Analysis Options

Analysis: Mindlin - Horizontal dispacements are calculated
Soil above horizontal load on horizontal plane dampens displacements below load : Yes
Soil above vertical load on horizontal plane dampens displacements below load : Yes
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: 0.0 [m OD]
Displacements at area centroids calculated.

Soil ProfilesSoil Profile 1

Layer	Level at top	Number of intermediate displacement levels	Youngs Modulus Top	Youngs Modulus Btm	Poissons ratio	Non-linear curve
	[mOD]		[kN/m²]	[kN/m²]		
1	82.000	6	40000.	40000.	0.20000	None
2	79.000	50	37500.	67500.	0.45500	None
3	74.000	64	75000.	87000.	0.45500	None

Soil Zones

Zone	X coordinates min [m]	X coordinates max [m]	Y coordinates min [m]	Y coordinates max [m]	Profile
1	-10.000	15.000	-5.0000	23.000	Soil Profile 1

Load Data

Load ref.	Orientation	Loaded plane Centre of load (Global) X [m]	Y [m]	Z (level) [m]	Angle of local x w.r.t. global X [Degrees]	Shape	Dimension Width x/ Radius [m]	Depth y [m]	Loads Load value Normal z [kN/m²]	Tangential x [kN/m²]	Tangential y [kN/m²]	Number of rectangles
1	Horizontal	4.6500	3.6500	78.900	0.0	Rectangular	9.3000	7.3000	-15.200	0.0	0.0	N/A
2	Horizontal	6.1000	8.7500	76.000	0.0	Rectangular	3.4000	2.9000	-77.900	0.0	0.0	N/A
3	Horizontal	2.2000	8.7500	78.900	0.0	Rectangular	4.4000	2.9000	-72.200	0.0	0.0	N/A
4	Horizontal	-1.2000	8.7500	76.000	0.0	Rectangular	2.4000	2.9000	-72.200	0.0	0.0	N/A
5	Horizontal	6.5000	14.000	76.000	0.0	Rectangular	5.6000	7.6000	-77.900	0.0	0.0	N/A
6	Horizontal	1.2000	14.000	76.000	0.0	Rectangular	5.0000	7.6000	-72.200	0.0	0.0	N/A
7	Horizontal	-1.8500	11.950	76.000	0.0	Rectangular	1.0000	3.5000	-49.400	0.0	0.0	N/A
8	Horizontal	-2.3000	15.100	76.000	0.0	Rectangular	2.0000	2.8000	-49.400	0.0	0.0	N/A

Displacement Data

Ref.	Type	Name	Direction of Extrusion	Line/Line for extrusion First point X [m]	Y [m]	Z(level) [m]	Second point X [m]	Y [m]	Z(level) [m]	No. of intrvls across extrusion/line	Extrusion Depth [m]	No. of intrvls along extrusion	Calculate	Show Detailed results
1	Line	6 PL - Front	N/A	9.3000	0.0	78.900	9.3000	7.3000	78.900	20	N/A	N/A	Yes	Yes
2	Line	6 PL - Rear	N/A	9.3000	10.200	76.000	9.3000	17.800	76.000	20	N/A	N/A	Yes	Yes
3	Line	DS - Rear	N/A	-1.3000	17.800	76.000	9.3000	17.800	76.000	30	N/A	N/A	Yes	Yes
4	Grid	Overall	Global X	-5.0000	-5.0000	76.000	N/A	20.000	76.000	40	20.000	50	Yes	Yes

(ABOVE EXCAVATION)
MADE GROUND :-
+82 → +79 mOD

RESULTS FOR GRIDS

Analysis: Mindlin
Maximum allowable ratio between values of E: 1.5
Displacements at area centroids calculated.

