



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery

A2 - Long-term Unloading and Loading

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 31-Oct-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy	δz//	δθperp.
					[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
					1.0027	55.91600	50.73000	85.00000	0.0	0.0	0.0	0.0 d
					1.5041	55.78900	50.24500	85.00000	0.0	0.0	0.0	0.0 d
					2.0054	55.66200	49.76000	85.00000	0.0	0.0	0.0	0.0 d
					2.5068	55.53500	49.27500	85.00000	0.0	0.0	0.0	0.0 d
					3.0081	55.40800	48.79000	85.00000	0.0	0.0	0.0	0.0 d
					3.5095	55.28100	48.30500	85.00000	0.0	0.0	0.0	0.0 d
					4.0108	55.15400	47.82000	85.00000	0.0	0.0	0.0	0.0 d
					4.5122	55.02700	47.33500	85.00000	0.0	0.0	0.0	0.0 d
					5.0135	54.90000	46.85000	85.00000	0.0	0.0	0.0	0.0 d
5		Small Ticket Kiosk		STK.1.1	0.0	35.76000	61.70000	85.00000	0.0	0.0	0.0	0.0 d
					0.51305	36.26875	61.63375	85.00000	0.0	0.0	0.0	0.0 d
					1.0261	36.77750	61.56750	85.00000	0.0	0.0	0.0	0.0 d
					1.5391	37.28625	61.50125	85.00000	0.0	0.0	0.0	0.0 d
					2.0522	37.79500	61.43500	85.00000	0.0	0.0	0.0	0.0 d
					2.5652	38.30375	61.36875	85.00000	0.0	0.0	0.0	0.0 d
					3.0783	38.81250	61.30250	85.00000	0.0	0.0	0.0	0.0 d
					3.5913	39.32125	61.23625	85.00000	0.0	0.0	0.0	0.0 d
					4.1044	39.83000	61.17000	85.00000	0.0	0.0	0.0	0.0 d
6		Small Ticket Kiosk		STK.1.2	0.0	39.83000	61.17000	85.00000	0.0	0.0	0.0	0.0 d
					0.45872	39.77167	60.71500	85.00000	0.0	0.0	0.0	0.0 d
					0.91745	39.71333	60.26000	85.00000	0.0	0.0	0.0	0.0 d
					1.3762	39.65500	59.80500	85.00000	0.0	0.0	0.0	0.0 d
					1.8349	39.59667	59.35000	85.00000	0.0	0.0	0.0	0.0 d
					2.2936	39.53833	58.89500	85.00000	0.0	0.0	0.0	0.0 d
					2.7523	39.48000	58.44000	85.00000	0.0	0.0	0.0	0.0 d
7		Small Ticket Kiosk		STK.1.3	0.0	39.48000	58.44000	85.00000	0.0	0.0	0.0	0.0 d
					0.51289	38.97125	58.50500	85.00000	0.0	0.0	0.0	0.0 d
					1.0258	38.46250	58.57000	85.00000	0.0	0.0	0.0	0.0 d
					1.5387	37.95375	58.63500	85.00000	0.0	0.0	0.0	0.0 d
					2.0515	37.44500	58.70000	85.00000	0.0	0.0	0.0	0.0 d
					2.5644	36.92625	58.76500	85.00000	0.0	0.0	0.0	0.0 d
					3.0773	36.42750	58.83000	85.00000	0.0	0.0	0.0	0.0 d
					3.5902	35.91875	58.89500	85.00000	0.0	0.0	0.0	0.0 d
					4.1031	35.41000	58.96000	85.00000	0.0	0.0	0.0	0.0 d
8		Small Ticket Kiosk		STK.1.4	0.0	35.41000	58.96000	85.00000	0.0	0.0	0.0	0.0 d
					0.46038	35.46833	59.41667	85.00000	0.0	0.0	0.0	0.0 d
					0.92075	35.52667	59.87333	85.00000	0.0	0.0	0.0	0.0 d
					1.3811	35.58500	60.33000	85.00000	0.0	0.0	0.0	0.0 d
					1.8415	35.64333	60.78667	85.00000	0.0	0.0	0.0	0.0 d
					2.3019	35.70167	61.24333	85.00000	0.0	0.0	0.0	0.0 d
					2.7623	35.76000	61.70000	85.00000	0.0	0.0	0.0	0.0 d
9		Mauoselum 2		Mau.2.1	0.0	50.12000	72.10000	85.00000	0.0	0.0	0.0	0.0 d
					0.47482	50.05250	71.63000	85.00000	0.0	0.0	0.0	0.0 d
					0.94964	49.98500	71.16000	85.00000	0.0	0.0	0.0	0.0 d
					1.4245	49.91750	70.69000	85.00000	0.0	0.0	0.0	0.0 d
					1.8993	49.85000	70.22000	85.00000	0.0	0.0	0.0	0.0 d
					2.3741	49.78250	69.75000	85.00000	0.0	0.0	0.0	0.0 d
					2.8489	49.71500	69.28000	85.00000	0.0	0.0	0.0	0.0 d
					3.3238	49.64750	68.81000	85.00000	0.0	0.0	0.0	0.0 d
					3.7986	49.58000	68.34000	85.00000	0.0	0.0	0.0	0.0 d
10		Mauoselum 2		Mau.2.2	0.0	49.58000	68.34000	85.00000	0.0	0.0	0.0	0.0 d
					0.51916	49.06286	68.38571	85.00000	0.0	0.0	0.0	0.0 d
					1.0383	48.54571	68.43143	85.00000	0.0	0.0	0.0	0.0 d
					1.5575	48.02857	68.47714	85.00000	0.0	0.0	0.0	0.0 d
					2.0766	47.51143	68.52286	85.00000	0.0	0.0	0.0	0.0 d
					2.5958	46.99429	68.56857	85.00000	0.0	0.0	0.0	0.0 d
					3.1150	46.47714	68.61429	85.00000	0.0	0.0	0.0	0.0 d
					3.6341	45.96000	68.66000	85.00000	0.0	0.0	0.0	0.0 d
11		Mauoselum 2		Mau.2.3	0.0	45.96000	68.66000	85.00000	0.0	0.0	0.0	0.0 d
					0.49562	46.02429	69.15143	85.00000	0.0	0.0	0.0	0.0 d
					0.99123	46.08857	69.64286	85.00000	0.0	0.0	0.0	0.0 d
					1.4868	46.15286	70.13429	85.00000	0.0	0.0	0.0	0.0 d
					1.9825	46.21714	70.62571	85.00000	0.0	0.0	0.0	0.0 d
					2.4781	46.28143	71.11714	85.00000	0.0	0.0	0.0	0.0 d
					2.9737	46.34571	71.60857	85.00000	0.0	0.0	0.0	0.0 d
					3.4693	46.41000	72.10000	85.00000	0.0	0.0	0.0	0.0 d
12		Mauoselum 3		Mau.3.1	0.0	39.34000	72.10000	85.00000	0.0	0.0	0.0	0.0 d
					0.51823	39.24800	71.59000	85.00000	0.0	0.0	0.0	0.0 d
					1.0365	39.15600	71.08000	85.00000	0.0	0.0	0.0	0.0 d
					1.5547	39.06400	70.57000	85.00000	0.0	0.0	0.0	0.0 d
					2.0729	38.97200	70.06000	85.00000	0.0	0.0	0.0	0.0 d
					2.5912	38.88000	69.55000	85.00000	0.0	0.0	0.0	0.0 d
					0.0	38.88000	69.55000	85.00000	0.0	0.0	0.0	0.0 d
					0.47154	38.41600	69.63400	85.00000	0.0	0.0	0.0	0.0 d
					0.94308	37.95200	69.71800	85.00000	0.0	0.0	0.0	0.0 d
					1.4146	37.48800	69.80200	85.00000	0.0	0.0	0.0	0.0 d
					1.8862	37.02400	69.88600	85.00000	0.0	0.0	0.0	0.0 d
					2.3577	36.56000	69.97000	85.00000	0.0	0.0	0.0	0.0 d
14		Mauoselum 3		Mau.3.3	0.0	36.56000	69.97000	85.00000	0.0	0.0	0.0	0.0 d
					0.53848	36.64000	70.50250	85.00000	0.0	0.0	0.0	0.0 d
					1.0770	36.72000	71.03500	85.00000	0.0	0.0	0.0	0.0 d
					1.6154	36.80000	71.56750	85.00000	0.0	0.0	0.0	0.0 d
					2.1539	36.88000	72.10000	85.00000	0.0	0.0	0.0	0.0 d
15		Highgate Chapel		HGC.1	0.0	15.73000	72.10000	85.00000	0.0	0.0	0.0	0.0 d
					0.49590	15.69700	71.60520	85.00000	0.0	0.0	0.0	0.0 d
					0.99180	15.66400	71.11040	85.00000	0.0	0.0	0.0	0.0 d
					1.4877	15.63100	70.61560	85.00000	0.0	0.0	0.0	0.0 d
					1.9836	15.59800	70.12080	85.00000	0.0	0.0	0.0	0.0 d
					2.4795	15.56500	69.62600	85.00000	0.0	0.0	0.0	0.0 d
					2.9754	15.53200	69.13120	85.00000	0.0	0.0	0.0	0.0 d
					3.4713	15.49900	68.63640	85.00				



