69.615E-6
	43.00000	24.00000	-8.50000	-25.159	-8.9310	-0.020351	-6.8917	52.061E-6
	44.00000	24.00000	-8.50000	-22.598	-8.9310	-0.011506	-5.3373	40.516E-6
	45.00000	24.00000	-8.50000	-20.411	-8.9310	-0.0070538	-4.2641	32.467E-6
	46.00000	24.00000	-8.50000	-18.518	-8.9310	-0.0045904	-3.4875	26.609E-6
	47.00000	24.00000	-8.50000	-16.864	-8.9310	-0.0031281	-2.9054	22.200E-6
	48.00000	24.00000	-8.50000	-15.406	-8.9310	-0.0022112	-2.4568	18.792E-6
	49.00000	24.00000	-8.50000	-14.112	-8.9310	-0.0016106	-2.1031	16.100E-6
	50.00000	24.00000	-8.50000	-12.957	-8.9310	-0.0012026	-1.8192	13.935E-6
	51.00000	24.00000	-8.50000	-11.921	-8.9310	-917.10E-6	-1.5875	12.167E-6
	52.00000	24.00000	-8.50000	-10.987	-8.9310	-712.07E-6	-1.3961	10.704E-6
	53.00000	24.00000	-8.50000	-10.143	-8.9310	-561.56E-6	-1.2360	9.4796E-6
	54.00000	24.00000	-8.50000	-9.3761	-8.9310	-448.95E-6	-1.1008	8.4451E-6
	55.00000	24.00000	-8.50000	-8.6787	-8.9310	-363.25E-6	-0.98562	7.5631E-6
	56.00000	24.00000	-8.50000	-8.0422	-8.9310	-297.07E-6	-0.88670	6.8054E-6
	57.00000	24.00000	-8.50000	-7.4601	-8.9310	-245.28E-6	-0.80115	6.1593E-6
	58.00000	24.00000	-8.50000	-6.9266	-8.9310	-204.26E-6	-0.72671	5.5793E-6
	59.00000	24.00000	-8.50000	-6.4367	-8.9310	-171.43E-6	-0.66156	5.0798E-6
	60.00000	24.00000	-8.50000	-5.9860	-8.9310	-144.90E-6	-0.60424	4.6402E-6
	-20.00000	25.00000	-8.50000	-6.0158	-8.9310	-161.88E-6	-0.61984	4.7595E-6
	-19.00000	25.00000	-8.50000	-6.4728	-8.9310	-193.92E-6	-0.68096	5.2280E-6
	-18.00000	25.00000	-8.50000	-6.9707	-8.9310	-234.37E-6	-0.75099	5.7647E-6
	-17.00000	25.00000	-8.50000	-7.5143	-8.9310	-286.12E-6	-0.83179	6.3837E-6
	-16.00000	25.00000	-8.50000	-8.1092	-8.9310	-353.24E-6	-0.92567	7.1026E-6
	-15.00000	25.00000	-8.50000	-8.7618	-8.9310	-441.70E-6	-1.0357	7.9445E-6
	-14.00000	25.00000	-8.50000	-9.4801	-8.9310	-560.40E-6	-1.1658	8.9394E-6
	-13.00000	25.00000	-8.50000	-10.273	-8.9310	-722.98E-6	-1.3213	10.128E-6
	-12.00000	25.00000	-8.50000	-11.152	-8.9310	-951.02E-6	-1.5095	11.565E-6
	-11.00000	25.00000	-8.50000	-12.132	-8.9310	-0.0012798	-1.7405	13.326E-6
	-10.00000	25.00000	-8.50000	-13.228	-8.9310	-0.0017697	-2.0291	15.523E-6
	-9.00000	25.00000	-8.50000	-14.464	-8.9310	-0.0025281	-2.3971	18.318E-6
	-8.00000	25.00000	-8.50000	-15.867	-8.9310	-0.0037593	-2.8780	21.960E-6
	-7.00000	25.00000	-8.50000	-17.475	-8.9310	-0.0058775	-3.5263	26.648E-6
	-6.00000	25.00000	-8.50000	-19.341	-8.9310	-0.0098033	-4.4354	33.658E-6
	-5.00000	25.00000	-8.50000	-21.537	-8.9310	-0.017828	-5.7780	43.613E-6
	-4.00000	25.00000	-8.50000	-24.174	-8.9310	-0.036627	-7.9070	59.119E-6
	-3.00000	25.00000	-8.50000	-27.249	-8.9310	-0.090655	-11.654	82.540E-6
	-2.00000	25.00000	-8.50000	-31.615	-8.9310	-0.31076	-19.478	135.45E-6
	-1.00000	25.00000	-8.50000	-37.406	-8.9310	-2.1980	-42.497	225.40E-6
	0.00000	25.00000	-8.50000	-48.172	-8.9310	-79.979	-183.91	1.032E-5
	1.00000	25.00000	-8.50000	-58.943	-8.9310	-157.76	-325.34	-0.0047775
	2.00000	25.00000	-8.50000	-64.750	-8.9310	-159.65	-348.37	-0.0046874
	3.00000	25.00000	-8.50000	-68.960	-8.9310	-159.87	-356.22	-0.0046372
	4.00000	25.00000	-8.50000	-72.244	-8.9310	-159.92	-360.00	-0.0046107
	5.00000	25.00000	-8.50000	-74.912	-8.9310	-159.94	-362.16	-0.0045949
	6.00000	25.00000	-8.50000	-77.138	-8.9310	-159.95	-363.54	-0.0045847
	7.00000	25.00000	-8.50000	-79.028	-8.9310	-159.95	-364.49	-0.0045776
	8.00000	25.00000	-8.50000	-80.654	-8.9310	-159.95	-365.17	-0.0045724
	9.00000	25.00000	-8.50000	-82.066	-8.9310	-159.96	-365.69	-0.0045685
	10.00000	25.00000	-8.50000	-83.300	-8.9310	-159.96	-366.09	-0.0045654
	11.00000	25.00000	-8.50000	-84.384	-8.9310	-159.96	-366.42	-0.0045634
	12.00000	25.00000	-8.50000	-85.340	-8.9310	-159.96	-366.69	-0.0045608
	13.00000	25.00000	-8.50000	-86.186	-8.9310	-159.96	-366.93	-0.0045590
	14.00000	25.00000	-8.50000	-86.936	-8.9310	-159.96	-367.14	-0.0045574
	15.00000	25.00000	-8.50000	-87.606	-8.9310	-159.96	-367.34	-0.0045559
	16.00000	25.00000	-8.50000	-88.205	-8.9310	-159.96	-367.55	-0.0045543
	17.00000	25.00000	-8.50000	-88.745	-8.9310	-159.96	-367.77	-0.0045527
	18.00000	25.00000	-8.50000	-89.235	-8.9310	-159.96	-368.03	-0.0045507
	19.00000	25.00000	-8.50000	-89.681	-8.9310	-159.96	-368.34	-0.0045484
	20.00000	25.00000	-8.50000	-90.082	-8.9310	-159.97	-368.72	-0.0045457
	21.00000	25.00000	-8.50000	-90.431	-8.9310	-159.97	-369.16	-0.0045426
	22.00000	25.00000	-8.50000	-90.705	-8.9310	-159.97	-369.64	-0.0045390
	23.00000	25.00000	-8.50000	-90.872	-8.9310	-159.98	-370.09	-0.0045358
	24.00000	25.00000	-8.50000	-90.899	-8.9310	-159.98	-370.45	-0.0045329
	25.00000	25.00000	-8.50000	-90.759	-8.9310	-159.99	-370.69	-0.0045315
	26.00000	25.00000	-8.50000	-90.434	-8.9310	-159.99	-370.80	-0.0045307
	27.00000	25.00000	-8.50000	-89.908	-8.9310	-159.99	-370.77	-0.0045309
	28.00000	25.00000	-8.50000	-89.170	-8.9310	-159.99	-370.62	-0.0045319
	29.00000	25.00000	-8.50000	-88.202	-8.9310	-159.99	-370.34	-0.0045343
	30.00000	25.00000	-8.50000	-86.979	-8.9310	-159.99	-369.88	-0.0045377
	31.00000	25.00000	-8.50000	-85.466	-8.9310	-159.98	-369.21	-0.0045427
	32.00000	25.00000	-8.50000	-83.612	-8.9310	-159.98	-368.23	-0.0045501
	33.00000	25.00000	-8.50000	-81.345	-8.9310	-159.97	-366.76	-0.0045610
	34.00000	25.00000	-8.50000	-78.553	-8.9310	-159.95	-364.43	-0.0045780
	35.00000	25.00000	-8.50000	-75.061	-8.9310	-159.90	-360.41	-0.0046066
	36.00000	25.00000	-8.50000	-70.558	-8.9310	-159.67	-352.21	-0.0046591
	37.00000	25.00000	-8.50000	-64.385	-8.9310	-157.78	-328.73	-0.0047524
	38.00000	25.00000	-8.50000	-53.193	-8.9310	-79.996	-186.79	-0.0050227
	39.00000	25.00000	-8.50000	-41.981	-8.9310	-2.2103	-44.848	242.91E-6
	40.00000	25.00000	-8.50000	-35.751	-8.9310	-0.31893	-21.354	149.51E-6
	41.00000	25.00000	-8.50000	-31.152	-8.9310	-0.095917	-13.138	96.616E-6
	42.00000	25.00000	-8.50000	-27.524	-8.9310	-0.040006	-5.9835	68.011E-6
	43.00000	25.00000	-8.50000	-24.553	-8.9310	-0.020032	-6.7183	50.743E-6
	44.00000	25.00000	-8.50000	-22.062	-8.9310	-0.011275	-5.1952	39.434E-6
	45.00000	25.00000	-8.50000	-19.336	-8.9310	-0.0068858	-4.1474	28.178E-6
	46.00000	25.00000	-8.50000	-18.098	-8.9310	-0.0044678	-3.3915	25.876E-6
	47.00000	25.00000	-8.50000	-16.492	-8.9310	-0.0030379	-2.8260	21.593E-6
	48.00000	25.00000	-8.50000	-15.075	-8.9310	-0.0021442	-2.3908	18.287E-6
	49.00000	25.00000	-8.50000	-13.818	-8.9310	-0.0015603	-2.0481	15.679E-6
	50.00000	25.00000	-8.50000	-12.695	-8.9310	-0.0011645	-1.7729	13.581E-6
	51.00000	25.00000	-8.50000	-11.687	-8.9310	-887.95E-6	-1.5486	11.868E-6
	52.00000	25.00000	-8.50000	-10.779	-8.9310	-689.56E-6	-1.3621	10.169E-6
	53.00000	25.00000	-8.50000	-9.9560	-8.9310	-544.03E-6	-1.2079	9.2643E-6
	54.00000	25.00000	-8.50000	-9.2090	-8.9310	-435.17E-6	-1.0768	8.2609E-6
	55.00000	25.00000	-8.50000	-8.5286	-8.9310	-352.34E-6	-0.96498	7.4049E-6
	56.00000	25.00000	-8.50000	-7.9173	-8.9310	-288.37E-6	-0.86890	6.6690E-6
	57.00000	25.00000	-8.50000	-7.3386	-8.9310	-238.28E-6		

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	Location			Stresses				
	X [m]	Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
0.00000	28.00000	-8.50000	-40.427	-8.9310	-78.893	-165.86	-0.0023648	
1.00000	28.00000	-8.50000	-49.488	-8.9310	-155.86	-298.29	-0.0048979	
2.00000	28.00000	-8.50000	-53.970	-8.9310	-157.55	-316.96	-0.0048321	
3.00000	28.00000	-8.50000	-57.206	-8.9310	-157.72	-322.80	-0.0047952	
4.00000	28.00000	-8.50000	-59.761	-8.9310	-157.76	-325.54	-0.0047759	
5.00000	28.00000	-8.50000	-61.869	-8.9310	-157.77	-327.12	-0.0047644	
6.00000	28.00000	-8.50000	-63.655	-8.9310	-157.78	-328.13	-0.0047569	
7.00000	28.00000	-8.50000	-65.195	-8.9310	-157.78	-328.84	-0.0047515	
8.00000	28.00000	-8.50000	-66.538	-8.9310	-157.78	-329.37	-0.0047476	
9.00000	28.00000	-8.50000	-67.721	-8.9310	-157.78	-329.77	-0.0047445	
10.00000	28.00000	-8.50000	-68.771	-8.9310	-157.78	-330.10	-0.0047420	
11.00000	28.00000	-8.50000	-69.709	-8.9310	-157.79	-330.37	-0.0047400	
12.00000	28.00000	-8.50000	-70.553	-8.9310	-157.79	-330.61	-0.0047382	
13.00000	28.00000	-8.50000	-71.320	-8.9310	-157.79	-330.83	-0.0047365	
14.00000	28.00000	-8.50000	-72.026	-8.9310	-157.79	-331.05	-0.0047348	
15.00000	28.00000	-8.50000	-72.688	-8.9310	-157.79	-331.29	-0.0047330	
16.00000	28.00000	-8.50000	-73.325	-8.9310	-157.79	-331.58	-0.0047308	
17.00000	28.00000	-8.50000	-73.963	-8.9310	-157.79	-331.98	-0.0047279	
18.00000	28.00000	-8.50000	-74.636	-8.9310	-157.80	-332.58	-0.0047235	
19.00000	28.00000	-8.50000	-75.396	-8.9310	-157.81	-333.61	-0.0047162	
20.00000	28.00000	-8.50000	-76.319	-8.9310	-157.86	-335.61	-0.0047030	
21.00000	28.00000	-8.50000	-77.510	-8.9310	-158.06	-339.94	-0.0046790	
22.00000	28.00000	-8.50000	-79.002	-8.9310	-158.87	-348.88	-0.0046467	
23.00000	28.00000	-8.50000	-80.401	-8.9310	-159.68	-357.80	-0.0046166	
24.00000	28.00000	-8.50000	-81.310	-8.9310	-159.89	-362.07	-0.0045931	
25.00000	28.00000	-8.50000	-82.759	-8.9310	-159.93	-363.94	-0.0045800	
26.00000	28.00000	-8.50000	-84.843	-8.9310	-159.95	-364.80	-0.0045749	
27.00000	28.00000	-8.50000	-86.628	-8.9310	-159.95	-365.17	-0.0045723	
28.00000	28.00000	-8.50000	-88.148	-8.9310	-159.95	-365.25	-0.0045718	
29.00000	28.00000	-8.50000	-90.418	-8.9310	-159.95	-365.11	-0.0045718	
30.00000	28.00000	-8.50000	-93.431	-8.9310	-159.95	-364.79	-0.0045753	
31.00000	28.00000	-8.50000	-96.167	-8.9310	-159.95	-364.25	-0.0045794	
32.00000	28.00000	-8.50000	-98.688	-8.9310	-159.95	-363.42	-0.0045850	
33.00000	28.00000	-8.50000	-101.000	-8.9310	-159.94	-362.13	-0.0045952	
34.00000	28.00000	-8.50000	-103.000	-8.9310	-159.92	-360.03	-0.0046104	
35.00000	28.00000	-8.50000	-104.699	-8.9310	-159.87	-356.31	-0.0046365	
36.00000	28.00000	-8.50000	-106.050	-8.9310	-159.65	-348.51	-0.0046684	
37.00000	28.00000	-8.50000	-107.373	-8.9310	-157.76	-325.50	-0.0047762	
38.00000	28.00000	-8.50000	-108.704	-8.9310	-79.979	-184.10	-0.0022747	
39.00000	28.00000	-8.50000	-110.045	-8.9310	-2.1983	-42.692	-0.0000000	
40.00000	28.00000	-8.50000	-111.386	-8.9310	-0.31111	-19.674	136.958E-6	
41.00000	28.00000	-8.50000	-112.729	-8.9310	-0.090968	-11.846	86.906E-6	
42.00000	28.00000	-8.50000	-114.072	-8.9310	-0.036899	-8.0910	60.521E-6	
43.00000	28.00000	-8.50000	-115.415	-8.9310	-0.018061	-5.9513	44.935E-6	
44.00000	28.00000	-8.50000	-116.758	-8.9310	-0.009986	-4.5966	34.889E-6	
45.00000	28.00000	-8.50000	-118.101	-8.9310	-0.0060402	-3.6751	27.984E-6	
46.00000	28.00000	-8.50000	-119.444	-8.9310	-0.0038940	-2.0145	18.487E-6	
47.00000	28.00000	-8.50000	-120.787	-8.9310	-0.0026396	-2.5219	19.273E-6	
48.00000	28.00000	-8.50000	-122.130	-8.9310	-0.0018618	-2.1430	16.395E-6	
49.00000	28.00000	-8.50000	-123.473	-8.9310	-0.0013562	-1.8443	14.121E-6	
50.00000	28.00000	-8.50000	-124.816	-8.9310	-0.0010144	-1.6040	12.289E-6	
51.00000	28.00000	-8.50000	-126.159	-8.9310	-0.0007758	-1.4074	10.788E-6	
52.00000	28.00000	-8.50000	-127.502	-8.9310	-0.000622E-6	-1.2443	9.5415E-6	
53.00000	28.00000	-8.50000	-128.845	-8.9310	-0.0004786E-6	-1.1074	8.4918E-6	
54.00000	28.00000	-8.50000	-130.188	-8.9310	-0.0003460E-6	-0.99116	7.6048E-6	
55.00000	28.00000	-8.50000	-131.531	-8.9310	-0.000269E-6	-0.89168	6.8431E-6	
56.00000	28.00000	-8.50000	-132.874	-8.9310	-0.000209E-6	-0.80584	6.1855E-6	
57.00000	28.00000	-8.50000	-134.217	-8.9310	-0.000162E-6	-0.73125	5.6138E-6	
58.00000	28.00000	-8.50000	-135.560	-8.9310	-0.000124E-6	-0.66602	5.1138E-6	
59.00000	28.00000	-8.50000	-136.903	-8.9310	-0.000094E-6	-0.60867	4.6740E-6	
60.00000	28.00000	-8.50000	-138.246	-8.9310	-0.000071E-6	-0.55977	4.2852E-6	
-20.00000	29.00000	-8.50000	-5.5284	-8.9310	-136.78E-6	-0.56094	4.3076E-6	
-19.00000	29.00000	-8.50000	-5.9313	-8.9310	-162.32E-6	-0.61277	4.7050E-6	
-18.00000	29.00000	-8.50000	-6.3342	-8.9310	-194.19E-6	-0.67164	5.1630E-6	
-17.00000	29.00000	-8.50000	-6.7371	-8.9310	-234.40E-6	-0.73887	5.6714E-6	
-16.00000	29.00000	-8.50000	-7.1400	-8.9310	-285.80E-6	-0.81614	6.2633E-6	
-15.00000	29.00000	-8.50000	-7.5429	-8.9310	-352.46E-6	-0.90557	6.9481E-6	
-14.00000	29.00000	-8.50000	-7.9458	-8.9310	-440.31E-6	-1.0099	7.7465E-6	
-13.00000	29.00000	-8.50000	-8.3487	-8.9310	-558.27E-6	-1.1328	8.6859E-6	
-12.00000	29.00000	-8.50000	-8.7516	-8.9310	-720.09E-6	-1.2790	9.8027E-6	
-11.00000	29.00000	-8.50000	-9.1545	-8.9310	-947.75E-6	-1.4551	1.1140E-5	
-10.00000	29.00000	-8.50000	-9.5574	-8.9310	-0.0012777	-1.6702	12.786E-6	
-9.00000	29.00000	-8.50000	-9.9603	-8.9310	-0.0017733	-1.9378	14.821E-6	
-8.00000	29.00000	-8.50000	-10.3632	-8.9310	-0.0025513	-2.2776	17.398E-6	
-7.00000	29.00000	-8.50000	-10.7661	-8.9310	-0.0038419	-2.7209	20.549E-6	
-6.00000	29.00000	-8.50000	-11.1690	-8.9310	-0.0061421	-3.3194	25.245E-6	
-5.00000	29.00000	-8.50000	-11.5719	-8.9310	-0.010657	-4.1661	31.947E-6	
-4.00000	29.00000	-8.50000	-11.9748	-8.9310	-0.020917	-5.4450	40.914E-6	
-3.00000	29.00000	-8.50000	-12.3777	-8.9310	-0.048987	-7.5803	56.036E-6	
-2.00000	29.00000	-8.50000	-12.7806	-8.9310	-0.16075	-11.807	83.385E-6	
-1.00000	29.00000	-8.50000	-13.1835	-8.9310	-1.1067	-23.682	131.06E-6	
0.00000	29.00000	-8.50000	-13.5864	-8.9310	-40.000	-40.788	0.0011167	
1.00000	29.00000	-8.50000	-13.9893	-8.9310	-78.893	-165.90	-0.0023645	
2.00000	29.00000	-8.50000	-14.3922	-8.9310	-79.839	-177.77	-0.0023168	
3.00000	29.00000	-8.50000	-14.7951	-8.9310	-79.951	-182.01	-0.0022894	
4.00000	29.00000	-8.50000	-15.1980	-8.9310	-79.979	-184.15	-0.0022742	
5.00000	29.00000	-8.50000	-15.6009	-8.9310	-79.989	-185.44	-0.0022648	
6.00000	29.00000	-8.50000	-16.0038	-8.9310	-79.994	-186.30	-0.0022584	
7.00000	29.00000	-8.50000	-16.4067	-8.9310	-79.996	-186.92	-0.0022538	
8.00000	29.00000	-8.50000	-16.8096	-8.9310	-79.997	-187.38	-0.0022503	
9.00000	29.00000	-8.50000	-17.2125	-8.9310	-79.998	-187.74	-0.0022475	
10.00000	29.00000	-8.50000	-17.6154	-8.9310	-79.999	-188.04	-0.0022451	
11.00000	29.00000	-8.50000	-18.0183	-8.9310	-79.999	-188.29	-0.0022433	
12.00000	29.00000	-8.50000	-18.4212	-8.9310	-79.999	-188.52	-0.0022416	
13.00000	29.00000	-8.50000	-18.8241	-8.9310	-80.000	-188.73	-0.0022400	
14.00000	29.00000	-8.50000	-19.2270	-8.9310	-80.000	-188.95	-0.0022383	
15.00000	29.00000	-8.50000	-19.6299	-8.9310	-80.001	-189.20	-0.0022365	
16.00000	29.00000	-8.50000	-20.0328	-8.9310	-80.003	-189.51	-0.0022341	
17.00000	29.00000	-8.50000	-20.4357	-8.9310	-80.006	-189.87	-0.0022308	
18.00000	29.00000	-8.50000	-20.8386	-8.9310	-80.013	-190.71	-0.0022254	
19.00000	2							