Type	Location X [m]	Y [m]	Z [Level] [mOD]	Displacement X [mm]	Y [mm]	Z [mm]
	4.6500	3.6500	78.900	-0.0098633	-0.34019	-4.1333
	6.1000	8.7500	76.000	-0.47886	0.063518	-6.3489
	2.2000	8.7500	78.900	-0.10001	-0.62895	-7.6082
	-1.2000	8.7500	76.000	0.66366	0.11079	-5.5194
	6.5000	14.000	76.000	-0.33467	-0.32879	-6.7224
	1.2000	14.000	76.000	0.24719	-0.40356	-6.7572
	-1.8500	11.950	76.000	0.56649	-0.18331	-5.3309
	-2.3000	15.100	76.000	0.44077	-0.31376	-4.8074
6 PL - Front	9.3000	0.0	78.900	0.063376	-0.24342	-2.0891
	9.3000	0.36500	78.900	0.062130	-0.24731	-2.2133
	9.3000	0.73000	78.900	0.061240	-0.25226	-2.3164
	9.3000	1.0950	78.900	0.060820	-0.25826	-2.4137
	9.3000	1.4600	78.900	0.061001	-0.26532	-2.5080
	9.3000	1.8250	78.900	0.061902	-0.27340	-2.6008
	9.3000	2.1900	78.900	0.063665	-0.28247	-2.6928
	9.3000	2.5550	78.900	0.066430	-0.29249	-2.7844
	9.3000	2.9200	78.900	0.070348	-0.30341	-2.8760
	9.3000	3.2850	78.900	0.075583	-0.31519	-2.9677
	9.3000	3.6500	78.900	0.082312	-0.32775	-3.0599
	9.3000	4.0150	78.900	0.090724	-0.34101	-3.1525
	9.3000	4.3800	78.900	0.10102	-0.35483	-3.2456
	9.3000	4.7450	78.900	0.11339	-0.36902	-3.3393
	9.3000	5.1100	78.900	0.12803	-0.38329	-3.4333
	9.3000	5.4750	78.900	0.14506	-0.39729	-3.5272
	9.3000	5.8400	78.900	0.16458	-0.41055	-3.6206
	9.3000	6.2050	78.900	0.18655	-0.42253	-3.7125
	9.3000	6.5700	78.900	0.21082	-0.43268	-3.8010
	9.3000	6.9350	78.900	0.23712	-0.44047	-3.8826
	9.3000	7.3000	78.900	0.26505	-0.44548	-3.9412
6 PL - Rear	9.3000	10.200	76.000	-0.56482	-0.017140	-4.5936
	9.3000	10.580	76.000	-0.55923	-0.038868	-4.7877
	9.3000	10.960	76.000	-0.55263	-0.060753	-4.8895
	9.3000	11.340	76.000	-0.54508	-0.082699	-4.9567
	9.3000	11.720	76.000	-0.53663	-0.10460	-5.0012
	9.3000	12.100	76.000	-0.52738	-0.12633	-5.0283
	9.3000	12.480	76.000	-0.51737	-0.14780	-5.0409
	9.3000	12.860	76.000	-0.50668	-0.16888	-5.0404
	9.3000	13.240	76.000	-0.49537	-0.18946	-5.0277
	9.3000	13.620	76.000	-0.48350	-0.20942	-5.0035
	9.3000	14.000	76.000	-0.47111	-0.22865	-4.9679
	9.3000	14.380	76.000	-0.45825	-0.24703	-4.9211
	9.3000	14.760	76.000	-0.44498	-0.26444	-4.8630
	9.3000	15.140	76.000	-0.43132	-0.28077	-4.7932
	9.3000	15.520	76.000	-0.41733	-0.29590	-4.7113
	9.3000	15.900	76.000	-0.40305	-0.30974	-4.6163
	9.3000	16.280	76.000	-0.38853	-0.32218	-4.5070
	9.3000	16.660	76.000	-0.37381	-0.33314	-4.3806
	9.3000	17.040	76.000	-0.35896	-0.34256	-4.2326
	9.3000	17.420	76.000	-0.34401	-0.35038	-4.0516
	9.3000	17.800	76.000	-0.32903	-0.35658	-3.7814
DS - Rear	-1.3000	17.800	76.000	0.29993	-0.41026	-3.9977
	-0.94667	17.800	76.000	0.28609	-0.42316	-4.2273
	-0.59333	17.800	76.000	0.27055	-0.43544	-4.3785
	-0.24000	17.800	76.000	0.25335	-0.44700	-4.5009
	0.11333	17.800	76.000	0.23457	-0.45774	-4.6048
	0.46667	17.800	76.000	0.21430	-0.46758	-4.6945
	0.82000	17.800	76.000	0.19267	-0.47643	-4.7726
	1.1733	17.800	76.000	0.16979	-0.48422	-4.8404
	1.5267	17.800	76.000	0.14580	-0.49088	-4.8988
	1.8800	17.800	76.000	0.12087	-0.49636	-4.9485
	2.2333	17.800	76.000	0.095152	-0.50061	-4.9897
	2.5867	17.800	76.000	0.068819	-0.50361	-5.0231
	2.9400	17.800	76.000	0.042048	-0.50533	-5.0490
	3.2933	17.800	76.000	0.015020	-0.50576	-5.0682
	3.6467	17.800	76.000	-0.012084	-0.50492	-5.0833

CLAYGATE :-
+79 → +74 mOD
$C_u = 50 + 8z$ kN/m² (from Top)
$E_u/C_u = 750$. $\nu_u = 0.455$

LONDON CLAY :-
+74 → +66 mOD
$C_u = 100 + 2z$ kN/m² (from Top)
$E_u/C_u = 750$ $\nu_u = 0.455$