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													Job No.	Sheet No.	Rev.
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													Made by PES	Date 31-Oct-2024	Checked Date
Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy	δz	δperp.			
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]			
						23.307	14.17900	48.84440	85.00000	0.0	0.0	0.0	0.0	0.0	d
						23.803	14.14600	48.34960	85.00000	0.0	0.0	0.0	0.0	0.0	d
						24.299	14.11300	47.85480	85.00000	0.0	0.0	0.0	0.0	0.0	d
						24.795	14.08000	47.36000	85.00000	0.0	0.0	0.0	0.0	0.0	d
		16	Highgate Chapel	HGC.2		0.0	14.08000	47.36000	85.00000	0.0	0.0	0.0	0.0	0.0	d
						0.50652	13.57462	47.39385	85.00000	0.0	0.0	0.0	0.0	0.0	d
						1.0130	13.06923	47.42769	85.00000	0.0	0.0	0.0	0.0	0.0	d
						1.5196	12.56385	47.46154	85.00000	0.0	0.0	0.0	0.0	0.0	d
						2.0261	12.05846	47.49538	85.00000	0.0	0.0	0.0	0.0	0.0	d
						2.5326	11.55308	47.52923	85.00000	0.0	0.0	0.0	0.0	0.0	d
						3.0391	11.04769	47.56308	85.00000	0.0	0.0	0.0	0.0	0.0	d
						3.5456	10.54231	47.59692	85.00000	0.0	0.0	0.0	0.0	0.0	d
						4.0521	10.03692	47.63077	85.00000	0.0	0.0	0.0	0.0	0.0	d
						4.5587	9.53154	47.66462	85.00000	0.0	0.0	0.0	0.0	0.0	d
						5.0652	9.02615	47.69846	85.00000	0.0	0.0	0.0	0.0	0.0	d
						5.5717	8.52077	47.73231	85.00000	0.0	0.0	0.0	0.0	0.0	d
						6.0782	8.01538	47.76615	85.00000	0.0	0.0	0.0	0.0	0.0	d
						6.5847	7.51000	47.80000	85.00000	0.0	0.0	0.0	0.0	0.0	d
		17	Highgate Chapel	HGC.3		0.0	7.51000	47.80000	85.00000	0.0	0.0	0.0	0.0	0.0	d
						0.49831	7.55878	48.29592	85.00000	0.0	0.0	0.0	0.0	0.0	d
						0.99662	7.60755	48.59184	85.00000	0.0	0.0	0.0	0.0	0.0	d
						1.4949	7.65633	49.28776	85.00000	0.0	0.0	0.0	0.0	0.0	d
						1.9932	7.70510	49.78367	85.00000	0.0	0.0	0.0	0.0	0.0	d
						2.4916	7.75388	50.27959	85.00000	0.0	0.0	0.0	0.0	0.0	d
						2.9899	7.80265	50.77551	85.00000	0.0	0.0	0.0	0.0	0.0	d
						3.4882	7.85143	51.27143	85.00000	0.0	0.0	0.0	0.0	0.0	d
						3.9865	7.90020	51.76735	85.00000	0.0	0.0	0.0	0.0	0.0	d
						4.4848	7.94898	52.26327	85.00000	0.0	0.0	0.0	0.0	0.0	d
						4.9831	7.99776	52.75918	85.00000	0.0	0.0	0.0	0.0	0.0	d
						5.4814	8.04653	53.25510	85.00000	0.0	0.0	0.0	0.0	0.0	d
						5.9797	8.09531	53.75102	85.00000	0.0	0.0	0.0	0.0	0.0	d
						6.4780	8.14408	54.24694	85.00000	0.0	0.0	0.0	0.0	0.0	d
						6.9764	8.19286	54.74286	85.00000	0.0	0.0	0.0	0.0	0.0	d
						7.4747	8.24163	55.23878	85.00000	0.0	0.0	0.0	0.0	0.0	d
						7.9730	8.29041	55.73469	85.00000	0.0	0.0	0.0	0.0	0.0	d
						8.4713	8.33918	56.23061	85.00000	0.0	0.0	0.0	0.0	0.0	d
						8.9696	8.38796	56.72653	85.00000	0.0	0.0	0.0	0.0	0.0	d
						9.4679	8.43673	57.22245	85.00000	0.0	0.0	0.0	0.0	0.0	d
						9.9662	8.48551	57.71837	85.00000	0.0	0.0	0.0	0.0	0.0	d
						10.465	8.53429	58.21429	85.00000	0.0	0.0	0.0	0.0	0.0	d
						10.963	8.58306	58.71020	85.00000	0.0	0.0	0.0	0.0	0.0	d
						11.461	8.63184	59.20612	85.00000	0.0	0.0	0.0	0.0	0.0	d
						11.959	8.68061	59.70204	85.00000	0.0	0.0	0.0	0.0	0.0	d
						12.458	8.72939	60.19796	85.00000	0.0	0.0	0.0	0.0	0.0	d
						12.956	8.77816	60.69388	85.00000	0.0	0.0	0.0	0.0	0.0	d
						13.454	8.82694	61.18980	85.00000	0.0	0.0	0.0	0.0	0.0	d
						13.953	8.87571	61.68571	85.00000	0.0	0.0	0.0	0.0	0.0	d
						14.451	8.92449	62.18163	85.00000	0.0	0.0	0.0	0.0	0.0	d
						14.949	8.97327	62.67755	85.00000	0.0	0.0	0.0	0.0	0.0	d
						15.448	9.02204	63.17347	85.00000	0.0	0.0	0.0	0.0	0.0	d
						15.946	9.07082	63.66939	85.00000	0.0	0.0	0.0	0.0	0.0	d
						16.444	9.11959	64.16531	85.00000	0.0	0.0	0.0	0.0	0.0	d
						16.943	9.16837	64.66122	85.00000	0.0	0.0	0.0	0.0	0.0	d
						17.441	9.21714	65.15714	85.00000	0.0	0.0	0.0	0.0	0.0	d
						17.939	9.26592	65.65306	85.00000	0.0	0.0	0.0	0.0	0.0	d
						18.438	9.31469	66.14898	85.00000	0.0	0.0	0.0	0.0	0.0	d
						18.936	9.36347	66.64490	85.00000	0.0	0.0	0.0	0.0	0.0	d
						19.434	9.41224	67.14082	85.00000	0.0	0.0	0.0	0.0	0.0	d
						19.932	9.46102	67.63673	85.00000	0.0	0.0	0.0	0.0	0.0	d
						20.431	9.50980	68.13265	85.00000	0.0	0.0	0.0	0.0	0.0	d
						20.929	9.55857	68.62857	85.00000	0.0	0.0	0.0	0.0	0.0	d
						21.427	9.60735	69.12449	85.00000	0.0	0.0	0.0	0.0	0.0	d
						21.926	9.65612	69.62041	85.00000	0.0	0.0	0.0	0.0	0.0	d
						22.424	9.70490	70.11633	85.00000	0.0	0.0	0.0	0.0	0.0	d
						22.922	9.75367	70.61224	85.00000	0.0	0.0	0.0	0.0	0.0	d
						23.421	9.80245	71.10816	85.00000	0.0	0.0	0.0	0.0	0.0	d
						23.919	9.85122	71.60408	85.00000	0.0	0.0	0.0	0.0	0.0	d
						24.417	9.90000	72.10000	85.00000	0.0	0.0	0.0	0.0	0.0	d
		18	Highgate Chapel	HGC.4		0.0	7.12000	43.02000	85.00000	0.0	0.0	0.0	0.0	0.0	d
						0.48972	7.56000	43.23500	85.00000	0.0	0.0	0.0	0.0	0.0	d
						0.97944	8.00000	43.45000	85.00000	0.0	0.0	0.0	0.0	0.0	d
						1.4692	8.44000	43.66500	85.00000	0.0	0.0	0.0	0.0	0.0	d
						1.9589	8.88000	43.88000	85.00000	0.0	0.0	0.0	0.0	0.0	d
						2.4486	9.32000	44.09500	85.00000	0.0	0.0	0.0	0.0	0.0	d
						2.9383	9.76000	44.31000	85.00000	0.0	0.0	0.0	0.0	0.0	d
		19	Highgate Chapel	HGC.5		0.0	9.76000	44.31000	85.00000	0.0	0.0	0.0	0.0	0.0	d
						0.51133	9.98556	43.85111	85.00000	0.0	0.0	0.0	0.0	0.0	d
						1.0227	10.21111	43.39222	85.00000	0.0	0.0	0.0	0.0	0.0	d
						1.5340	10.43667	42.93333	85.00000	0.0	0.0	0.0	0.0	0.0	d
						2.0453	10.66222	42.47444	85.00000	0.0	0.0	0.0	0.0	0.0	d
						2.5566	10.88778	42.01556	85.00000	0.0	0.0	0.0	0.0	0.0	d
						3.0680	11.11333	41.55667	85.00000	0.0	0.0	0.0	0.0	0.0	d
						3.5793	11.33889	41.09778	85.00000	0.0	0.0	0.0	0.0	0.0	d
						4.0906	11.56444	40.63889	85.00000	0.0	0.0	0.0	0.0	0.0	d
						4.6019	11.79000	40.18000	85.00000	0.0	0.0	0.0	0.0	0.0	d
						0.0	11.79000	40.18000	85.00000	0.0	0.0	0.0	0.0	0.0	d
		20	Highgate Chapel	HGC.6		0.51804	11.32500	39.95167	85.00000	0.0	0.0	0.0	0.0	0.0	d
						1.0361	10.86000	39.72333	85.00000	0.0	0.0	0.0	0.0	0.0	d
						1.5541	10.39500	39.49500	85.00000	0.0	0.0	0.0	0.0	0.0	d
						2.0721	9.93000	39.26667	85.00000	0.0	0.0	0.0	0.0	0.0	d
						2.5902	9.46500	39.03833	85.00000	0.0	0.0	0.0	0.0	0.0	d
						3.1082	9.00000	38.81000	85.00000	0.0	0.0	0.0	0.0	0.0	d
						0.0	9.00000	38.81000	85.00000	0.0	0.0	0.0	0.0	0.0	d