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Stresses			
	X [m]	Y [m]			Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
39.00000	31.00000	-8.50000	-31.472	-8.9310	-1.9257	-33.473	168.57E-6	
40.00000	31.00000	-8.50000	-27.070	-8.9310	-0.23947	-14.822	102.94E-6	
41.00000	31.00000	-8.50000	-23.900	-8.9310	-0.066268	-8.9985	66.145E-6	
42.00000	31.00000	-8.50000	-21.397	-8.9310	-0.026536	-6.2707	47.001E-6	
43.00000	31.00000	-8.50000	-19.329	-8.9310	-0.013072	-4.7119	35.634E-6	
44.00000	31.00000	-8.50000	-17.572	-8.9310	-0.0073415	-3.7116	28.206E-6	
45.00000	31.00000	-8.50000	-16.050	-8.9310	-0.0045112	-3.0195	23.014E-6	
46.00000	31.00000	-8.50000	-14.715	-8.9310	-0.0029590	-2.5148	19.203E-6	
47.00000	31.00000	-8.50000	-13.531	-8.9310	-0.0020392	-2.1320	16.302E-6	
48.00000	31.00000	-8.50000	-12.472	-8.9310	-0.0014607	-1.8331	14.030E-6	
49.00000	31.00000	-8.50000	-11.521	-8.9310	-0.0010792	-1.5941	12.209E-6	
50.00000	31.00000	-8.50000	-10.660	-8.9310	-8.17E-6	-1.3593	10.723E-6	
51.00000	31.00000	-8.50000	-9.8791	-8.9310	-632.95E-6	-1.2380	9.4520E-6	
52.00000	31.00000	-8.50000	-9.1671	-8.9310	-498.68E-6	-1.1028	8.4584E-6	
53.00000	31.00000	-8.50000	-8.5161	-8.9310	-398.94E-6	-0.98819	7.5813E-6	
54.00000	31.00000	-8.50000	-7.9194	-8.9310	-323.39E-6	-0.89004	6.8999E-6	
55.00000	31.00000	-8.50000	-7.3712	-8.9310	-265.18E-6	-0.80530	6.1810E-6	
56.00000	31.00000	-8.50000	-6.8664	-8.9310	-219.67E-6	-0.73162	5.6164E-6	
57.00000	31.00000	-8.50000	-6.4007	-8.9310	-183.62E-6	-0.66714	5.1222E-6	
58.00000	31.00000	-8.50000	-5.9705	-8.9310	-154.73E-6	-0.61037	4.6870E-6	
59.00000	31.00000	-8.50000	-5.5724	-8.9310	-131.33E-6	-0.56015	4.3018E-6	
60.00000	31.00000	-8.50000	-5.2036	-8.9310	-112.20E-6	-0.51550	3.9593E-6	
20.00000	32.00000	-8.50000	-5.0972	-8.9310	-115.19E-6	-0.50952	3.9132E-6	
19.00000	32.00000	-8.50000	-5.4536	-8.9310	-135.20E-6	-0.55344	4.2500E-6	
18.00000	32.00000	-8.50000	-5.8375	-8.9310	-159.78E-6	-0.60281	4.6286E-6	
17.00000	32.00000	-8.50000	-6.2514	-8.9310	-190.24E-6	-0.65855	5.0595E-6	
16.00000	32.00000	-8.50000	-6.6982	-8.9310	-228.38E-6	-0.72179	5.5404E-6	
15.00000	32.00000	-8.50000	-7.1811	-8.9310	-276.69E-6	-0.79391	6.0928E-6	
14.00000	32.00000	-8.50000	-7.7037	-8.9310	-338.68E-6	-0.87667	6.7264E-6	
13.00000	32.00000	-8.50000	-8.2700	-8.9310	-419.36E-6	-0.97225	7.4577E-6	
12.00000	32.00000	-8.50000	-8.8847	-8.9310	-526.08E-6	-1.0834	8.3080E-6	
11.00000	32.00000	-8.50000	-9.5530	-8.9310	-669.84E-6	-1.2139	9.3045E-6	
10.00000	32.00000	-8.50000	-10.281	-8.9310	-867.56E-6	-1.3683	10.483E-6	
9.00000	32.00000	-8.50000	-11.075	-8.9310	-0.0011460	-1.5531	11.892E-6	
8.00000	32.00000	-8.50000	-11.944	-8.9310	-0.0015492	-1.7769	13.594E-6	
7.00000	32.00000	-8.50000	-12.896	-8.9310	-0.0021513	-2.0516	15.678E-6	
6.00000	32.00000	-8.50000	-13.941	-8.9310	-0.0030836	-2.3938	18.267E-6	
5.00000	32.00000	-8.50000	-15.090	-8.9310	-0.0045855	-2.8274	21.532E-6	
4.00000	32.00000	-8.50000	-16.354	-8.9310	-0.0071071	-3.3858	25.710E-6	
3.00000	32.00000	-8.50000	-17.741	-8.9310	-0.011491	-4.1142	31.110E-6	
2.00000	32.00000	-8.50000	-19.254	-8.9310	-0.019173	-5.0641	38.061E-6	
1.00000	32.00000	-8.50000	-20.878	-8.9310	-0.031815	-6.2636	46.702E-6	
0.00000	32.00000	-8.50000	-22.571	-8.9310	-0.049044	-7.6493	56.564E-6	
1.00000	32.00000	-8.50000	-24.262	-8.9310	-0.066274	-9.0358	66.432E-6	
2.00000	32.00000	-8.50000	-25.883	-8.9310	-0.078919	-10.238	75.090E-6	
3.00000	32.00000	-8.50000	-27.391	-8.9310	-0.086607	-11.191	82.070E-6	
4.00000	32.00000	-8.50000	-28.772	-8.9310	-0.091000	-11.925	87.311E-6	
5.00000	32.00000	-8.50000	-30.027	-8.9310	-0.093533	-12.491	91.744E-6	
6.00000	32.00000	-8.50000	-31.165	-8.9310	-0.095051	-12.934	95.080E-6	
7.00000	32.00000	-8.50000	-32.197	-8.9310	-0.096005	-13.288	97.759E-6	
8.00000	32.00000	-8.50000	-33.136	-8.9310	-0.096635	-13.577	99.857E-6	
9.00000	32.00000	-8.50000	-33.990	-8.9310	-0.097078	-13.820	101.81E-6	
10.00000	32.00000	-8.50000	-34.772	-8.9310	-0.097414	-14.031	103.41E-6	
11.00000	32.00000	-8.50000	-35.490	-8.9310	-0.097697	-14.219	104.84E-6	
12.00000	32.00000	-8.50000	-36.155	-8.9310	-0.097973	-14.396	106.19E-6	
13.00000	32.00000	-8.50000	-36.778	-8.9310	-0.098296	-14.573	107.54E-6	
14.00000	32.00000	-8.50000	-37.371	-8.9310	-0.098749	-14.763	108.99E-6	
15.00000	32.00000	-8.50000	-37.950	-8.9310	-0.099495	-14.993	110.71E-6	
16.00000	32.00000	-8.50000	-38.534	-8.9310	-0.10090	-15.293	112.96E-6	
17.00000	32.00000	-8.50000	-39.155	-8.9310	-0.10395	-15.736	116.22E-6	
18.00000	32.00000	-8.50000	-39.857	-8.9310	-0.11160	-16.474	121.54E-6	
19.00000	32.00000	-8.50000	-40.720	-8.9310	-0.13539	-17.884	131.29E-6	
20.00000	32.00000	-8.50000	-41.897	-8.9310	-0.23947	-21.151	151.61E-6	
21.00000	32.00000	-8.50000	-43.726	-8.9310	-1.1728	-31.001	30.45E-6	
22.00000	32.00000	-8.50000	-47.921	-8.9310	-40.049	-101.48	-0.0010675	
23.00000	32.00000	-8.50000	-52.042	-8.9310	-78.924	-171.15	-0.0023256	
24.00000	32.00000	-8.50000	-53.651	-8.9310	-79.858	-181.75	-0.0022872	
25.00000	32.00000	-8.50000	-54.455	-8.9310	-79.962	-184.93	-0.0022676	
26.00000	32.00000	-8.50000	-54.793	-8.9310	-79.985	-186.21	-0.0022587	
27.00000	32.00000	-8.50000	-54.806	-8.9310	-79.993	-186.78	-0.0022547	
28.00000	32.00000	-8.50000	-54.666	-8.9310	-79.995	-186.99	-0.0022532	
29.00000	32.00000	-8.50000	-54.106	-8.9310	-79.996	-187.00	-0.0022532	
30.00000	32.00000	-8.50000	-53.438	-8.9310	-79.996	-186.84	-0.0022544	
31.00000	32.00000	-8.50000	-52.561	-8.9310	-79.995	-186.52	-0.0022568	
32.00000	32.00000	-8.50000	-51.459	-8.9310	-79.993	-186.01	-0.0022606	
33.00000	32.00000	-8.50000	-50.104	-8.9310	-79.989	-185.24	-0.0022664	
34.00000	32.00000	-8.50000	-48.446	-8.9310	-79.979	-184.01	-0.0022753	
35.00000	32.00000	-8.50000	-46.403	-8.9310	-79.951	-181.92	-0.0022901	
36.00000	32.00000	-8.50000	-43.825	-8.9310	-79.839	-177.72	-0.0023173	
37.00000	32.00000	-8.50000	-40.390	-8.9310	-78.893	-165.87	-0.0023647	
38.00000	32.00000	-8.50000	-34.428	-8.9310	-40.000	-94.788	-0.0011167	
39.00000	32.00000	-8.50000	-28.448	-8.9310	-31.20E-6	-23.700	131.20E-6	
40.00000	32.00000	-8.50000	-24.955	-8.9310	-0.16080	-11.839	83.627E-6	
41.00000	32.00000	-8.50000	-22.281	-8.9310	-0.049042	-7.6217	56.352E-6	
42.00000	32.00000	-8.50000	-20.100	-8.9310	-0.020872	-5.4928	41.280E-6	
43.00000	32.00000	-8.50000	-18.259	-8.9310	-0.010710	-4.2180	31.944E-6	
44.00000	32.00000	-8.50000	-16.672	-8.9310	-0.0061925	-3.3735	25.659E-6	
45.00000	32.00000	-8.50000	-15.282	-8.9310	-0.0038884	-2.7757	21.167E-6	
46.00000	32.00000	-8.50000	-14.053	-8.9310	-0.0029395	-2.3321	17.816E-6	
47.00000	32.00000	-8.50000	-12.955	-8.9310	-0.0018113	-1.9912	15.230E-6	
48.00000	32.00000	-8.50000	-11.968	-8.9310	-0.0013116	-1.7220	13.183E-6	
49.00000	32.00000	-8.50000	-11.077	-8.9310	-977.83E-6	-1.5049	11.508E-6	
50.00000	32.00000	-8.50000	-10.268	-8.9310	-746.67E-6	-1.3265	10.167E-6	
51.00000	32.00000	-8.50000	-9.5304	-8.9310	-581.69E-6	-1.1780	9.0326E-6	
52.00000	32.00000	-8.50000	-8.8562	-8.9310	-460.92E-6	-1.0527	8.0748E-6	
53.00000	32.00000	-8.50000	-8.2382	-8.9310	-370.59E-6	-0.94600	7.2919E-6	
54.00000	32.00000	-8.50000	-7.6702	-8.9310	-301.74E-6	-0.85423	6.5555E-6	
55.00000	32.00000	-8.50000	-7.1471	-8.9310	-248.42E-6	-0.77470	5.9464E-6	
56.00000	32.00000	-8.50000	-6.6648	-8.9310	-206.53E-6	-0.70530	5.4168E-6	
57.00000	32.00000	-8.50000	-6.2185	-8.9310	-173.20E-6	-0.64437		

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Stresses			
	X [m]	Y [m]			Calc Level [mOD]	Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
-3.00000	35.00000	-8.50000	-14.208	-8.9310	-0.0031017	-2.4287	18.534E-6	
-2.00000	35.00000	-8.50000	-15.139	-8.9310	-0.0039964	-2.7357	20.855E-6	
-1.00000	35.00000	-8.50000	-16.096	-8.9310	-0.0050512	-3.0680	23.361E-6	
0.00000	35.00000	-8.50000	-17.068	-8.9310	-0.0062037	-3.4147	25.975E-6	
1.00000	35.00000	-8.50000	-18.039	-8.9310	-0.0073570	-3.7620	28.592E-6	
2.00000	35.00000	-8.50000	-18.992	-8.9310	-0.0084141	-4.0957	31.110E-6	
3.00000	35.00000	-8.50000	-19.916	-8.9310	-0.0093127	-4.4052	33.448E-6	
4.00000	35.00000	-8.50000	-20.799	-8.9310	-0.010035	-4.6848	35.565E-6	
5.00000	35.00000	-8.50000	-21.636	-8.9310	-0.010597	-4.9331	37.449E-6	
6.00000	35.00000	-8.50000	-22.423	-8.9310	-0.011027	-5.1520	39.113E-6	
7.00000	35.00000	-8.50000	-23.160	-8.9310	-0.011357	-5.3447	40.580E-6	
8.00000	35.00000	-8.50000	-23.847	-8.9310	-0.011615	-5.5154	41.880E-6	
9.00000	35.00000	-8.50000	-24.489	-8.9310	-0.011823	-5.6682	43.046E-6	
10.00000	35.00000	-8.50000	-25.086	-8.9310	-0.012000	-5.8075	44.109E-6	
11.00000	35.00000	-8.50000	-25.644	-8.9310	-0.012166	-5.9378	45.104E-6	
12.00000	35.00000	-8.50000	-26.168	-8.9310	-0.012337	-6.0640	46.051E-6	
13.00000	35.00000	-8.50000	-26.662	-8.9310	-0.012540	-6.1916	47.038E-6	
14.00000	35.00000	-8.50000	-27.132	-8.9310	-0.012810	-6.3279	48.074E-6	
15.00000	35.00000	-8.50000	-27.577	-8.9310	-0.013209	-6.4627	49.246E-6	
16.00000	35.00000	-8.50000	-28.035	-8.9310	-0.013851	-6.6699	50.556E-6	
17.00000	35.00000	-8.50000	-28.487	-8.9310	-0.014949	-6.9103	52.045E-6	
18.00000	35.00000	-8.50000	-28.954	-8.9310	-0.016925	-7.2345	54.856E-6	
19.00000	35.00000	-8.50000	-29.447	-8.9310	-0.020592	-7.6863	58.162E-6	
20.00000	35.00000	-8.50000	-29.975	-8.9310	-0.027371	-8.3185	62.711E-6	
21.00000	35.00000	-8.50000	-30.531	-8.9310	-0.038941	-9.1645	68.683E-6	
22.00000	35.00000	-8.50000	-31.084	-8.9310	-0.054990	-10.171	75.691E-6	
23.00000	35.00000	-8.50000	-31.580	-8.9310	-0.071027	-11.165	82.586E-6	
24.00000	35.00000	-8.50000	-31.961	-8.9310	-0.082560	-11.974	88.276E-6	
25.00000	35.00000	-8.50000	-32.195	-8.9310	-0.089273	-12.543	92.346E-6	
26.00000	35.00000	-8.50000	-32.275	-8.9310	-0.092819	-12.904	94.958E-6	
27.00000	35.00000	-8.50000	-32.203	-8.9310	-0.094668	-13.107	96.429E-6	
28.00000	35.00000	-8.50000	-31.987	-8.9310	-0.095557	-13.189	97.023E-6	
29.00000	35.00000	-8.50000	-31.623	-8.9310	-0.095900	-13.177	96.909E-6	
30.00000	35.00000	-8.50000	-31.144	-8.9310	-0.095865	-13.080	96.170E-6	
31.00000	35.00000	-8.50000	-30.521	-8.9310	-0.095490	-12.902	94.817E-6	
32.00000	35.00000	-8.50000	-29.760	-8.9310	-0.094702	-12.634	92.792E-6	
33.00000	35.00000	-8.50000	-28.858	-8.9310	-0.093295	-12.228	89.969E-6	
34.00000	35.00000	-8.50000	-27.807	-8.9310	-0.090837	-11.746	86.144E-6	
35.00000	35.00000	-8.50000	-26.604	-8.9310	-0.086497	-11.055	81.029E-6	
36.00000	35.00000	-8.50000	-25.251	-8.9310	-0.078847	-10.136	74.112E-6	
37.00000	35.00000	-8.50000	-23.764	-8.9310	-0.066229	-8.9619	65.866E-6	
38.00000	35.00000	-8.50000	-22.189	-8.9310	-0.049018	-7.5978	56.169E-6	
39.00000	35.00000	-8.50000	-20.597	-8.9310	-0.031803	-6.2302	46.446E-6	
40.00000	35.00000	-8.50000	-19.059	-8.9310	-0.019171	-5.0451	37.915E-6	
41.00000	35.00000	-8.50000	-17.620	-8.9310	-0.011497	-4.1066	31.051E-6	
42.00000	35.00000	-8.50000	-16.295	-8.9310	-0.0071175	-3.3872	25.721E-6	
43.00000	35.00000	-8.50000	-15.084	-8.9310	-0.0045987	-2.8358	21.597E-6	
44.00000	35.00000	-8.50000	-13.980	-8.9310	-0.0030985	-2.4076	18.373E-6	
45.00000	35.00000	-8.50000	-12.971	-8.9310	-0.0021669	-2.0693	15.814E-6	
46.00000	35.00000	-8.50000	-12.050	-8.9310	-0.0015648	-1.7975	13.752E-6	
47.00000	35.00000	-8.50000	-11.206	-8.9310	-0.0011613	-1.5871	12.065E-6	
48.00000	35.00000	-8.50000	-10.431	-8.9310	-882.14E-6	-1.3922	10.666E-6	
49.00000	35.00000	-8.50000	-9.7187	-8.9310	-683.56E-6	-1.2385	9.4928E-6	
50.00000	35.00000	-8.50000	-9.0622	-8.9310	-538.86E-6	-1.1083	8.4983E-6	
51.00000	35.00000	-8.50000	-8.4562	-8.9310	-431.16E-6	-0.99701	7.6476E-6	
52.00000	35.00000	-8.50000	-7.8959	-8.9310	-349.50E-6	-0.90111	6.9139E-6	
53.00000	35.00000	-8.50000	-7.3737	-8.9310	-286.57E-6	-0.81784	6.2764E-6	
54.00000	35.00000	-8.50000	-6.8961	-8.9310	-237.36E-6	-0.74506	5.7189E-6	
55.00000	35.00000	-8.50000	-6.4496	-8.9310	-198.39E-6	-0.68107	5.2286E-6	
56.00000	35.00000	-8.50000	-6.0347	-8.9310	-167.16E-6	-0.62452	4.7952E-6	
57.00000	35.00000	-8.50000	-5.6487	-8.9310	-141.88E-6	-0.57429	4.4188E-6	
58.00000	35.00000	-8.50000	-5.2894	-8.9310	-121.22E-6	-0.52949	4.0655E-6	
59.00000	35.00000	-8.50000	-4.9545	-8.9310	-104.19E-6	-0.48937	3.7587E-6	
60.00000	35.00000	-8.50000	-4.6422	-8.9310	-90.048E-6	-0.45331	3.4802E-6	
61.00000	35.00000	-8.50000	-4.3500	-8.9310	-77.263E-6	-0.43849	3.2682E-6	
62.00000	35.00000	-8.50000	-4.07739	-8.9310	-65.618E-6	-0.42720	3.0768E-6	
63.00000	35.00000	-8.50000	-3.82416	-8.9310	-55.057E-6	-0.41981	2.9027E-6	
64.00000	35.00000	-8.50000	-3.58771	-8.9310	-45.676E-6	-0.41578	2.7454E-6	
65.00000	35.00000	-8.50000	-3.36788	-8.9310	-37.465E-6	-0.41438	2.6039E-6	
66.00000	35.00000	-8.50000	-3.16304	-8.9310	-30.343E-6	-0.41568	2.4772E-6	
67.00000	35.00000	-8.50000	-2.97267	-8.9310	-24.282E-6	-0.41977	2.3659E-6	
68.00000	35.00000	-8.50000	-2.79511	-8.9310	-19.343E-6	-0.42684	2.2689E-6	
69.00000	35.00000	-8.50000	-2.63000	-8.9310	-15.539E-6	-0.43653	2.1859E-6	
70.00000	35.00000	-8.50000	-2.47693	-8.9310	-12.842E-6	-0.44929	2.1169E-6	
71.00000	35.00000	-8.50000	-2.33549	-8.9310	-10.320E-6	-0.46456	2.0610E-6	
72.00000	35.00000	-8.50000	-2.20527	-8.9310	-8.040E-6	-0.48189	2.0179E-6	
73.00000	35.00000	-8.50000	-2.08597	-8.9310	-6.062E-6	-0.50180	1.9872E-6	
74.00000	35.00000	-8.50000	-1.97711	-8.9310	-4.349E-6	-0.52384	1.9684E-6	
75.00000	35.00000	-8.50000	-1.87824	-8.9310	-2.950E-6	-0.54761	1.9609E-6	
76.00000	35.00000	-8.50000	-1.78894	-8.9310	-1.920E-6	-0.57256	1.9744E-6	
77.00000	35.00000	-8.50000	-1.70877	-8.9310	-1.210E-6	-0.59819	2.0094E-6	
78.00000	35.00000	-8.50000	-1.63741	-8.9310	-8.210E-7	-0.62394	2.0554E-6	
79.00000	35.00000	-8.50000	-1.57445	-8.9310	-5.210E-7	-0.64919	2.1119E-6	
80.00000	35.00000	-8.50000	-1.51949	-8.9310	-3.210E-7	-0.67338	2.1793E-6	
81.00000	35.00000	-8.50000	-1.47211	-8.9310	-2.010E-7	-0.69599	2.2572E-6	
82.00000	35.00000	-8.50000	-1.43181	-8.9310	-1.310E-7	-0.71744	2.3452E-6	
83.00000	35.00000	-8.50000	-1.39817	-8.9310	-8.210E-8	-0.73719	2.4429E-6	
84.00000	35.00000	-8.50000	-1.37081	-8.9310	-5.210E-8	-0.75484	2.5500E-6	
85.00000	35.00000	-8.50000	-1.34935	-8.9310	-3.210E-8	-0.77089	2.6661E-6	
86.00000	35.00000	-8.50000	-1.33340	-8.9310	-2.010E-8	-0.78484	2.7910E-6	
87.00000	35.00000	-8.50000	-1.32274	-8.9310	-1.310E-8	-0.79729	2.9245E-6	
88.00000	35.00000	-8.50000	-1.31709	-8.9310	-8.210E-9	-0.80784	3.0662E-6	
89.00000	35.00000	-8.50000	-1.31604	-8.9310	-5.210E-9	-0.81619	3.2159E-6	
90.00000	35.00000	-8.50000	-1.32029	-8.9310	-3.210E-9	-0.82284	3.3732E-6	
91.00000	35.00000	-8.50000	-1.32954	-8.9310	-2.010E-9	-0.82739	3.5379E-6	
92.00000	35.00000	-8.50000	-1.34340	-8.9310	-1.310E-9	-0.82934	3.7099E-6	
93.00000	35.00000	-8.50000	-1.36145	-8.9310	-8.210E-10	-0.82839	3.8884E-6	
94.00000	35.00000	-8.50000	-1.38331	-8.9310	-5.210E-10	-0.82484	4.0729E-6	
95.00000	35.00000	-8.50000	-1.40957	-8.9310	-3.210E-10	-0.81015		

