



GEA LIMITED (GEOTECHNICAL & ENV ASSOC)

Rear of 159-163 King's Cross Road, London WC1X 9BN
Wall Installation only Issue 4

Job No.	Sheet No.	Rev.
J16180		
Drg. Ref.		
Made by	Date 07-Mar-2017	Checked

Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
5.2286	45.50000	58.52857	-4.00000	0.0	0.0	0.0
6.1000	45.50000	59.40000	-4.00000	0.0	0.0	0.0

Structure: 0 | Sub-structure:

Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
	[m]	[m]	[m]	[mm]	[mm]	
	0.0	37.70000	52.20000	-0.68000	0.0	0.0
0.92000	37.70000	51.28000	-0.68000	0.0	-0.66667	0.0
1.8400	37.70000	50.36000	-0.68000	0.0	-0.97333	0.0
2.7600	37.70000	49.44000	-0.68000	0.0	-1.2800	0.0
3.6800	37.70000	48.52000	-0.68000	-935.53E-6	-1.6020	-935.53E-6
4.6000	37.70000	47.60000	-0.68000	-0.021851	-2.2093	-0.021851
				-0.050431	-2.7926	-0.050431

Structure: P | Sub-structure: Sub #

Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
	[m]	[m]	[m]	[mm]	[mm]	
	0.0	45.50000	53.30000	-1.85000	-0.010479	-0.29865
0.95000	45.50000	52.35000	-1.85000	-0.025883	0.61472	-0.025883
1.9000	45.50000	51.40000	-1.85000	-0.048963	0.93029	-0.048963
2.8500	45.50000	50.45000	-1.85000	-0.087341	1.2446	-0.087341
3.8000	45.50000	49.50000	-1.85000	-0.16364	1.5546	-0.16364
4.7500	45.50000	48.55000	-1.85000	-0.38656	1.8361	-0.38656
5.7000	45.50000	47.60000	-1.85000	-2.0693	0.52721	-2.0693

Structure: Q | Sub-structure:

Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
	[m]	[m]	[m]	[mm]	[mm]	
	0.0	41.90000	52.20000	-0.65000	0.0	0.0
0.92000	41.90000	51.28000	-0.65000	0.0	-0.66667	0.0
1.8400	41.90000	50.36000	-0.65000	0.0	-0.97333	0.0
2.7600	41.90000	49.44000	-0.65000	0.0	-1.2800	0.0
3.6800	41.90000	48.52000	-0.65000	0.0	-1.5867	0.0
4.6000	41.90000	47.60000	-0.65000	-0.0028569	-2.2029	-0.0028569

Structure: R | Sub-structure:

Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
	[m]	[m]	[m]	[mm]	[mm]	
	0.0	33.00000	50.30000	-0.50000	0.36398	-0.21364
0.92635	32.95000	49.37500	-0.50000	0.50788	-0.22927	0.20153
1.8527	32.90000	48.45000	-0.50000	0.62895	-0.44931	0.41471
2.7791	32.85000	47.52500	-0.50000	0.69542	-0.67257	0.63406
3.7054	32.80000	46.60000	-0.50000	0.76922	-0.96784	0.92491
4.6318	32.75000	45.67500	-0.50000	0.90023	-1.2465	1.1961
5.5581	32.70000	44.75000	-0.50000	1.1585	-1.4703	1.4056
6.4845	32.65000	43.82500	-0.50000	1.7469	-1.4298	1.3334
7.4108	32.60000	42.90000	-0.50000	2.5390	-0.15905	0.021775

Structure: S | Sub-structure:

Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
	[m]	[m]	[m]	[mm]	[mm]	
	0.0	54.40000	58.50000	-0.50000	0.0	0.0
1.9375	55.56250	56.95000	-0.50000	0.0	0.0	0.0
3.8750	56.72500	55.40000	-0.50000	0.0	0.0	0.0
5.8125	57.88750	53.85000	-0.50000	0.0	0.0	0.0
7.7500	59.05000	52.30000	-0.50000	0.0	0.0	0.0
9.6875	60.21250	50.75000	-0.50000	0.0	0.0	0.0
11.625	61.37500	49.20000	-0.50000	0.0	0.0	0.0
13.562	62.53750	47.65000	-0.50000	0.0	0.0	0.0
15.500	63.70000	46.10000	-0.50000	0.0	0.0	0.0
17.438	64.86250	44.55000	-0.50000	0.0	0.0	0.0
19.375	66.02500	43.00000	-0.50000	0.0	0.0	0.0
21.313	67.18750	41.45000	-0.50000	0.0	0.0	0.0
23.250	68.35000	39.90000	-0.50000	0.0	0.0	0.0
25.188	69.51250	38.35000	-0.50000	0.0	0.0	0.0
27.125	70.67500	36.80000	-0.50000	0.0	0.0	0.0
29.063	71.83750	35.25000	-0.50000	0.0	0.0	0.0
31.000	73.00000	33.70000	-0.50000	0.0	0.0	0.0

Structure: T | Sub-structure:

Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
	[m]	[m]	[m]	[mm]	[mm]	
	0.0	45.50000	53.30000	-0.50000	0.010479	-0.22778
1.9859	46.73158	51.74211	-0.50000	-0.24145	-0.69861	0.39831
3.9718	47.96316	50.18421	-0.50000	-0.69114	-0.67065	0.097493
5.9577	49.19474	48.62632	-0.50000	-0.82913	-0.21849	-0.34280
7.9436	50.42632	47.06842	-0.50000	-0.56968	-0.14514	-0.23943
9.9295	51.65789	45.51053	-0.50000	-0.30842	-0.078578	-0.12962
11.915	52.88947	43.95263	-0.50000	-0.047155	-0.012014	-0.019819
13.901	54.12105	42.39474	-0.50000	0.0	0.0	0.0
15.887	55.35263	40.83684	-0.50000	0.0	0.0	0.0
17.873	56.58421	39.27895	-0.50000	0.0	0.0	0.0
19.859	57.81579	37.72105	-0.50000	-0.53491	-0.13160	-0.22849
21.845	59.04737	36.16316	-0.50000	-0.37959	-0.073330	-0.17788
23.831	60.27895	34.60526	-0.50000	-0.21702	-0.041924	-0.10170
25.817	61.51053	33.04737	-0.50000	-0.057977	-0.011200	-0.027169
27.803	62.74211	31.48947	-0.50000	0.0	0.0	0.0
29.789	63.97368	29.93158	-0.50000	0.0	0.0	0.0
31.774	65.20526	28.37368	-0.50000	0.0	0.0	0.0
33.760	66.43684	26.81579	-0.50000	0.0	0.0	0.0
35.746	67.66842	25.25789	-0.50000	0.0	0.0	0.0
37.732	68.90000	23.70000	-0.50000	0.0	0.0	0.0