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Highgate Cemetery

A2 - Long-term Unloading and Loading

Oasys										Job No.		Sheet No.		Rev.			
A-SQUARED STUDIO										3500							
ENGINEERS LTD																	
Highgate Cemetery										Drg. Ref.							
A2 - Long-term Unloading and Loading										Made by PES		Date 31-Oct-2024		Checked		Date	
Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy	δz	δθ	δφ	δψ	δχ	δψ	
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
						2.9657	20.97800	38.85800	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						3.4600	20.63100	38.50600	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						3.9542	20.28400	38.15400	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						4.4485	19.93700	37.80200	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						4.9428	19.59000	37.45000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
	25	Highgate Chapel		HGC.11		0.0	19.59000	37.45000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						0.51338	19.22400	37.81000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						1.0268	18.85800	38.17000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						1.5401	18.49200	38.53000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						2.0535	18.12600	38.89000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						2.5669	17.76000	39.25000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						3.0803	17.39400	39.61000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						3.5936	17.02800	39.97000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						4.1070	16.66200	40.33000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						4.6204	16.29600	40.69000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						5.1338	15.93000	41.05000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
	26	81 Swain's Ln		81.SL.1		0.0	12.32000	22.91000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						0.49414	12.33810	23.40381	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						0.98828	12.35619	23.89762	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						1.4824	12.37429	24.39143	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						1.9766	12.39238	24.88524	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						2.4707	12.41048	25.37905	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						2.9648	12.42857	25.87286	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						3.4590	12.44667	26.36667	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						3.9531	12.46476	26.86048	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						4.4473	12.48286	27.35429	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						4.9414	12.50095	27.84810	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						5.4356	12.51905	28.34190	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						5.9297	12.53714	28.83571	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						6.4238	12.55524	29.32952	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						6.9180	12.57333	29.82333	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						7.4121	12.59143	30.31714	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						7.9063	12.60952	30.81095	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						8.4004	12.62762	31.30476	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						8.8945	12.64571	31.79857	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						9.3887	12.66381	32.29238	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						9.8828	12.68190	32.78619	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						10.377	12.70000	33.28000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
	27	81 Swain's Ln		81.SL.2		0.0	12.70000	33.28000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						0.50866	13.20833	33.26167	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						1.0173	13.71667	33.24333	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						1.5260	14.22500	33.22500	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						2.0347	14.73333	33.20667	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						2.5433	15.24167	33.18833	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						3.0520	15.75000	33.17000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						3.5606	16.25833	33.15167	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						4.0693	16.76667	33.13333	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						4.5780	17.27500	33.11500	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						5.0866	17.78333	33.09667	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						5.5953	18.29167	33.07833	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						6.1040	18.80000	33.06000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
	28	81 Swain's Ln		81.SL.3		0.0	18.80000	33.06000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						0.50350	18.78714	32.55667	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						1.0070	18.77429	32.05333	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						1.5105	18.76143	31.55000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						2.0140	18.74857	31.04667	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						2.5175	18.73571	30.54333	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						3.0210	18.72286	30.04000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						3.5245	18.71000	29.53667	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						4.0280	18.69714	29.03333	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						4.5315	18.68429	28.53000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						5.0350	18.67143	28.02667	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						5.5385	18.65857	27.52333	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						6.0420	18.64571	27.02000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						6.5455	18.63286	26.51667	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						7.0490	18.62000	26.01333	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						7.5525	18.60714	25.51000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						8.0560	18.59429	25.00667	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						8.5595	18.58143	24.50333	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						9.0630	18.56857	24.00000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						9.5665	18.55571	23.49667	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	
						10.070	18.54286	22.99333	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	d	