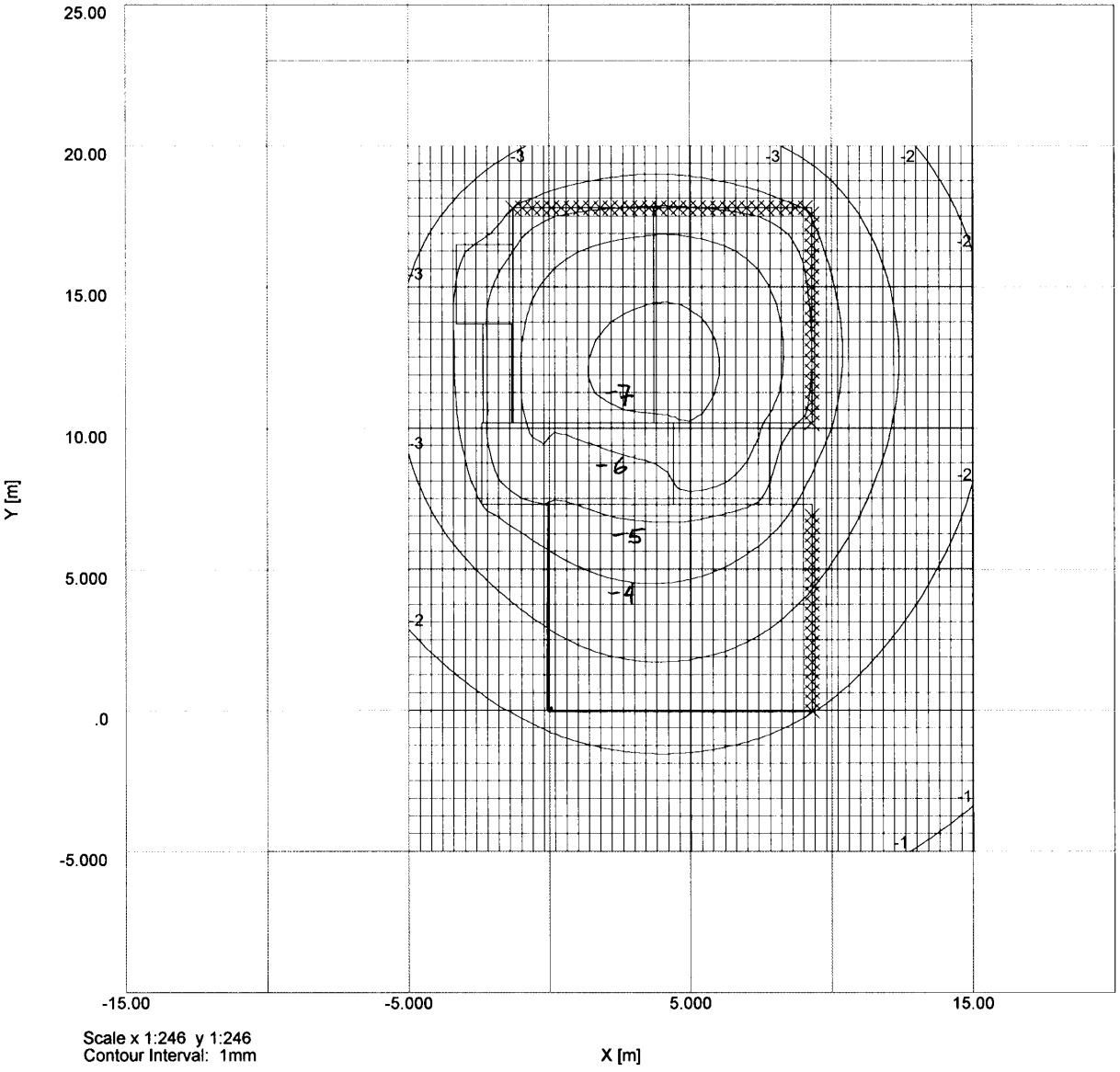
Oasys

8 Pilgrims Lane
Unloading Assessment
Short-Term

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by ALP	Date 17-May-2013	Checked

(-ve = heave)

Settlement Contours : Grid 1 at 76.00m



Scale x 1:246 y 1:246
Contour Interval: 1mm

Analysis Options

Analysis: Mindlin - Horizontal dispacements are calculated
Soil above horizontal load on horizontal plane dampens displacements below load : Yes
Soil above vertical load on horizontal plane dampens displacements below load : Yes
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: 0.0 [m OD]
Displacements at area centroids calculated.

Soil ProfilesSoil Profile 1

Layer	Level at top [mOD]	Number of intermediate displacement levels	Youngs Modulus Top [kN/m²]	Youngs Modulus Btm [kN/m²]	Poissons ratio	Non-linear curve
1	82.000	6	40000.	40000.	0.20000	None
2	79.000	50	30000.	54000.	0.20000	None
3	74.000	64	60000.	69600.	0.20000	None

Soil Zones

Zone	X coordinates min [m]	X coordinates max [m]	Y coordinates min [m]	Y coordinates max [m]	Profile
1	-10.000	15.000	-5.0000	23.000	Soil Profile 1

Load Data

Load ref.	Orientation	Loaded plane Centre of load (Global) X [m]	Y [m]	Z(level) [m]	Angle of local x w.r.t. global X [Degrees]	Shape	Dimension Width x/ Depth y Radius [m]	[m]	Loads Normal z [kN/m²]	Load value Tangential x [kN/m²]	y [kN/m²]	Number of rectangles
1	Horizontal	4.6500	3.6500	78.900	0.0	Rectangular	9.3000	7.3000	-8.2400	0.0	0.0	N/A
2	Horizontal	6.1000	8.7500	76.000	0.0	Rectangular	3.4000	2.9000	-64.700	0.0	0.0	N/A
3	Horizontal	2.2000	8.7500	78.900	0.0	Rectangular	4.4000	2.9000	-59.000	0.0	0.0	N/A
4	Horizontal	-1.2000	8.7500	76.000	0.0	Rectangular	2.4000	2.9000	-59.000	0.0	0.0	N/A
5	Horizontal	6.5000	14.000	76.000	0.0	Rectangular	5.6000	7.6000	-64.700	0.0	0.0	N/A
6	Horizontal	1.2000	14.000	76.000	0.0	Rectangular	5.0000	7.6000	-59.000	0.0	0.0	N/A
7	Horizontal	-1.8500	11.950	76.000	0.0	Rectangular	1.0000	3.5000	-36.200	0.0	0.0	N/A
8	Horizontal	-2.3000	15.100	76.000	0.0	Rectangular	2.0000	2.8000	-36.200	0.0	0.0	N/A

Displacement Data

Ref.	Type	Name	Direction of Extrusion	Line/Line for extrusion First point X [m]	Y [m]	Z(level) [m]	Second point X [m]	Y [m]	Z(level) [m]	No. of intrvls across extrusion/line	Extrusion Depth [m]	No. of intrvls along extrusion	Calculate	Show Detailed results
1	Line	6 PL - Front	N/A	9.3000	0.0	78.900	9.3000	7.3000	78.900	20	N/A	N/A	Yes	Yes
2	Line	6 PL - Rear	N/A	9.3000	10.200	76.000	9.3000	17.800	76.000	20	N/A	N/A	Yes	Yes
3	Line	DS - Rear	N/A	-1.3000	17.800	76.000	9.3000	17.800	76.000	30	N/A	N/A	Yes	Yes
4	Grid	Overall	Global X	-5.0000	-5.0000	76.000	N/A	20.000	76.000	40	20.000	50	Yes	Yes

RESULTS FOR GRIDS

Analysis: Mindlin
Maximum allowable ratio between values of E: 1.5
Displacements at area centroids calculated.