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	07-Mar-2017	

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

Structure: U | Sub-structure:

Dist.	Coordinates			Displacements		
	x y		z	Horizontal displacement along the line		Horizontal displacement perpendicular to line
	[m]	[m]	[m]	[mm]	[mm]	[mm]
	0.0	63.00000	47.00000	-0.50000	0.0	0.0
0.98600	62.21000	46.41000	-0.50000	0.0	0.0	0.0
1.9720	61.42000	45.82000	-0.50000	0.0	0.0	0.0
2.9580	60.63000	45.23000	-0.50000	0.0	0.0	0.0
3.9440	59.84000	44.64000	-0.50000	0.0	0.0	0.0
4.9300	59.05000	44.05000	-0.50000	0.0	0.0	0.0
5.9160	58.26000	43.46000	-0.50000	0.0	0.0	0.0
6.9020	57.47000	42.87000	-0.50000	0.0	0.0	0.0
7.8880	56.68000	42.28000	-0.50000	0.0	0.0	0.0
8.8740	55.89000	41.69000	-0.50000	0.0	0.0	0.0
9.8600	55.10000	41.10000	-0.50000	0.0	0.0	0.0

Structure: V | Sub-structure:

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal	Horizontal
						displacement along the line	displacement perpendicular to line
[m]	[m]	[m]	[m]	[mm]	[mm]	Line [mm]	[mm]
0	55.10000	41.10000	-0.50000	0.0	0.0	0.0	0.0
9.91001	54.37500	40.00000	-0.50000	0.0	0.0	0.0	0.0
1.6200	53.65000	40.00000	-0.50000	-0.12432	-0.031675	0.11819	-0.049093
2.7300	52.92500	39.45000	-0.50000	-0.39512	-0.10067	0.37563	-0.15860
3.6401	52.20000	38.90000	-0.50000	-0.66592	-0.16966	0.63307	-0.26736

Structure: W | Sub-structure:

Dist.	Coordinates			Displacements		
	x	y	z	x	y	Horizontal displacement along the Line
	[m]	[m]	[m]	[mm]	[mm]	[mm]
0	52.20000	38.90000	-1.70000	-0.66592	-0.16966	-0.27491
0.57089	52.55000	38.45000	-1.70000	-0.59225	-0.15089	-0.24450
1.1402	52.90000	38.00000	-1.70000	-0.51858	-0.13212	-0.21409
						Horizontal displacement perpendicular to Line
						[mm]
						-0.62981
						-0.56013
						-0.49046

Structure: X | Sub-structure:

Dist.	Coordinates				Displacements			
	x		y		z		y	
	Horizontal displacement along the line		Horizontal displacement perpendicular to line		Horizontal displacement along the line		Horizontal displacement perpendicular to line	
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
0.0	66.40000	42.50000	-0.50000	0.0	0.0	0.0	0.0	
0.97281	65.62000	41.92000	-0.50000	0.0	0.0	0.0	0.0	
1.9440	64.84000	41.34000	-0.50000	0.0	0.0	0.0	0.0	
2.9160	64.06000	40.76000	-0.50000	0.0	0.0	0.0	0.0	
3.8880	63.28000	40.18000	-0.50000	0.0	0.0	0.0	0.0	
4.8600	62.50000	39.60000	-0.50000	0.0	0.0	0.0	0.0	
5.8320	61.72000	39.02000	-0.50000	0.0	0.0	0.0	0.0	
6.8041	60.94000	38.44000	-0.50000	0.0	0.0	0.0	0.0	
7.7760	60.16000	37.86000	-0.50000	-0.12808	0.028600	0.19060	-0.055311	
8.7481	59.38000	37.28000	-0.50000	-0.28321	0.054712	0.25991	-0.125909	
9.7201	58.60000	36.70000	-0.50000	-0.44105	0.085202	0.04476	-0.29484	

Structure: Y | Sub-structure:

Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
	[m]	[m]	[m]	[mm]	[mm]	[mm]
0 0	56.6000	36.7000	-1.4000	-0.44105	-0.085202	0.190668
0.0101	57.87500	35.15000	-1.40000	-0.59399	-0.11475	-0.26758
1.8200	57.15000	35.06000	-1.40000	-0.75453	-0.14576	-0.33990
2.8300	56.42500	35.05000	-1.40000	-0.92454	-0.17869	-0.41649
3.81	55.70000	35.00000	-1.40000	-1.1059	-0.2192	-0.49819

Structure: Z | Sub-structure:

Dist.	Coordinates					Displacements	
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	69.70000	38.10000	-0.50000	0.0	0.0	0.0	0.0
0.95802	68.93000	37.53000	-0.50000	0.0	0.0	0.0	0.0
1.9160	68.16000	36.96000	-0.50000	0.0	0.0	0.0	0.0
2.8741	67.39000	36.39000	-0.50000	0.0	0.0	0.0	0.0
3.8321	66.62000	35.82000	-0.50000	0.0	0.0	0.0	0.0
4.7901	65.85000	35.25000	-0.50000	0.0	0.0	0.0	0.0
5.7481	65.08000	34.68000	-0.50000	0.0	0.0	0.0	0.0
6.7061	64.31000	34.11000	-0.50000	0.0	0.0	0.0	0.0
7.6642	63.54000	33.54000	-0.50000	0.0	0.0	0.0	0.0
8.6222	62.77000	32.97000	-0.50000	0.0	0.0	0.0	0.0
9.5802	62.00000	32.40000	-0.50000	0.0	0.0	0.0	0.0

Structure: AA | Sub-structure:

[illegible]

Structure: AB | Sub-structure:

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



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Made by	Date 07-Mar-2017	Checked

[m]	[m]	[m]	[m]	[mm]	[mm]	Line [mm]	to Line [mm]
0.0	73.00000	33.70000	-0.50000	0.0	0.0	0.0	0.0
0.94626	72.23000	33.15000	-0.50000	0.0	0.0	0.0	0.0
1.8925	71.46000	32.60000	-0.50000	0.0	0.0	0.0	0.0
2.8388	70.69000	32.05000	-0.50000	0.0	0.0	0.0	0.0
3.7850	69.92000	31.50000	-0.50000	0.0	0.0	0.0	0.0
4.7313	69.15000	30.95000	-0.50000	0.0	0.0	0.0	0.0
5.6775	68.38000	30.40000	-0.50000	0.0	0.0	0.0	0.0
6.6238	67.61000	29.85000	-0.50000	0.0	0.0	0.0	0.0
7.5700	66.84000	29.30000	-0.50000	0.0	0.0	0.0	0.0
8.5163	66.07000	28.75000	-0.50000	0.0	0.0	0.0	0.0
9.4626	65.30000	28.20000	-0.50000	0.0	0.0	0.0	0.0