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Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy	δz//	δθperp.	
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
						7.5634	3.86824	21.57882	85.00000	0.0	0.0	0.0	0.0 d
						8.0677	3.36412	21.58941	85.00000	0.0	0.0	0.0	0.0 d
						8.5719	2.86000	21.60000	85.00000	0.0	0.0	0.0	0.0 d
		33	81 Swain's Ln	81.SL.8		0.0	2.86000	21.60000	85.00000	0.0	0.0	0.0	0.0 d
						0.49317	2.87300	22.09300	85.00000	0.0	0.0	0.0	0.0 d
						0.98634	2.88600	22.58600	85.00000	0.0	0.0	0.0	0.0 d
						1.4795	2.89900	23.07900	85.00000	0.0	0.0	0.0	0.0 d
						1.9727	2.91200	23.57200	85.00000	0.0	0.0	0.0	0.0 d
						2.4659	2.92500	24.06500	85.00000	0.0	0.0	0.0	0.0 d
						2.9590	2.93800	24.55800	85.00000	0.0	0.0	0.0	0.0 d
						3.4522	2.95100	25.05100	85.00000	0.0	0.0	0.0	0.0 d
						3.9454	2.96400	25.54400	85.00000	0.0	0.0	0.0	0.0 d
						4.4385	2.97700	26.03700	85.00000	0.0	0.0	0.0	0.0 d
						4.9317	2.99000	26.53000	85.00000	0.0	0.0	0.0	0.0 d
		34	79 Swain's Ln	79.SL.1		0.0	0.00000	21.17000	85.00000	0.0	0.0	0.0	0.0 d
						0.49646	0.49622	21.15432	85.00000	0.0	0.0	0.0	0.0 d
						0.99293	0.99243	21.13865	85.00000	0.0	0.0	0.0	0.0 d
						1.4894	1.48865	21.12297	85.00000	0.0	0.0	0.0	0.0 d
						1.9859	1.98486	21.10730	85.00000	0.0	0.0	0.0	0.0 d
						2.4823	2.48108	21.09162	85.00000	0.0	0.0	0.0	0.0 d
						2.9788	2.97730	21.07595	85.00000	0.0	0.0	0.0	0.0 d
						3.4752	3.47351	21.06027	85.00000	0.0	0.0	0.0	0.0 d
						3.9717	3.96973	21.04459	85.00000	0.0	0.0	0.0	0.0 d
						4.4682	4.46595	21.02892	85.00000	0.0	0.0	0.0	0.0 d
						4.9646	4.96216	21.01324	85.00000	0.0	0.0	0.0	0.0 d
						5.4611	5.45838	20.99757	85.00000	0.0	0.0	0.0	0.0 d
						5.9576	5.95459	20.98189	85.00000	0.0	0.0	0.0	0.0 d
						6.4540	6.45081	20.96622	85.00000	0.0	0.0	0.0	0.0 d
						6.9505	6.94703	20.95054	85.00000	0.0	0.0	0.0	0.0 d
						7.4470	7.44324	20.93486	85.00000	0.0	0.0	0.0	0.0 d
						7.9434	7.93946	20.91919	85.00000	0.0	0.0	0.0	0.0 d
						8.4399	8.43568	20.90351	85.00000	0.0	0.0	0.0	0.0 d
						8.9363	8.93189	20.88784	85.00000	0.0	0.0	0.0	0.0 d
						9.4328	9.42811	20.87216	85.00000	0.0	0.0	0.0	0.0 d
						9.9293	9.92432	20.85649	85.00000	0.0	0.0	0.0	0.0 d
						10.426	10.42054	20.84081	85.00000	0.0	0.0	0.0	0.0 d
						10.922	10.91676	20.82514	85.00000	0.0	0.0	0.0	0.0 d
						11.419	11.41297	20.80946	85.00000	0.0	0.0	0.0	0.0 d
						11.915	11.90919	20.79378	85.00000	0.0	0.0	0.0	0.0 d
						12.412	12.40541	20.77811	85.00000	0.0	0.0	0.0	0.0 d
						12.908	12.90162	20.76243	85.00000	0.0	0.0	0.0	0.0 d
						13.405	13.39784	20.74676	85.00000	0.0	0.0	0.0	0.0 d
						13.901	13.89405	20.73108	85.00000	0.0	0.0	0.0	0.0 d
						14.397	14.39027	20.71541	85.00000	0.0	0.0	0.0	0.0 d
						14.894	14.88649	20.69973	85.00000	0.0	0.0	0.0	0.0 d
						15.390	15.38270	20.68405	85.00000	0.0	0.0	0.0	0.0 d
						15.887	15.87892	20.66838	85.00000	0.0	0.0	0.0	0.0 d
						16.383	16.37514	20.65270	85.00000	0.0	0.0	0.0	0.0 d
						16.880	16.87135	20.63703	85.00000	0.0	0.0	0.0	0.0 d
						17.376	17.36757	20.62135	85.00000	0.0	0.0	0.0	0.0 d
						17.873	17.86378	20.60568	85.00000	0.0	0.0	0.0	0.0 d
						18.369	18.36000	20.59000	85.00000	0.0	0.0	0.0	0.0 d
		35	79 Swain's Ln	79.SL.2		0.0	18.36000	20.59000	85.00000	0.0	0.0	0.0	0.0 d
						0.50038	18.32944	20.59056	85.00000	0.0	0.0	0.0	0.0 d
						1.0008	18.29889	19.59111	85.00000	0.0	0.0	0.0	0.0 d
						1.5011	18.26833	19.09167	85.00000	0.0	0.0	0.0	0.0 d
						2.0015	18.23778	18.59222	85.00000	0.0	0.0	0.0	0.0 d
						2.5019	18.20722	18.09278	85.00000	0.0	0.0	0.0	0.0 d
						3.0023	18.17667	17.59333	85.00000	0.0	0.0	0.0	0.0 d
						3.5026	18.14611	17.09389	85.00000	0.0	0.0	0.0	0.0 d
						4.0030	18.11556	16.59444	85.00000	0.0	0.0	0.0	0.0 d
						4.5034	18.08500	16.09500	85.00000	0.0	0.0	0.0	0.0 d
						5.0038	18.05444	15.59556	85.00000	0.0	0.0	0.0	0.0 d
						5.5042	18.02389	15.09611	85.00000	0.0	0.0	0.0	0.0 d
						6.0045	17.99333	14.59667	85.00000	0.0	0.0	0.0	0.0 d
						6.5049	17.96278	14.09722	85.00000	0.0	0.0	0.0	0.0 d
						7.0053	17.93222	13.59778	85.00000	0.0	0.0	0.0	0.0 d
						7.5057	17.90167	13.09833	85.00000	0.0	0.0	0.0	0.0 d
						8.0061	17.87111	12.59889	85.00000	0.0	0.0	0.0	0.0 d
						8.5064	17.84056	12.09944	85.00000	0.0	0.0	0.0	0.0 d
						9.0068	17.81000	11.60000	85.00000	0.0	0.0	0.0	0.0 d
		36	79 Swain's Ln	79.SL.3		0.0	17.81000	11.60000	85.00000	0.0	0.0	0.0	0.0 d
						0.49352	17.31739	11.63000	85.00000	0.0	0.0	0.0	0.0 d
						0.98704	16.82478	11.66000	85.00000	0.0	0.0	0.0	0.0 d
						1.4806	16.33217	11.69000	85.00000	0.0	0.0	0.0	0.0 d
						1.9741	15.83957	11.72000	85.00000	0.0	0.0	0.0	0.0 d
						2.4676	15.34696	11.75000	85.00000	0.0	0.0	0.0	0.0 d
						2.9611	14.85435	11.78000	85.00000	0.0	0.0	0.0	0.0 d
						3.4546	14.36174	11.81000	85.00000	0.0	0.0	0.0	0.0 d
						3.9482	13.86913	11.84000	85.00000	0.0	0.0	0.0	0.0 d
						4.4417	13.37652	11.87000	85.00000	0.0	0.0	0.0	0.0 d
						4.9352	12.88391	11.90000	85.00000	0.0	0.0	0.0	0.0 d
						5.4287	12.39130	11.93000	85.00000	0.0	0.0	0.0	0.0 d
						5.9223	11.89870	11.96000	85.00000	0.0	0.0	0.0	0.0 d
						6.4158	11.40609	11.99000	85.00000	0.0	0.0	0.0	0.0 d
						6.9093	10.91348	12.02000	85.00000	0.0	0.0	0.0	0.0 d
						7.4028	10.42087	12.05000	85.00000	0.0	0.0	0.0	0.0 d
						7.8963	9.92826	12.08000	85.00000	0.0	0.0	0.0	0.0 d