Type	Location X [m]	Y [m]	Z[Level] [mOD]	Displacement X [mm]	Y [mm]	Z [mm]
	4.6500	3.6500	78.900	0.10257	-0.92159	-4.3551
	6.1000	8.7500	76.000	-0.13535	-0.071519	-6.8307
	2.2000	8.7500	78.900	-0.22906	-0.68678	-8.1757
	-1.2000	8.7500	76.000	0.12945	-0.056154	-5.9556
	6.5000	14.000	76.000	-0.037253	-0.059950	-7.4161
	1.2000	14.000	76.000	0.017363	-0.10253	-7.3749
	-1.8500	11.950	76.000	0.051990	-0.081296	-5.7820
	-2.3000	15.100	76.000	-0.023200	-0.018908	-5.2676
6 PL - Front	9.3000	0.0	78.900	0.42137	-0.86858	-2.3979
	9.3000	0.36500	78.900	0.43190	-0.86576	-2.5117
	9.3000	0.73000	78.900	0.44276	-0.86246	-2.6109
	9.3000	1.0950	78.900	0.45397	-0.85864	-2.7066
	9.3000	1.4600	78.900	0.46557	-0.85427	-2.8009
	9.3000	1.8250	78.900	0.47760	-0.84930	-2.8948
	9.3000	2.1900	78.900	0.49010	-0.84372	-2.9888
	9.3000	2.5550	78.900	0.50312	-0.83749	-3.0834
	9.3000	2.9200	78.900	0.51671	-0.83056	-3.1788
	9.3000	3.2850	78.900	0.53094	-0.82291	-3.2750
	9.3000	3.6500	78.900	0.54586	-0.81449	-3.3723
	9.3000	4.0150	78.900	0.56155	-0.80525	-3.4706
	9.3000	4.3800	78.900	0.57809	-0.79511	-3.5700
	9.3000	4.7450	78.900	0.59556	-0.78395	-3.6702
	9.3000	5.1100	78.900	0.61403	-0.77164	-3.7711
	9.3000	5.4750	78.900	0.63355	-0.75796	-3.8724
	9.3000	5.8400	78.900	0.65411	-0.74267	-3.9734
	9.3000	6.2050	78.900	0.67568	-0.72549	-4.0732
	9.3000	6.5700	78.900	0.69813	-0.70610	-4.1704
	9.3000	6.9350	78.900	0.72127	-0.68424	-4.2621
	9.3000	7.3000	78.900	0.74482	-0.65969	-4.3367
6 PL - Rear	9.3000	10.200	76.000	-0.033985	-0.056821	-5.0730
	9.3000	10.580	76.000	-0.031316	-0.053076	-5.2944
	9.3000	10.960	76.000	-0.028193	-0.049318	-5.4138
	9.3000	11.340	76.000	-0.024651	-0.045505	-5.4944
	9.3000	11.720	76.000	-0.020745	-0.041597	-5.5497
	9.3000	12.100	76.000	-0.016514	-0.037561	-5.5855
	9.3000	12.480	76.000	-0.012011	-0.033368	-5.6052
	9.3000	12.860	76.000	-0.0072778	-0.028981	-5.6105
	9.3000	13.240	76.000	-0.0023592	-0.024380	-5.6026
	9.3000	13.620	76.000	0.0027215	-0.019534	-5.5821
	9.3000	14.000	76.000	0.0079230	-0.014413	-5.5492
	9.3000	14.380	76.000	0.013223	-0.0089989	-5.5041
	9.3000	14.760	76.000	0.018595	-0.0032513	-5.4468
	9.3000	15.140	76.000	0.024027	0.0028543	-5.3767
	9.3000	15.520	76.000	0.029482	0.0093410	-5.2934
	9.3000	15.900	76.000	0.034951	0.016239	-5.1957
	9.3000	16.280	76.000	0.040412	0.023571	-5.0820
	9.3000	16.660	76.000	0.045838	0.031348	-4.9492
	9.3000	17.040	76.000	0.051217	0.039588	-4.7920
	9.3000	17.420	76.000	0.056517	0.048294	-4.5981
	9.3000	17.800	76.000	0.061724	0.057468	-4.3056
DS - Rear	-1.3000	17.800	76.000	-0.045698	0.035645	-4.4881
	-0.94667	17.800	76.000	-0.039678	0.030966	-4.7354
	-0.59333	17.800	76.000	-0.034226	0.026484	-4.8980
	-0.24000	17.800	76.000	-0.029332	0.022231	-5.0293
	0.11333	17.800	76.000	-0.024980	0.018272	-5.1402
	0.46667	17.800	76.000	-0.021142	0.014626	-5.2358
	0.82000	17.800	76.000	-0.017775	0.011349	-5.3189
	1.1733	17.800	76.000	-0.014850	0.0084727	-5.3911
	1.5267	17.800	76.000	-0.012314	0.0060251	-5.4534
	1.8800	17.800	76.000	-0.010114	0.0040381	-5.5067
	2.2333	17.800	76.000	-0.0081917	0.0025282	-5.5514
	2.5867	17.800	76.000	-0.0064864	0.0015049	-5.5881
	2.9400	17.800	76.000	-0.0049331	988.48E-6	-5.6176
	3.2933	17.800	76.000	-0.0034655	972.51E-6	-5.6407
	3.6467	17.800	76.000	-0.0020229	0.0014553	-5.6609

CLAYGATE & LONDON CLAY.