Oasys

73-75 Avenue Road, NW8

Total Heave

Job No.		Sheet No.		Rev.				
J14383								
Drg. Ref.								
Made by MP		Date 09-Feb-2015	Checked					
Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
36.00000	38.00000	-8.50000	-18.236	-8.9310	-0.0083417	-3.9815	30.235E-6	
37.00000	38.00000	-8.50000	-17.404	-8.9310	-0.0073044	-3.6709	27.894E-6	
38.00000	38.00000	-8.50000	-16.540	-8.9310	-0.0061662	-3.3429	25.424E-6	
39.00000	38.00000	-8.50000	-15.663	-8.9310	-0.0050251	-3.0121	22.933E-6	
40.00000	38.00000	-8.50000	-14.788	-8.9310	-0.0039789	-2.6932	20.528E-6	
41.00000	38.00000	-8.50000	-13.930	-8.9310	-0.0030908	-2.3972	18.293E-6	
42.00000	38.00000	-8.50000	-13.101	-8.9310	-0.0023788	-2.1303	16.273E-6	
43.00000	38.00000	-8.50000	-12.307	-8.9310	-0.0018289	-1.8944	14.484E-6	
44.00000	38.00000	-8.50000	-11.553	-8.9310	-0.0014126	-1.6881	12.918E-6	
45.00000	38.00000	-8.50000	-10.840	-8.9310	-0.0010999	-1.5089	11.554E-6	
46.00000	38.00000	-8.50000	-10.170	-8.9310	-864.91E-6	-1.3534	10.368E-6	
47.00000	38.00000	-8.50000	-9.5398	-8.9310	-687.30E-6	-1.2182	9.3372E-6	
48.00000	38.00000	-8.50000	-8.9492	-8.9310	-551.95E-6	-1.1006	8.4383E-6	
49.00000	38.00000	-8.50000	-8.3958	-8.9310	-447.78E-6	-0.99769	7.6521E-6	
50.00000	38.00000	-8.50000	-7.8777	-8.9310	-366.77E-6	-0.90744	6.9617E-6	
51.00000	38.00000	-8.50000	-7.3925	-8.9310	-303.13E-6	-0.82793	6.3511E-6	
52.00000	38.00000	-8.50000	-6.9384	-8.9310	-252.62E-6	-0.75762	5.8148E-6	
53.00000	38.00000	-8.50000	-6.5132	-8.9310	-212.15E-6	-0.69518	5.3365E-6	
54.00000	38.00000	-8.50000	-6.1151	-8.9310	-179.42E-6	-0.63954	4.9101E-6	
55.00000	38.00000	-8.50000	-5.7426	-8.9310	-152.74E-6	-0.58976	4.5285E-6	
56.00000	38.00000	-8.50000	-5.3928	-8.9310	-130.80E-6	-0.54510	4.1860E-6	
57.00000	38.00000	-8.50000	-5.0654	-8.9310	-112.64E-6	-0.50488	3.8776E-6	
58.00000	38.00000	-8.50000	-4.7585	-8.9310	-97.501E-6	-0.46857	3.5990E-6	
59.00000	38.00000	-8.50000	-4.4707	-8.9310	-84.797E-6	-0.43568	3.3467E-6	
60.00000	38.00000	-8.50000	-4.2008	-8.9310	-74.075E-6	-0.40583	3.1176E-6	
61.00000	38.00000	-8.50000	-3.9445	-8.9310	-69.090E-6	-0.38732	2.9755E-6	
62.00000	38.00000	-8.50000	-3.6998	-8.9310	-64.832E-6	-0.37023	2.8500E-6	
63.00000	38.00000	-8.50000	-3.4764	-8.9310	-61.282E-6	-0.35435	2.7400E-6	
64.00000	38.00000	-8.50000	-3.2735	-8.9310	-58.400E-6	-0.33956	2.6444E-6	
65.00000	38.00000	-8.50000	-3.0904	-8.9310	-56.125E-6	-0.32575	2.5618E-6	
66.00000	38.00000	-8.50000	-2.9266	-8.9310	-54.411E-6	-0.31291	2.4908E-6	
67.00000	38.00000	-8.50000	-2.7815	-8.9310	-53.212E-6	-0.30092	2.4300E-6	
68.00000	38.00000	-8.50000	-2.6546	-8.9310	-52.474E-6	-0.28977	2.3782E-6	
69.00000	38.00000	-8.50000	-2.5454	-8.9310	-52.149E-6	-0.27945	2.3343E-6	
70.00000	38.00000	-8.50000	-2.4535	-8.9310	-52.184E-6	-0.26985	2.2973E-6	
71.00000	38.00000	-8.50000	-2.3784	-8.9310	-52.529E-6	-0.26095	2.2660E-6	
72.00000	38.00000	-8.50000	-2.3197	-8.9310	-53.434E-6	-0.25274	2.2392E-6	
73.00000	38.00000	-8.50000	-2.2769	-8.9310	-54.842E-6	-0.24521	2.2166E-6	
74.00000	38.00000	-8.50000	-2.2495	-8.9310	-56.706E-6	-0.23835	2.1980E-6	
75.00000	38.00000	-8.50000	-2.2369	-8.9310	-59.089E-6	-0.23215	2.1832E-6	
76.00000	38.00000	-8.50000	-2.2387	-8.9310	-62.054E-6	-0.22660	2.1722E-6	
77.00000	38.00000	-8.50000	-2.2545	-8.9310	-65.672E-6	-0.22170	2.1639E-6	
78.00000	38.00000	-8.50000	-2.2846	-8.9310	-70.009E-6	-0.21744	2.1571E-6	
79.00000	38.00000	-8.50000	-2.3284	-8.9310	-75.134E-6	-0.21382	2.1518E-6	
80.00000	38.00000	-8.50000	-2.3854	-8.9310	-81.134E-6	-0.21084	2.1470E-6	
81.00000	38.00000	-8.50000	-2.4561	-8.9310	-88.108E-6	-0.20850	2.1426E-6	
82.00000	38.00000	-8.50000	-2.5401	-8.9310	-96.156E-6	-0.20680	2.1386E-6	
83.00000	38.00000	-8.50000	-2.6379	-8.9310	-105.389E-6	-0.20572	2.1350E-6	
84.00000	38.00000	-8.50000	-2.7499	-8.9310	-115.919E-6	-0.20526	2.1318E-6	
85.00000	38.00000	-8.50000	-2.8765	-8.9310	-127.859E-6	-0.20542	2.1289E-6	
86.00000	38.00000	-8.50000	-3.0182	-8.9310	-141.324E-6	-0.20623	2.1263E-6	
87.00000	38.00000	-8.50000	-3.1755	-8.9310	-156.450E-6	-0.20769	2.1240E-6	
88.00000	38.00000	-8.50000	-3.3490	-8.9310	-173.374E-6	-0.20991	2.1220E-6	
89.00000	38.00000	-8.50000	-3.5392	-8.9310	-192.244E-6	-0.21280	2.1202E-6	
90.00000	38.00000	-8.50000	-3.7466	-8.9310	-213.219E-6	-0.21637	2.1186E-6	
91.00000	38.00000	-8.50000	-3.9718	-8.9310	-236.464E-6	-0.22063	2.1171E-6	
92.00000	38.00000	-8.50000	-4.2154	-8.9310	-262.044E-6	-0.22559	2.1158E-6	
93.00000	38.00000	-8.50000	-4.4780	-8.9310	-290.034E-6	-0.23125	2.1146E-6	
94.00000	38.00000	-8.50000	-4.7601	-8.9310	-320.514E-6	-0.23761	2.1135E-6	
95.00000	38.00000	-8.50000	-5.0623	-8.9310	-353.664E-6	-0.24467	2.1125E-6	
96.00000	38.00000	-8.50000	-5.3853	-8.9310	-389.584E-6	-0.25243	2.1116E-6	
97.00000	38.00000	-8.50000	-5.7297	-8.9310	-428.384E-6	-0.26090	2.1108E-6	
98.00000	38.00000	-8.50000	-6.0961	-8.9310	-470.164E-6	-0.27008	2.1101E-6	
99.00000	38.00000	-8.50000	-6.4851	-8.9310	-515.024E-6	-0.27999	2.1095E-6	
100.00000	38.00000	-8.50000	-6.8973	-8.9310	-563.064E-6	-0.29063	2.1090E-6	
101.00000	38.00000	-8.50000	-7.3333	-8.9310	-613.984E-6	-0.30200	2.1086E-6	
102.00000	38.00000	-8.50000	-7.7939	-8.9310	-667.804E-6	-0.31419	2.1083E-6	
103.00000	38.00000	-8.50000	-8.2787	-8.9310	-724.924E-6	-0.32720	2.1081E-6	
104.00000	38.00000	-8.50000	-8.7875	-8.9310	-785.444E-6	-0.34103	2.1080E-6	
105.00000	38.00000	-8.50000	-9.3209	-8.9310	-849.564E-6	-0.35568	2.1079E-6	
106.00000	38.00000	-8.50000	-9.8785	-8.9310	-917.384E-6	-0.37115	2.1078E-6	
107.00000	38.00000	-8.50000	-10.4609	-8.9310	-988.904E-6	-0.38744	2.1077E-6	
108.00000	38.00000	-8.50000	-11.0687	-8.9310	-1064.12E-6	-0.40455	2.1076E-6	
109.00000	38.00000	-8.50000	-11.7025	-8.9310	-1143.04E-6	-0.42248	2.1075E-6	
110.00000	38.00000	-8.50000	-12.3629	-8.9310	-1225.66E-6	-0.44123	2.1074E-6	
111.00000	38.00000	-8.50000	-13.0505	-8.9310	-1312.00E-6	-0.46080	2.1073E-6	
112.00000	38.00000	-8.50000	-13.7650	-8.9310	-1402.16E-6	-0.48120	2.1072E-6	
113.00000	38.00000	-8.50000	-14.5070	-8.9310	-1496.16E-6	-0.50242	2.1071E-6	
114.00000	38.00000	-8.50000	-15.2770	-8.9310	-1594.00E-6	-0.52447	2.1070E-6	
115.00000	38.00000	-8.50000	-16.0755	-8.9310	-1695.68E-6	-0.54735	2.1069E-6	
116.00000	38.00000	-8.50000	-16.9021	-8.9310	-1801.20E-6	-0.57106	2.1068E-6	
117.00000	38.00000	-8.50000	-17.7573	-8.9310	-1910.56E-6	-0.59560	2.1067E-6	
118.00000	38.00000	-8.50000	-18.6417	-8.9310	-2023.76E-6	-0.62096	2.1066E-6	
119.00000	38.00000	-8.50000	-19.5558	-8.9310	-2140.80E-6	-0.64715	2.1065E-6	
120.00000	38.00000	-8.50000	-20.4992	-8.9310	-2261.68E-6	-0.67417	2.1064E-6	
121.00000	38.00000	-8.50000	-21.4725	-8.9310	-2386.40E-6	-0.70202	2.1063E-6	
122.00000	38.00000	-8.50000	-22.4763	-8.9310	-2514.96E-6	-0.73070	2.1062E-6	
123.00000	38.00000	-8.50000	-23.5102	-8.9310	-2647.36E-6	-0.76021	2.1061E-6	
124.00000	38.00000	-8.50000	-24.5739	-8.9310	-2783.60E-6	-0.79054	2.1060E-6	
125.00000	38.00000	-8.50000	-25.6680	-8.9310	-2923.68E-6	-0.82170	2.1059E-6	
126.00000	38.00000	-8.50000	-26.7931	-8.9310	-3067.60E-6	-0.85369	2.1058E-6	
127.00000	38.00000	-8.50000	-27.9498	-8.9310	-3215.36E-6	-0.88651	2.1057E-6	
128.00000	38.00000	-8.50000	-29.1387	-8.9310	-3366.96E-6	-0.92017	2.1056E-6	
129.00000	38.00000	-8.50000	-30.3604	-8.9310	-3522.40E-6	-0.95467	2.1055E-6	
130.00000	38.00000	-8.50000	-31.6155	-8.9310	-3681.76E-6	-0.99000	2.1054E-6	
131.00000	38.00000	-8.50000	-32.9046	-8.9310	-3845.04E-6	-1.02616	2.1053E-6	
132.00000	38.00000	-8.50000	-34.2283	-8.9310	-4012.24E-6	-1.06315	2.1052E-6	
133.00000	38.00000	-8.50000	-35.5872	-8.9310	-4183.36E-6	-1.10100	2.1051E-6	
134.00000	38.00000	-8.50000	-36.9819	-8.9310	-4358.40E-6	-1.13971	2.1050E-6	
135.00000	38.00000	-8.50000	-38.4130	-8.9310	-4537.36E-6	-1.17929	2.1049E-6	
136.00000	38.00000	-8.50000	-39.8801	-8.9310	-4720.24E-6	-1.21974	2.1048E-6	
137.00000	38.00000	-8.50000	-41.3838	-8.9310	-4907.04E-6	-1.26106	2.1047E-6	
138.00000	38.00000	-8.50000	-42.9247	-8.9310	-5097.76E-6	-1.30326	2.1046E-6	
139.00000	38.00000	-8.50000	-44.5025	-8.9310	-5292.40E-6	-1.34734	2.1045E-6	
140.00000	38.00000	-8.50000	-46.1169	-8.9310	-5490.96E-6	-1.39330	2.1044E-6	
141.00000	38.00000	-8.50000	-47.7685	-8.9310	-5693.44E-6	-1.44114	2.1043E-6	
142.00000	38.00000	-8.50000	-49.4570	-8.9310	-5900.84E-6	-1.49086	2.1042E-6	
143.00000	38.00000	-8.50000	-51.1820	-8.9310	-6113.16E-6	-1.54246	2.1041E-6	
144.00000	38.00000	-8.50000	-52.9441	-8.9310	-6330.40E-6	-1.59594	2.1040E-6	

Oasys

73-75 Avenue Road, NW8

Total Heave

		Job No.		Sheet No.		Rev.	
		J14383					
		Drg. Ref.					
Total Heave		Made by MP	Date 09-Feb-2015	Checked			
Name	X [m]	Location Y [m]	Z[Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses Vert Stress [kN/m²] Sum Princ [kN/m²] Vert Strain [-]	
-6.00000	42.00000	-8.50000	-7.6209	-8.9310	-307.06E-6	-0.84803	6.5076E-6
-5.00000	42.00000	-8.50000	-8.0026	-8.9310	-347.16E-6	-0.90543	6.9472E-6
-4.00000	42.00000	-8.50000	-8.3929	-8.9310	-390.99E-6	-0.96552	7.4073E-6
-3.00000	42.00000	-8.50000	-8.7903	-8.9310	-438.24E-6	-1.0280	7.8852E-6
-2.00000	42.00000	-8.50000	-9.1927	-8.9310	-488.37E-6	-1.0923	8.3777E-6
-1.00000	42.00000	-8.50000	-9.5979	-8.9310	-540.64E-6	-1.1580	8.8805E-6
0.00000	42.00000	-8.50000	-10.004	-8.9310	-594.17E-6	-1.2244	9.3890E-6
1.00000	42.00000	-8.50000	-10.408	-8.9310	-647.97E-6	-1.2910	9.8984E-6
2.00000	42.00000	-8.50000	-10.807	-8.9310	-701.08E-6	-1.3570	10.4048E-6
3.00000	42.00000	-8.50000	-11.200	-8.9310	-752.66E-6	-1.4220	10.901E-6
4.00000	42.00000	-8.50000	-11.585	-8.9310	-802.05E-6	-1.4853	11.386E-6
5.00000	42.00000	-8.50000	-11.958	-8.9310	-848.81E-6	-1.5466	11.855E-6
6.00000	42.00000	-8.50000	-12.319	-8.9310	-892.78E-6	-1.6057	12.307E-6
7.00000	42.00000	-8.50000	-12.667	-8.9310	-934.09E-6	-1.6623	12.741E-6
8.00000	42.00000	-8.50000	-12.999	-8.9310	-973.03E-6	-1.7165	13.156E-6
9.00000	42.00000	-8.50000	-13.315	-8.9310	-0.0010101	-1.7683	13.552E-6
10.00000	42.00000	-8.50000	-13.615	-8.9310	-0.0010461	-1.8179	13.932E-6
11.00000	42.00000	-8.50000	-13.898	-8.9310	-0.0010819	-1.8656	14.297E-6
12.00000	42.00000	-8.50000	-14.164	-8.9310	-0.0011186	-1.9117	14.650E-6
13.00000	42.00000	-8.50000	-14.412	-8.9310	-0.0011573	-1.9565	14.993E-6
14.00000	42.00000	-8.50000	-14.643	-8.9310	-0.0011994	-2.0005	15.329E-6
15.00000	42.00000	-8.50000	-14.855	-8.9310	-0.0012462	-2.0439	15.661E-6
16.00000	42.00000	-8.50000	-15.049	-8.9310	-0.0012992	-2.0871	15.991E-6
17.00000	42.00000	-8.50000	-15.225	-8.9310	-0.0013595	-2.1301	16.319E-6
18.00000	42.00000	-8.50000	-15.380	-8.9310	-0.0014278	-2.1729	16.645E-6
19.00000	42.00000	-8.50000	-15.514	-8.9310	-0.0015040	-2.2152	16.966E-6
20.00000	42.00000	-8.50000	-15.624	-8.9310	-0.0015869	-2.2562	17.278E-6
21.00000	42.00000	-8.50000	-15.710	-8.9310	-0.0016741	-2.2951	17.573E-6
22.00000	42.00000	-8.50000	-15.767	-8.9310	-0.0017622	-2.3305	17.841E-6
23.00000	42.00000	-8.50000	-15.795	-8.9310	-0.0018469	-2.3609	18.072E-6
24.00000	42.00000	-8.50000	-15.789	-8.9310	-0.0019239	-2.3850	18.253E-6
25.00000	42.00000	-8.50000	-15.748	-8.9310	-0.0019894	-2.4011	18.374E-6
26.00000	42.00000	-8.50000	-15.669	-8.9310	-0.0020405	-2.4083	18.427E-6
27.00000	42.00000	-8.50000	-15.552	-8.9310	-0.0020751	-2.4056	18.404E-6
28.00000	42.00000	-8.50000	-15.394	-8.9310	-0.0020922	-2.3922	18.301E-6
29.00000	42.00000	-8.50000	-15.196	-8.9310	-0.0020911	-2.3679	18.114E-6
30.00000	42.00000	-8.50000	-14.958	-8.9310	-0.0020717	-2.3324	17.840E-6
31.00000	42.00000	-8.50000	-14.680	-8.9310	-0.0020337	-2.2857	17.484E-6
32.00000	42.00000	-8.50000	-14.364	-8.9310	-0.0019769	-2.2280	17.043E-6
33.00000	42.00000	-8.50000	-14.012	-8.9310	-0.0019015	-2.1596	16.521E-6
34.00000	42.00000	-8.50000	-13.627	-8.9310	-0.0018077	-2.0813	15.923E-6
35.00000	42.00000	-8.50000	-13.212	-8.9310	-0.0016970	-1.9941	15.257E-6
36.00000	42.00000	-8.50000	-12.771	-8.9310	-0.0015716	-1.8993	14.534E-6
37.00000	42.00000	-8.50000	-12.310	-8.9310	-0.0014349	-1.7986	13.760E-6
38.00000	42.00000	-8.50000	-11.832	-8.9310	-0.0012916	-1.6940	12.968E-6
39.00000	42.00000	-8.50000	-11.344	-8.9310	-0.0011470	-1.5877	12.157E-6
40.00000	42.00000	-8.50000	-10.850	-8.9310	-0.0010081	-1.4818	11.349E-6
41.00000	42.00000	-8.50000	-10.356	-8.9310	-873.41E-6	-1.3782	10.559E-6
42.00000	42.00000	-8.50000	-9.8671	-8.9310	-751.99E-6	-1.2785	9.7976E-6
43.00000	42.00000	-8.50000	-9.3860	-8.9310	-643.62E-6	-1.1838	9.0743E-6
44.00000	42.00000	-8.50000	-8.9162	-8.9310	-548.79E-6	-1.0949	8.3948E-6
45.00000	42.00000	-8.50000	-8.4602	-8.9310	-467.07E-6	-1.0121	7.7620E-6
46.00000	42.00000	-8.50000	-8.0197	-8.9310	-397.41E-6	-0.93557	7.1767E-6
47.00000	42.00000	-8.50000	-7.5959	-8.9310	-338.47E-6	-0.86515	6.6378E-6
48.00000	42.00000	-8.50000	-7.1896	-8.9310	-288.82E-6	-0.80057	6.1435E-6
49.00000	42.00000	-8.50000	-6.8012	-8.9310	-247.10E-6	-0.74148	5.6909E-6
50.00000	42.00000	-8.50000	-6.4308	-8.9310	-212.04E-6	-0.68747	5.2772E-6
51.00000	42.00000	-8.50000	-6.0778	-8.9310	-182.57E-6	-0.63814	4.8924E-6
52.00000	42.00000	-8.50000	-5.7423	-8.9310	-157.74E-6	-0.59307	4.5537E-6
53.00000	42.00000	-8.50000	-5.4238	-8.9310	-136.77E-6	-0.55188	4.2379E-6
54.00000	42.00000	-8.50000	-5.1216	-8.9310	-119.02E-6	-0.51421	3.9491E-6
55.00000	42.00000	-8.50000	-4.8352	-8.9310	-103.93E-6	-0.47973	3.6846E-6
56.00000	42.00000	-8.50000	-4.5640	-8.9310	-91.059E-6	-0.44813	3.4421E-6
57.00000	42.00000	-8.50000	-4.3072	-8.9310	-80.049E-6	-0.42196	3.2194E-6
58.00000	42.00000	-8.50000	-4.0643	-8.9310	-70.596E-6	-0.39249	3.0152E-6
59.00000	42.00000	-8.50000	-3.8345	-8.9310	-62.450E-6	-0.36798	2.8271E-6
60.00000	42.00000	-8.50000	-3.6172	-8.9310	-55.406E-6	-0.34540	2.6538E-6
61.00000	42.00000	-8.50000	-3.4187	-8.9310	-49.711E-6	-0.32540	2.4941E-6
-19.00000	43.00000	-8.50000	-3.6156	-8.9310	-55.499E-6	-0.34525	2.6526E-6
-18.00000	43.00000	-8.50000	-3.8227	-8.9310	-62.068E-6	-0.36657	2.8162E-6
-17.00000	43.00000	-8.50000	-4.0403	-8.9310	-69.531E-6	-0.38947	2.9921E-6
-16.00000	43.00000	-8.50000	-4.2688	-8.9310	-78.016E-6	-0.41409	3.1810E-6
-15.00000	43.00000	-8.50000	-4.5084	-8.9310	-87.668E-6	-0.44054	3.3839E-6
-14.00000	43.00000	-8.50000	-4.7593	-8.9310	-98.647E-6	-0.46894	3.6018E-6
-13.00000	43.00000	-8.50000	-5.0218	-8.9310	-111.13E-6	-0.49941	3.8356E-6
-12.00000	43.00000	-8.50000	-5.2958	-8.9310	-125.31E-6	-0.53207	4.0861E-6
-11.00000	43.00000	-8.50000	-5.5815	-8.9310	-141.37E-6	-0.56703	4.3542E-6
-10.00000	43.00000	-8.50000	-5.8786	-8.9310	-159.54E-6	-0.60452	4.6405E-6
-9.00000	43.00000	-8.50000	-6.1869	-8.9310	-180.00E-6	-0.64415	4.9455E-6
-8.00000	43.00000	-8.50000	-6.5059	-8.9310	-202.91E-6	-0.68640	5.2694E-6
-7.00000	43.00000	-8.50000	-6.8351	-8.9310	-228.43E-6	-0.73111	5.6121E-6
-6.00000	43.00000	-8.50000	-7.1736	-8.9310	-256.61E-6	-0.77821	5.9743E-6
-5.00000	43.00000	-8.50000	-7.5204	-8.9310	-287.44E-6	-0.82755	6.3511E-6
-4.00000	43.00000	-8.50000	-7.8742	-8.9310	-320.80E-6	-0.87894	6.7447E-6
-3.00000	43.00000	-8.50000	-8.2336	-8.9310	-356.43E-6	-0.93210	7.1509E-6
-2.00000	43.00000	-8.50000	-8.5969	-8.9310	-394.01E-6	-0.98667	7.5698E-6
-1.00000	43.00000	-8.50000	-8.9622	-8.9310	-432.99E-6	-1.0422	7.9954E-6
0.00000	43.00000	-8.50000	-9.3276	-8.9310	-472.83E-6	-1.0984	8.4252E-6
1.00000	43.00000	-8.50000	-9.6911	-8.9310	-512.89E-6	-1.1566	8.8596E-6
2.00000	43.00000	-8.50000	-10.051	-8.9310	-552.59E-6	-1.2104	9.2831E-6
3.00000	43.00000	-8.50000	-10.405	-8.9310	-591.37E-6	-1.2654	9.7042E-6
4.00000	43.00000	-8.50000	-10.751	-8.9310	-628.80E-6	-1.3192	10.116E-6
5.00000	43.00000	-8.50000	-11.087	-8.9310	-664.61E-6	-1.3714	10.516E-6
6.00000	43.00000	-8.50000	-11.413	-8.9310	-698.66E-6	-1.4219	10.903E-6
7.00000	43.00000	-8.50000	-11.727	-8.9310	-730.99E-6	-1.4708	11.276E-6
8.00000	43.00000	-8.50000	-12.027	-8.9310	-761.78E-6	-1.5173	11.633E-6
9.00000	43.00000	-8.50000	-12.313	-8.9310	-791.38E-6	-1.5620	11.976E-6
10.00000	43.00000	-8.50000	-12.585	-8.9310	-820.23E-6	-1.6049	12.305E-6
11.00000	43.00000	-8.50000	-12.841	-8.9310	-848.89E-6	-1.6462	12.621E-6
12.00000	43.00000	-8.50000	-13.081	-8.9310	-878.05E-6	-1.6859	12.925E-6
13.00000	43.00000	-8.50000	-13.305	-8.9310	-908.42E-6	-1.7244	13.220E-6
14.00000	43.00000	-8.50000	-13.512	-8.9310	-940.80E-6	-1.7618	13.505E-6
15.00000	43.00000	-8.50000	-13.702	-8.9310	-975.99E-6	-1.7982	13.784E-6
16.00000	43.00000	-8.50000	-13.874	-8.9310	-0.0010147	-1.8339	14.057E-6
17.00000	43.00000	-8.50000	-14.028	-8.9310	-0.0010574	-1.8687	14.323E-6
18.00000	43.00000	-8.50000	-14.163	-8.9310	-0.0011044	-1.9027	14.582E-6
19.00000	43.00000	-8.50000	-14.277	-8.9310	-0.0011553	-1.9354	14.831E-6
20.00000	43.00000	-8.50000	-14.370	-8.9310	-0.0012094	-1.9663	15.066E-6
21.00000	43.00000	-8.50000	-14.439	-8.9310	-0.0012651	-1.9948	15.283E-6
22.00000	43.00000	-8.50000	-14.482	-8.9310	-0.0013204	-2.0200	15.474E-6
23.00000	43.00000	-8.50000	-14.497	-8.9310	-0.0013730	-2.0409	15.632E-6
24.00000	43.00000	-8.50000	-14.484	-8.9310	-0.0014204	-2.0565	15.750E-6
25.00000	43.00000	-8.50000	-14.438	-8.9310	-0.0014603	-2.0659	15.829E-6
26.00000	43.00000	-8.50000	-14.361	-8.9310	-0.0014909	-2.0682	15.836E-6