Structure: AC | Sub-structure:

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	65.30000	28.20000	-0.50000	0.0	0.0	0.0	0.0
0.84673	64.61667	27.70000	-0.50000	0.0	0.0	0.0	0.0
1.6935	63.93333	27.20000	-0.50000	0.0	0.0	0.0	0.0
2.5402	63.25000	26.70000	-0.50000	0.0	0.0	0.0	0.0
3.3869	62.56667	26.20000	-0.50000	-0.050776	0.0016292	0.040016	-0.031290
4.2336	61.88333	25.70000	-0.50000	-0.16619	0.012694	0.12663	-0.10838
5.0804	61.20000	25.20000	-0.50000	-0.27711	0.034951	0.20300	-0.19184

Structure: AD | Sub-structure:

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	61.20000	25.20000	-1.46000	-0.27711	0.034951	0.27930	571.43E-6
0.98298	60.22500	25.32500	-1.46000	-0.45617	0.057443	0.45977	0.0010313
1.9650	59.25000	25.45000	-1.46000	-0.64379	0.080914	0.64805	0.0016105
2.9489	58.27500	25.57500	-1.46000	-0.84331	0.10574	0.84991	0.0023612
3.9319	57.30000	25.70000	-1.46000	-1.0581	0.13226	1.0663	0.0033637
4.9149	56.32500	25.82500	-1.46000	-1.2914	0.16078	1.3014	0.0047485
5.8979	55.35000	25.95000	-1.46000	-1.5467	0.19149	1.5585	0.0067433
6.8809	54.37500	26.07500	-1.46000	-1.8272	0.22439	1.8409	0.0097834
7.8638	53.40000	26.20000	-1.46000	-2.1365	0.25897	2.1521	0.014819

Structure: AE | Sub-structure:

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	61.20000	25.20000	-0.50000	-0.27711	0.034951	-0.018123	-0.27872
0.82651	61.15000	24.37500	-0.50000	-0.25900	0.052152	-0.036388	-0.26168
1.6530	61.10000	23.55000	-0.50000	-0.22982	0.063722	-0.049703	-0.23325
2.4795	61.05000	22.72500	-0.50000	-0.19105	0.067611	-0.055929	-0.19479
3.3061	61.00000	21.90000	-0.50000	-0.14450	0.062308	-0.053452	-0.14801

Structure: AF | Sub-structure:

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	50.30000	26.50000	-1.46000	-3.0050	1.5025	-1.2155	-3.1321
0.80351	50.22500	25.70000	-1.46000	-0.42097	3.0310	-2.9785	-0.70208
1.6070	50.15000	24.90000	-1.46000	-0.080493	2.7368	-2.7173	-0.33559
2.4105	50.07500	24.10000	-1.46000	0.024375	2.4375	-2.4291	-0.20325
3.2140	50.00000	23.30000	-1.46000	0.065415	2.1587	-2.1554	-0.13636

Structure: AG | Sub-structure:

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	50.00000	23.30000	-0.50000	0.065415	2.1587	-0.21217	2.1492
1.9046	51.88889	23.05556	-0.50000	-0.87598	1.7356	-1.0915	1.6089
3.8093	53.77778	22.81111	-0.50000	-1.0873	1.1202	-1.2221	0.97138
5.7139	55.66667	22.56667	-0.50000	-0.93546	0.67779	-1.0147	0.55212
7.6186	57.55556	22.32222	-0.50000	-0.67254	0.38588	-0.71650	0.29638
9.5232	59.44444	22.07778	-0.50000	-0.38425	0.18595	-0.40493	0.13510
11.428	61.33333	21.83333	-0.50000	-0.090654	0.038467	-0.094841	0.026515
13.332	63.22222	21.58889	-0.50000	0.0	0.0	0.0	0.0
15.237	65.11111	21.34444	-0.50000	0.0	0.0	0.0	0.0
17.142	67.00000	21.10000	-0.50000	0.0	0.0	0.0	0.0

Structure: AH | Sub-structure:

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	59.00000	20.70000	-0.50000	-0.31010	0.20557	0.33090	-0.17007
0.90554	58.10000	20.80000	-0.50000	-0.42174	0.30576	0.45292	-0.25732
1.8111	57.20000	20.90000	-0.50000	-0.52410	0.42076	0.56736	-0.36031
2.7166	56.30000	21.00000	-0.50000	-0.61263	0.55334	0.66999	-0.48231
3.6222	55.40000	21.10000	-0.50000	-0.68014	0.70580	0.75392	-0.62638
4.5277	54.50000	21.20000	-0.50000	-0.71610	0.87885	0.80877	-0.79440
5.4332	53.60000	21.30000	-0.50000	-0.70639	1.0697	0.82020	-0.98513
6.3388	52.70000	21.40000	-0.50000	-0.63439	1.2688	0.77063	-1.1910

Structure: AI | Sub-structure: Sub #

Dist.	Coordinates			Displacements			
	x	y	z	x	y	Horizontal displacement along the Line	Horizontal displacement perpendicular to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0.0	52.70000	21.40000	-0.50000	-0.63439	1.2688	-1.1640	-0.81085