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Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy	δz	δperp.
					[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
					3.9799	12.57778	2.24444	85.00000	0.0	0.0	0.0	0.0 d
					4.4774	13.05500	2.38500	85.00000	0.0	0.0	0.0	0.0 d
					4.9749	13.53222	2.52556	85.00000	0.0	0.0	0.0	0.0 d
					5.4724	14.00944	2.66611	85.00000	0.0	0.0	0.0	0.0 d
					5.9699	14.48667	2.80667	85.00000	0.0	0.0	0.0	0.0 d
					6.4674	14.96389	2.94722	85.00000	0.0	0.0	0.0	0.0 d
					6.9649	15.44111	3.08778	85.00000	0.0	0.0	0.0	0.0 d
					7.4624	15.91833	3.22833	85.00000	0.0	0.0	0.0	0.0 d
					7.9598	16.39556	3.36889	85.00000	0.0	0.0	0.0	0.0 d
					8.4573	16.87278	3.50944	85.00000	0.0	0.0	0.0	0.0 d
					8.9548	17.35000	3.65000	85.00000	0.0	0.0	0.0	0.0 d
41	184 to 210 Oakeshott Ave		184to210.OA.3		0.0	17.35000	3.65000	85.00000	0.0	0.0	0.0	0.0 d
					0.47761	17.49125	3.19375	85.00000	0.0	0.0	0.0	0.0 d
					0.95523	17.63250	2.73750	85.00000	0.0	0.0	0.0	0.0 d
					1.4328	17.77375	2.28125	85.00000	0.0	0.0	0.0	0.0 d
					1.9105	17.91500	1.82500	85.00000	0.0	0.0	0.0	0.0 d
					2.3881	18.05625	1.36875	85.00000	0.0	0.0	0.0	0.0 d
					2.8657	18.19750	0.91250	85.00000	0.0	0.0	0.0	0.0 d
					3.3433	18.33875	0.45625	85.00000	0.0	0.0	0.0	0.0 d
					3.8209	18.48000	0.00000	85.00000	0.0	0.0	0.0	0.0 d
42	Existing Tunnel Wall Gardeners Compound		ETWGC.1		0.0	32.07000	36.91000	85.00000	0.0	0.0	0.0	0.0 d
					0.48730	31.58471	36.86588	85.00000	0.0	0.0	0.0	0.0 d
					0.97459	31.09941	36.82176	85.00000	0.0	0.0	0.0	0.0 d
					1.4619	30.61412	36.77765	85.00000	0.0	0.0	0.0	0.0 d
					1.9492	30.12882	36.73353	85.00000	0.0	0.0	0.0	0.0 d
					2.4365	29.64353	36.68941	85.00000	0.0	0.0	0.0	0.0 d
					2.9238	29.15824	36.64529	85.00000	0.0	0.0	0.0	0.0 d
					3.4111	28.67294	36.60118	85.00000	0.0	0.0	0.0	0.0 d
					3.8984	28.18765	36.55706	85.00000	0.0	0.0	0.0	0.0 d
					4.3857	27.70235	36.51294	85.00000	0.0	0.0	0.0	0.0 d
					4.8730	27.21706	36.46882	85.00000	0.0	0.0	0.0	0.0 d
					5.3602	26.73176	36.42471	85.00000	0.0	0.0	0.0	0.0 d
					5.8475	26.24647	36.38059	85.00000	0.0	0.0	0.0	0.0 d
					6.3348	25.76118	36.33647	85.00000	0.0	0.0	0.0	0.0 d
					6.8221	25.27588	36.29235	85.00000	0.0	0.0	0.0	0.0 d
					7.3094	24.79059	36.24824	85.00000	0.0	0.0	0.0	0.0 d
					7.7967	24.30529	36.20412	85.00000	0.0	0.0	0.0	0.0 d
					8.2840	23.82000	36.16000	85.00000	0.0	0.0	0.0	0.0 d
43	Existing Tunnel Wall Gardeners Compound		ETWGC.2		0.0	23.82000	36.16000	85.00000	0.0	0.0	0.0	0.0 d
					0.47841	23.81167	35.68167	85.00000	0.0	0.0	0.0	0.0 d
					0.95691	23.80333	35.20333	85.00000	0.0	0.0	0.0	0.0 d
					1.4352	23.79500	34.72500	85.00000	0.0	0.0	0.0	0.0 d
					1.9136	23.78667	34.24667	85.00000	0.0	0.0	0.0	0.0 d
					2.3920	23.77833	33.76833	85.00000	0.0	0.0	0.0	0.0 d
					2.8704	23.77000	33.29000	85.00000	0.0	0.0	0.0	0.0 d
44	Existing Tunnel Wall Gardeners Compound		ETWGC.3		0.0	23.77000	33.29000	85.00000	0.0	0.0	0.0	0.0 d
					0.50747	24.27471	33.34294	85.00000	0.0	0.0	0.0	0.0 d
					1.0149	24.77941	33.39588	85.00000	0.0	0.0	0.0	0.0 d
					1.5224	25.28412	33.44882	85.00000	0.0	0.0	0.0	0.0 d
					2.0299	25.78882	33.50176	85.00000	0.0	0.0	0.0	0.0 d
					2.5374	26.29353	33.55471	85.00000	0.0	0.0	0.0	0.0 d
					3.0448	26.79824	33.60765	85.00000	0.0	0.0	0.0	0.0 d
					3.5523	27.30294	33.66059	85.00000	0.0	0.0	0.0	0.0 d
					4.0598	27.80765	33.71353	85.00000	0.0	0.0	0.0	0.0 d
					4.5673	28.31235	33.76647	85.00000	0.0	0.0	0.0	0.0 d
					5.0747	28.81706	33.81941	85.00000	0.0	0.0	0.0	0.0 d
					5.5822	29.32176	33.87235	85.00000	0.0	0.0	0.0	0.0 d
					6.0897	29.82647	33.92529	85.00000	0.0	0.0	0.0	0.0 d
					6.5972	30.33118	33.97824	85.00000	0.0	0.0	0.0	0.0 d
					7.1046	30.83588	34.03118	85.00000	0.0	0.0	0.0	0.0 d
					7.6121	31.34059	34.08412	85.00000	0.0	0.0	0.0	0.0 d
					8.1196	31.84529	34.13706	85.00000	0.0	0.0	0.0	0.0 d
45	Existing Tunnel Wall Highgate Chapel		ETWHGC.1		0.0	32.35000	34.19000	85.00000	0.0	0.0	0.0	0.0 d
					0.0	9.58000	47.66000	85.00000	0.0	0.0	0.0	0.0 d
					0.50436	9.65500	47.16125	85.00000	0.0	0.0	0.0	0.0 d
					1.0087	9.73000	46.66250	85.00000	0.0	0.0	0.0	0.0 d
					1.5131	9.80500	46.16375	85.00000	0.0	0.0	0.0	0.0 d
					2.0174	9.88000	45.66500	85.00000	0.0	0.0	0.0	0.0 d
					2.5218	9.95500	45.16625	85.00000	0.0	0.0	0.0	0.0 d
					3.0261	10.03000	44.66750	85.00000	0.0	0.0	0.0	0.0 d
					3.5305	10.10500	44.16875	85.00000	0.0	0.0	0.0	0.0 d
46	Existing Tunnel Wall Highgate Chapel		ETWHGC.2		0.0	10.18000	43.67000	85.00000	0.0	0.0	0.0	0.0 d
					0.0	10.18000	43.67000	85.00000	0.0	0.0	0.0	0.0 d
					0.53865	10.69000	43.84333	85.00000	0.0	0.0	0.0	0.0 d
					1.0773	11.20000	44.01667	85.00000	0.0	0.0	0.0	0.0 d
					1.6160	11.71000	44.19000	85.00000	0.0	0.0	0.0	0.0 d
					2.1546	12.22000	44.36333	85.00000	0.0	0.0	0.0	0.0 d
					2.6933	12.73000	44.53667	85.00000	0.0	0.0	0.0	0.0 d
					3.2319	13.24000	44.71000	85.00000	0.0	0.0	0.0	0.0 d
47	Existing Tunnel Wall Highgate Chapel		ETWHGC.3		0.0	13.24000	44.71000	85.00000	0.0	0.0	0.0	0.0 d
					0.0	13.24000	44.71000	85.00000	0.0	0.0	0.0	0.0 d
					0.46578	13.14833	45.16667	85.00000	0.0	0.0	0.0	0.0 d
					0.93155	13.05667	45.62333	85.00000	0.0	0.0	0.0	0.0 d
					1.3973	12.96500	46.08000	85.00000	0.0	0.0	0.0	0.0 d
					1.8631	12.87333	46.53667	85.00000	0.0	0.0	0.0	0.0 d
					2.3289	12.78167	46.99333	85.00000	0.0	0.0	0.0	0.0 d
					2.7947	12.69000	47.45000	85.00000	0.0	0.0	0.0	0.0 d
48	Swain's Ln West Wall		SL.WW.1		0.0	14.54000	50.95000	85.00000	0.0	0.0	0.0	0.0 d
					0.50410	14.83455	50.54091	85.00000	0.0	0.0	0.0	0.0 d
					1.0082	15.12909	50.13182	85.00000	0.0	0.0	0.0	0.0 d
					1.5123	15.42364	49.72273	85.00000	0.0	0.0	0.0</	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery

A2 - Long-term Unloading and Loading

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 31-Oct-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy	δz	δperp.	
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
						2.4967	24.45667	34.30333	85.00000	0.0	0.0	0.0	d
						2.9961	24.46000	33.80400	85.00000	0.0	0.0	0.0	d
						3.4954	24.46333	33.30467	85.00000	0.0	0.0	0.0	d
						3.9948	24.46667	32.80533	85.00000	0.0	0.0	0.0	d
						4.4941	24.47000	32.30600	85.00000	0.0	0.0	0.0	d
						4.9934	24.47333	31.80667	85.00000	0.0	0.0	0.0	d
						5.4928	24.47667	31.30733	85.00000	0.0	0.0	0.0	d
						5.9921	24.48000	30.80800	85.00000	0.0	0.0	0.0	d
						6.4915	24.48333	30.30867	85.00000	0.0	0.0	0.0	d
						6.9908	24.48667	29.80933	85.00000	0.0	0.0	0.0	d
						7.4902	24.49000	29.31000	85.00000	0.0	0.0	0.0	d
						7.9895	24.49333	28.81067	85.00000	0.0	0.0	0.0	d
						8.4889	24.49667	28.31133	85.00000	0.0	0.0	0.0	d
						8.9882	24.50000	27.81200	85.00000	0.0	0.0	0.0	d
						9.4875	24.50333	27.31267	85.00000	0.0	0.0	0.0	d
						9.9869	24.50667	26.81333	85.00000	0.0	0.0	0.0	d
						10.486	24.51000	26.31400	85.00000	0.0	0.0	0.0	d
						10.986	24.51333	25.81467	85.00000	0.0	0.0	0.0	d
						11.485	24.51667	25.31533	85.00000	0.0	0.0	0.0	d
						11.984	24.52000	24.81600	85.00000	0.0	0.0	0.0	d
						12.484	24.52333	24.31667	85.00000	0.0	0.0	0.0	d
						12.983	24.52667	23.81733	85.00000	0.0	0.0	0.0	d
						13.482	24.53000	23.31800	85.00000	0.0	0.0	0.0	d
						13.982	24.53333	22.81867	85.00000	0.0	0.0	0.0	d
						14.481	24.53667	22.31933	85.00000	0.0	0.0	0.0	d
						14.980	24.54000	21.82000	85.00000	0.0	0.0	0.0	d
53	Swain's Ln West Wall		SL.WW.6		0.0	24.54000	21.82000	85.00000	0.0	0.0	0.0	0.0	d
					0.49253	24.53458	21.32750	85.00000	0.0	0.0	0.0	0.0	d
					0.98506	24.52917	20.83500	85.00000	0.0	0.0	0.0	0.0	d
					1.4776	24.52375	20.34250	85.00000	0.0	0.0	0.0	0.0	d
					1.9701	24.51833	19.85000	85.00000	0.0	0.0	0.0	0.0	d
					2.4626	24.51292	19.35750	85.00000	0.0	0.0	0.0	0.0	d
					2.9552	24.50750	18.86500	85.00000	0.0	0.0	0.0	0.0	d
					3.4477	24.50208	18.37250	85.00000	0.0	0.0	0.0	0.0	d
					3.9402	24.49667	17.88000	85.00000	0.0	0.0	0.0	0.0	d
					4.4328	24.49125	17.38750	85.00000	0.0	0.0	0.0	0.0	d
					4.9253	24.48583	16.89500	85.00000	0.0	0.0	0.0	0.0	d
					5.4178	24.48042	16.40250	85.00000	0.0	0.0	0.0	0.0	d
					5.9104	24.47500	15.91000	85.00000	0.0	0.0	0.0	0.0	d
					6.4029	24.46958	15.41750	85.00000	0.0	0.0	0.0	0.0	d
					6.8954	24.46417	14.92500	85.00000	0.0	0.0	0.0	0.0	d
					7.3879	24.45875	14.43250	85.00000	0.0	0.0	0.0	0.0	d
					7.8805	24.45333	13.94000	85.00000	0.0	0.0	0.0	0.0	d
					8.3730	24.44792	13.44750	85.00000	0.0	0.0	0.0	0.0	d
					8.8655	24.44250	12.95500	85.00000	0.0	0.0	0.0	0.0	d
					9.3581	24.43708	12.46250	85.00000	0.0	0.0	0.0	0.0	d
					9.8506	24.43167	11.97000	85.00000	0.0	0.0	0.0	0.0	d
					10.343	24.42625	11.47750	85.00000	0.0	0.0	0.0	0.0	d
					10.836	24.42083	10.98500	85.00000	0.0	0.0	0.0	0.0	d
					11.328	24.41542	10.49250	85.00000	0.0	0.0	0.0	0.0	d
					11.821	24.41000	10.00000	85.00000	0.0	0.0	0.0	0.0	d
54	Swain's Ln West Wall		SL.WW.7		0.0	24.41000	10.00000	85.00000	0.0	0.0	0.0	0.0	d
					0.49467	23.91568	10.01838	85.00000	0.0	0.0	0.0	0.0	d
					0.98933	23.42135	10.03676	85.00000	0.0	0.0	0.0	0.0	d
					1.4840	22.92703	10.05514	85.00000	0.0	0.0	0.0	0.0	d
					1.9787	22.43270	10.07351	85.00000	0.0	0.0	0.0	0.0	d
					2.4733	21.93838	10.09189	85.00000	0.0	0.0	0.0	0.0	d
					2.9680	21.44405	10.11027	85.00000	0.0	0.0	0.0	0.0	d
					3.4627	20.94973	10.12865	85.00000	0.0	0.0	0.0	0.0	d
					3.9573	20.45541	10.14703	85.00000	0.0	0.0	0.0	0.0	d
					4.4520	19.96108	10.16541	85.00000	0.0	0.0	0.0	0.0	d
					4.9467	19.46676	10.18378	85.00000	0.0	0.0	0.0	0.0	d
					5.4413	18.97243	10.20216	85.00000	0.0	0.0	0.0	0.0	d
					5.9360	18.47811	10.22054	85.00000	0.0	0.0	0.0	0.0	d
					6.4307	17.98378	10.23892	85.00000	0.0	0.0	0.0	0.0	d
					6.9253	17.48946	10.25730	85.00000	0.0	0.0	0.0	0.0	d
					7.4200	16.99514	10.27568	85.00000	0.0	0.0	0.0	0.0	d
					7.9147	16.50081	10.29405	85.00000	0.0	0.0	0.0	0.0	d
					8.4093	16.00649	10.31243	85.00000	0.0	0.0	0.0	0.0	d
					8.9040	15.51216	10.33081	85.00000	0.0	0.0	0.0	0.0	d
					9.3987	15.01784	10.34919	85.00000	0.0	0.0	0.0	0.0	d
					9.8933	14.52351	10.36757	85.00000	0.0	0.0	0.0	0.0	d
					10.388	14.02919	10.38595	85.00000	0.0	0.0	0.0	0.0	d
					10.883	13.53486	10.40432	85.00000	0.0	0.0	0.0	0.0	d
					11.377	13.04054	10.42270	85.00000	0.0	0.0	0.0	0.0	d
					11.872	12.54622	10.44108	85.00000	0.0	0.0	0.0	0.0	d
					12.367	12.05189	10.45946	85.00000	0.0	0.0	0.0	0.0	d
					12.861	11.55757	10.47784	85.00000	0.0	0.0	0.0	0.0	d
					13.356	11.06324	10.49622	85.00000	0.0	0.0	0.0	0.0	d
					13.851	10.56892	10.51459	85.00000	0.0	0.0	0.0	0.0	d
					14.345	10.07459	10.53297	85.00000	0.0	0.0	0.0	0.0	d
					14.840	9.58027	10.55135	85.00000	0.0	0.0	0.0	0.0	d
					15.335	9.08595	10.56973	85.00000	0.0	0.0	0.0	0.0	d
					15.829	8.59162	10.58811	85.00000	0.0	0.0	0.0	0.0	d
					16.324	8.09730	10.60649	85.00000	0.0	0.0	0.0	0.0	d
					16.819	7.60297	10.62486	85.00000	0.0	0.0	0.0	0.0	d
					17.313	7.10865	10.64324	85.00000	0.0	0.0	0.0	0.0	d
					17.808	6.61432	10.66162	85.00000	0.0	0.0	0.0	0.0	d
					18.303	6.12000	10.68000	85.00000	0.0	0.0	0.0	0.0	d
55	Swain's Ln West Wall												