Oasys

73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		
	X [m]	Y [m]				Vert Stress [kN/m²]	Sum Princ [kN/m²]	Vert Strain [-]
33.00000	45.00000	-8.50000	-10.917	-8.9310	-776.82E-6	-1.4062	10.779E-6	
34.00000	45.00000	-8.50000	-10.647	-8.9310	-742.71E-6	-1.3627	10.446E-6	
35.00000	45.00000	-8.50000	-10.359	-8.9310	-703.83E-6	-1.3152	10.082E-6	
36.00000	45.00000	-8.50000	-10.055	-8.9310	-660.97E-6	-1.2643	9.6922E-6	
37.00000	45.00000	-8.50000	-9.7366	-8.9310	-615.09E-6	-1.2106	9.2814E-6	
38.00000	45.00000	-8.50000	-9.4068	-8.9310	-567.29E-6	-1.1549	8.8555E-6	
39.00000	45.00000	-8.50000	-9.0690	-8.9310	-518.74E-6	-1.0980	8.4206E-6	
40.00000	45.00000	-8.50000	-8.7258	-8.9310	-470.58E-6	-1.0408	7.9825E-6	
41.00000	45.00000	-8.50000	-8.3799	-8.9310	-423.86E-6	-0.98389	7.5471E-6	
42.00000	45.00000	-8.50000	-8.0338	-8.9310	-379.43E-6	-0.92797	7.1191E-6	
43.00000	45.00000	-8.50000	-7.6899	-8.9310	-337.93E-6	-0.87360	6.7028E-6	
44.00000	45.00000	-8.50000	-7.3503	-8.9310	-299.75E-6	-0.82120	6.3016E-6	
45.00000	45.00000	-8.50000	-7.0166	-8.9310	-265.09E-6	-0.77110	5.9179E-6	
46.00000	45.00000	-8.50000	-6.6904	-8.9310	-233.97E-6	-0.72351	5.5534E-6	
47.00000	45.00000	-8.50000	-6.3728	-8.9310	-206.25E-6	-0.67855	5.2089E-6	
48.00000	45.00000	-8.50000	-6.0648	-8.9310	-181.73E-6	-0.63625	4.8847E-6	
49.00000	45.00000	-8.50000	-5.7668	-8.9310	-160.16E-6	-0.59660	4.5808E-6	
50.00000	45.00000	-8.50000	-5.4796	-8.9310	-141.24E-6	-0.55953	4.2965E-6	
51.00000	45.00000	-8.50000	-5.2033	-8.9310	-124.68E-6	-0.52494	4.0313E-6	
52.00000	45.00000	-8.50000	-4.9380	-8.9310	-110.22E-6	-0.49272	3.7841E-6	
53.00000	45.00000	-8.50000	-4.6838	-8.9310	-97.591E-6	-0.46272	3.5541E-6	
54.00000	45.00000	-8.50000	-4.4406	-8.9310	-86.561E-6	-0.43483	3.3401E-6	
55.00000	45.00000	-8.50000	-4.2083	-8.9310	-76.922E-6	-0.40889	3.1410E-6	
56.00000	45.00000	-8.50000	-3.9865	-8.9310	-68.490E-6	-0.38478	2.9560E-6	
57.00000	45.00000	-8.50000	-3.7751	-8.9310	-61.104E-6	-0.36236	2.7839E-6	
58.00000	45.00000	-8.50000	-3.5737	-8.9310	-54.623E-6	-0.34150	2.6238E-6	
59.00000	45.00000	-8.50000	-3.3821	-8.9310	-48.929E-6	-0.32209	2.4748E-6	
60.00000	45.00000	-8.50000	-3.1998	-8.9310	-43.915E-6	-0.30403	2.3361E-6	
-20.00000	46.00000	-8.50000	-3.0043	-8.9310	-38.651E-6	-0.28870	2.1877E-6	
-19.00000	46.00000	-8.50000	-2.8181	-8.9310	-34.640E-6	-0.27038	2.0811E-6	
-18.00000	46.00000	-8.50000	-2.6394	-8.9310	-30.855E-6	-0.25370	1.9846E-6	
-17.00000	46.00000	-8.50000	-2.4584	-8.9310	-27.307E-6	-0.23868	1.8999E-6	
-16.00000	46.00000	-8.50000	-2.2852	-8.9310	-23.900E-6	-0.22529	1.8262E-6	
-15.00000	46.00000	-8.50000	-2.1198	-8.9310	-20.632E-6	-0.21351	1.7633E-6	
-14.00000	46.00000	-8.50000	-1.9623	-8.9310	-17.505E-6	-0.20322	1.7104E-6	
-13.00000	46.00000	-8.50000	-1.8126	-8.9310	-14.518E-6	-0.19432	1.6675E-6	
-12.00000	46.00000	-8.50000	-1.6706	-8.9310	-11.670E-6	-0.18681	1.6346E-6	
-11.00000	46.00000	-8.50000	-1.5362	-8.9310	-8.952E-6	-0.18068	1.6117E-6	
-10.00000	46.00000	-8.50000	-1.4094	-8.9310	-6.464E-6	-0.17589	1.5988E-6	
-9.00000	46.00000	-8.50000	-1.2902	-8.9310	-4.206E-6	-0.17234	1.5953E-6	
-8.00000	46.00000	-8.50000	-1.1785	-8.9310	-2.178E-6	-0.16992	1.6012E-6	
-7.00000	46.00000	-8.50000	-1.0743	-8.9310	-0.380E-6	-0.16863	1.6164E-6	
-6.00000	46.00000	-8.50000	-0.9775	-8.9310	0.156E-6	-0.16845	1.6408E-6	
-5.00000	46.00000	-8.50000	-0.8880	-8.9310	0.517E-6	-0.16937	1.6744E-6	
-4.00000	46.00000	-8.50000	-0.8058	-8.9310	0.880E-6	-0.17148	1.7172E-6	
-3.00000	46.00000	-8.50000	-0.7309	-8.9310	1.244E-6	-0.17478	1.7692E-6	
-2.00000	46.00000	-8.50000	-0.6632	-8.9310	1.609E-6	-0.17925	1.8304E-6	
-1.00000	46.00000	-8.50000	-0.6027	-8.9310	1.974E-6	-0.18487	1.9008E-6	
0.00000	46.00000	-8.50000	-0.5483	-8.9310	2.339E-6	-0.19160	1.9804E-6	
1.00000	46.00000	-8.50000	-0.4999	-8.9310	2.704E-6	-0.19944	2.0692E-6	
2.00000	46.00000	-8.50000	-0.4574	-8.9310	3.069E-6	-0.20838	2.1672E-6	
3.00000	46.00000	-8.50000	-0.4208	-8.9310	3.434E-6	-0.21841	2.2744E-6	
4.00000	46.00000	-8.50000	-0.3899	-8.9310	3.799E-6	-0.22953	2.3908E-6	
5.00000	46.00000	-8.50000	-0.3646	-8.9310	4.164E-6	-0.24174	2.5164E-6	
6.00000	46.00000	-8.50000	-0.3449	-8.9310	4.529E-6	-0.25503	2.6512E-6	
7.00000	46.00000	-8.50000	-0.3307	-8.9310	4.894E-6	-0.26940	2.7952E-6	
8.00000	46.00000	-8.50000	-0.3210	-8.9310	5.259E-6	-0.28484	2.9484E-6	
9.00000	46.00000	-8.50000	-0.3158	-8.9310	5.624E-6	-0.30134	3.1108E-6	
10.00000	46.00000	-8.50000	-0.3141	-8.9310	5.989E-6	-0.31889	3.2824E-6	
11.00000	46.00000	-8.50000	-0.3158	-8.9310	6.354E-6	-0.33750	3.4632E-6	
12.00000	46.00000	-8.50000	-0.3209	-8.9310	6.719E-6	-0.35717	3.6532E-6	
13.00000	46.00000	-8.50000	-0.3293	-8.9310	7.084E-6	-0.37790	3.8524E-6	
14.00000	46.00000	-8.50000	-0.3409	-8.9310	7.449E-6	-0.39968	4.0608E-6	
15.00000	46.00000	-8.50000	-0.3557	-8.9310	7.814E-6	-0.42251	4.2784E-6	
16.00000	46.00000	-8.50000	-0.3737	-8.9310	8.179E-6	-0.44638	4.5052E-6	
17.00000	46.00000	-8.50000	-0.3949	-8.9310	8.544E-6	-0.47129	4.7412E-6	
18.00000	46.00000	-8.50000	-0.4194	-8.9310	8.909E-6	-0.49724	4.9864E-6	
19.00000	46.00000	-8.50000	-0.4472	-8.9310	9.274E-6	-0.52423	5.2408E-6	
20.00000	46.00000	-8.50000	-0.4784	-8.9310	9.639E-6	-0.55225	5.5044E-6	
21.00000	46.00000	-8.50000	-0.5129	-8.9310	1.0004E-5	-0.58130	5.7772E-6	
22.00000	46.00000	-8.50000	-0.5507	-8.9310	1.0369E-5	-0.61138	6.0592E-6	
23.00000	46.00000	-8.50000	-0.5919	-8.9310	1.0734E-5	-0.64250	6.3504E-6	
24.00000	46.00000	-8.50000	-0.6365	-8.9310	1.1099E-5	-0.67465	6.6508E-6	
25.00000	46.00000	-8.50000	-0.6846	-8.9310	1.1464E-5	-0.70783	6.9604E-6	
26.00000	46.00000	-8.50000	-0.7362	-8.9310	1.1829E-5	-0.74204	7.2792E-6	
27.00000	46.00000	-8.50000	-0.7913	-8.9310	1.2194E-5	-0.77728	7.6072E-6	
28.00000	46.00000	-8.50000	-0.8500	-8.9310	1.2559E-5	-0.81356	7.9444E-6	
29.00000	46.00000	-8.50000	-0.9122	-8.9310	1.2924E-5	-0.85088	8.2908E-6	
30.00000	46.00000	-8.50000	-0.9780	-8.9310	1.3289E-5	-0.88924	8.6464E-6	
31.00000	46.00000	-8.50000	-1.0474	-8.9310	1.3654E-5	-0.92864	9.0112E-6	
32.00000	46.00000	-8.50000	-1.1204	-8.9310	1.4019E-5	-0.96908	9.3852E-6	
33.00000	46.00000	-8.50000	-1.1969	-8.9310	1.4384E-5	-0.10134	9.7684E-6	
34.00000	46.00000	-8.50000	-1.2769	-8.9310	1.4749E-5	-0.10364	1.0160E-5	
35.00000	46.00000	-8.50000	-1.3604	-8.9310	1.5114E-5	-0.10594	1.0556E-5	
36.00000	46.00000	-8.50000	-1.4474	-8.9310	1.5479E-5	-0.10824	1.0952E-5	
37.00000	46.00000	-8.50000	-1.5379	-8.9310	1.5844E-5	-0.11054	1.1348E-5	
38.00000	46.00000	-8.50000	-1.6319	-8.9310	1.6209E-5	-0.11284	1.1744E-5	
39.00000	46.00000	-8.50000	-1.7294	-8.9310	1.6574E-5	-0.11514	1.2140E-5	
40.00000	46.00000	-8.50000	-1.8304	-8.9310	1.6939E-5	-0.11744	1.2536E-5	
41.00000	46.00000	-8.50000	-1.9349	-8.9310	1.7304E-5	-0.11974	1.2932E-5	
42.00000	46.00000	-8.50000	-2.0429	-8.9310	1.7669E-5	-0.12204	1.3328E-5	
43.00000	46.00000	-8.50000	-2.1544	-8.9310	1.8034E-5	-0.12434	1.3724E-5	
44.00000	46.00000	-8.50000	-2.2694	-8.9310	1.8399E-5	-0.12664	1.4120E-5	
45.00000	46.00000	-8.50000	-2.3879	-8.9310	1.8764E-5	-0.12894	1.4516E-5	
46.00000	46.00000	-8.50000	-2.5099	-8.9310	1.9129E-5	-0.13124	1.4912E-5	
47.00000	46.00000	-8.50000	-2.6354	-8.9310	1.9494E-5	-0.13354	1.5308E-5	
48.00000	46.00000	-8.50000	-2.7644	-8.9310	1.9859E-5	-0.13584	1.5704E-5	
49.00000	46.00000	-8.50000	-2.8969	-8.9310	2.0224E-5	-0.13814	1.6100E-5	
50.00000	46.00000	-8.50000	-3.					



73-75 Avenue Road, NW8

Total Heave

Name	Location		Z [Level] [mOD]	Z [mm]	Calc Level [mOD]	Stresses		Vert Strain [-]
	X [m]	Y [m]				Sum Stress [kN/m²]	Sum Princ [kN/m²]	
-9.00000	49.00000	-8.50000	-4.4151	-8.9310	-78.999E-6	-0.42552	3.2689E-6	
-8.00000	49.00000	-8.50000	-4.6076	-8.9310	-85.895E-6	-0.44607	3.4265E-6	
-7.00000	49.00000	-8.50000	-4.8038	-8.9310	-93.233E-6	-0.46729	3.5894E-6	
-6.00000	49.00000	-8.50000	-5.0032	-8.9310	-101.00E-6	-0.48912	3.7570E-6	
-5.00000	49.00000	-8.50000	-5.2051	-8.9310	-109.17E-6	-0.51152	3.9288E-6	
-4.00000	49.00000	-8.50000	-5.4091	-8.9310	-117.70E-6	-0.53438	4.1042E-6	
-3.00000	49.00000	-8.50000	-5.6143	-8.9310	-126.56E-6	-0.55763	4.2826E-6	
-2.00000	49.00000	-8.50000	-5.8200	-8.9310	-135.68E-6	-0.58117	4.4632E-6	
-1.00000	49.00000	-8.50000	-6.0256	-8.9310	-145.01E-6	-0.60488	4.6452E-6	
0.00000	49.00000	-8.50000	-6.2301	-8.9310	-154.47E-6	-0.62866	4.8276E-6	
1.00000	49.00000	-8.50000	-6.4327	-8.9310	-164.01E-6	-0.65238	5.0096E-6	
2.00000	49.00000	-8.50000	-6.6326	-8.9310	-173.55E-6	-0.67594	5.1903E-6	
3.00000	49.00000	-8.50000	-6.8290	-8.9310	-183.04E-6	-0.69921	5.3689E-6	
4.00000	49.00000	-8.50000	-7.0210	-8.9310	-192.42E-6	-0.72210	5.5444E-6	
5.00000	49.00000	-8.50000	-7.2079	-8.9310	-201.66E-6	-0.74450	5.7162E-6	
6.00000	49.00000	-8.50000	-7.3888	-8.9310	-210.71E-6	-0.76631	5.8836E-6	
7.00000	49.00000	-8.50000	-7.5632	-8.9310	-219.56E-6	-0.78747	6.0459E-6	
8.00000	49.00000	-8.50000	-7.7302	-8.9310	-228.21E-6	-0.80790	6.2026E-6	
9.00000	49.00000	-8.50000	-7.8892	-8.9310	-236.66E-6	-0.82754	6.3533E-6	
10.00000	49.00000	-8.50000	-8.0396	-8.9310	-244.92E-6	-0.84634	6.4975E-6	
11.00000	49.00000	-8.50000	-8.1809	-8.9310	-253.03E-6	-0.86426	6.6349E-6	
12.00000	49.00000	-8.50000	-8.3124	-8.9310	-260.99E-6	-0.88125	6.7652E-6	
13.00000	49.00000	-8.50000	-8.4337	-8.9310	-268.80E-6	-0.89726	6.8880E-6	
14.00000	49.00000	-8.50000	-8.5443	-8.9310	-276.61E-6	-0.91226	7.0030E-6	
15.00000	49.00000	-8.50000	-8.6435	-8.9310	-284.29E-6	-0.92620	7.1098E-6	
16.00000	49.00000	-8.50000	-8.7310	-8.9310	-291.86E-6	-0.93900	7.2079E-6	
17.00000	49.00000	-8.50000	-8.8063	-8.9310	-299.31E-6	-0.95060	7.2968E-6	
18.00000	49.00000	-8.50000	-8.8687	-8.9310	-306.58E-6	-0.96091	7.3758E-6	
19.00000	49.00000	-8.50000	-8.9178	-8.9310	-313.58E-6	-0.96983	7.4440E-6	
20.00000	49.00000	-8.50000	-8.9532	-8.9310	-320.20E-6	-0.97725	7.5007E-6	
21.00000	49.00000	-8.50000	-8.9742	-8.9310	-326.31E-6	-0.98303	7.5449E-6	
22.00000	49.00000	-8.50000	-8.9805	-8.9310	-331.75E-6	-0.98704	7.5755E-6	
23.00000	49.00000	-8.50000	-8.9716	-8.9310	-336.33E-6	-0.98915	7.5915E-6	
24.00000	49.00000	-8.50000	-8.9472	-8.9310	-339.95E-6	-0.98922	7.5919E-6	
25.00000	49.00000	-8.50000	-8.9070	-8.9310	-342.37E-6	-0.98713	7.5758E-6	
26.00000	49.00000	-8.50000	-8.8507	-8.9310	-343.47E-6	-0.98279	7.5423E-6	
27.00000	49.00000	-8.50000	-8.7784	-8.9310	-343.11E-6	-0.97611	7.4909E-6	
28.00000	49.00000	-8.50000	-8.6901	-8.9310	-341.19E-6	-0.96703	7.4212E-6	
29.00000	49.00000	-8.50000	-8.5860	-8.9310	-337.64E-6	-0.95553	7.3330E-6	
30.00000	49.00000	-8.50000	-8.4665	-8.9310	-332.44E-6	-0.94164	7.2251E-6	
31.00000	49.00000	-8.50000	-8.3320	-8.9310	-325.58E-6	-0.92540	7.1018E-6	
32.00000	49.00000	-8.50000	-8.1834	-8.9310	-317.10E-6	-0.90690	6.9599E-6	
33.00000	49.00000	-8.50000	-8.0213	-8.9310	-307.09E-6	-0.88629	6.8018E-6	
34.00000	49.00000	-8.50000	-7.8468	-8.9310	-295.68E-6	-0.86371	6.6287E-6	
35.00000	49.00000	-8.50000	-7.6610	-8.9310	-283.03E-6	-0.83938	6.4422E-6	
36.00000	49.00000	-8.50000	-7.4652	-8.9310	-269.33E-6	-0.81352	6.2439E-6	
37.00000	49.00000	-8.50000	-7.2605	-8.9310	-254.80E-6	-0.78639	6.0359E-6	
38.00000	49.00000	-8.50000	-7.0484	-8.9310	-239.70E-6	-0.75825	5.8203E-6	
39.00000	49.00000	-8.50000	-6.8304	-8.9310	-224.25E-6	-0.72940	5.5991E-6	
40.00000	49.00000	-8.50000	-6.6078	-8.9310	-208.72E-6	-0.70010	5.3745E-6	
41.00000	49.00000	-8.50000	-6.3820	-8.9310	-193.34E-6	-0.67062	5.1485E-6	
42.00000	49.00000	-8.50000	-6.1544	-8.9310	-178.31E-6	-0.64121	4.9230E-6	
43.00000	49.00000	-8.50000	-5.9263	-8.9310	-163.80E-6	-0.61211	4.6999E-6	
44.00000	49.00000	-8.50000	-5.6987	-8.9310	-149.96E-6	-0.58350	4.4805E-6	
45.00000	49.00000	-8.50000	-5.4729	-8.9310	-136.90E-6	-0.55557	4.2663E-6	
46.00000	49.00000	-8.50000	-5.2497	-8.9310	-124.67E-6	-0.52844	4.0582E-6	
47.00000	49.00000	-8.50000	-5.0300	-8.9310	-113.31E-6	-0.50222	3.8571E-6	
48.00000	49.00000	-8.50000	-4.8145	-8.9310	-102.84E-6	-0.47700	3.6636E-6	
49.00000	49.00000	-8.50000	-4.6039	-8.9310	-93.231E-6	-0.45283	3.4782E-6	
50.00000	49.00000	-8.50000	-4.3985	-8.9310	-84.463E-6	-0.42974	3.3010E-6	
51.00000	49.00000	-8.50000	-4.1989	-8.9310	-76.490E-6	-0.40773	3.1322E-6	
52.00000	49.00000	-8.50000	-4.0052	-8.9310	-69.264E-6	-0.38682	2.9717E-6	
53.00000	49.00000	-8.50000	-3.8178	-8.9310	-62.730E-6	-0.36698	2.8194E-6	
54.00000	49.00000	-8.50000	-3.6369	-8.9310	-56.832E-6	-0.34819	2.6751E-6	
55.00000	49.00000	-8.50000	-3.4622	-8.9310	-51.517E-6	-0.33041	2.5386E-6	
56.00000	49.00000	-8.50000	-3.2941	-8.9310	-46.731E-6	-0.31361	2.4097E-6	
57.00000	49.00000	-8.50000	-3.1325	-8.9310	-42.422E-6	-0.29775	2.2879E-6	
58.00000	49.00000	-8.50000	-2.9774	-8.9310	-38.546E-6	-0.28278	2.1729E-6	
59.00000	49.00000	-8.50000	-2.8286	-8.9310	-35.057E-6	-0.26866	2.0645E-6	
60.00000	49.00000	-8.50000	-2.6861	-8.9310	-31.916E-6	-0.25534	1.9622E-6	
20.00000	50.00000	-8.50000	-2.5051	-8.9310	-27.699E-6	-0.23815	1.8302E-6	
-19.00000	50.00000	-8.50000	-2.6324	-8.9310	-30.140E-6	-0.24963	1.9184E-6	
-18.00000	50.00000	-8.50000	-2.7647	-8.9310	-32.811E-6	-0.26171	2.0112E-6	
-17.00000	50.00000	-8.50000	-2.9020	-8.9310	-35.725E-6	-0.27439	2.1086E-6	
-16.00000	50.00000	-8.50000	-3.0443	-8.9310	-38.900E-6	-0.28770	2.2108E-6	
-15.00000	50.00000	-8.50000	-3.1915	-8.9310	-42.355E-6	-0.30165	2.3179E-6	
-14.00000	50.00000	-8.50000	-3.3436	-8.9310	-46.105E-6	-0.31625	2.4300E-6	
-13.00000	50.00000	-8.50000	-3.5004	-8.9310	-50.169E-6	-0.33151	2.5472E-6	
-12.00000	50.00000	-8.50000	-3.6619	-8.9310	-54.560E-6	-0.34743	2.6694E-6	
-11.00000	50.00000	-8.50000	-3.8278	-8.9310	-59.290E-6	-0.36400	2.7966E-6	
-10.00000	50.00000	-8.50000	-3.9979	-8.9310	-64.367E-6	-0.38121	2.9287E-6	
-9.00000	50.00000	-8.50000	-4.1718	-8.9310	-69.796E-6	-0.39904	3.0656E-6	
-8.00000	50.00000	-8.50000	-4.3493	-8.9310	-75.575E-6	-0.41746	3.2070E-6	
-7.00000	50.00000	-8.50000	-4.5299	-8.9310	-81.697E-6	-0.43643	3.3526E-6	
-6.00000	50.00000	-8.50000	-4.7131	-8.9310	-88.148E-6	-0.45591	3.5021E-6	
-5.00000	50.00000	-8.50000	-4.8985	-8.9310	-94.906E-6	-0.47584	3.6550E-6	
-4.00000	50.00000	-8.50000	-5.0854	-8.9310	-101.94E-6	-0.49614	3.8108E-6	
-3.00000	50.00000	-8.50000	-5.2733	-8.9310	-109.22E-6	-0.51674	3.9690E-6	
-2.00000	50.00000	-8.50000	-5.4615	-8.9310	-116.73E-6	-0.53756	4.1287E-6	
-1.00000	50.00000	-8.50000	-5.6494	-8.9310	-124.35E-6	-0.55851	4.2895E-6	
0.00000	50.00000	-8.50000	-5.8361	-8.9310	-132.09E-6	-0.57949	4.4505E-6	
1.00000	50.00000	-8.50000	-6.0209	-8.9310	-139.90E-6	-0.60041	4.6110E-6	
2.00000	50.00000	-8.50000	-6.2032	-8.9310	-147.71E-6	-0.62117	4.7703E-6	
3.00000	50.00000	-8.50000	-6.3822	-8.9310	-155.48E-6	-0.64167	4.9276E-6	
4.00000	50.00000	-8.50000	-6.5572	-8.9310	-163.18E-6	-0.66182	5.0822E-6	
5.00000	50.00000	-8.50000	-6.7273	-8.9310	-170.77E-6	-0.68154	5.2335E-6	
6.00000	50.00000	-8.50000	-6.8921	-8.9310	-178.22E-6	-0.70075	5.3809E-6	
7.00000	50.00000	-8.50000	-7.0507	-8.9310	-185.51E-6	-0.71938	5.5239E-6	
8.00000	50.00000</							