$E'/Cu = 0.8 \times Eu/Cu.$

$\nu' = 0.2$

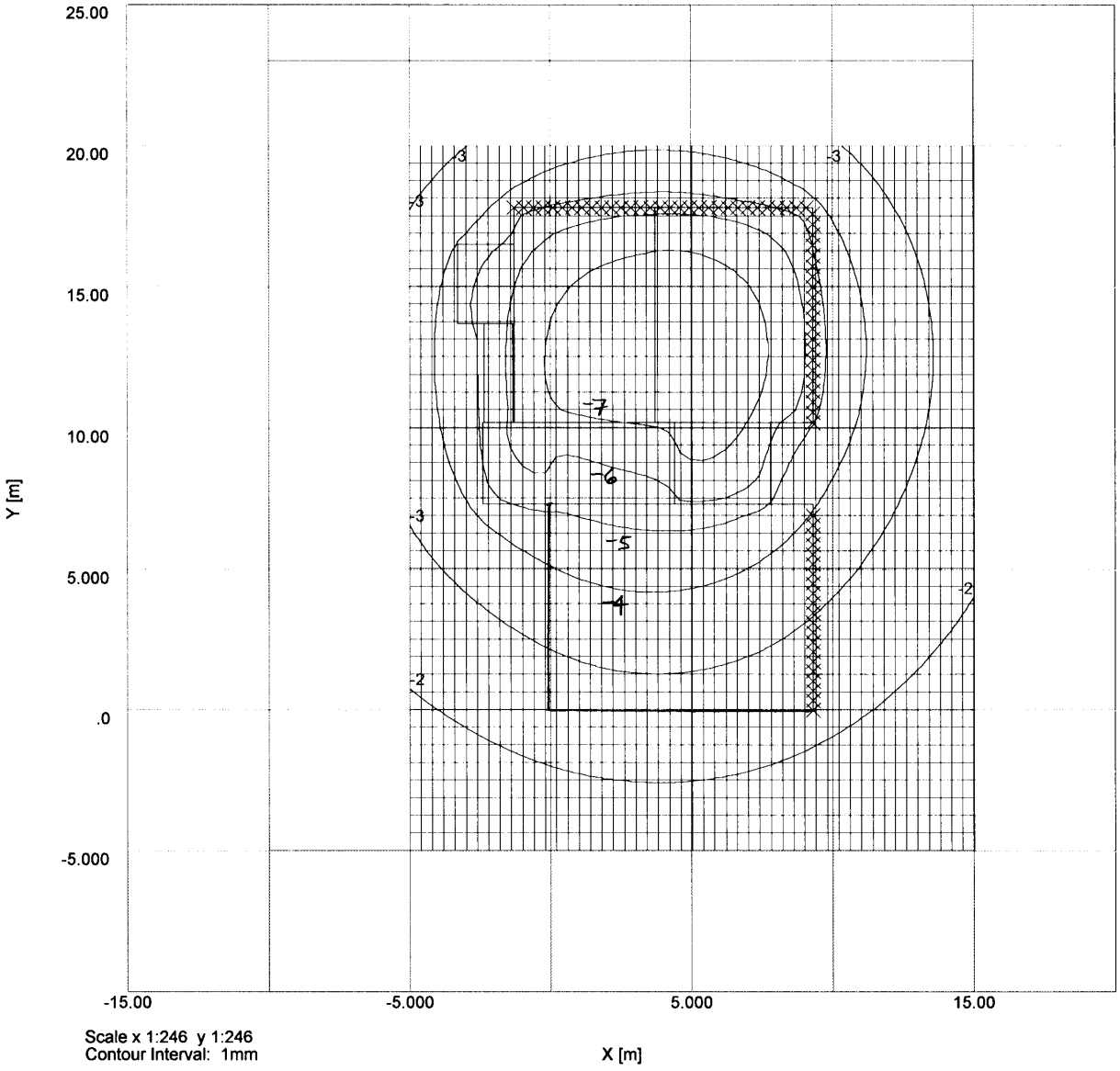
Oasys

8 Pilgrims Lane
Unloading Assessment
Long-Term - net load with base slab only

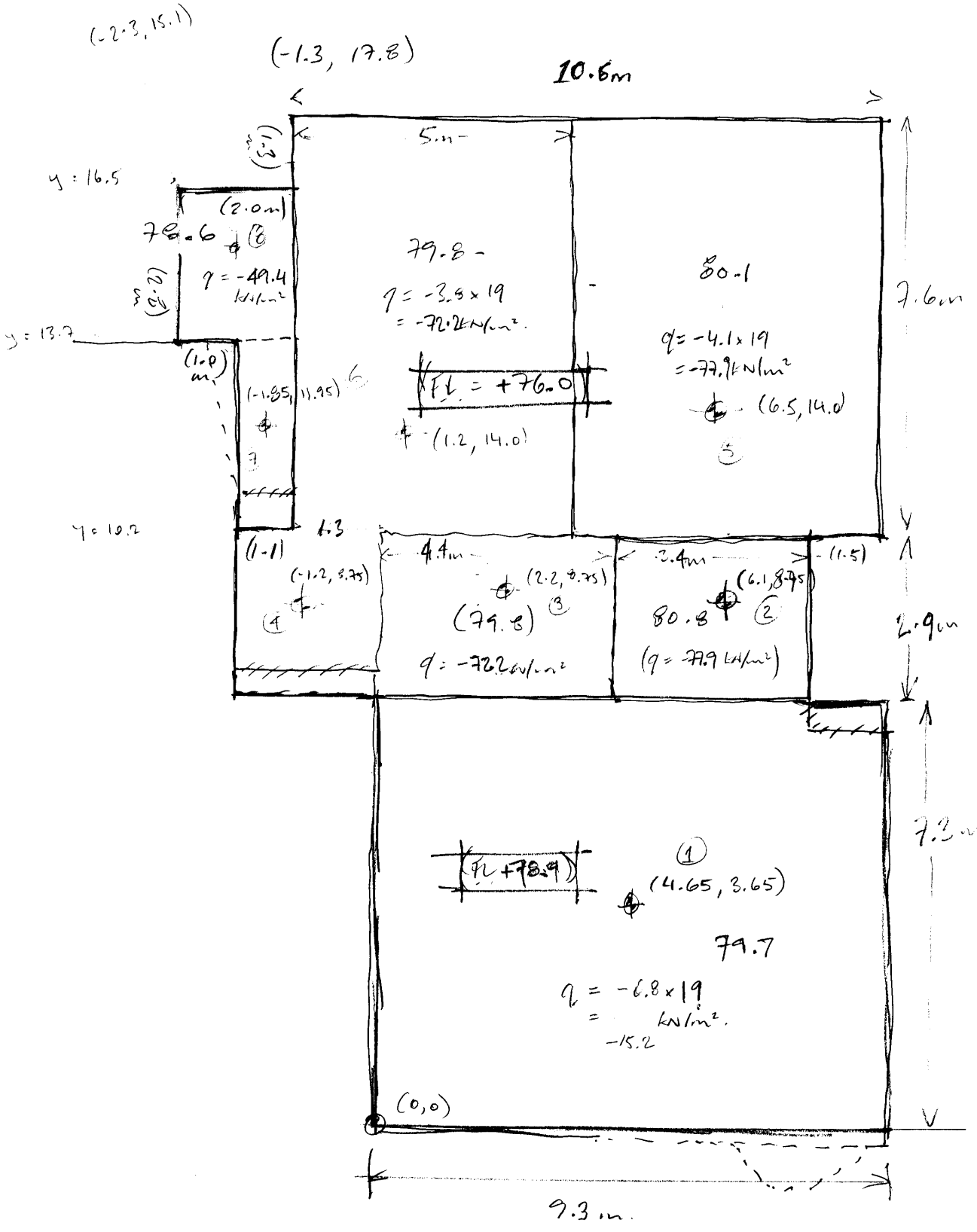
Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by ALP	Date 17-May-2013	Checked

(-ve = Heave)

Settlement Contours : Grid 1 at 76.00m



Scale x 1:246 y 1:246
Contour Interval: 1mm



(LOADS)

net kN/m².