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Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
0.97015	52.56000	20.44000	-0.50000	-0.44983	1.1264	-0.60767
1.9403	52.42000	19.48000	-0.50000	-0.31402	0.96371	-0.44980
2.9105	52.28000	18.52000	-0.50000	-0.21426	0.79414	-0.32662
3.8806	52.14000	17.56000	-0.50000	-0.14086	0.62420	-0.22946
4.8508	52.00000	16.60000	-0.50000	-0.086733	0.45649	-0.15170
Structure: AJ Sub-structure: Sub #						
Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
					Line	to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]
0.0	52.00000	16.60000	-0.50000	-0.086733	0.45649	0.14207
0.99641	51.01111	16.72222	-0.50000	-0.047174	0.51143	0.10955
1.9928	50.02222	16.84444	-0.50000	0.0043440	0.54487	0.062523
2.9892	49.03333	16.96667	-0.50000	0.061313	0.55373	0.0070721
3.9857	48.04444	17.08889	-0.50000	0.073968	0.55065	-0.0058654
4.9821	47.05556	17.21111	-0.50000	0.073698	0.54864	-0.0058440
5.9785	46.06667	17.33333	-0.50000	0.073429	0.54664	-0.0058227
6.9749	45.07778	17.45556	-0.50000	0.073160	0.54464	-0.0058014
7.9713	44.08889	17.57778	-0.50000	0.072891	0.54264	-0.0057801
8.9677	43.10000	17.70000	-0.50000	0.072623	0.54064	-0.0057587
Structure: AK Sub-structure: Sub #						
Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
					Line	to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]
0.0	43.10000	17.70000	-0.50000	0.072623	0.54064	0.54547
0.98995	43.24000	18.68000	-0.50000	0.098663	0.73449	0.74106
1.9799	43.38000	19.66000	-0.50000	0.12653	0.94195	0.95038
2.9698	43.52000	20.64000	-0.50000	0.15688	1.1664	1.1769
3.9598	43.66000	21.62000	-0.50000	0.18958	1.4113	1.4239
4.9497	43.80000	22.60000	-0.50000	0.22566	1.6799	1.6950
Structure: AL Sub-structure: Sub #						
Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
					Line	to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]
0.0	43.80000	22.60000	-0.50000	0.22566	1.6799	-0.011113
0.94763	42.86000	22.72000	-0.50000	0.22542	1.6782	-0.011101
1.8953	41.92000	22.84000	-0.50000	0.22519	1.6764	-0.011090
2.8429	40.98000	22.96000	-0.50000	0.22495	1.6746	-0.011078
3.7905	40.04000	23.08000	-0.50000	0.22471	1.6729	-0.011066
4.7381	39.10000	23.20000	-0.50000	0.22448	1.6711	-0.011055
Structure: AM Sub-structure: Sub #						
Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
					Line	to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]
0.0	39.10000	23.20000	-0.50000	0.22448	1.6711	-1.6831
0.90247	39.03333	22.30000	-0.50000	0.19160	1.4263	-1.4366
1.8049	38.96667	21.40000	-0.50000	0.16138	1.2014	-1.2101
2.7074	38.90000	20.50000	-0.50000	0.13350	0.99382	-1.0010
Structure: AN Sub-structure: Sub #						
Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
					Line	to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]
0.0	38.90000	20.50000	-0.50000	0.13350	0.99382	0.016888
0.83442	38.07500	20.62500	-0.50000	0.13392	0.99694	0.016941
1.6688	37.25000	20.75000	-0.50000	0.13434	1.0001	0.016994
2.5032	36.42500	20.87500	-0.50000	0.13476	1.0032	0.017047
3.3377	35.60000	21.00000	-0.50000	0.14927	1.0042	0.0028459
Structure: AO Sub-structure: Sub #						
Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
					Line	to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]
0.0	35.60000	21.00000	-0.50000	0.14927	1.0042	1.0148
0.83931	35.70000	21.83333	-0.50000	0.18226	1.1969	1.2100
1.6786	35.80000	22.66667	-0.50000	0.22040	1.4040	1.4203
2.5179	35.90000	23.50000	-0.50000	0.26570	1.6274	1.6475
Structure: AP Sub-structure: Sub #						
Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
					Line	to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]
0.0	35.90000	23.50000	-0.50000	0.26570	1.6274	-0.0067090
0.89107	35.02000	23.64000	-0.50000	0.54104	1.5329	-0.29347
1.7821	34.14000	23.78000	-0.50000	0.75645	1.3652	-0.53257
2.6732	33.26000	23.92000	-0.50000	0.89039	1.1596	-0.69715
3.5643	32.38000	24.06000	-0.50000	0.94460	0.94990	-0.78377
4.4553	31.50000	24.20000	-0.50000	0.93395	0.75434	-0.80383
Structure: AQ Sub-structure: Sub #						
Dist.	Coordinates			Displacements		
	x	y	z	x	y	
					Horizontal displacement along the	Horizontal displacement perpendicular
					Line	to Line
[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]
0.0	31.50000	24.20000	-0.50000	0.93395	0.75434	-0.87884
0.98995	31.36000	23.22000	-0.50000	0.73542	0.71338	-0.81022



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Dist.	Coordinates			Displacements		
	x	y	z	x	y	Horizontal displacement along the Horizontal displacement perpendicular
1.9799	31.22000	22.24000	-0.50000	0.56410	0.63410	-0.70750 0.46876
2.9698	31.08000	21.26000	-0.50000	0.41797	0.53102	-0.58480 0.33868
3.9598	30.94000	20.28000	-0.50000	0.29322	0.41337	-0.45068 0.23182
4.9497	30.80000	19.30000	-0.50000	0.18575	0.28650	-0.30989 0.14337

Structure: AR | Sub-structure: Sub #

Dist.	Coordinates			Displacements		
	x	y	z	x	y	Horizontal displacement along the Horizontal displacement perpendicular
[m]	[m]	[m]	[m]	[mm]	[mm]	Line to Line [mm] [mm]
0.0	35.60000	12.40000	-0.50000	0.0	0.0	0.0 0.0
0.94130	35.72222	13.33333	-0.50000	0.0	0.0	0.0 0.0
1.8026	35.84444	14.26667	-0.50000	0.0	0.0	0.0 0.0
2.8239	35.96667	15.20000	-0.50000	0.0	0.0	0.0 0.0
3.7652	36.08889	16.13333	-0.50000	0.012264	0.091299	0.092119 -305.62E-6
4.7065	36.21111	17.06667	-0.50000	0.034558	0.25726	0.25957 -861.16E-6
5.6478	36.33333	18.00000	-0.50000	0.057449	0.42768	0.43152 -0.0014316
6.5891	36.45556	18.93333	-0.50000	0.081331	0.60546	0.61090 -0.0020267
7.5394	36.57778	19.86667	-0.50000	0.10659	0.79353	0.80065 -0.0026563
8.4717	36.70000	20.80000	-0.50000	0.13363	0.99480	1.0037 -0.0033300

Structure: AS | Sub-structure: Sub #

Dist.	Coordinates			Displacements		
	x	y	z	x	y	Horizontal displacement along the Horizontal displacement perpendicular
[m]	[m]	[m]	[m]	[mm]	[mm]	Line to Line [mm] [mm]
0.0	44.70000	9.30000	-0.50000	0.0	0.0	0.0 0.0
0.90683	44.81111	10.20000	-0.50000	0.0	0.0	0.0 0.0
1.8137	44.92222	11.10000	-0.50000	0.0	0.0	0.0 0.0
2.7205	45.03333	12.00000	-0.50000	0.0	0.0	0.0 0.0
3.6273	45.14444	12.90000	-0.50000	0.0	0.0	0.0 0.0
4.5342	45.25556	13.80000	-0.50000	0.0	0.0	0.0 0.0
5.4410	45.36667	14.70000	-0.50000	0.0079098	0.058884	0.059410 -635.34E-6
6.3478	45.47778	15.60000	-0.50000	0.029310	0.21820	0.22014 -0.0023543
7.2547	45.58889	16.50000	-0.50000	0.051180	0.36101	0.38441 -0.0041110
8.1615	45.70000	17.40000	-0.50000	0.073871	0.54993	0.55484 -0.0059335