Problem Type
Problem Type : Tunnelling and Embedded Wall Excavations

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



73-75 Avenue Road

Combined Movements

Side	Corner 1 x [m]	Corner 1 y [m]	Corner 2 x [m]	Corner 2 y [m]	Vertical	Ground Movement	Curve	Horizontal
2	22.000	16.000	22.000	29.000	No vertical	Installation of contiguous	Installation of contiguous	No horizontal
3	22.000	29.000	0.0	29.000	Installation of contiguous	bored pile wall in stiff clay	Installation of contiguous	bored pile wall in stiff clay
4	0.0	29.000	0.0	16.000	Installation of contiguous	bored pile wall in stiff clay	Installation of contiguous	bored pile wall in stiff clay

Excavation Name: No 75 (Area 3) - Pile Installation
Surface level [m]: 0.0
Contribution: Positive
Enabled: Yes
Surface movement curves which are selected are applied between surface and [m]: -12.000

Corner	x	y	Base Level	Stiffened	Previous Side			Next Side		
					d	p1	p2*	d	p1	p2*
	[m]	[m]	[m]		[m]	[°]	[°]	[m]	[°]	[°]
1	22.000	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	38.000	16.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	38.000	32.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	22.000	32.000	-12.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1 x [m]	Corner 1 y [m]	Corner 2 x [m]	Corner 2 y [m]	Vertical	Ground Movement	Curve	Horizontal
1	22.000	16.000	38.000	16.000	No vertical	Installation of contiguous	Installation of contiguous	No horizontal
2	38.000	16.000	38.000	32.000	Installation of contiguous	bored pile wall in stiff clay	Installation of contiguous	bored pile wall in stiff clay
3	38.000	32.000	22.000	32.000	Installation of contiguous	bored pile wall in stiff clay	Installation of contiguous	bored pile wall in stiff clay
4	22.000	32.000	22.000	16.000	No vertical	Installation of contiguous	Installation of contiguous	No horizontal

Damage Category Strains

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

Specific Structures - Geometry

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

Specific Structures - Bending Parameters

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



73-75 Avenue Road

Combined Movements

Structure Name	Sub-Structure Name	Height	Default Properties	Hogging			Sagging		
				2nd Moment of Area	Distance of Bending	Distance of N.A.	2nd Moment of Area	Distance of Bending	Distance of N.A.
Building Segment Combinations									
Structure Name	Sub-Structure Name	Vertical Offset from Line for Vertical Movement Calculations	Segment Start	Length	Curvature	Combined Segment			
No structures have segments combined.				[m]	[m]		[m]		

Warnings

- Multiple excavations have been specified. The displacements resulting from these excavations are calculated by summing the displacements resulting from each individual excavation. No account has been taken of the interactions between excavations (e.g. overlapping zones of influence or 'shielding' of one excavation by another).
- Embedded Wall Excavation PE1 : No 73 (Area 1) intersects PE2 : No 75 (Area 2), , PE3 : No 75 (Area 3), , PE5 : No 75 (Area 2) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.
- Embedded Wall Excavation PE2 : No 75 (Area 2) intersects PE1 : No 73 (Area 1), , PE3 : No 75 (Area 3), , PE4 : No 73 (Area 1) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.
- Embedded Wall Excavation PE3 : No 75 (Area 3) intersects PE1 : No 73 (Area 1), , PE2 : No 75 (Area 2), , PE4 : No 73 (Area 1) - Pile Installation, and PE5 : No 75 (Area 2) - Pile Installation.
- Embedded Wall Excavation PE4 : No 73 (Area 1) - Pile Installation intersects PE2 : No 75 (Area 2), , PE3 : No 75 (Area 3), , PE5 : No 75 (Area 2) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.
- Embedded Wall Excavation PE5 : No 75 (Area 2) - Pile Installation intersects PE1 : No 73 (Area 1), , PE3 : No 75 (Area 3), , PE4 : No 73 (Area 1) - Pile Installation, and PE6 : No 75 (Area 3) - Pile Installation.
- Embedded Wall Excavation PE6 : No 75 (Area 3) - Pile Installation intersects PE1 : No 73 (Area 1), , PE2 : No 75 (Area 2), , PE3 : No 75 (Area 3), , PE4 : No 73 (Area 1) - Pile Installation, and PE5 : No 75 (Area 2) - Pile Installation.

Displacement and Strain Results

Type/No.	Coordinates				Displacements			Angle of Line			
Name	Dist.	x	y	z	x	y	z	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line	to x Axis	
	[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	Line to Line	[mm]	[°]	
Line 1	Line 1	-8.50000	-6.00000	-1.00000	4.6767	3.0056	-1.1495	2.9236	-4.7888	3.00203	
	2.0541	-8.57895	-3.94737	-1.00000	5.6708	2.5753	4.7882	2.3555	-5.7656	92.203	
	4.1083	-8.65789	-1.89474	-1.00000	6.5929	1.7970	5.4052	1.5423	-6.6571	92.203	
	6.1624	-8.73684	0.15789	-1.00000	10.580	0.83805	8.5792	0.43081	-10.604	92.203	
	8.2166	-8.81579	2.21053	-1.00000	10.744	1.0533	8.7955	0.63955	-12.203	92.203	
	10.271	-8.89474	4.26316	-1.00000	10.998	1.2861	9.0769	0.86241	-11.039	92.203	
	12.325	-8.97368	6.31579	-1.00000	11.380	1.5144	9.4322	1.0759	-11.430	92.203	
	14.379	-9.05263	8.36842	-1.00000	12.068	1.8025	10.004	1.2371	-12.228	92.203	
	16.433	-9.13158	10.42105	-1.00000	13.142	1.9914	10.798	1.4848	-13.209	92.203	
	18.487	-9.21053	12.47368	-1.00000	14.553	1.8059	11.741	1.2453	-14.612	92.203	
	20.541	-9.28947	14.52632	-1.00000	16.121	1.0180	12.774	0.39763	-16.148	92.203	
	22.596	-9.36842	16.57895	-1.00000	-0.27025	1.3.617	13.617	-0.92478	-17.210	92.203	
	24.650	-9.44737	18.63158	-1.00000	16.075	-1.0838	12.788	-1.7008	-16.022	92.203	
	26.704	-9.52632	20.68421	-1.00000	14.915	-1.4614	11.978	-2.0335	-14.847	92.203	
	28.758	-9.60526	22.73684	-1.00000	13.929	-1.5063	11.254	-2.0405	-13.961	92.203	
	30.812	-9.68421	24.78947	-1.00000	13.190	-1.3699	10.649	-1.8759	-13.128	92.203	
	32.866	-9.76316	26.84211	-1.00000	12.682	-1.1866	10.169	-1.6732	-12.627	92.203	
	34.921	-9.84211	28.89474	-1.00000	12.378	-1.0851	9.8384	-1.5600	-12.327	92.203	
	36.975	-9.92105	30.94737	-1.00000	8.0475	-2.3682	6.4098	-2.4757	-17.906	92.203	
	39.029	-10.00000	33.00000	-1.00000	7.0163	-3.3740	5.7431	-3.6411	-6.8815	92.203	
Line 2	Line 2	-10.00000	33.00000	-1.00000	7.0163	-3.3740	5.7431	7.0163	-3.3740	0.0	
	2.0370	-7.96296	33.00000	-1.00000	7.2494	-4.1922	6.2743	7.2494	-4.1922	0.0	
	4.0741	-5.92593	33.00000	-1.00000	7.0909	-5.2794	6.5056	7.0909	-5.2794	0.0	
	6.1111	-3.88889	33.00000	-1.00000	6.1860	-6.7507	6.4121	6.1860	-6.7507	0.0	
	8.1481	-1.85185	33.00000	-1.00000	4.5475	-10.046	7.2906	4.5475	-10.046	0.0	
	10.185	0.18519	33.00000	-1.00000	0.80956	-25.968	15.924	0.80956	-25.968	0.0	
	12.222	2.22222	33.00000	-1.00000	0.89093	-25.809	15.739	0.89093	-25.809	0.0	
	14.259	4.25926	33.00000	-1.00000	0.89644	-25.869	15.695	0.89644	-25.869	0.0	
	16.296	6.29630	33.00000	-1.00000	0.90858	-25.930	15.649	0.90858	-25.930	0.0	
	18.333	8.33333	33.00000	-1.00000	0.92327	-25.991	15.603	0.92327	-25.991	0.0	
	20.370	10.37037	33.00000	-1.00000	0.94226	-26.052	15.557	0.94226	-26.052	0.0	
	22.407	12.40741	33.00000	-1.00000	0.96869	-26.115	15.515	0.96869	-26.115	0.0	
	24.444	14.44444	33.00000	-1.00000	1.0089	-26.181	15.483	1.0089	-26.181	0.0	
	26.481	16.48148	33.00000	-1.00000	1.0781	-26.257	15.478	1.0781	-26.257	0.0	
	28.519	18.51852	33.00000	-1.00000	1.2204	-26.373	15.548	1.2204	-26.373	0.0	
	30.556	20.55556	33.00000	-1.00000	1.3869	-26.801	15.955	1.3869	-26.801	0.0	
	32.593	22.59259	33.00000	-1.00000	-0.31771	-24.803	15.565	-0.31771	-24.803	0.0	
	34.630	24.62963	33.00000	-1.00000	-1.8105	-20.574	13.177	-1.8105	-20.574	0.0	
	36.667	26.66667	33.00000	-1.00000	-1.2828	-18.357	11.718	-1.2828	-18.357	0.0	
	38.704	28.70303	33.00000	-1.00000	-0.80211	-17.552	11.003	-0.80211	-17.552	0.0	
	40.741	30.74074	33.00000	-1.00000	-0.38419	-17.179	10.465	-0.38419	-17.179	0.0	
	42.778	32.77778	33.00000	-1.00000	-0.063364	-17.006	10.036	-0.063364	-17.006	0.0	
	44.815	34.81481	33.00000	-1.00000	0.18041	-16.930	9.6776	0.18041	-16.930	0.0	
	46.852	36.85185	33.00000	-1.00000	0.36884	-16.907	9.3691	0.36884	-16.907	0.0	
	48.889	38.88889	33.00000	-1.00000	-5.8227	-6.2460	4.8635	-5.8227	-6.2460	0.0	
	50.926	40.92593	33.00000	-1.00000	-8.7287	-3.2596	1.0170	-8.7287	-3.2596	0.0	
	52.963	42.96296	33.00000	-1.00000	-8.5845	-2.2302	6.4969	-8.5845	-2.2302	0.0	
	55.000	45.00000	33.00000	-1.00000	-8.0394	-1.7888	6.4069	-8.0394	-1.7888	0.0	
	Line 3	Line 3	46.00000	29.00000	-1.00000	-12.499	-1.1241	10.181	1.1241	-12.499	270.0
		2.1667	46.00000	29.00000	-1.00000	-12.833	-1.3890	10.546	1.3890	-12.833	270.0
		4.3333	46.00000	24.66667	-1.00000	-13.335	-1.6550	11.003	1.6550	-13.335	270.0
		6.5000	46.00000	22.50000	-1.00000	-14.264	-1.9963	11.752	1.9963	-14.264	270.0
		8.6667	46.00000	20.33333	-1.00000	-15.761	-2.1416	12.804	2.1416	-15.761	270.0
		10.8333	46.00000	18.16667	-1.00000	-17.737	-1.6061	14.074	1.6061	-17.737	270.0
		13.0000	46.00000	16.00000	-1.00000	-15.822	0.0	12.388	0.0	-15.822	270.0
		15.1667	46.00000	13.83333	-1.00000	-16.939	1.9243	13.565	-4.9611	-16.310	280.44
		17.3333	46.00000	11.66667	-1.00000	-14.998	2.0949	12.889	-4.7778	-16.071	280.44
		19.5000	46.00000	9.50000	-1.00000	-13.586	1.8685	11.246	-4.2989	-13.023	280.44
	Line 4	Line 4	46.00000	13.83333	-1.00000	-16.939	1.9243	13.565	-4.9611	-16.310	280.44
		2.1466	46.00000	11.66667	-1.00000	-14.998	2.0949	12.889	-4.7778	-16.071	280.44
4.2933		46.00000	9.50000	-1.00000	-13.586	1.8685	11.246	-4.2989	-13.023	280.44	
6.4399		47.16667	7.33333	-1.00000	-12.588	1.5424	10.412	-3.7973	-12.100	280.44	
8.5865		47.55556	5.16667	-1.00000	-11.928	1.3114	9.8187	-3.4506	-11.493	280.44	
10.7333		47.94444	3.00000	-1.00000	-11.389	0.8815	9.0004	-3.2682	-11.004	280.44	
12.8800		48.33333	0.83333	-1.00000	-10.944	0.88500	8.8117	-2.8529	-10.602	280.44	
15.0268		48.72222	-1.77778	-1.00000	-6.7263	1.7762	5.4114	-2.3654	-6.2933	280.44	
17.1733		49.11111	-3.88889	-1.00000	-5.6902	2.4707	4.6424	-2.5602	-6.0049	280.44	
19.3200		49.50000	-6.00000	-1.00000	-4.6653	2.7741	3.9057	-3.5734	-4.0856	280.44	
Line 5	Line 5	-8.50000	-6.00000	-1.00000	4.6767	3.0056	4.1495	4.6767	3.0056	0.0	
	2.0000	-6.50000	-6.00000	-1.00000	4.6333	3.5585	4.4978	4.6333	3.5585	0.0	
	4.0000	-4.50000	-6.00000	-1.00000	4.6240	4.1515	4.6235	4.6240	4.1515	0.0	
	6.0000	-2.50000	-6.00000	-1.00000	3.8803	5.3088	5.0548	3.8803	5.3088	0.0	
	8.0000	-0.50000	-6.00000	-1.00000	2.8756	6.9321	5.6788	2.8756	6.9321	0.0	
	10.0000	1.50000	-6.00000	-1.00000	0.70981	8.5178	7.7878	0.70981	8.5178	0.0	
	12.0000	3.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
	14.0000	5.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
	16.0000	7.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
	18.0000	9.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
	20.0000	11.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
	22.0000	13.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
	24.0000	15.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
	26.0000	17.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
	28.0000	19.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
	30.0000	21.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
	32.0000	23.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
	34.0000	25.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
	36.0000	27.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
	38.0000	29.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0	
40.0000	31.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0		
42.0000	33.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0		
44.0000	35.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0		
46.0000	37.50000	-6.00000	-1.00000	0.0	13.123	9.7950	0.0	13.123	0.0		
48.0000	39.50000	-6.00000	-1.00000	-1.9517	7.8772	6.0574	-1.9517	7.8772	0.0		

Type/No.	Coordinates			Displacements			Angle of				
Name	Dist.	x	y	z	x	y	z	Horizontal displacement	Horizontal displacement	to x Axis	
Line 6	50.000	41.50000	-6.00000	-1.00000	-3.5322	6.2137	5.4013	-3.5322	6.2137	0.0	
	52.000	43.50000	-6.00000	-1.00000	-4.1139	4.7215	4.7876	-4.1139	4.7215	0.0	
	54.000	45.50000	-6.00000	-1.00000	-4.5560	3.9352	4.6028	-4.5560	3.9352	0.0	
	56.000	47.50000	-6.00000	-1.00000	-4.7445	3.3226	4.3383	-4.7445	3.3226	0.0	
	58.000	49.50000	-6.00000	-1.00000	-4.6653	2.7741	3.9057	-4.6653	2.7741	0.0	
	Line 6	-10.00000	0.00000	-1.00000	6.8144	0.85561	5.4583	0.85561	-6.8144	90.000	
	2.0000	-10.00000	2.00000	-1.00000	10.112	1.0348	8.1150	1.0348	-10.112	90.000	
	4.0000	-10.00000	4.00000	-1.00000	10.409	1.2432	8.4235	1.2432	-10.409	90.000	
	6.0000	-10.00000	6.00000	-1.00000	10.813	1.4400	8.7962	1.4400	-10.813	90.000	
	8.0000	-10.00000	8.00000	-1.00000	11.523	1.7201	9.4010	1.7201	-11.523	90.000	
Line 7	10.000	-10.00000	10.00000	-1.00000	12.499	1.8760	10.144	1.8760	-12.499	90.000	
	12.000	-10.00000	12.00000	-1.00000	13.746	1.7495	11.013	1.7495	-13.746	90.000	
	Line 7	-15.00000	12.00000	-1.00000	10.375	1.0544	7.0498	1.0544	-10.375	90.000	
	2.5000	-12.50000	12.00000	-1.00000	12.157	1.3712	9.1545	1.3712	-12.157	90.000	
	5.0000	-10.00000	12.00000	-1.00000	13.746	1.7495	11.013	1.7495	-13.746	90.000	
	Line 8	-15.00000	0.00000	-1.00000	5.1334	0.79151	5.1334	0.79151	-15.0000	90.000	
	2.5000	-12.50000	0.00000	-1.00000	5.9901	0.85440	4.4039	5.9901	-2.5000	90.000	
	5.0000	-10.00000	0.00000	-1.00000	6.8144	0.85561	5.4583	6.8144	-5.0000	90.000	
	Line 9	3.0000	33.00000	36.00000	-1.00000	-0.94788	-23.886	15.031	-23.886	0.94788	90.000
	Line 10	3.0000	33.00000	36.00000	-1.00000	-0.19168	-21.351	15.805	-21.351	0.19168	90.000
Line 11	Line 10	Line 10	34.50000	33.00000	-1.00000	0.14683	-16.938	9.7293	-16.938	-0.14683	90.000
	3.0000	34.50000	36.00000	-1.00000	-0.26249	-15.030	10.922	-15.030	0.26249	90.000	
	Line 11	Line 11	22.00000	16.00000	-1.00000	0.84860	-21.288	15.232	0.84860	-21.288	90.000
	2.0833	24.08333	36.00000	-1.00000	-0.94823	-20.138	15.005	-0.94823	-20.138	0.0	
	4.1667	26.16667	36.00000	-1.00000	-1.4357	-18.000	13.615	-1.4357	-18.000	0.0	
	6.2500	28.25000	36.00000	-1.00000	-1.1785	-16.494	12.497	-1.1785	-16.494	0.0	
	8.3333	30.33333	36.00000	-1.00000	-0.84007	-15.703	11.797	-0.84007	-15.703	0.0	
	10.417	32.41667	36.00000	-1.00000	-0.54247	-15.281	11.315	-0.54247	-15.281	0.0	
	12.500	34.50000	36.00000	-1.00000	-0.26249	-15.030	10.922	-0.26249	-15.030	0.0	
	Line 12	22.00000	16.00000	-1.00000	0.84860	-21.288	15.232	0.84860	-21.288	90.000	
Line 13	2.2500	22.00000	38.25000	-1.00000	0.78241	-19.002	14.346	-0.78241	-19.002	90.000	
	4.5000	22.00000	40.50000	-1.00000	0.71621	-16.839	12.803	-16.839	-0.71621	90.000	
	6.7500	22.00000	42.75000	-1.00000	0.65001	-14.772	10.867	-14.772	-0.65001	90.000	
	9.0000	22.00000	45.00000	-1.00000	0.58381	-12.773	8.7610	-12.773	-0.58381	90.000	
	Line 13	Line 13	33.00000	36.00000	-1.00000	-0.46101	-15.197	11.196	-15.197	0.46101	90.000
	3.0000	33.00000	39.00000	-1.00000	-0.55896	-13.508	10.842	-13.508	0.55896	90.000	
	Line 14	33.00000	39.00000	-1.00000	-0.55896	-13.508	10.842	-0.55896	-13.508	90.000	
	3.0000	36.00000	39.00000	-1.00000	-0.24198	-13.113	10.379	-0.24198	-13.113	0.0	
	Line 15	Line 15	36.00000	39.00000	-1.00000	-0.24198	-13.113	10.379	-13.113	0.24198	90.000
	2.0000	36.00000	41.00000	-1.00000	-0.26535	-11.956	9.5899	-11.956	0.26535	90.000	
Line 14	4.0000	36.00000	43.00000	-1.00000	-0.26623	-10.830	8.4890	-10.830	0.26623	90.000	
	6.0000	36.00000	45.00000	-1.00000	-0.28215	-9.7535	7.2262	-0.28215	9.7535	90.000	
	8.0000	36.00000	47.00000	-1.00000	-0.28215	-9.7535	7.2262	-0.28215	9.7535	90.000	
	10.0000	36.00000	49.00000	-1.00000	-0.28215	-9.7535	7.2262	-0.28215	9.7535	90.000	
	12.0000	36.00000	51.00000	-1.00000	-0.28215	-9.7535	7.2262	-0.28215	9.7535	90.000	
	14.0000	36.00000	53.00000	-1.00000	-0.28215	-9.7535	7.2262	-0.28215	9.7535	90.000	
	16.0000	36.00000	55.00000	-1.00000	-0.28215	-9.7535	7.2262	-0.28215	9.7535	90.000	
	18.0000	36.00000	57.00000	-1.00000	-0.28215	-9.7535	7.2262	-0.28215	9.7535	90.000	
	20.0000	36.00000	59.00000	-1.00000	-0.28215	-9.7535	7.2262	-0.28215	9.7535	90.000	
	22.0000	36.00000	61.00000	-1.00000	-0.28215	-9.7535	7.2262	-0.28215	9.7535	90.000	