L-T. ① : -8.24

② : -64.7

③ : -59.0

④ -59.0

⑤ -64.7

⑥ -59.0

⑦ -36.2

⑧ -36.2.

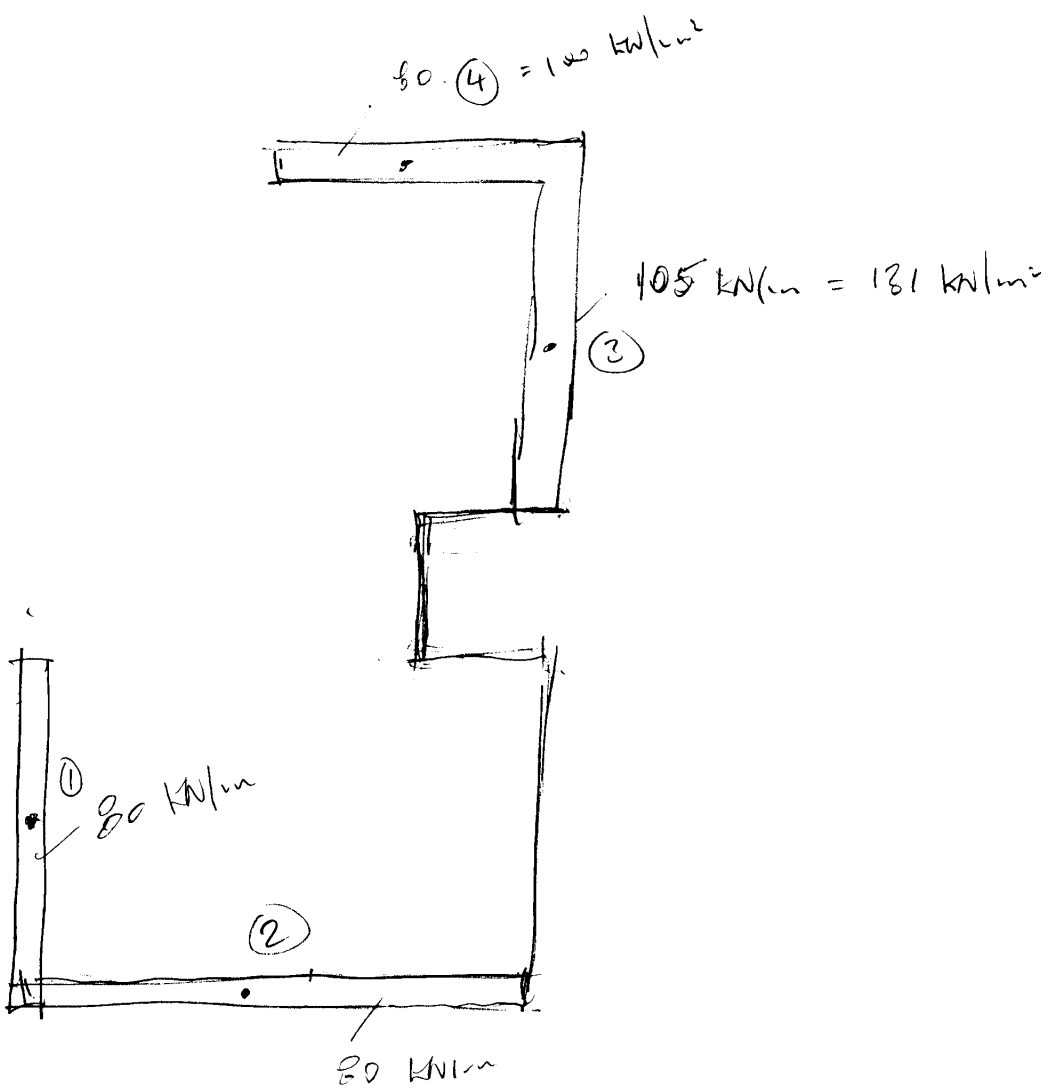
INCLUDING FOOTING LOADING.

Loads

PIN T.L. = +75.7m OD Deep. 105 kN/m

+78.6 Shallow

Say 0.8m wide



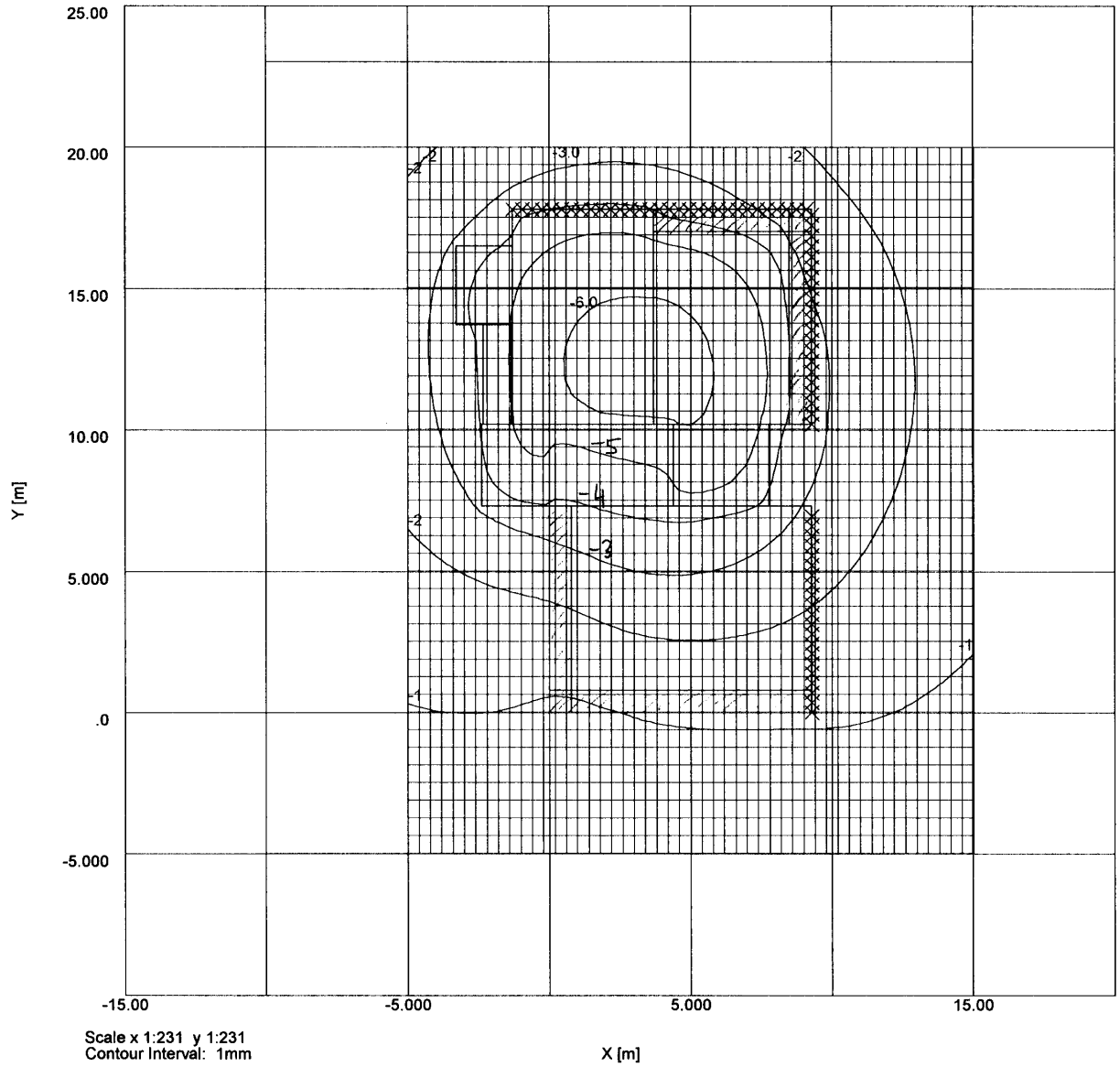
① centre $x = 0.4m$, $y = 3.65m$ $W_x = 0.8$; $W_y = 7.3$ ✓