A2 - Long-term Unloading and Loading

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 31-Oct-2024	Checked Date

Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	dx	dy	dz	dxp.	
Ref.	Ref.				[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
					6.9278	30.75333	56.32667	85.00000	0.0	0.0	0.0	d
					7.4226	30.69143	55.83571	85.00000	0.0	0.0	0.0	d
					7.9174	30.62952	55.34476	85.00000	0.0	0.0	0.0	d
					8.4123	30.56762	54.85381	85.00000	0.0	0.0	0.0	d
					8.9071	30.50571	54.36286	85.00000	0.0	0.0	0.0	d
					9.4020	30.44381	53.87190	85.00000	0.0	0.0	0.0	d
					9.8968	30.38190	53.38095	85.00000	0.0	0.0	0.0	d
					10.392	30.32000	52.89000	85.00000	0.0	0.0	0.0	d
58		Swain's Ln East Wall	SL.EW.3		0.0	30.32000	52.89000	85.00000	0.0	0.0	0.0	d
					0.48905	30.35706	52.40235	85.00000	0.0	0.0	0.0	d
					0.97811	30.39412	51.91471	85.00000	0.0	0.0	0.0	d
					1.4672	30.43118	51.42706	85.00000	0.0	0.0	0.0	d
					1.9562	30.46824	50.93941	85.00000	0.0	0.0	0.0	d
					2.4453	30.50529	50.45176	85.00000	0.0	0.0	0.0	d
					2.9343	30.54235	49.96412	85.00000	0.0	0.0	0.0	d
					3.4234	30.57941	49.47647	85.00000	0.0	0.0	0.0	d
					3.9124	30.61647	48.98882	85.00000	0.0	0.0	0.0	d
					4.4015	30.65353	48.50118	85.00000	0.0	0.0	0.0	d
					4.8905	30.69059	48.01353	85.00000	0.0	0.0	0.0	d
					5.3796	30.72765	47.52588	85.00000	0.0	0.0	0.0	d
					5.8686	30.76471	47.03824	85.00000	0.0	0.0	0.0	d
					6.3577	30.80176	46.55059	85.00000	0.0	0.0	0.0	d
					6.8467	30.83882	46.06294	85.00000	0.0	0.0	0.0	d
					7.3358	30.87588	45.57529	85.00000	0.0	0.0	0.0	d
					7.8249	30.91294	45.08765	85.00000	0.0	0.0	0.0	d
					8.3139	30.95000	44.60000	85.00000	0.0	0.0	0.0	d
59		Swain's Ln East Wall	SL.EW.4		0.0	31.22000	39.59000	85.00000	0.0	0.0	0.0	d
					0.49192	31.27273	39.10091	85.00000	0.0	0.0	0.0	d
					0.98385	31.32545	38.61182	85.00000	0.0	0.0	0.0	d
					1.4758	31.37818	38.12273	85.00000	0.0	0.0	0.0	d
					1.9677	31.43091	37.63364	85.00000	0.0	0.0	0.0	d
					2.4596	31.48364	37.14455	85.00000	0.0	0.0	0.0	d
					2.9515	31.53636	36.65545	85.00000	0.0	0.0	0.0	d
					3.4435	31.58909	36.16636	85.00000	0.0	0.0	0.0	d
					3.9354	31.64182	35.67727	85.00000	0.0	0.0	0.0	d
					4.4273	31.69455	35.18818	85.00000	0.0	0.0	0.0	d
					4.9192	31.74727	34.69909	85.00000	0.0	0.0	0.0	d
					5.4112	31.80000	34.21000	85.00000	0.0	0.0	0.0	d
					5.9031	31.85273	33.72091	85.00000	0.0	0.0	0.0	d
					6.3950	31.90545	33.23182	85.00000	0.0	0.0	0.0	d
					6.8869	31.95818	32.74273	85.00000	0.0	0.0	0.0	d
					7.3789	32.01091	32.25364	85.00000	0.0	0.0	0.0	d
					7.8708	32.06364	31.76455	85.00000	0.0	0.0	0.0	d
					8.3627	32.11636	31.27545	85.00000	0.0	0.0	0.0	d
					8.8546	32.16909	30.78636	85.00000	0.0	0.0	0.0	d
					9.3466	32.22182	30.29727	85.00000	0.0	0.0	0.0	d
					9.8385	32.27455	29.80818	85.00000	0.0	0.0	0.0	d
					10.330	32.32727	29.31909	85.00000	0.0	0.0	0.0	d
					10.822	32.38000	28.83000	85.00000	0.0	0.0	0.0	d
60		Swain's Ln East Wall	SL.EW.5		0.0	32.65000	25.93000	85.00000	0.0	0.0	0.0	d
					0.50087	32.69712	25.43135	85.00000	0.0	0.0	0.0	d
					1.0017	32.74423	24.93269	85.00000	0.0	0.0	0.0	d
					1.5026	32.79135	24.43404	85.00000	0.0	0.0	0.0	d
					2.0035	32.83846	23.93538	85.00000	0.0	0.0	0.0	d
					2.5044	32.88558	23.43673	85.00000	0.0	0.0	0.0	d
					3.0052	32.93269	22.93808	85.00000	0.0	0.0	0.0	d
					3.5061	32.97981	22.43942	85.00000	0.0	0.0	0.0	d
					4.0070	33.02692	21.94077	85.00000	0.0	0.0	0.0	d
					4.5079	33.07404	21.44212	85.00000	0.0	0.0	0.0	d
					5.0087	33.12115	20.94346	85.00000	0.0	0.0	0.0	d
					5.5096	33.16827	20.44481	85.00000	0.0	0.0	0.0	d
					6.0105	33.21538	19.94615	85.00000	0.0	0.0	0.0	d
					6.5114	33.26250	19.44750	85.00000	0.0	0.0	0.0	d
					7.0122	33.30962	18.94885	85.00000	0.0	0.0	0.0	d
					7.5131	33.35673	18.45019	85.00000	0.0	0.0	0.0	d
					8.0140	33.40385	17.95154	85.00000	0.0	0.0	0.0	d
					8.5149	33.45096	17.45288	85.00000	0.0	0.0	0.0	d
					9.0157	33.49808	16.95423	85.00000	0.0	0.0	0.0	d
					9.5166	33.54519	16.45558	85.00000	0.0	0.0	0.0	d
					10.017	33.59231	15.95692	85.00000	0.0	0.0	0.0	d
					10.518	33.63942	15.45827	85.00000	0.0	0.0	0.0	d
					11.019	33.68654	14.95962	85.00000	0.0	0.0	0.0	d
					11.520	33.73365	14.46096	85.00000	0.0	0.0	0.0	d
					12.021	33.78077	13.96231	85.00000	0.0	0.0	0.0	d
					12.522	33.82788	13.46365	85.00000	0.0	0.0	0.0	d
					13.023	33.87500	12.96500	85.00000	0.0	0.0	0.0	d
					13.524	33.92212	12.46635	85.00000	0.0	0.0	0.0	d
					14.024	33.96923	11.96769	85.00000	0.0	0.0	0.0	d
					14.525	34.01635	11.46904	85.00000	0.0	0.0	0.0	d
					15.026	34.06346	10.97038	85.00000	0.0	0.0	0.0	d
					15.527	34.11058	10.47173	85.00000	0.0	0.0	0.0	d
					16.028	34.15769	9.97308	85.00000	0.0	0.0	0.0	d
					16.529	34.20481	9.47442	85.00000	0.0	0.0	0.0	d
					17.030	34.25192	8.97577	85.00000	0.0	0.0	0.0	d
					17.531	34.29904	8.47712	85.00000	0.0	0.0	0.0	d
					18.031	34.34615	7.97846	85.00000	0.0	0.0	0.0	d
					18.532	34.39327	7.47981	85.00000	0.0	0.0	0.0	d
					19.033	34.44038	6.98115	85.00000	0.0	0.0	0.0	d
					19.534	34.48750	6.48250	85.00000	0.0	0.0	0.0	d
					20.035	34.53462	5.98385	85.00000	0.0	0.0	0.0	d
					20.536	34.58173	5.48519	85.00000	0.0	0.0	0.0	d
					21.037	34.62885	4.98654	85.00000	0.0	0.0	0.0	d
					21.538	34.67596	4.48788	85.00000	0.0	0.0	0.0	d
					22.038	34.72308	3.98923	85.00000	0.0	0.0	0.0	d
					22.539	34.77019	3.49058	85.00000	0.0	0.0	0.0	d
					23.040	34.81731	2.99192	85.00000	0.0	0.0	0.0	d
					23.541	34.86442	2.49327	85.00000	0.0	0.0	0.0	d
					24.042	34.91154	1.99462	85.00000	0.0	0.0	0.0	d
					24.543	34.95865	1.49596	85.00000	0.0	0.0	0.0	d
					25.044	35.00577	0.99731	85.00000	0.0	0.0	0.0	d
					25.545	35.05288	0.49865	85.00000	0.0	0.0	0.0	d
					26.045	35.10000	0.00000	85.00000	0.0	0.0	0.0	d

d - Displacements include imported displacements.

Specific Building Damage Results - Vertical Displacements

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
						[m]	[m]	[m]	[m]	[mm]
0	Base Model	1	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	0.0	0.0	54.90000	46.85000	85.00000	-0.18236 d
						0.51052	55.39778	46.73667	85.00000	-0.17173 d
						1.0210	55.89556	46.62333	85.00000	-0.16152 d
						1.5315	56.39333	46.51000	85.00000	-0.15175 d
						2.0421	56.89111	46.39667	85.00000	-0.14240 d
						2.5526	57.38889	46.28333	85.00000	-0.13348 d
						3.0631	57.88667	46.17000	85.00000	-0.12500 d
						3.5736	58.38444	46.05667	85.00000	-0.11693 d
						4.0841	58.88222	45.94333	85.00000	-0.10927 d
						4.5946	59.38000	45.83000	85.00000	-0.10202 d
		2	Mausoleum of Lord Dalziel of Wooler	Mau.1.2	0.0	0.0	59.38000	45.83000	85.00000	-0.10202 d
						0.49235	59.49800	46.30800	85.00000	-0.096719 d
						0.98470	59.61600	46.78600	85.00000	-0.091585 d
						1.4770	59.73400	47.26400	85.00000	-0.086623 d
						1.9694	59.85200	47.74200	85.00000	-0.081837 d
						2.4617	59.97000	48.22000	85.00000	-0.077231 d
						2.9541	60.08800	48.69800	85.00000	-0.072805 d
						3.4464	60.20600	49.17600	85.00000	-0.068559 d
						3.9388	60.32400	49.65400	85.00000	-0.064493 d



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery

A2 - Long-term Unloading and Loading

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A-SQUARED STUDIO

ENGINEERS LTD

Highgate Cemetery

A2 - Long-term Unloading and Loading

Job No.

3500

Sheet No.

Rev.

Drg. Ref.