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[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	-10.00000	33.00000	-1.00000	5.7431
2.0370	-7.96296	33.00000	-1.00000	6.2743
4.0741	-5.92593	33.00000	-1.00000	6.9056
6.1111	-3.88889	33.00000	-1.00000	6.4121
8.1481	-1.85185	33.00000	-1.00000	7.2906
10.185	0.18519	33.00000	-1.00000	15.924
12.222	2.22222	33.00000	-1.00000	15.739
14.259	4.25926	33.00000	-1.00000	15.695
16.296	6.29630	33.00000	-1.00000	15.649
18.333	8.33333	33.00000	-1.00000	15.603
20.370	10.37037	33.00000	-1.00000	15.557
22.407	12.40741	33.00000	-1.00000	15.515
24.444	14.44444	33.00000	-1.00000	15.483
26.481	16.48148	33.00000	-1.00000	15.478
28.519	18.51852	33.00000	-1.00000	15.548
30.556	20.55556	33.00000	-1.00000	15.955
32.593	22.59259	33.00000	-1.00000	15.565
34.630	24.62963	33.00000	-1.00000	13.177
36.667	26.66667	33.00000	-1.00000	11.718
38.704	28.70370	33.00000	-1.00000	11.003
40.741	30.74074	33.00000	-1.00000	10.465
42.778	32.77778	33.00000	-1.00000	10.036
44.815	34.81481	33.00000	-1.00000	9.6776
46.852	36.85185	33.00000	-1.00000	9.3691
48.889	38.88889	33.00000	-1.00000	4.8635
50.926	40.92593	33.00000	-1.00000	6.1070
52.963	42.96296	33.00000	-1.00000	6.4969
55.000	45.00000	33.00000	-1.00000	6.4069

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Specific Building Damage Results - All Segments

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

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m] 0.0		[m]	[m]		[%]		[%]			[m]	
1	0.0	1.0614	None		0.0	-0.022788	0.0045576	227.93E-6	-310.99E-6	6327.0	0 (Negligible)
2	1.0614	3.8552	Hogging		0.020513	-0.038307	0.014213	541.38E-6	-0.0015460	6773.4	0 (Negligible)
3	4.9166	5.0771	Sagging		0.026134	-0.0053691	0.033863	541.38E-6	-0.0015460	5137.8	0 (Negligible)
4	9.9936	8.6304	Hogging		0.0051153	0.0041313	0.011527	412.82E-6	-502.79E-6	20882.1	0 (Negligible)

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Vertical Offset from Line for Vertical Movement	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement	Maximum Gradient of Vertical Displacement	Min. Radius of Curvature	Damage Category
5	18.624	7.7368	Sagging		0.021273	-0.040932	0.0094146	647.94E-6	-502.79E-6	4816.0	0 (Negligible)
6	26.361	4.7849	Hogging		0.0018022	0.0028213	0.0047225	161.99E-6	394.42E-6	32541.1	0 (Negligible)
7	31.146	4.5588	Sagging		0.020990	-0.0031333	0.027688	543.45E-6	0.0016700	5170.7	0 (Negligible)
8	35.704	3.2955	Hogging		0.031736	-0.049818	0.022039	543.45E-6	0.0016700	993.92	0 (Negligible)

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

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

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m] 0.0		[m]	[m]		[%]		[%]			[m]	
1	0.0	4.0351	Sagging		0.0036794	0.0019242	0.0071253	-114.41E-6	-260.77E-6	13558.0	0 (Negligible)
2	4.0351	5.0107	Hogging		0.059432	-0.082815	0.037661	0.0017891	-0.0042460	1766.6	0 (Negligible)
3	9.0458	5.1815	Sagging		0.073475	-0.039526	0.071096	0.0017891	-0.0042460	1702.6	1 (Very Slight)
4	14.227	2.0314	Sagging		1.3258E-6	590.54E-6	591.77E-6	-5.9565E-6	22.502E-6	122040.0	0 (Negligible)
5	16.259	0.75668	Sagging		1.8944E-6	715.27E-6	716.01E-6	-7.2152E-6	22.904E-6	6.4669E+6	0 (Negligible)
6	17.015	11.330	Hogging		792.23E-6	0.0025999	0.0038022	-69.858E-6	-34.386E-6	32855.0	0 (Negligible)
7	28.346	6.0089	Sagging		0.024409	-0.046885	0.011842	935.87E-6	0.0011733	4293.3	0 (Negligible)
8	34.355	8.5638	Hogging		0.0097851	0.018244	0.032358	733.36E-6	0.0011733	6434.3	0 (Negligible)
9	42.918	4.5165	Sagging		0.022982	-0.030038	0.011138	0.0030488	0.0022186	4115.6	0 (Negligible)
10	47.435	4.7337	Hogging		0.056159	-0.15289	0.042578	0.0030488	0.0022186	2578.9	0 (Negligible)
11	52.169	2.8315	Sagging		0.0047400	0.021237	0.026840	-267.52E-6	-191.42E-6	7238.3	0 (Negligible)

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

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

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m] 0.0		[m]	[m]		[%]		[%]			[m]	
1	0.0	7.2249	Hogging		0.0045658	0.012746	0.018911	-157.49E-6	-485.44E-6	16832.0	0 (Negligible)
2	7.2249	5.7751	Sagging		0.030939	-0.035410	0.012352	741.82E-6	778.62E-6	1250.9	0 (Negligible)

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

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

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m] 0.0		[m]	[m]		[%]		[%]			[m]	
1	0.0	8.8736	Hogging		0.0053001	0.017511	0.025237	-233.63E-6	594.19E-6	19287.0	0 (Negligible)
2	8.8736	5.2329	Sagging		0.024030	0.0093658	0.045591	-150.78E-6	0.0015841	5840.4	0 (Negligible)
3	14.107	4.0336	Hogging		0.021547	-0.014732	0.015344	230.76E-6	0.0015841	7292.8	0 (Negligible)
4	18.140	0.85985	Hogging		0.0	-0.0052519	0.0010504	52.522E-6	343.21E-6	8200.0	0 (Negligible)

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

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

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m] 0.0		[m]	[m]		[%]		[%]			[m]	
1	0.0	2.7675	Sagging		0.0022144	-0.0066191	0.0017201	182.23E-6	-174.18E-6	11272.0	0 (Negligible)
2	2.7675	7.9052	Hogging		0.011290	-0.050884	0.011161	0.0010840	-0.0017061	5250.3	0 (Negligible)
3	10.673	5.3273	Sagging		0.031765	-0.0088426	0.039141	355.03E-6	-0.0017061	3892.4	0 (Negligible)
4	16.000	26.000	None		0.0	0.0	0.0	0.0	0.0	-	0 (Negligible)
5	42.000	5.2799	Sagging		0.034327	-0.023655	0.028148	976.79E-6	0.0018706	3638.9	0 (Negligible)
6	47.280	7.0169	Hogging		0.014969	-0.047528	0.011584	976.79E-6	0.0018706	4459.2	0 (Negligible)
7	54.297	3.7032	Sagging		0.0020699	-0.0021968	0.0011094	94.270E-6	216.32E-6	21023.0	0 (Negligible)

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

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

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m] 0.0		[m]	[m]		[%]		[%]			[m]	
1	0.0	5.4978	Sagging		0.026843	0.0097304	0.030802	-104.19E-6	-0.0013282	1355.5	0 (Negligible)
2	5.4978	6.5022	Hogging		0.0029270	0.0055209	0.0069463	-140.06E-6	-434.40E-6	24026.0	0 (Negligible)

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

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

Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category
[m] 0.0		[m]	[m]		{%}	{%}	{%}			[m]	
1	0.0	5.0000	Sagging	0.0024382	0.067432	0.069194	-712.36E-6	-841.31E-6		25393.1	{Very Slight}

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

Structure: 77 Avenue Road Sub-structure: Extension - South (9)												
Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category	
[m] 0.0		[m] 1	[m] 0.0	[m] 5.0000	[%] Sagging	[%] 746.19E-6	[%] 0.033620	[%] 0.034160	-342.57E-6	-451.78E-6	[m] 82941.	0 (Negligible)
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.												
Structure: 77 Avenue Road Sub-structure: Extension - West (10)												
Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category	
[m] 0.0		[m] 1	[m] 0.0	[m] 11.500	[%] Hogging	[%] 0.014405	[%] 0.0066000	[%] 0.027424	733.36E-6	0.0011733	[m] 3770.2	0 (Negligible)
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.												
Structure: 77 Avenue Road Sub-structure: Extension - East (11)												
Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category	
[m] 0.0		[m] 1	[m] 0.0	[m] 3.0000	[%] Sagging	[%] 0.0	[%] 0.084487	[%] 0.084487	-844.16E-6	-257.54E-6	[m] -	2 (Slight)
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.												
Structure: 77 Avenue Road Sub-structure: Extension - East (11)												
Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category	
[m] 0.0		[m] 1	[m] 0.0	[m] 3.0000	[%] None	[%] 0.0	[%] 0.063606	[%] 0.063606	-635.66E-6	-397.22E-6	[m] -	1 (Very Slight)
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.												
Structure: 77 Avenue Road Sub-structure: Southern elevation (12)												
Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category	
[m] 0.0		[m] 1	[m] 0.0	[m] 4.4415	[%] Sagging	[%] 0.013408	[%] -0.050667	[%] 0.012704	863.23E-6	667.52E-6	[m] 2848.5	0 (Negligible)
		[m] 2	[m] 4.4415	[m] 8.0585	[%] Hogging	[%] 0.0054582	[%] 0.014138	[%] 0.017386	-162.40E-6	536.42E-6	[m] 13216.	0 (Negligible)
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.												
Structure: 77 Avenue Road Sub-structure: Western elevation (13)												
Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category	
[m] 0.0		[m] 1	[m] 0.0	[m] 9.0000	[%] Sagging	[%] 0.0089325	[%] 0.094610	[%] 0.10485	-0.0010149	935.23E-6	[m] 7008.8	2 (Slight)
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.												
Structure: 77 Avenue Road Sub-structure: Eastern elevation - lower (14)												
Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category	
[m] 0.0		[m] 1	[m] 0.0	[m] 3.0000	[%] None	[%] 0.0	[%] 0.056297	[%] 0.056297	-562.65E-6	118.08E-6	[m] -	1 (Very Slight)
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.												
Structure: 77 Avenue Road Sub-structure: Eastern elevation - mid (15)												
Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category	
[m] 0.0		[m] 1	[m] 0.0	[m] 3.0000	[%] None	[%] 0.0	[%] 0.010566	[%] 0.010566	-105.65E-6	154.13E-6	[m] -	0 (Negligible)
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.												
Structure: 77 Avenue Road Sub-structure: Eastern elevation - upper (16)												
Vertical Offset from Line for Vertical Movement Calculations	Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature	Damage Category	
[m] 0.0		[m] 1	[m] 0.0	[m] 5.0000	[%] Sagging	[%] 0.0043631	[%] 0.056422	[%] 0.059576	-578.17E-6	631.04E-6	[m] 11944.1	1 (Very Slight)
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.												
Specific Building Damage Results - Critical Values for All Segments within Each Sub-Structure												
Structure: Western Boundary Wall Sub-structure: Boundary Wall (1)												
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category		
[m] 0.0	[%] 0.031736	[%] -0.049818	[mm] 0.0016700	[mm] 13.611	[%] 0.033863	[%] 647.94E-6	[%] 0.0016700	[m] 993.92	[m] 4816.0	0	(Negligible)	
Structure: Northern Boundary Wall Sub-structure: Boundary Wall (2)												
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category		
[m] 0.0	[%] 0.031736	[%] -0.049818	[mm] 0.0016700	[mm] 13.611	[%] 0.033863	[%] 647.94E-6	[%] 0.0016700	[m] 993.92	[m] 4816.0	0	(Negligible)	

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
0.0	0.073475	-0.15289	-0.0042460	15.950	0.071096	0.0030488	-0.0042460	1766.6	1702.6	1 (Very Slight)
Structure: Eastern Boundary Wall Sub-structure: Boundary Wall (3)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.030939	[%] -0.035410	778.62E-6	[mm] 14.068	[%] 0.018911	741.82E-6	778.62E-6	[m] 16832.	[m] 1250.9	0 (Negligible)
Structure: Eastern Boundary Wall Sub-structure: Boundary Wall (4)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.024030	[%] 0.017511	0.0015841	[mm] 13.565	[%] 0.045591	-233.63E-6	0.0015841	[m] 7292.8	[m] 5840.4	0 (Negligible)
Structure: Southern Boundary Wall Sub-structure: Boundary Wall (5)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.034327	[%] -0.050884	0.0018706	[mm] 9.7950	[%] 0.039141	0.0010840	0.0018706	[m] 4459.2	[m] 3638.9	0 (Negligible)
Structure: 38 Queens Grove Sub-structure: Eastern elevation (6)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.026843	[%] 0.0097304	-0.0013282	[mm] 11.013	[%] 0.030802	-140.06E-6	-0.0013282	[m] 24026.	[m] 1355.5	0 (Negligible)
Structure: 38 Queens Grove Sub-structure: Northern elevation (7)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.0024382	[%] 0.067432	-841.31E-6	[mm] 11.013	[%] 0.069194	-712.36E-6	-841.31E-6	[m] -	[m] 25393.	1 (Very Slight)
Structure: 38 Queens Grove Sub-structure: Southern elevation (8)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 746.19E-6	[%] 0.033620	-451.78E-6	[mm] 5.4583	[%] 0.034160	-342.57E-6	-451.78E-6	[m] -	[m] 82941.	0 (Negligible)
Structure: 77 Avenue Road Sub-structure: Extension - South (9)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.014405	[%] 0.0066000	0.0011733	[mm] 15.087	[%] 0.027424	733.36E-6	0.0011733	[m] 3770.2	[m] -	0 (Negligible)
Structure: 77 Avenue Road Sub-structure: Extension - West (10)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.0	[%] 0.084487	-257.54E-6	[mm] 15.805	[%] 0.084487	-844.16E-6	-257.54E-6	[m] -	[m] -	2 (Slight)
Structure: 77 Avenue Road Sub-structure: Extension - East (11)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.0	[%] 0.063606	-397.22E-6	[mm] 10.922	[%] 0.063606	-635.66E-6	-397.22E-6	[m] -	[m] -	1 (Very Slight)
Structure: 77 Avenue Road Sub-structure: Southern elevation (12)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.013408	[%] -0.050667	667.52E-6	[mm] 15.232	[%] 0.017386	863.23E-6	667.52E-6	[m] 13216.	[m] 2848.5	0 (Negligible)
Structure: 77 Avenue Road Sub-structure: Western elevation (13)										
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
[m] 0.0	[%] 0.0089325	[%] 0.094610	935.23E-6	[mm] 15.232	[%] 0.10485	-0.0010149	935.23E-6	[m] -	[m] 7008.8	2 (Slight)
Structure: 77 Avenue Road Sub-structure: Eastern elevation - lower (14)										



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Combined Movements

Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category		
[m] 0.0	[%] 0.0	[%] 0.056297	118.08E-6	[mm] 11.196	[%] 0.056297	-562.65E-6	118.08E-6	[m] -	[m] -	- 1 (Very Slight)		
Structure: 77 Avenue Road Sub-structure: Eastern elevation - mid (15)												
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category		
[m] 0.0	[%] 0.0	[%] 0.010566	154.13E-6	[mm] 10.842	[%] 0.010566	-105.65E-6	154.13E-6	[m] -	[m] -	- 0 (Negligible)		
Structure: 77 Avenue Road Sub-structure: Eastern elevation - upper (16)												
Vertical Offset from Line for Vertical Movement Calculations	Deflection Ratio	Average Horizontal Strain	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Maximum Gradient of Horizontal Displacement Curve	Maximum Gradient of Vertical Displacement Curve	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category		
[m] 0.0	[%] 0.0043631	[%] 0.056422	631.04E-6	[mm] 10.379	[%] 0.059576	-578.17E-6	631.04E-6	[m] -	[m] 11944.1	1 (Very Slight)		
Specific Building Damage Results - Critical Segments within Each Structure												
Structure Name	Parameter	Critical Sub-Structure	Critical Segment	Start	End	Curvature	Maximum Slope	Maximum Settlement	Max. Tensile Strain	Min. Radius of Curvature (Hogging)	Min. Radius of Curvature (Sagging)	Damage Category
Western Boundary Wall	Maximum Slope	Boundary Wall (1)		[m] 7 31.146	[m] 35.704	Sagging	0.0016700	[mm] 10.571	[%] 0.027688	-	[m] 5170.7 0	(Negligible)
	Maximum Settlement	Boundary Wall (1)		5 18.624	26.361	Sagging	502.79E-6	13.611	0.0094146	-	4816.0 0	(Negligible)
	Max. Tensile Strain	Boundary Wall (1)		3 4.9166	9.9936	Sagging	0.0015460	9.0389	0.033863	-	5137.8 0	(Negligible)
	Min. Radius of Curvature (Hogging)	Boundary Wall (1)		8 35.704	39.000	Hogging	0.0016700	8.5299	0.022039	993.92	- 0	(Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (1)		5 18.624	26.361	Sagging	502.79E-6	13.611	0.0094146	-	4816.0 0	(Negligible)
Northern Boundary Wall	Maximum Slope	Boundary Wall (2)		2 4.0351	9.0458	Hogging	0.0042460	11.095	0.037661	1766.6	- 0	(Negligible)
	Maximum Settlement	Boundary Wall (2)		7 28.346	34.355	Sagging	0.0011733	15.950	0.011842	-	4293.3 0	(Negligible)
	Max. Tensile Strain	Boundary Wall (2)		3 9.0458	14.227	Sagging	0.0042460	15.923	0.071096	-	1702.6 1	(Very Slight)
	Min. Radius of Curvature (Hogging)	Boundary Wall (2)		2 4.0351	9.0458	Hogging	0.0042460	11.095	0.037661	1766.6	- 0	(Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (2)		3 9.0458	14.227	Sagging	0.0042460	15.923	0.071096	-	1702.6 1	(Very Slight)
Eastern Boundary Wall	Maximum Slope	Boundary Wall (4)		2 8.8736	14.107	Sagging	0.0015841	9.7457	0.045591	-	5840.4 0	(Negligible)
	Maximum Settlement	Boundary Wall (3)		2 7.2249	13.000	Sagging	778.62E-6	14.068	0.012352	-	1250.9 0	(Negligible)
	Max. Tensile Strain	Boundary Wall (4)		2 8.8736	14.107	Sagging	0.0015841	9.7457	0.045591	-	5840.4 0	(Negligible)
	Min. Radius of Curvature (Hogging)	Boundary Wall (4)		3 14.107	18.140	Hogging	0.0015841	6.8685	0.015344	7292.8	- 0	(Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (3)		2 7.2249	13.000	Sagging	778.62E-6	14.068	0.012352	-	1250.9 0	(Negligible)
Southern Boundary Wall	Maximum Slope	Boundary Wall (5)		5 42.000	47.280	Sagging	0.0018706	9.7950	0.028148	-	3638.9 0	(Negligible)
	Maximum Settlement	Boundary Wall (5)		3 10.673	16.000	Sagging	0.0017061	9.7950	0.039141	-	3892.4 0	(Negligible)
	Max. Tensile Strain	Boundary Wall (5)		3 10.673	16.000	Sagging	0.0017061	9.7950	0.039141	-	3892.4 0	(Negligible)
	Min. Radius of Curvature (Hogging)	Boundary Wall (5)		6 47.280	54.297	Hogging	0.0018706	7.4031	0.011584	4459.2	- 0	(Negligible)
	Min. Radius of Curvature (Sagging)	Boundary Wall (5)		5 42.000	47.280	Sagging	0.0018706	9.7950	0.028148	-	3638.9 0	(Negligible)
38 Queens Grove	Maximum Slope	Eastern elevation (6)		1 0.0	5.4978	Sagging	0.0013282	8.7026	0.030802	-	1355.5 0	(Negligible)
	Maximum Settlement	Eastern elevation (6)		2 5.4978	12.000	Hogging	434.40E-6	11.013	0.0069463	24026.	- 0	(Negligible)
	Max. Tensile Strain	Northern elevation (7)		1 0.0	5.0000	Sagging	841.31E-6	11.013	0.069194	-	25393.1	(Very Slight)
	Min. Radius of Curvature (Hogging)	Eastern elevation (6)		2 5.4978	12.000	Hogging	434.40E-6	11.013	0.0069463	24026.	- 0	(Negligible)
	Min. Radius of Curvature (Sagging)	Eastern elevation (6)		1 0.0	5.4978	Sagging	0.0013282	8.7026	0.030802	-	1355.5 0	(Negligible)
77 Avenue Road	Maximum Slope	Extension - South (9)		1 0.0	11.500	Hogging	0.0011733	15.087	0.027424	3770.2	- 0	(Negligible)
	Maximum Settlement	Extension - West (10)		1 0.0	3.0000	Sagging	257.54E-6	15.805	0.084487	-	- 2	(Slight)
	Max. Tensile Strain	Western elevation (13)		1 0.0	9.0000	Sagging	935.23E-6	15.232	0.10485	-	7008.8 2	(Slight)
	Min. Radius of Curvature (Hogging)	Extension - South (9)		1 0.0	11.500	Hogging	0.0011733	15.087	0.027424	3770.2	- 0	(Negligible)
	Min. Radius of Curvature (Sagging)	Southern elevation (12)		1 0.0	4.4415	Sagging	667.52E-6	15.232	0.012704	-	2848.5 0	(Negligible)
Specific Building Damage Results - All Combined Segments												
Structure: Western Boundary Wall Sub-structure: Boundary Wall (1)												
Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category				
[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[%] [%]	[%] [%]	[%] [%]					
Structure: Northern Boundary Wall Sub-structure: Boundary Wall (2)												
Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category				
[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[%] [%]	[%] [%]					



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											Job No.	Sheet No.	Rev.			
											J14383					
											Drq. Ref.					
											Made by MP	Date 18-Mar-2016	Checked			
Vertical Movement Calculations	[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[m] [m]						
Structure: Eastern Boundary Wall Sub-structure: Boundary Wall (3)																
Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category								
[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[%] [%]	[%] [%]	[%] [%]									
Structure: Eastern Boundary Wall Sub-structure: Boundary Wall (4)																
Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category								
[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[%] [%]	[%] [%]	[%] [%]									
Structure: Southern Boundary Wall Sub-structure: Boundary Wall (5)																
Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category								
[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[%] [%]	[%] [%]	[%] [%]									
Structure: 38 Queens Grove Sub-structure: Eastern elevation (6)																
Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category								
[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[%] [%]	[%] [%]	[%] [%]									
Structure: 38 Queens Grove Sub-structure: Northern elevation (7)																
Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category								
[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[%] [%]	[%] [%]	[%] [%]									
Structure: 38 Queens Grove Sub-structure: Southern elevation (8)																
Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category								
[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[%] [%]	[%] [%]	[%] [%]									
Structure: 77 Avenue Road Sub-structure: Extension - South (9)																
Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category								
[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[%] [%]	[%] [%]	[%] [%]									
Structure: 77 Avenue Road Sub-structure: Extension - West (10)																
Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category								
[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[%] [%]	[%] [%]	[%] [%]									
Structure: 77 Avenue Road Sub-structure: Extension - East (11)																
Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category								
[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[%] [%]	[%] [%]	[%] [%]									
Structure: 77 Avenue Road Sub-structure: Southern elevation (12)																
Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category								
[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[%] [%]	[%] [%]	[%] [%]									
Structure: 77 Avenue Road Sub-structure: Western elevation (13)																
Vertical Offset from Line for Vertical Movement Calculations	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category								
[m] No structures have segments combined.	[m] [m]	[m] [m]	[m] [m]	[m] [m]	[%] [%]	[%] [%]	[%] [%]									

Combined Movements

Job No.