② $x = 4.65m$; $y = 0.4$ $W_x = 9.3$; $W_y = 0.8$

③ x ~~14.0~~ 8.9 m ; y = ~~3.9~~ 14 $W_x = 0.8$, $W_y = 7.6$ 131 kN/m²

④ $x = 6.5m$; $y = 17.4$ $W_x = 5.6$ $W_y = 0.8$

Settlement Contours : Grid 1 at 76.00m



Scale x 1:231 y 1:231
Contour Interval: 1mm

8 Pilgrims Lane

Pin Settle & Unloading Assessment

Short-Term

Analysis Options

Analysis: Mindlin - Horizontal dispacements are calculated
Soil above horizontal load on horizontal plane dampens displacements below load : Yes
Soil above vertical load on horizontal plane dampens displacements below load : Yes
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: 0.0 [m OD]
Displacements at area centroids calculated.

Soil ProfilesSoil Profile 1

Layer	Level at top	Number of intermediate displacement levels	Youngs Modulus Top	Youngs Modulus Btm	Poissons ratio	Non-linear curve
	[mOD]		[kN/m²]	[kN/m²]		
1	82.000	6	40000.	40000.	0.20000	None
2	79.000	50	37500.	67500.	0.45500	None
3	74.000	64	75000.	87000.	0.45500	None

Soil Zones

Zone	X coordinates min [m]	X coordinates max [m]	Y coordinates min [m]	Y coordinates max [m]	Profile
1	-10.000	15.000	-5.0000	23.000	Soil Profile 1

Load Data

Load ref.	Orientation	Loaded plane Centre of load (Global) X [m]	Y [m]	Z(level) [m]	Angle of local x w.r.t. global X [Degrees]	Shape	Dimension Width x/ Depth y Radius [m]	[m]	Loads Load value Normal z [kN/m²]	Tangential x [kN/m²]	Tangential y [kN/m²]	Number of rectangles
1	Horizontal	4.6500	3.6500	78.900	0.0	Rectangular	9.3000	7.3000	-15.200	0.0	0.0	N/A
2	Horizontal	6.1000	8.7500	76.000	0.0	Rectangular	3.4000	2.9000	-77.900	0.0	0.0	N/A
3	Horizontal	2.2000	8.7500	78.900	0.0	Rectangular	4.4000	2.9000	-72.200	0.0	0.0	N/A
4	Horizontal	-1.2000	8.7500	76.000	0.0	Rectangular	2.4000	2.9000	-72.200	0.0	0.0	N/A
5	Horizontal	6.5000	14.000	76.000	0.0	Rectangular	5.6000	7.6000	-77.900	0.0	0.0	N/A
6	Horizontal	1.2000	14.000	76.000	0.0	Rectangular	5.0000	7.6000	-72.200	0.0	0.0	N/A
7	Horizontal	-1.8500	11.950	76.000	0.0	Rectangular	1.0000	3.5000	-49.400	0.0	0.0	N/A
8	Horizontal	-2.3000	15.100	76.000	0.0	Rectangular	2.0000	2.8000	-49.400	0.0	0.0	N/A
9	Horizontal	0.40000	3.6500	78.600	0.0	Rectangular	0.80000	7.3000	100.00	0.0	0.0	N/A
10	Horizontal	4.6500	0.40000	78.600	0.0	Rectangular	9.3000	0.80000	100.00	0.0	0.0	N/A
11	Horizontal	8.9000	14.000	75.700	0.0	Rectangular	0.80000	7.6000	131.00	0.0	0.0	N/A
12	Horizontal	6.5000	17.400	75.700	0.0	Rectangular	5.6000	0.80000	100.00	0.0	0.0	N/A

Displacement Data

Ref.	Type	Name	Direction of Extrusion	Line/Line for extrusion First point X [m]	First point Y [m]	First point Z(level) [m]	Second point X [m]	Second point Y [m]	Second point Z(level) [m]	No. of intrvls across extrusion/line	Extrusion Depth [m]	No. of intrvls along extrusion	Calculate	Show Detailed results
1	Line	6 PL - Front	N/A	9.3000	0.0	78.900	9.3000	7.3000	78.900	20	N/A	N/A	Yes	Yes
2	Line	6 PL - Rear	N/A	9.3000	10.200	76.000	9.3000	17.800	76.000	20	N/A	N/A	Yes	Yes
3	Line	DS - Rear	N/A	-1.3000	17.800	76.000	9.3000	17.800	76.000	30	N/A	N/A	Yes	Yes
4	Grid	Overall	Global X	-5.0000	-5.0000	76.000	N/A	20.000	76.000	40	20.000	50	Yes	Yes

RESULTS FOR GRIDS

Analysis: Mindlin
Maximum allowable ratio between values of E: 1.5
Displacements at area centroids calculated.