Structure: AT | Sub-structure: Sub #

Dist.	Coordinates			Displacements		
	x	y	z	x	y	Horizontal displacement along the Horizontal displacement perpendicular
[m]	[m]	[m]	[m]	[mm]	[mm]	Line to Line [mm] [mm]
0.0	54.50000	10.00000	-0.50000	0.0	0.0	0.0 0.0
1.8461	54.71667	11.83333	-0.50000	0.0	0.0	0.0 0.0
3.6922	54.93333	13.66667	-0.50000	0.0	0.0	0.0 0.0
5.5383	55.15000	15.50000	-0.50000	-0.041370	0.090931	0.085447 0.051756
7.3844	55.36667	17.33333	-0.50000	-0.18559	0.32654	0.30250 0.22263
9.2305	55.58333	19.16667	-0.50000	-0.38342	0.51978	0.47118 0.44178
11.077	55.80000	21.00000	-0.50000	-0.64416	0.63285	0.55288 0.71398

Structure: AU | Sub-structure:

Dist.	Coordinates			Displacements		
	x	y	z	x	y	Horizontal displacement along the Horizontal displacement perpendicular
[m]	[m]	[m]	[m]	[mm]	[mm]	Line to Line [mm] [mm]
0.0	33.10000	38.60000	-2.00000	3.0357	-0.18792	-3.0415 0.016867
0.88891	32.21250	38.65000	-2.00000	2.4442	-0.15386	-2.4489 0.016131
1.7778	31.32500	38.70000	-2.00000	1.8526	-0.11979	-1.8564 0.015394
2.6667	30.43750	38.75000	-2.00000	1.3047	-0.087815	-1.3075 0.014289
3.5556	29.55000	38.80000	-2.00000	1.0091	-0.067918	-1.0113 0.013052
4.4445	28.66250	38.85000	-2.00000	0.71344	-0.048020	-0.71502 0.0078139
5.3334	27.77500	38.90000	-2.00000	0.41783	-0.028123	-0.41875 0.0045762
6.2224	26.88750	38.95000	-2.00000	0.12221	-0.0082258	-0.12248 0.0013385
7.1113	26.00000	39.00000	-2.00000	0.0	0.0	0.0 0.0

Structure: AV | Sub-structure:

Dist.	Coordinates			Displacements		
	x	y	z	x	y	Horizontal displacement along the Horizontal displacement perpendicular
[m]	[m]	[m]	[m]	[mm]	[mm]	Line to Line [mm] [mm]
0.0	26.00000	39.00000	-2.00000	0.0	0.0	0.0 0.0
0.92195	25.94000	38.00000	-2.00000	0.0	0.0	0.0 0.0
1.8439	25.88000	37.16000	-2.00000	0.0	0.0	0.0 0.0
2.7659	25.82000	36.24000	-2.00000	0.0	0.0	0.0 0.0
3.6878	25.76000	35.32000	-2.00000	0.0	0.0	0.0 0.0
4.6098	25.70000	34.40000	-2.00000	0.0	0.0	0.0 0.0
5.5317	25.64000	33.48000	-2.00000	0.0	0.0	0.0 0.0
6.4537	25.58000	32.56000	-2.00000	0.0	0.0	0.0 0.0
7.3756	25.52000	31.64000	-2.00000	0.0	0.0	0.0 0.0
8.2976	25.46000	30.72000	-2.00000	0.0	0.0	0.0 0.0
9.2195	25.40000	29.80000	-2.00000	0.0	0.0	0.0 0.0

Structure: AW | Sub-structure:

Dist.	Coordinates			Displacements		
	x	y	z	x	y	Horizontal displacement along the Horizontal displacement perpendicular
[m]	[m]	[m]	[m]	[mm]	[mm]	Line to Line [mm] [mm]
0.0	25.40000	29.80000	-2.00000	0.0	0.0	0.0 0.0
1.0869	27.28333	29.68333	-2.00000	0.14632	0.076087	0.14134 0.084908
3.7739	29.16667	29.56667	-2.00000	0.51492	0.42748	0.48751 0.45850
5.6608	31.05000	29.45000	-2.00000	0.80491	0.90358	0.74750 0.95162
7.5478	32.93333	29.33333	-2.00000	1.0769	1.1083	1.0063 1.1727
9.4347	34.81667	29.21667	-2.00000	1.7097	1.1153	1.6374 1.2189
11.322	36.70000	29.10000	-2.00000	2.2329	1.0620	2.1630 1.1981

Specific Building Damage Results - Vertical Displacements

Structure: A | Sub-structure:

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



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Vertical Offset 1
0.0 22.50000 48.10000 -0.50000 0.0
0.85000 23.35000 48.10000 -0.50000 0.0
1.7000 24.20000 48.10000 -0.50000 0.0
2.5500 25.05000 48.10000 -0.50000 0.0
3.4000 25.90000 48.10000 -0.50000 0.0

Structure: B | Sub-structure:

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

Vertical Offset 1
0.0 25.90000 48.10000 -0.50000 0.0
0.77500 25.90000 47.32500 -0.50000 0.0
1.5500 25.90000 46.55000 -0.50000 0.0
2.3250 25.90000 45.77500 -0.50000 0.0
3.1000 25.90000 45.00000 -0.50000 0.0

Structure: C | Sub-structure:

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

Vertical Offset 1
0.0 25.90000 45.00000 -0.50000 0.0
0.92022 26.82000 44.90000 -0.50000 0.0
1.8404 27.74000 44.90000 -0.50000 0.029441
2.7607 28.66000 44.94000 -0.50000 0.081065
3.6809 29.58000 44.92000 -0.50000 0.18662
4.6011 30.50000 44.90000 -0.50000 0.36915

Structure: D | Sub-structure:

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

Vertical Offset 1
0.0 30.50000 44.90000 -0.50000 0.36915
0.90015 30.48333 45.80000 -0.50000 0.22561
1.8003 30.46667 46.70000 -0.50000 0.11723
2.7005 30.45000 47.60000 -0.50000 0.053505
3.6006 30.43333 48.50000 -0.50000 0.014768
4.5008 30.41667 49.40000 -0.50000 0.0
5.4009 30.40000 50.30000 -0.50000 0.0

Structure: E | Sub-structure:

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

Vertical Offset 1
0.0 30.40000 50.30000 -0.50000 0.0
0.83333 31.23333 50.30000 -0.50000 0.0
1.6667 32.06667 50.30000 -0.50000 0.023319
2.5000 32.90000 50.30000 -0.50000 0.061567

Structure: F | Sub-structure:

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

Vertical Offset 1
0.0 32.90000 50.30000 -0.50000 0.061567
0.93005 32.91000 51.23000 -0.50000 0.033718
1.8601 32.92000 52.16000 -0.50000 0.0043513
2.7902 32.93000 53.09000 -0.50000 0.0
3.7202 32.94000 54.02000 -0.50000 0.0
4.6503 32.95000 54.95000 -0.50000 0.0
5.5803 32.96000 55.88000 -0.50000 0.0
6.5104 32.97000 56.81000 -0.50000 0.0
7.4404 32.98000 57.74000 -0.50000 0.0
8.3705 32.99000 58.67000 -0.50000 0.0
9.3005 33.00000 59.60000 -0.50000 0.0

Structure: G | Sub-structure:

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

Vertical Offset 1
0.0 33.00000 59.60000 -0.50000 0.0
1.0000 32.00000 59.60000 -0.50000 0.0
2.0000 31.00000 59.60000 -0.50000 0.0
3.0000 30.00000 59.60000 -0.50000 0.0
4.0000 29.00000 59.60000 -0.50000 0.0
5.0000 28.00000 59.60000 -0.50000 0.0

Structure: H | Sub-structure:

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

Vertical Offset 1
0.0 28.00000 59.60000 -0.50000 0.0
0.90052 28.03333 56.70000 -0.50000 0.0
1.8012 28.06667 57.80000 -0.50000 0.0
2.7019 28.10000 56.90000 -0.50000 0.0

Structure: I | Sub-structure:

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

Vertical Offset 1
0.0 28.10000 56.90000 -0.50000 0.0
0.90009 27.20000 56.91250 -0.50000 0.0
1.8002 26.30000 56.92500 -0.50000 0.0
2.7003 25.40000 56.93750 -0.50000 0.0
3.6003 24.50000 56.95000 -0.50000 0.0
4.5004 23.60000 56.96250 -0.50000 0.0
5.4005 22.70000 56.97500 -0.50000 0.0



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Dist.	Coordinates		Displacements	
	x	y	z	z
	[m]	[m]	[m]	[mm]
6.39006	21.80000	56.98750	-0.50000	0.0
7.2007	20.90000	57.00000	-0.50000	0.0

Structure: J | Sub-structure:

Dist.	Coordinates		Displacements	
	x	y	z	z
	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	33.00000	59.50000	-0.50000	0.0
1.9500	34.95000	59.50000	-0.50000	0.0
3.9000	36.90000	59.50000	-0.50000	0.0
5.8500	38.85000	59.50000	-0.50000	0.0
7.8000	40.80000	59.50000	-0.50000	0.0
9.7500	42.75000	59.50000	-0.50000	0.0
11.700	44.70000	59.50000	-0.50000	0.0
13.650	46.65000	59.50000	-0.50000	0.0
15.600	48.60000	59.50000	-0.50000	0.0
17.550	50.55000	59.50000	-0.50000	0.0
19.500	52.50000	59.50000	-0.50000	0.0

Structure: K | Sub-structure:

Dist.	Coordinates		Displacements	
	x	y	z	z
	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	33.00000	52.20000	-0.50000	0.0059792
0.98889	33.98889	52.20000	-0.50000	0.037639
1.9778	34.97778	52.20000	-0.50000	0.070379
2.9667	35.96667	52.20000	-0.50000	0.10803
3.9556	36.95556	52.20000	-0.50000	0.13685
4.9444	37.94444	52.20000	-0.50000	0.14301
5.9333	38.93333	52.20000	-0.50000	0.14301
6.9222	39.92222	52.20000	-0.50000	0.14301
7.9111	40.91111	52.20000	-0.50000	0.14301
8.9000	41.90000	52.20000	-0.50000	0.14301

Structure: L | Sub-structure:

Dist.	Coordinates		Displacements	
	x	y	z	z
	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	37.70000	59.40000	-0.50000	0.0
0.90000	37.70000	58.50000	-0.50000	0.0
1.8000	37.70000	57.60000	-0.50000	0.0
2.7000	37.70000	56.70000	-0.50000	0.0
3.6000	37.70000	55.80000	-0.50000	0.0
4.5000	37.70000	54.90000	-0.50000	0.0
5.4000	37.70000	54.00000	-0.50000	0.011612
6.3000	37.70000	53.10000	-0.50000	0.056472
7.2000	37.70000	52.20000	-0.50000	0.14301

Structure: M | Sub-structure:

Dist.	Coordinates		Displacements	
	x	y	z	z
	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	42.00000	59.50000	-1.50000	0.0
0.91259	41.98750	58.58750	-1.50000	0.0
1.8252	41.97500	57.67500	-1.50000	0.0
2.7378	41.96250	56.76250	-1.50000	0.0
3.6503	41.95000	55.85000	-1.50000	0.0
4.5629	41.93750	54.93750	-1.50000	0.0
5.4755	41.92500	54.02500	-1.50000	0.010316
6.3881	41.91250	53.11250	-1.50000	0.055705
7.3007	41.90000	52.20000	-1.50000	0.14301

Structure: N | Sub-structure:

Dist.	Coordinates		Displacements	
	x	y	z	z
	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	45.50000	53.30000	-4.00000	0.044906
0.87143	45.50000	54.17143	-4.00000	0.0020068
1.7429	45.50000	55.04286	-4.00000	0.0
2.6143	45.50000	55.91429	-4.00000	0.0
3.4857	45.50000	56.78571	-4.00000	0.0
4.3571	45.50000	57.65714	-4.00000	0.0
5.2286	45.50000	58.52857	-4.00000	0.0
6.1000	45.50000	59.40000	-4.00000	0.0

Structure: O | Sub-structure:

Dist.	Coordinates		Displacements	
	x	y	z	z
	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	37.70000	52.20000	-0.68000	0.14301
0.92000	37.70000	51.28000	-0.68000	0.32595
1.8400	37.70000	50.36000	-0.68000	0.63226
2.7600	37.70000	49.44000	-0.68000	1.0684
3.6800	37.70000	48.52000	-0.68000	1.6496
4.6000	37.70000	47.60000	-0.68000	2.3202

Structure: P | Sub-structure: Sub #

Dist.	Coordinates		Displacements	
	x	y	z	z
	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	45.50000	53.30000	-1.85000	0.044906
0.95000	45.50000	52.35000	-1.85000	0.12279
1.9000	45.50000	51.40000	-1.85000	0.29415
2.8500	45.50000	50.45000	-1.85000	0.59384
3.8000	45.50000	49.50000	-1.85000	1.0279
4.7500	45.50000	48.55000	-1.85000	1.5714
5.7000	45.50000	47.60000	-1.85000	2.0721