J14383

Sheet No.

Rev.

Drg. Ref.

Made by

MP

Date

18-Mar-2016

Checked

Vertical Offset from Line for Vertical Movement	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
No structures have segments combined.								
Structure: 77 Avenue Road Sub-structure: Eastern elevation - lower (14)								
Vertical Offset from Line for Vertical Movement	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
Calculations		[m]	[m]		[%]	[%]	[%]	
No structures have segments combined.								
Structure: 77 Avenue Road Sub-structure: Eastern elevation - mid (15)								
Vertical Offset from Line for Vertical Movement	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
Calculations		[m]	[m]		[%]	[%]	[%]	
No structures have segments combined.								
Structure: 77 Avenue Road Sub-structure: Eastern elevation - upper (16)								
Vertical Offset from Line for Vertical Movement	Combined Segment	Start	Length	Curvature	Deflection Ratio	Average Horizontal Strain	Max. Tensile Strain	Damage Category
Calculations		[m]	[m]		[%]	[%]	[%]	
No structures have segments combined.								

Appendix G

Flood Risk Assessment

Appendix H

Structural Calculations

Job Avenue Rd. Date 03/08/15
 Title Basement Pile Design. Eng. AE
 Job No. 1247 Sheet Rev.



Basement Uplift Pressures.

Hydrostatic Pressure.

* Assume water table 1m below ground level.

Existing ground level = 44.820

1m Below ground level = 43.820

Underside of Basement Slab = 37.180

Head of water = 43.820 - 37.180 = 6.64m

$P_w = 10 \text{ kN/m}^2$

Uplift = $-10 \times 6.64 = -66.4 \text{ kN/m}^2$

Heave due to clay.

* Adopt Cellcore HXS 160 13/18 - Plasticity = Medium.

- Safe load = 13 kN/m²

- Fail load = 18 kN/m²

- Uplift = $(0.35 \times 25) - 18 = -9.25 \text{ kN/m}^2$

Tension Pile Design.

Net uplift = $1.0(-66.4) + 1.0(-18) + 1.0(9.25)$

= -75 kN/m^2

SW of Pile

Length	Diameter	
	450φ	600φ
15	60 kN	106 kN
20	80 kN	141 kN

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Tension Pile Design.

450φ Pile - 15m into clay - ignore first 1m

$\alpha C_u @ -8m = 45 \text{ kN/m}^2$

$\alpha C_u @ -25m = 110 \text{ kN/m}^2$

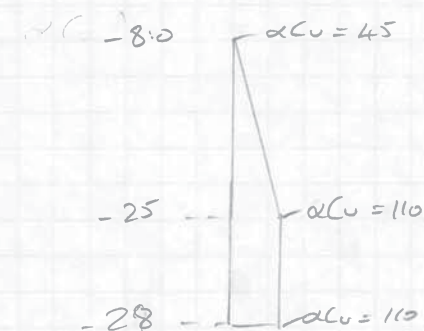
$\alpha C_u \text{ Ave} = \frac{110-45}{2} + 45 = 77.5 \text{ kN/m}^2$

$\alpha C_u \text{ Ave} \times \pi \times 0.45 \times 15 = 77.5 \times \pi \times 0.45 \times 15 = 1643 \text{ kN}$

FOS = 3.0

Capacity = $1643 / 3.0 = 550 \text{ kN/pile}$

450φ Pile - 20m into clay - ignore first 1m



$\text{Ave } \alpha C_u = \frac{17}{20} \times 77.5 = 65.9$
 $+ \frac{3}{20} \times 110 = 16.5$

$\Sigma = 82.4 \text{ kN/m}^2$

$\alpha C_u \text{ Ave} \times \pi \times 0.45 \times 20 = 82.4 \times \pi \times 0.45 \times 20 = 2330 \text{ kN}$

FOS = 3.0

Capacity = $2330 / 3.0 = 776 \text{ kN/pile}$

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Tension Pile Design

600φ Pile - 15m into clay ignore first 1m.

$$\alpha_{Cu Ave} = 77.5 \text{ kN/m}^2$$

$$\alpha_{Cu Ave} \pi PL = 77.5 \times \pi \times 0.6 \times 15 = 2191$$

$$FOS = 3.0$$

$$\text{Capacity} = 2191 / 3.0 = \underline{730 \text{ kN/pile.}}$$

600φ Pile - 20m into clay ignore first 1m.

$$\alpha_{Cu Ave} = 82.4 \text{ kN/m}^2$$

$$\alpha_{Cu Ave} \pi PL = 82.4 \times \pi \times 0.6 \times 20 = 3106 \text{ kN/pile.}$$

$$FOS = 3.0$$

$$\text{Capacity} = 3106 / 3.0 = \underline{1035 \text{ kN/pile.}}$$

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Tension Pile - Supported Areas

450φ 15m long

$$550/75 + 60/75 = 7.3 + 0.8 = 8.1 \text{ m}^2$$

450φ 20m long

$$775/75 + 86/75 = 10.3 + 1.07 = 11.37 \text{ m}^2$$

600φ 15m long

$$730/75 + 106/75 = 9.7 + 1.4 = 11.1 \text{ m}^2$$

600φ 20m long

$$1035/75 + 141/75 = 13.8 + 1.9 = 15.7 \text{ m}^2$$

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HEYNE
TILLET
STEEL

Bearing Piles - Design Check.

450 ϕ pile - 15 long into clay - ignore first 1m.

$$\begin{aligned}\text{Individual Pile} &= c_u N_c \cdot A_b + \alpha c_{uav} A_s \\ &= 1980 \times \frac{\pi \times 0.45^2}{4} + 77.5 \times \pi \times 0.45 \times 15 \\ &= 315 + 1643 \\ &= 1958 \text{ kN.}\end{aligned}$$

$$FOS = 3.0$$

$$\text{Capacity} = 1958/3.0 = \underline{653 \text{ kN.}}$$

450 ϕ pile - 20m long into clay

$$\begin{aligned}&= 315 + 82.4 \times \pi \times 0.45 \times 20 \\ &= 315 + 2330 \\ &= 2645 \text{ kN.}\end{aligned}$$

$$FOS = 3.0$$

$$\text{Capacity} = 2645/3.0 = \underline{882 \text{ kN.}}$$

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600 ϕ pile 15m into clay.

$$\begin{aligned}&= 1980 \times \frac{\pi \times 0.6^2}{4} + 77.5 \times \pi \times 0.6 \times 15 \\ &= 560 + 2192 \\ &= 2752\end{aligned}$$

$$FOS = 3.0$$

$$\text{Capacity} = 2752/3.0 = \underline{917 \text{ kN.}}$$

600 ϕ pile 20m into clay.

$$\begin{aligned}&= 560 + 82.4 \times \pi \times 0.6 \times 20 \\ &= 560 + 3109 \\ &= 3669 \text{ kN.}\end{aligned}$$

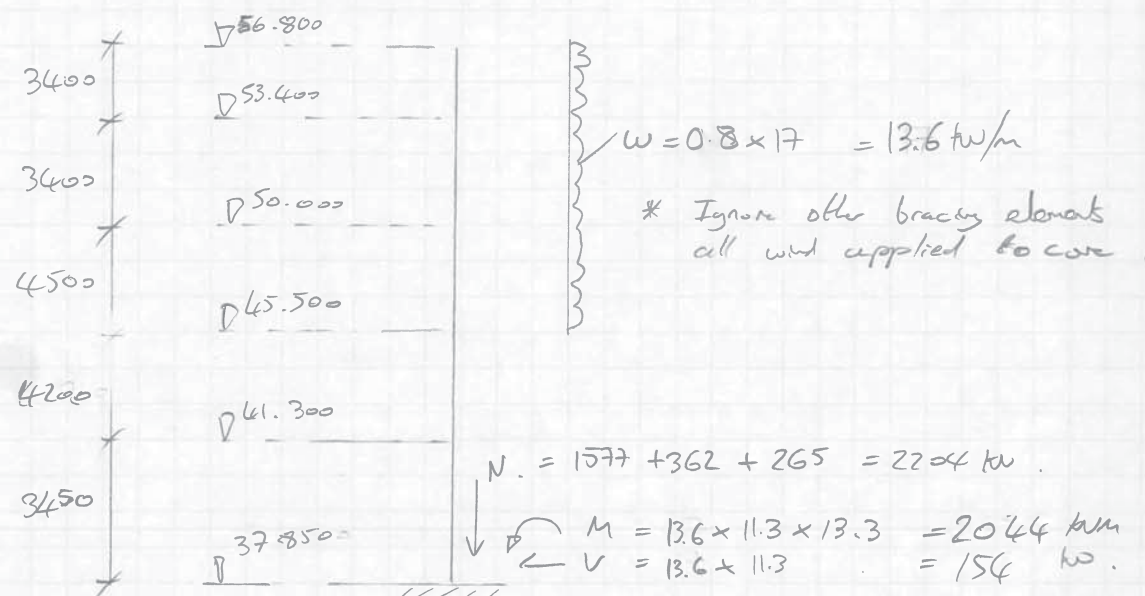
$$FOS = 3.0$$

$$\text{Capacity} = 3669/3.0 = \underline{1223 \text{ kN.}}$$

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Lift Check



Lift Pile Cap:

Try 4 No piles 600 ϕ 20m long.

$$= \frac{P}{N} \pm \frac{M \cdot y}{\Sigma y^2}$$

$$= \frac{2204}{4} + \frac{2044 \times 0.6 \times 3/2}{6 \times 0.4^2}$$

$$= 245 + 379 = 624 \text{ kN Comp}$$

$$= \frac{2204}{4} + \frac{2044 \times 1.27}{(2 \times 1.27^2) + (4 \times 0.635^2)}$$

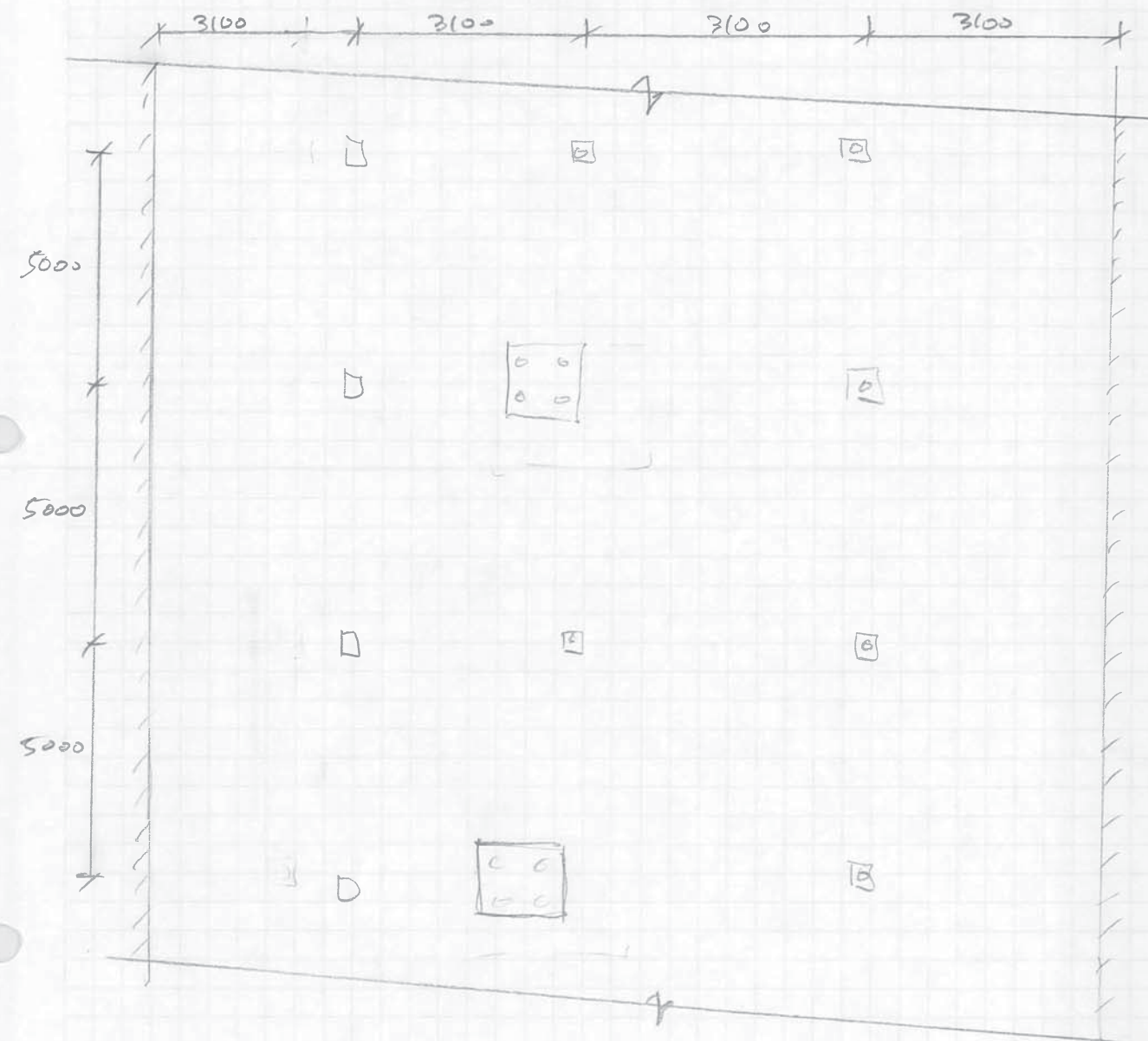
$$= 245 + 536 = 781 \text{ kN Comp.}$$

$$\text{Individual Pile Capacity} = 1223 \times 0.73 = 892 \text{ kN. (OK)}$$

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 Title Basement - Slab, Eng. AE.
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HEYNE
 TILLET
 STEEL

Check Basement Slab as suspended Flat Slab.



Loading

$$\text{Hydrostatic up/ft} = 76 \text{ kN/m}^2$$

$$\text{SW Slab} = 8.75 \text{ kN/m}^2$$

$$\text{ULS up/ft} = 0.9G + 1.2Q_u$$

$$= 0.9(8.75) + 1.2(76)$$

$$= -81 \text{ kN/m}^2$$

Primary Direction

$$F = 81 \times 5.0 \times 3.1 = 1255 \text{ kN}$$

$$l = 3.1 \text{ m}$$

$$0.086FL = 0.086 \times 1255 \times 3.1 = 334 \text{ kNm}$$

$$\text{Column Strip Negative} = 0.75 \times 334 = 250$$

$$\text{Column Strip} = l/2 = 3.1/2 = 1.55$$

$$\text{Slab Moment} = 250/1.55 = 162 \text{ kNm}$$

Secondary Direction

$$l = 5.0 \text{ m}$$

$$0.086FL = 0.086 \times 1255 \times 5.0 = 534 \text{ kNm}$$

$$\text{Column Strip Negative} = 0.75 \times 534 = 405 \text{ kNm}$$

$$\text{Column Strip} = l/2 = 5.0/2 = 2.5$$

$$\text{Slab Moment} = 405/2.5 = 162 \text{ kNm}$$

Slab Reinforcement

$$S/b = 350 \text{ mm}$$

$$Grade = B35/45$$

$$d = 300 \text{ mm}$$

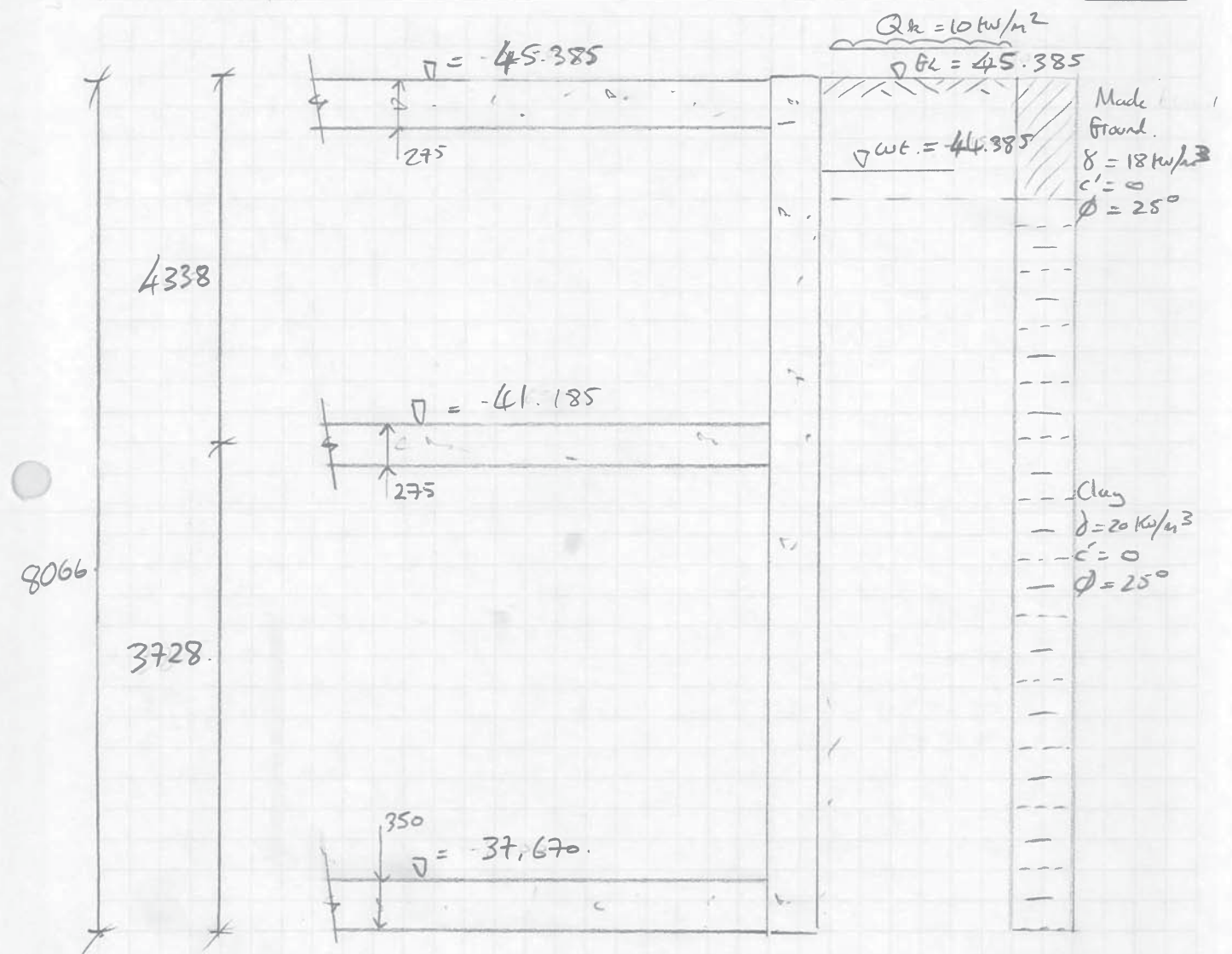
$$k = M/6d^2 f_{ck} = 261 \times 10^6 / (1000 \times 300^2 \times 35) = 0.08$$

$$z = d/2 [1 + \sqrt{1 - 3.53k}] = \frac{300}{2} [1 + \sqrt{1 - 3.53 \times 0.08}] = 0.92d$$

$$z = 0.92 \times 300 = 276 \text{ mm}$$

$$A_{sreq} = \frac{M}{0.87 \cdot f_y \cdot z} = \frac{261 \times 10^6}{0.87 \times 500 \times 276} = 2173 \text{ mm}^2/\text{m}$$

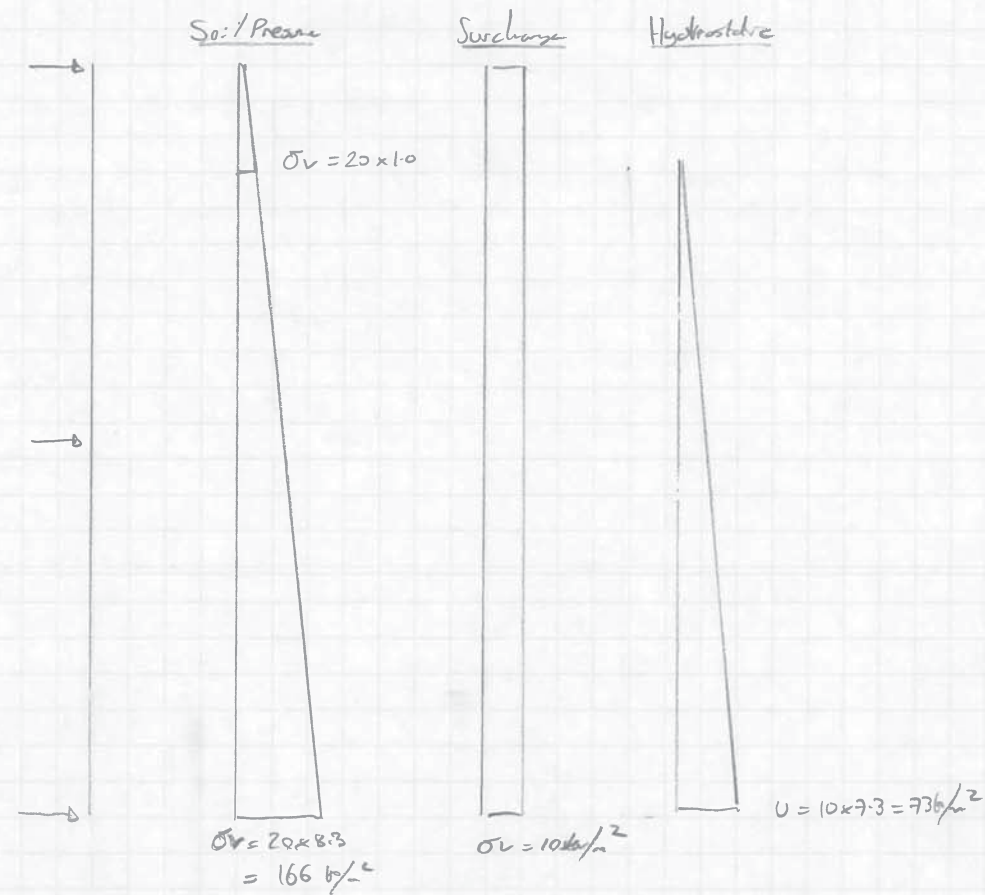
$$\text{Provide } B20 @ 100 \text{ c/c over columns} = 3142 \text{ mm}^2/\text{m}$$