Type	Location X [m]	Location Y [m]	Z[Level] [mOD]	Displacement X [mm]	Displacement Y [mm]	Displacement Z [mm]
	4.6500	3.6500	78.900	0.057887	-0.22809	-2.8680
	6.1000	8.7500	76.000	-0.39723	0.18375	-5.3651
	2.2000	8.7500	78.900	-0.034493	-0.53026	-6.6207
	-1.2000	8.7500	76.000	0.53198	0.30200	-4.6931
	6.5000	14.000	76.000	-0.28769	-0.24558	-5.5382
	1.2000	14.000	76.000	0.19551	-0.30307	-6.0086
	-1.8500	11.950	76.000	0.47910	-0.064831	-4.6975
	-2.3000	15.100	76.000	0.37453	-0.23567	-4.2757
	0.40000	3.6500	78.600	0.086083	-0.086274	-1.1705
	4.6500	0.40000	78.600	0.070886	-0.062253	-0.35765
	8.9000	14.000	75.700	-0.62722	-0.20366	-3.1510
	6.5000	17.400	75.700	-0.27416	-0.57479	-3.3408
6 PL - Front	9.3000	0.0	78.900	0.0020027	-0.11503	-0.80319
	9.3000	0.36500	78.900	-0.037922	-0.18458	-0.79133
	9.3000	0.73000	78.900	-0.010986	-0.26469	-0.96379
	9.3000	1.0950	78.900	0.046313	-0.26437	-1.2482
	9.3000	1.4600	78.900	0.075820	-0.23931	-1.4324
	9.3000	1.8250	78.900	0.089990	-0.22443	-1.5797
	9.3000	2.1900	78.900	0.097929	-0.21691	-1.7105
	9.3000	2.5550	78.900	0.10314	-0.21447	-1.8321
	9.3000	2.9200	78.900	0.10728	-0.21592	-1.9481
	9.3000	3.2850	78.900	0.11133	-0.22051	-2.0601
	9.3000	3.6500	78.900	0.11596	-0.22769	-2.1690
	9.3000	4.0150	78.900	0.12169	-0.23696	-2.2754
	9.3000	4.3800	78.900	0.12892	-0.24784	-2.3795
	9.3000	4.7450	78.900	0.13802	-0.25980	-2.4812
	9.3000	5.1100	78.900	0.14926	-0.27230	-2.5805
	9.3000	5.4750	78.900	0.16285	-0.28470	-2.6770
	9.3000	5.8400	78.900	0.17891	-0.29632	-2.7702
	9.3000	6.2050	78.900	0.19742	-0.30644	-2.8589
	9.3000	6.5700	78.900	0.21825	-0.31434	-2.9413
	9.3000	6.9350	78.900	0.24109	-0.31937	-3.0139
	9.3000	7.3000	78.900	0.26550	-0.32110	-3.0604
6 PL - Rear	9.3000	10.200	76.000	-0.55702	0.14821	-3.2423
	9.3000	10.580	76.000	-0.60190	0.093220	-3.2410
	9.3000	10.960	76.000	-0.61632	0.040054	-3.2432
	9.3000	11.340	76.000	-0.61891	462.71E-6	-3.2498
	9.3000	11.720	76.000	-0.61688	-0.031819	-3.2526
	9.3000	12.100	76.000	-0.61248	-0.059928	-3.2489
	9.3000	12.480	76.000	-0.60656	-0.085297	-3.2376
	9.3000	12.860	76.000	-0.59954	-0.10860	-3.2182
	9.3000	13.240	76.000	-0.59166	-0.13018	-3.1906
	9.3000	13.620	76.000	-0.58312	-0.15020	-3.1545
	9.3000	14.000	76.000	-0.57407	-0.16872	-3.1097
	9.3000	14.380	76.000	-0.56468	-0.18575	-3.0557
	9.3000	14.760	76.000	-0.55515	-0.20127	-2.9922
	9.3000	15.140	76.000	-0.54576	-0.21518	-2.9185
	9.3000	15.520	76.000	-0.53695	-0.22732	-2.8334
	9.3000	15.900	76.000	-0.52953	-0.23735	-2.7348
	9.3000	16.280	76.000	-0.52532	-0.24445	-2.6181
	9.3000	16.660	76.000	-0.52940	-0.24763	-2.4713
	9.3000	17.040	76.000	-0.55033	-0.26920	-2.2596
	9.3000	17.420	76.000	-0.54260	-0.36434	-2.1188
	9.3000	17.800	76.000	-0.45523	-0.45538	-2.1372
DS - Rear	-1.3000	17.800	76.000	0.24652	-0.34443	-3.4807
	-0.94667	17.800	76.000	0.23298	-0.35588	-3.6926
	-0.59333	17.800	76.000	0.21802	-0.36680	-3.8252
	-0.24000	17.800	76.000	0.20173	-0.37707	-3.9279
	0.11333	17.800	76.000	0.18425	-0.38662	-4.0108
	0.46667	17.800	76.000	0.16575	-0.39539	-4.0783
	0.82000	17.800	76.000	0.14644	-0.40332	-4.1324
	1.1733	17.800	76.000	0.12659	-0.41037	-4.1742
	1.5267	17.800	76.000	0.10656	-0.41653	-4.2040
	1.8800	17.800	76.000	0.086826	-0.42187	-4.2216
	2.2333	17.800	76.000	0.068147	-0.42659	-4.2260
	2.5867	17.800	76.000	0.051769	-0.43121	-4.2150
	2.9400	17.800	76.000	0.040022	-0.43717	-4.1837