Structure: Q | Sub-structure:

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

Vertical Offset 1

0.0	41.90000	52.20000	-0.65000	0.14301
0.92000	41.90000	51.28000	-0.65000	0.32595
1.8400	41.90000	50.36000	-0.65000	0.63226
2.7600	41.90000	49.44000	-0.65000	1.0652
3.6800	41.90000	48.52000	-0.65000	1.6031
4.6000	41.90000	47.60000	-0.65000	2.2004

Structure: R | Sub-structure:

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

Vertical Offset 1

0.0	33.00000	50.30000	-0.50000	0.067532
0.92035	32.95000	49.37500	-0.50000	0.10476
1.8527	32.90000	48.45000	-0.50000	0.17225
2.7791	32.85000	47.52500	-0.50000	0.25957
3.7054	32.80000	46.60000	-0.50000	0.43204
4.6318	32.75000	45.67500	-0.50000	0.71954
5.5551	32.70000	44.75000	-0.50000	1.1151
6.4845	32.65000	43.82500	-0.50000	1.5573
7.4108	32.60000	42.90000	-0.50000	1.8010

Structure: S | Sub-structure:

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

Vertical Offset 1

0.0	54.40000	58.50000	-0.50000	0.0
1.9375	55.56250	56.95000	-0.50000	0.0
3.8750	56.72500	55.40000	-0.50000	0.0
5.8125	57.88750	53.85000	-0.50000	0.0
7.7500	59.05000	52.30000	-0.50000	0.0
9.6875	60.21250	50.75000	-0.50000	0.0
11.625	61.37500	49.20000	-0.50000	0.0
13.562	62.53750	47.65000	-0.50000	0.0
15.500	63.70000	46.10000	-0.50000	0.0
17.438	64.86250	44.55000	-0.50000	0.0
19.375	66.02500	43.00000	-0.50000	0.0
21.313	67.18750	41.45000	-0.50000	0.0
23.250	68.35000	39.90000	-0.50000	0.0
25.188	69.51250	38.35000	-0.50000	0.0
27.125	70.67500	36.80000	-0.50000	0.0
29.063	71.83750	35.25000	-0.50000	0.0
31.000	73.00000	33.70000	-0.50000	0.0

Structure: T | Sub-structure:

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

Vertical Offset 1

0.0	45.50000	53.30000	-0.50000	0.044906
1.9859	46.73158	51.74211	-0.50000	0.17621
3.9718	47.96316	50.18421	-0.50000	0.31790
5.9577	49.19474	48.62632	-0.50000	0.24328
7.9436	50.42632	47.06842	-0.50000	0.11307
9.9295	51.65789	45.51053	-0.50000	0.048035
11.915	52.88947	43.95263	-0.50000	0.0087825
13.901	54.12105	42.39474	-0.50000	0.0
15.887	55.35263	40.83684	-0.50000	0.0
17.873	56.58421	39.27895	-0.50000	0.0
19.859	57.81579	37.72105	-0.50000	1.4532
21.845	59.04737	36.16316	-0.50000	1.2802
23.831	60.27895	34.60526	-0.50000	1.0975
25.817	61.51053	33.04737	-0.50000	0.91474
27.803	62.74211	31.48947	-0.50000	0.73200
29.789	63.97368	29.93158	-0.50000	0.54925
31.774	65.20526	28.37368	-0.50000	0.35819
33.760	66.43684	26.81579	-0.50000	0.13235
35.746	67.66842	25.25789	-0.50000	0.0
37.732	68.90000	23.70000	-0.50000	0.0

Structure: U | Sub-structure:

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

Vertical Offset 1

0.0	63.00000	47.00000	-0.50000	0.0
0.98600	62.21000	46.41000	-0.50000	0.0
1.9720	61.42000	45.82000	-0.50000	0.0
2.9580	60.63000	45.23000	-0.50000	0.0
3.9440	59.84000	44.64000	-0.50000	0.0
4.9300	59.05000	44.05000	-0.50000	0.0
5.9160	58.26000	43.46000	-0.50000	0.0
6.9020	57.47000	42.87000	-0.50000	0.0
7.8880	56.68000	42.28000	-0.50000	0.0
8.8740	55.89000	41.69000	-0.50000	0.0
9.8600	55.10000	41.10000	-0.50000	0.0

Structure: V | Sub-structure:

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

Vertical Offset 1

0.0	55.10000	41.10000	-0.50000	0.0
0.91001	54.37500	40.55000	-0.50000	0.0
1.8200	53.65000	40.00000	-0.50000	0.020621
2.7300	52.92500	39.45000	-0.50000	0.064512
3.6401	52.20000	38.90000	-0.50000	0.15183

Structure: W | Sub-structure:

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

Vertical Offset 1

0.0	52.20000	38.90000	-1.70000	0.15183
0.57009	52.55000	38.45000	-1.70000	0.12129



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Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
1.1402	52.90000	38.00000	-1.70000	0.096244

Structure: X | Sub-structure:

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	60.40000	42.50000	-0.50000	0.0
0.97201	65.62000	41.92000	-0.50000	0.0
1.9440	64.84000	41.34000	-0.50000	0.0
2.9160	64.06000	40.76000	-0.50000	0.0
3.8880	63.28000	40.18000	-0.50000	0.0
4.8600	62.50000	39.60000	-0.50000	0.0
5.8320	61.72000	39.02000	-0.50000	0.082433
6.8041	60.94000	38.44000	-0.50000	0.81936
7.7761	60.16000	37.86000	-0.50000	0.99709
8.7481	59.38000	37.28000	-0.50000	1.1725
9.7201	58.60000	36.70000	-0.50000	1.3477

Structure: Y | Sub-structure:

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	58.60000	36.70000	-1.40000	1.3477
0.91061	57.87500	36.15000	-1.40000	1.5109
1.8200	57.15000	35.60000	-1.40000	1.6742
2.7300	56.42500	35.05000	-1.40000	1.8374
3.6401	55.70000	34.50000	-1.40000	2.0006

Structure: Z | Sub-structure:

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	69.70000	38.10000	-0.50000	0.0
0.95802	68.93000	37.53000	-0.50000	0.0
1.9160	68.16000	36.96000	-0.50000	0.0
2.8741	67.39000	36.39000	-0.50000	0.0
3.8321	66.62000	35.82000	-0.50000	0.0
4.7901	65.85000	35.25000	-0.50000	0.0
5.7481	65.08000	34.68000	-0.50000	0.15187
6.7061	64.31000	34.11000	-0.50000	0.32470
7.6642	63.54000	33.54000	-0.50000	0.49753
8.6222	62.77000	32.97000	-0.50000	0.67035
9.5802	62.00000	32.40000	-0.50000	0.84318