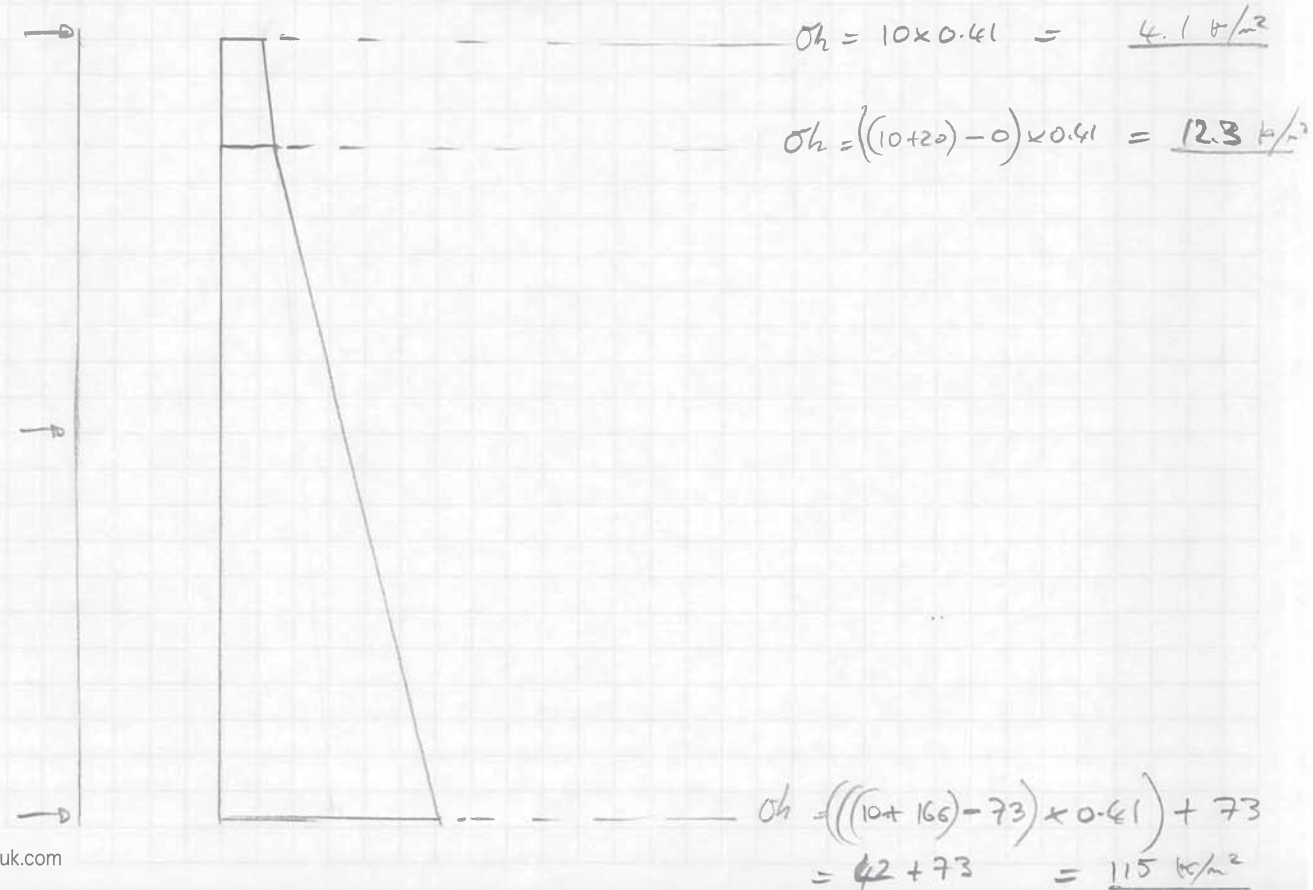
	Combination ①	Combination ②
Density of soil		
- Made Ground	18 kN/m³	18 kN/m³
- Clay	20 kN/m³	20 kN/m³
ϕ	25°	25°
$K_h = K_{active}$ (i.e. some movement assumed)	$= \frac{\cos \beta - (\sin^2 \phi_d - \sin^2 \beta)^{0.5}}{\cos \beta + (\sin^2 \phi_d - \sin^2 \beta)^{0.5}} \times 1.0$	
$\beta = 0^\circ$ (No inclination of soil)	$= \frac{(1.0 - 0.422)}{1.42}$	$\frac{1.0 - 0.34}{1.58}$
	0.41	0.42

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HEYNE
 TILLET
 STEEL

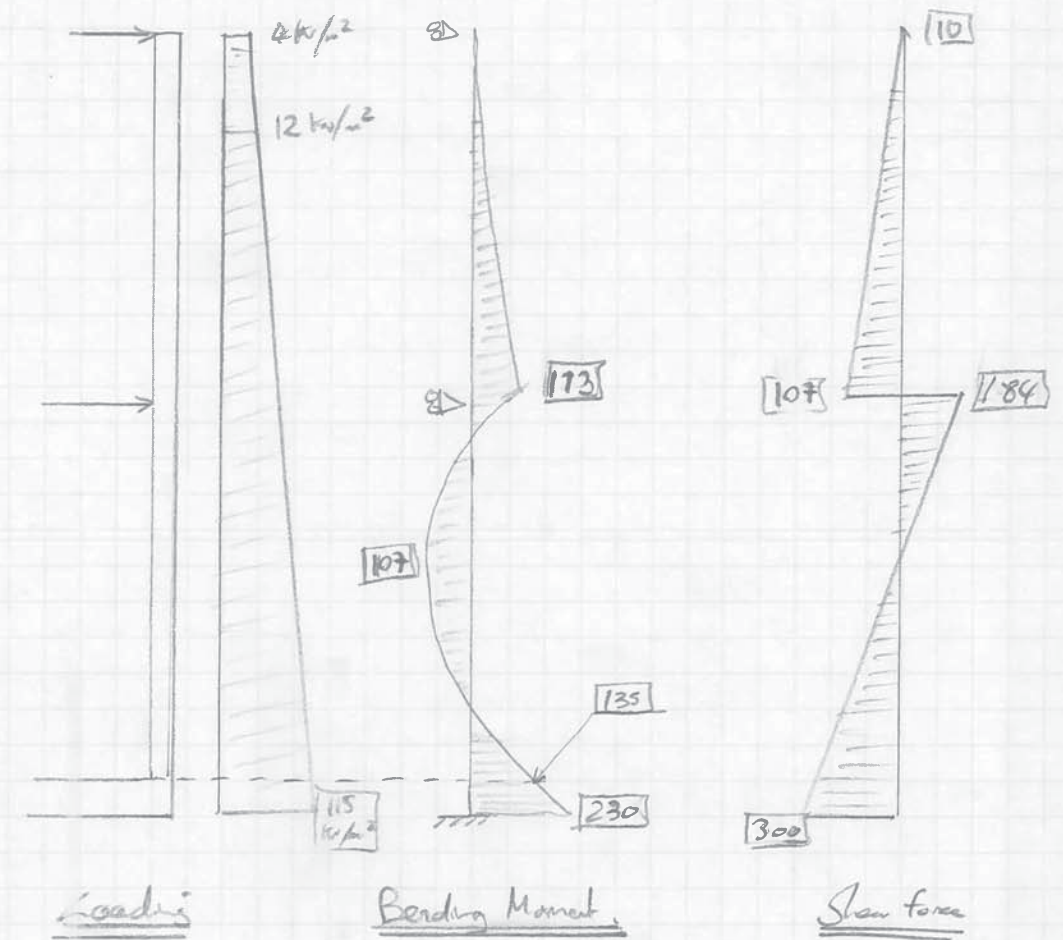


Vertical Stress



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 Job No. 1267 Sheet Rev.

HEYNE
 TILLET
 STEEL

Worst Case Bending Moment.

- Check @ Base support.

$$M = 135 \text{ kNm.}$$

$$k = \frac{M}{bd^2 f_c} = \frac{135 \times 10^6}{1000 \times 210^2 \times 32} = 0.095$$

$$z = \frac{d}{2} [1 + (1 - 3.53k)^{0.5}]$$

$$= 0.91d$$

$$z = 140$$

$$A_{sreq} = \frac{M}{0.87 f_y \cdot z} = \frac{135 \times 10^6}{0.87 \times 500 \times 140} = 1633 \text{ mm}^2/\text{m.}$$

Adopt B16's @ 100c/c $A_{sprov} = 2011 \text{ mm}^2/\text{m.}$

Check shear @ d from support.

$$V = 225 \text{ kN.}$$

$$v = \frac{225 \times 10^3}{210 \times 1000}$$

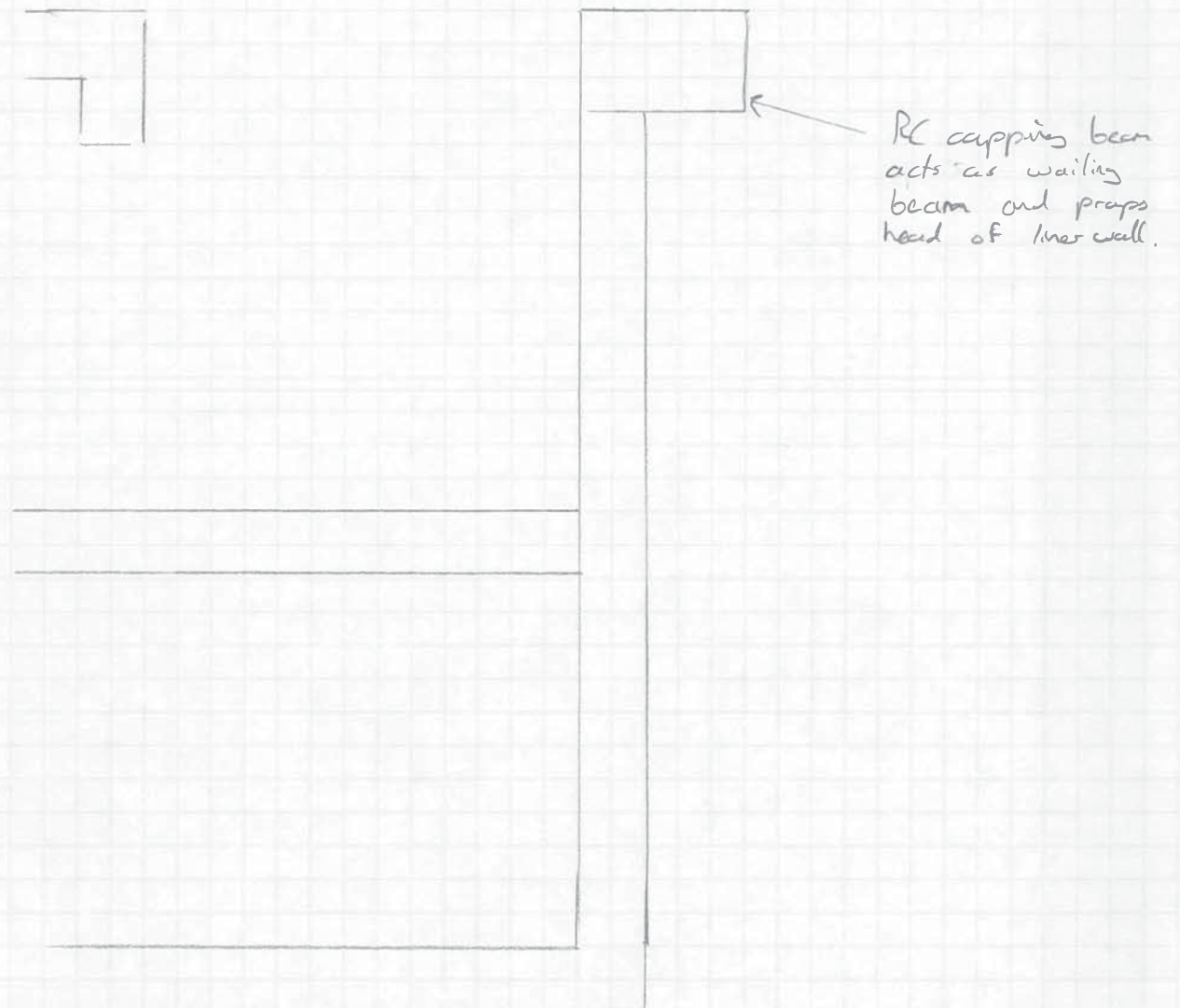
$$= 1.07 \text{ N/mm}^2 > 0.5$$

∴ Provide links @ base of wall.

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HEYNE
 TILLET
 STEEL

Courtyard Liner Wall.



*Horizontal Line Load acting on capping beam = 10 kN/m.

$$\text{Moment} = 10 \times 12^2/8 = 180 \text{ kNm.}$$

$$\text{Beam} = 950 \text{ wide} \times 800 \text{ dp.}$$

$$k = \frac{M}{bd^2 f_c} = \frac{180 \times 10^6}{800 \times 900^2 \times 35} = 0.008$$

$$z = 0.95d$$

$$A_{sreq} = \frac{M}{0.87 f_y \cdot z} = \frac{180 \times 10^6}{0.87 \times 500 \times 0.95 \times 900} = 683 \text{ mm}^2$$

$$\text{Say } A_{sprov} = 8 \text{ No. B12} = 8 \times \pi \times 12^2/4 = 906 \text{ mm}^2 \quad (0.5)$$

Job Avenue Rd. Date 03/08/15
 Title Basement - Retaining Wall. Eng. AE.
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HEYNE
TILLET
STEEL

Car lift live wall.

* Assume piles installed with guide wall. achieve the following tolerances.

Plan setting out = $\pm 25\text{mm}$

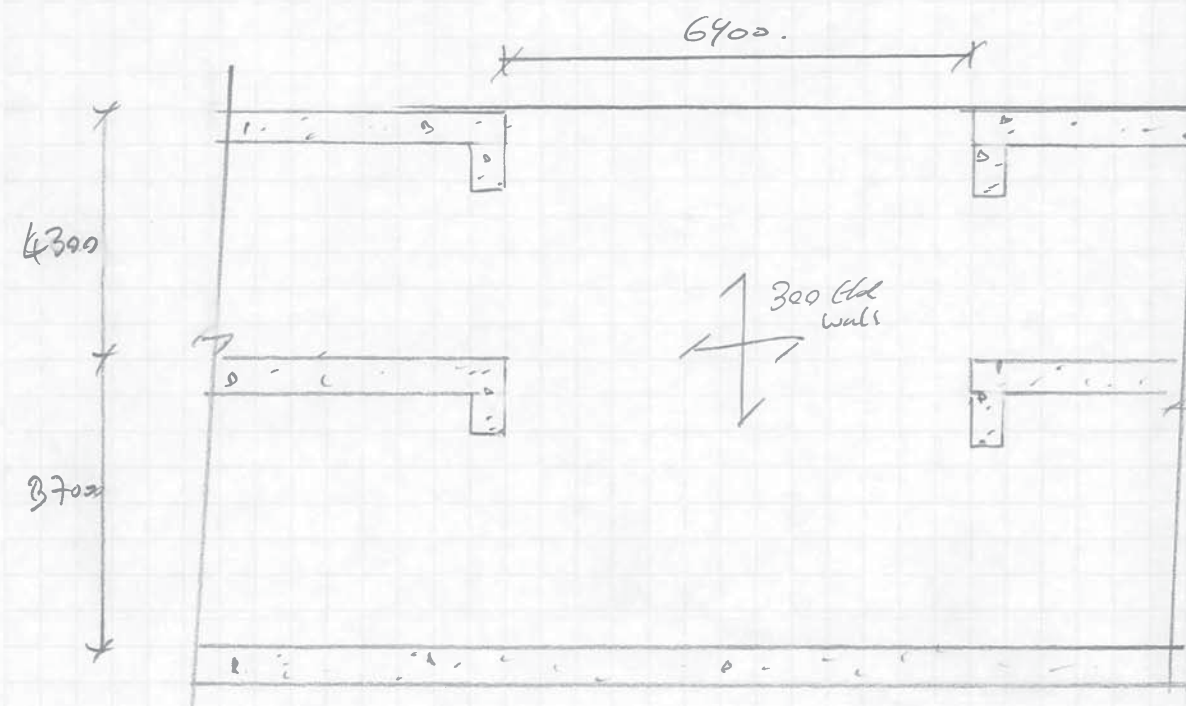
Verticality = $\pm 1/150$.

Out of toleran at pile = $25 + 8000/150 = 78\text{mm}$

Seg = 100mm

Live wall = $600 - 100 = 300\text{mm}$.

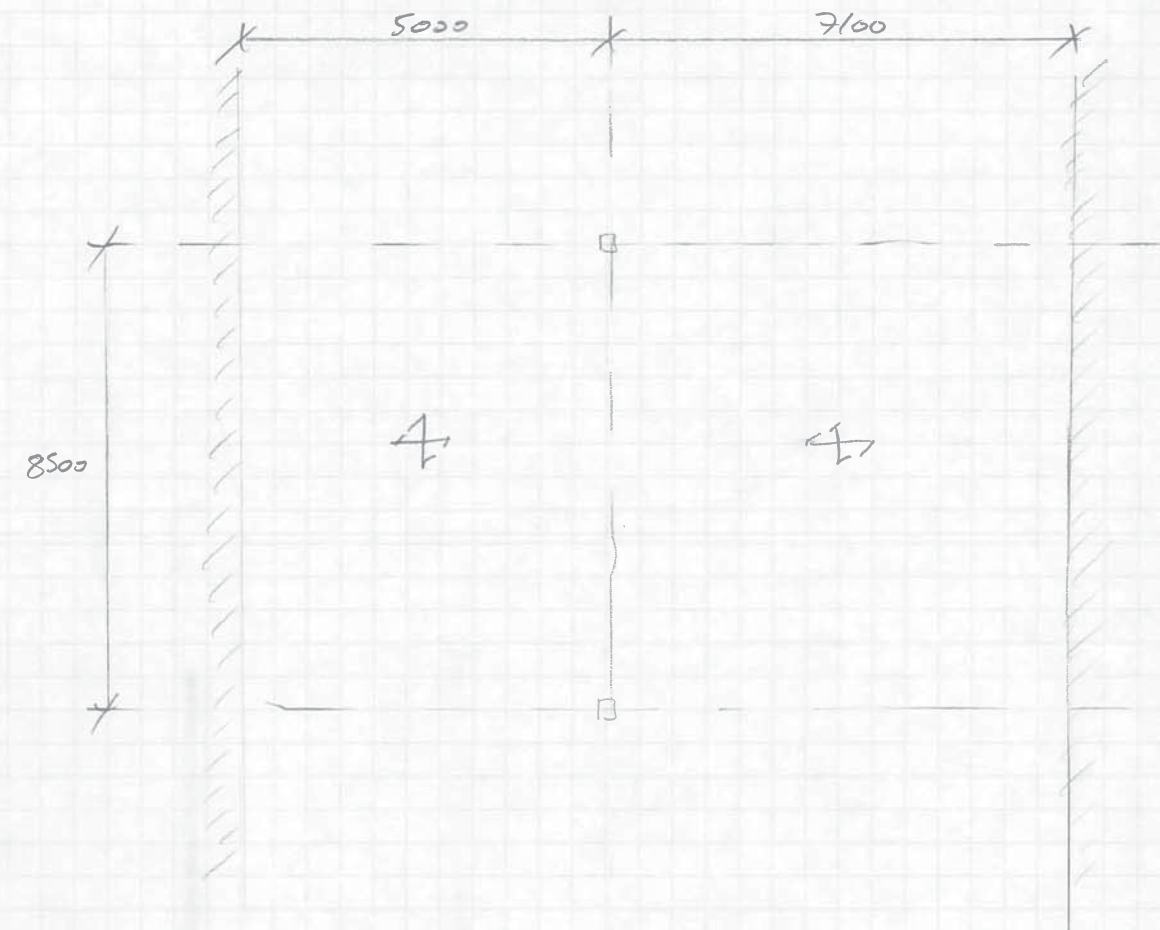
Elevation of live wall in



Job Avenue Rd. Date 17/02/15
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HEYNE
TILLET
STEEL

Lower Ground Lift Slab.



Loading

$$\text{Slab SW} = 0.3 \times 25 = 7.5 \text{ k/m}^2$$

$$\text{SOL} = 3.5 = 3.5 \text{ k/m}^2$$

$$\text{Live} = 2.5 = 2.5 \text{ k/m}^2$$

$$\text{ULS} = 1.35(7.5 + 3.5) + 1.5(2.5) = 18.6 \text{ k/m}^2$$

Bending Moments

$$F = 186 \times 7.1 \times 8.5 = 1122 \text{ kN.}$$

$$L = 8.5 \text{ m.}$$

$$0.086 \cdot F \cdot L = 0.086 \times 1122 \times 8.5 = 820 \text{ kNm.}$$

$$\text{Column Strip Negative} = 0.75 \times 820 = 615 \text{ kNm.}$$

$$\text{Column Strip} = l/2 = 7.1/2 = 3.55 \text{ m.}$$

$$\text{Slab Moment} = 615/3.55 = 173 \text{ kNm.}$$

$$\text{Slab Thickness} = 300 \text{ mm.}$$

$$\text{Grade} = C35/45$$

$$k = \frac{173 \times 10^6}{1000 \times 250^2 \times 35} = 0.079$$

$$z = d/2 [1 + \sqrt{1 - 3.53k}]$$

$$= 0.92 d$$

$$z = 230 \text{ mm.}$$

$$A_{s \text{ req}} = M / 0.87 \cdot f_y \cdot z$$

$$= 173 \times 10^6 / 0.87 \times 500 \times 230$$

$$= 1729 \text{ mm}^2$$

$$\text{Provide. } B16 @ 100 \text{ c/c} = 2011 \text{ mm}^2/\text{m.}$$

Over columns.

Midspan Reflection check

$$\text{Midspan Moment} = 0.086 \cdot F \cdot L = 820 \text{ kNm.}$$

$$\text{Midspan Bay} = 0.65 \times 820 = 369 \text{ kNm.}$$

$$\text{Bay width} = 3.75 \text{ m.}$$

$$\text{Midspan Moment} = 369/3.75 = 98 \text{ kNm.}$$

$$k = M/bd^2 f_y$$

$$= 98 \times 10^6 / 1000 \times 250^2 \times 35 = 0.045$$

$$z = 0.95 d.$$

$$A_{s \text{ req}} = 98 \times 10^6 / 0.87 \cdot 500 \times 237 = 950 \text{ mm}^2/\text{m}$$

$$A_{s \text{ prov}} = B16 @ 100 \text{ c/c} = 2011 \text{ mm}^2/\text{m.}$$

$$f_s = \frac{2 \cdot f_y \cdot A_{s \text{ req}}}{3 \cdot A_{s \text{ prov}}} \times \frac{1}{\beta}$$

$$= \frac{2 \times 500 \times 950}{3 \times 2011} \times \frac{1}{1.0}$$

$$= 157 \text{ N/mm}^2$$

$$M/bd^2 = 1.568$$

$$\text{Modification factor} = 1.69 \quad (T.310)$$

$$\text{Basic Spn/depth} = 26 \quad (T.3.9)$$

$$\text{Spn/depth} = 1.69 \times 26 = 43.9$$

$$\text{Actual} = 7500/250 = 30 \quad (ok)$$

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HEYNE
 TILLET
 STEEL

Check Punching Shear @ Lower Ground.

$$\text{Area supported} = 5.675 \times 6.075 = 34.5 \text{ m}^2$$

Loads

$$\text{Slab} = 0.3 \times 25 = 7.5 \text{ kN/m}^2$$

$$\text{SOL} = 3.5 = 3.5 \text{ kN/m}^2$$

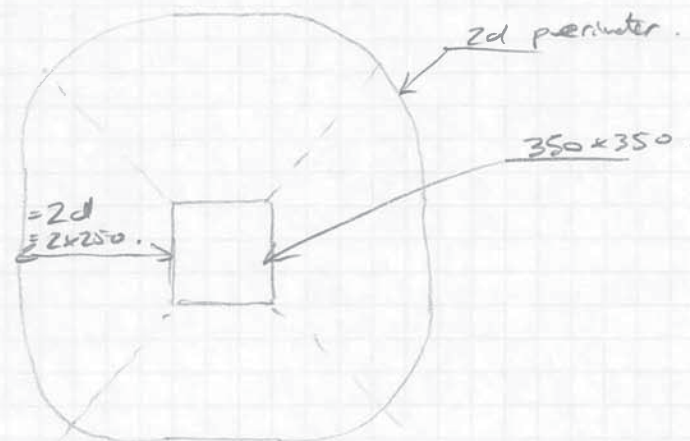
$$\text{Live} = 2.5 = 2.5 \text{ kN/m}^2$$

$$\text{ULS} = 1.35(7.5 + 3.5) + 1.5(2.5) = 18.6 \text{ kN/m}^2$$

$$\text{Column Load} = 18.6 \times 34.5 = 642 \text{ kN.}$$

$$\beta = 1.15$$

$$V = 642 \times 1.15 = 740 \text{ kN.}$$



$$u = (\pi \times 1350) + 4 \times 350 = 5640 \text{ mm.}$$

$$\text{Punching Shear} = 740 \times 10^3 / 5640 \times 250 = 0.52 \text{ N/mm}^2$$

No punching into Required!