Structure: AA | Sub-structure:

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	62.00000	32.40000	-1.40000	0.84318
0.91549	61.25000	31.87500	-1.40000	1.0104
1.8310	60.50000	31.35000	-1.40000	1.1776
2.7465	59.75000	30.82500	-1.40000	1.3448
3.6620	59.00000	30.30000	-1.40000	1.5120

Structure: AB | Sub-structure:

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	73.00000	33.70000	-0.50000	0.0
0.94626	72.23000	33.15000	-0.50000	0.0
1.8925	71.46000	32.60000	-0.50000	0.0
2.8388	70.69000	32.05000	-0.50000	0.0
3.7850	69.92000	31.50000	-0.50000	0.0
4.7313	69.15000	30.95000	-0.50000	0.0
5.6775	68.38000	30.40000	-0.50000	0.0
6.6238	67.61000	29.85000	-0.50000	0.0
7.5700	66.84000	29.30000	-0.50000	0.0087312
8.5163	66.07000	28.75000	-0.50000	0.17719
9.4626	65.30000	28.20000	-0.50000	0.34320

Structure: AC | Sub-structure:

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	65.30000	28.20000	-0.50000	0.34320
0.84673	64.61667	27.70000	-0.50000	0.48034
1.6935	63.93333	27.20000	-0.50000	0.63073
2.5402	63.25000	26.70000	-0.50000	0.76992
3.3869	62.56667	26.20000	-0.50000	0.90538
4.2336	61.88333	25.70000	-0.50000	1.0365
5.0804	61.20000	25.20000	-0.50000	1.1624

Structure: AD | Sub-structure:

Dist.	Coordinates			Displacements
	x	y	z	z
[m]	[m]	[m]	[m]	[mm]
Vertical Offset 1				
0.0	61.20000	25.20000	-1.46000	1.1624
0.98298	60.622500	25.32500	-1.46000	1.3590
1.9660	59.25000	25.45000	-1.46000	1.5556
2.9489	58.27500	25.57500	-1.46000	1.7522
3.9319	57.30000	25.70000	-1.46000	1.9488
4.9149	56.32500	25.82500	-1.46000	2.1454
5.8979	55.35000	25.95000	-1.46000	2.3420
6.8809	54.37500	26.07500	-1.46000	2.5386
7.8638	53.40000	26.20000	-1.46000	2.7352

Structure: AE | Sub-structure:

Dist.	Coordinates			Displacements
	x	y	z	z



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[m] [m] [m] [m] [mm]

Vertical Offset 1
0.0 61.20000 25.20000 -0.50000 1.1624
0.82651 61.15000 24.37500 -0.50000 1.1456
1.6530 61.10000 23.55000 -0.50000 1.1170
2.4795 61.05000 22.72500 -0.50000 1.0769
3.3061 61.00000 21.90000 -0.50000 1.0260

Structure: AF | Sub-structure:

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

Vertical Offset 1
0.0 50.30000 26.50000 -1.46000 3.3553
0.80351 50.22500 25.70000 -1.46000 3.2183
1.6070 50.15000 24.90000 -1.46000 3.0599
2.4105 50.07500 24.10000 -1.46000 2.9000
3.2140 50.00000 23.30000 -1.46000 2.7397

Structure: AG | Sub-structure:

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

Vertical Offset 1
0.0 50.00000 23.30000 -0.50000 2.7397
1.9046 51.88889 23.05556 -0.50000 2.6059
3.8093 53.77778 22.81111 -0.50000 2.3439
5.7139 55.66667 22.56667 -0.50000 2.0251
7.6186 57.55556 22.32222 -0.50000 1.6809
9.5232 59.44444 22.07778 -0.50000 1.3238
11.428 61.33333 21.83333 -0.50000 0.95944
13.332 63.22222 21.58889 -0.50000 0.59070
15.237 65.11111 21.34444 -0.50000 0.21909
17.142 67.00000 21.10000 -0.50000 0.0

Structure: AH | Sub-structure:

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

Vertical Offset 1
0.0 59.00000 20.70000 -0.50000 1.2644
0.90554 58.10000 20.80000 -0.50000 1.4237
1.8111 57.20000 20.90000 -0.50000 1.5790
2.7166 56.30000 21.00000 -0.50000 1.7291
3.6222 55.40000 21.10000 -0.50000 1.8724
4.5277 54.50000 21.20000 -0.50000 2.0069
5.4332 53.60000 21.30000 -0.50000 2.1297
6.3388 52.70000 21.40000 -0.50000 2.2372

Structure: AI | Sub-structure: Sub #

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

Vertical Offset 1
0.0 52.70000 21.40000 -0.50000 2.2372
0.97015 52.56000 20.44000 -0.50000 2.0734
1.9403 52.42000 19.48000 -0.50000 1.9023
2.9105 52.28000 18.52000 -0.50000 1.7262
3.8806 52.14000 17.56000 -0.50000 1.5465
4.8508 52.00000 16.60000 -0.50000 1.3642

Structure: AJ | Sub-structure: Sub #

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

Vertical Offset 1
0.0 52.00000 16.60000 -0.50000 1.3642
0.99041 51.01111 16.72222 -0.50000 1.4161
1.9928 50.02222 16.84444 -0.50000 1.4480
2.9892 49.03333 16.96667 -0.50000 1.4616
3.9857 48.04444 17.08889 -0.50000 1.4600
4.9821 47.05556 17.21111 -0.50000 1.4579
5.9785 46.06667 17.33333 -0.50000 1.4558
6.9749 45.07778 17.45556 -0.50000 1.4537
7.9713 44.08889 17.57778 -0.50000 1.4516
8.9677 43.10000 17.70000 -0.50000 1.4495

Structure: AK | Sub-structure: Sub #

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

Vertical Offset 1
0.0 43.10000 17.70000 -0.50000 1.4495
0.98995 43.24000 18.68000 -0.50000 1.6474
1.9799 43.38000 19.66000 -0.50000 1.8454
2.9698 43.52000 20.64000 -0.50000 2.0434
3.9598 43.66000 21.62000 -0.50000 2.2414
4.9497 43.80000 22.60000 -0.50000 2.4394

Structure: AL | Sub-structure: Sub #

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

Vertical Offset 1
0.0 43.80000 22.60000 -0.50000 2.4394
0.94763 42.86000 22.72000 -0.50000 2.4381
1.8953 41.92000 22.84000 -0.50000 2.4369
2.8429 40.98000 22.96000 -0.50000 2.4356
3.7905 40.04000 23.08000 -0.50000 2.4344
4.7381 39.10000 23.20000 -0.50000 2.4332

Structure: AM | Sub-structure: Sub #

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