Made by

PES

Date

31-Oct-2024

Checked

Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	[mm]
						4.4311	60.44200	50.13200	85.00000	-0.060604
						4.9235	60.56000	50.61000	85.00000	-0.056892
3	Mausoleum of Lord Dalziel of Wooler		Mau.1.3		0.0	0.0	60.56000	50.61000	85.00000	-0.056892
						0.50259	60.07222	50.73111	85.00000	-0.060415
						1.0052	59.58444	50.85222	85.00000	-0.064082
						1.5078	59.09667	50.97333	85.00000	-0.067895
						2.0104	58.60889	51.09444	85.00000	-0.071851
						2.5129	58.12111	51.21556	85.00000	-0.075948
						3.0155	57.63333	51.33667	85.00000	-0.080182
						3.5181	57.14556	51.45778	85.00000	-0.084550
						4.0207	56.65778	51.57889	85.00000	-0.089045
						4.5233	56.17000	51.70000	85.00000	-0.093660
4	Mausoleum of Lord Dalziel of Wooler		Mau.1.4		0.0	0.0	56.17000	51.70000	85.00000	-0.093660
						0.50135	56.04300	51.21500	85.00000	-0.10053
						1.0027	55.91600	50.73000	85.00000	-0.10782
						1.5041	55.78900	50.24500	85.00000	-0.11553
						2.0054	55.66200	49.76000	85.00000	-0.12368
						2.5068	55.53500	49.27500	85.00000	-0.13229
						3.0081	55.40800	48.79000	85.00000	-0.14135
						3.5095	55.28100	48.30500	85.00000	-0.15089
						4.0108	55.15400	47.82000	85.00000	-0.16090
						4.5122	55.02700	47.33500	85.00000	-0.17139
						5.0135	54.90000	46.85000	85.00000	-0.18236
5	Small Ticket Kiosk		STK.1.1		0.0	0.0	35.76000	61.70000	85.00000	-0.068406
						0.51305	36.26875	61.63375	85.00000	-0.069743
						1.0261	36.77750	61.56750	85.00000	-0.070978
						1.5391	37.28625	61.50125	85.00000	-0.072103
						2.0522	37.79500	61.43500	85.00000	-0.073112
						2.5652	38.30375	61.36875	85.00000	-0.073997
						3.0783	38.81250	61.30250	85.00000	-0.074753
						3.5913	39.32125	61.23625	85.00000	-0.075377
						4.1044	39.83000	61.17000	85.00000	-0.075862
6	Small Ticket Kiosk		STK.1.2		0.0	0.0	39.83000	61.17000	85.00000	-0.075862
						0.45872	39.77167	60.71500	85.00000	-0.082209
						0.91745	39.71333	60.26000	85.00000	-0.089062
						1.3762	39.65500	59.80500	85.00000	-0.096461
						1.8349	39.59667	59.35000	85.00000	-0.10445
						2.2936	39.53833	58.89500	85.00000	-0.11307
						2.7523	39.48000	58.44000	85.00000	-0.12238
7	Small Ticket Kiosk		STK.1.3		0.0	0.0	39.48000	58.44000	85.00000	-0.12238
						0.51289	38.97125	58.50500	85.00000	-0.12154
						1.0258	38.46250	58.57000	85.00000	-0.12046
						1.5387	37.95375	58.63500	85.00000	-0.11913
						2.0515	37.44500	58.70000	85.00000	-0.11758
						2.5644	36.93625	58.76500	85.00000	-0.11581
						3.0773	36.42750	58.83000	85.00000	-0.11383
						3.5902	35.91875	58.89500	85.00000	-0.11167
8	Small Ticket Kiosk		STK.1.4		0.0	4.1031	35.41000	58.96000	85.00000	-0.10933
						0.46038	35.46833	59.41667	85.00000	-0.10119
						0.92075	35.52667	59.87333	85.00000	-0.093637
						1.3811	35.58500	60.33000	85.00000	-0.086615
						1.8415	35.64333	60.78667	85.00000	-0.080092
						2.3019	35.70167	61.24333	85.00000	-0.074033
						2.7623	35.76000	61.70000	85.00000	-0.068406
9	Mausoleum 2		Mau.2.1		0.0	0.0	35.76000	61.70000	85.00000	-0.068406
						0.47482	50.05250	71.63000	85.00000	-0.0061304
						0.94964	49.98500	71.16000	85.00000	-0.0069554
						1.4245	49.91750	70.69000	85.00000	-0.0078469
						1.8993	49.85000	70.22000	85.00000	-0.0088099
						2.3741	49.78250	69.75000	85.00000	-0.0098502
						2.8489	49.71500	69.28000	85.00000	-0.010974
						3.3238	49.64750	68.81000	85.00000	-0.012187
						3.7986	49.58000	68.34000	85.00000	-0.013497
10	Mausoleum 2		Mau.2.2		0.0	0.0	49.58000	68.34000	85.00000	-0.013497
						0.51916	49.06286	68.38571	85.00000	-0.013873
						1.0383	48.54571	68.43143	85.00000	-0.014235
						1.5575	48.02857	68.47714	85.00000	-0.014581
						2.0766	47.51143	68.52286	85.00000	-0.014909
						2.5958	46.99429	68.56857	85.00000	-0.015218
						3.1150	46.47714	68.61429	85.00000	-0.015507
						3.6341	45.96000	68.66000	85.00000	-0.015775
11	Mausoleum 2		Mau.2.3		0.0	0.0	45.96000	68.66000	85.00000	-0.015775
						0.49562	46.02429	69.15143	85.00000	-0.014212
						0.99123	46.08857	69.64286	85.00000	-0.012772
						1.4868	46.15286	70.13429	85.00000	-0.011445
						1.9825	46.21714	70.62571	85.00000	-0.010222
						2.4781	46.28143	71.11714	85.00000	-0.0090950
						2.9737	46.34571	71.60857	85.00000	-0.0080568
						3.4693	46.41000	72.10000	85.00000	-0.0071003
12	Mausoleum 3		Mau.3.1		0.0	0.0	39.34000	72.10000	85.00000	-0.0089814
						0.51823	39.24800	71.59000	85.00000	-0.010144
						1.0365	39.15600	71.08000	85.00000	-0.011409
						1.5547	39.06400	70.57000	85.00000	-0.012786
						2.0729	38.97200	70.06000	85.00000	-0.014285
						2.5912	38.88000	69.55000	85.00000	-0.015917
13	Mausoleum 3		Mau.3.2		0.0	0.0	38.88000	69.55000	85.00000	-0.015917
						0.47154	38.41600	69.63400	85.00000	-0.015665
						0.94308	37.95200	69.71800	85.00000	-0.015395
						1.4146	37.48800	69.80200	85.00000	-0.015108
						1.8862	37.02400	69.88600	85.00000	-0.014805
						2.3577	36.56000	69.97000	85.00000	-0.014487
14	Mausoleum 3		Mau.3.3		0.0	0.0	36.56000	69.97000	85.00000	-0.014487
						0.53848	36.64000	70.50250	85.00000	-0.012927
						1.0770	36.72000	71.03500	85.00000	-0.011497
						1.6154	36.80000	71.56750	85.00000	-0.010187
						2.1539	36.88000	72.10000	85.00000	-0.0089859
15	Highgate Chapel		HGC.1		0.0	0.0	15.73000	72.10000	85.00000	-520.47E-6
						0.49590	15.69700	71.60520	85.00000	-821.56E-6
						0.99180	15.66400	71.11040	85.00000	-0.0011424
						1.4877	15.63100	70.61560	85.00000	-0.0014839
						1.9836	15.59800	70.12080	85.00000	-0.0018470
						2.4795	15.56500	69.62600	85.00000	-0.0022329



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery

A2 - Long-term Unloading and Loading

										Job No.	Sheet No.	Rev.	
										3500			
										Drg. Ref.			
										Made by PES	Date 31-Oct-2024	Checked	Date
Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz			
					[m]	[m]	[m]	[m]	[m]	[mm]			
						16.365	14.64100	55.77160	85.00000	-0.026349	d		
						16.861	14.60800	55.27680	85.00000	-0.027771	d		
						17.356	14.57500	54.78200	85.00000	-0.029228	d		
						17.852	14.54200	54.28720	85.00000	-0.030716	d		
						18.348	14.50900	53.79240	85.00000	-0.032234	d		
						18.844	14.47600	53.29760	85.00000	-0.033778	d		
						19.340	14.44300	52.80280	85.00000	-0.035346	d		
						19.836	14.41000	52.30800	85.00000	-0.036933	d		
						20.332	14.37700	51.81320	85.00000	-0.038536	d		
						20.828	14.34400	51.31840	85.00000	-0.040150	d		
						21.324	14.31100	50.82360	85.00000	-0.041771	d		
						21.820	14.27800	50.32880	85.00000	-0.043394	d		
						22.315	14.24500	49.83400	85.00000	-0.045014	d		
						22.811	14.21200	49.33920	85.00000	-0.046625	d		
						23.307	14.17900	48.84440	85.00000	-0.048220	d		
						23.803	14.14600	48.34960	85.00000	-0.049796	d		
						24.299	14.11300	47.85480	85.00000	-0.051344	d		
16	Highgate Chapel		HGC.2	0.0		24.795	14.08000	47.36000	85.00000	-0.052859	d		
						0.0	14.08000	47.36000	85.00000	-0.052859	d		
						0.50652	13.57462	47.39385	85.00000	-0.048624	d		
						1.0130	13.06923	47.42769	85.00000	-0.044695	d		
						1.5196	12.56385	47.46154	85.00000	-0.041052	d		
						2.0261	12.05846	47.49538	85.00000	-0.037674	d		
						2.5326	11.55308	47.52923	85.00000	-0.034544	d		
						3.0391	11.04769	47.56308	85.00000	-0.031644	d		
						3.5456	10.54231	47.59692	85.00000	-0.028958	d		
						4.0521	10.03692	47.63077	85.00000	-0.026470	d		
						4.5587	9.53154	47.66462	85.00000	-0.024166	d		
						5.0652	9.02615	47.69846	85.00000	-0.022034	d		
						5.5717	8.52077	47.73231	85.00000	-0.020061	d		
						6.0782	8.01538	47.76615	85.00000	-0.018235	d		
17	Highgate Chapel		HGC.3	0.0		6.5847	7.51000	47.80000	85.00000	-0.016545	d		
						0.0	7.51000	47.80000	85.00000	-0.016545	d		
						0.49831	7.55878	48.29592	85.00000	-0.016138	d		
						0.99662	7.60755	48.79184	85.00000	-0.015717	d		
						1.4949	7.65633	49.28776	85.00000	-0.015281	d		
						1.9932	7.70510	49.78367	85.00000	-0.014834	d		
						2.4916	7.75388	50.27959	85.00000	-0.014376	d		
						2.9899	7.80265	50.77551	85.00000	-0.013909	d		
						3.4882	7.85143	51.27143	85.00000	-0.013435	d		
						3.9865	7.90020	51.76735	85.00000	-0.012955	d		
						4.4848	7.94898	52.26327	85.00000	-0.012471	d		
						4.9831	7.99776	52.75918	85.00000	-0.011983	d		
						5.4814	8.04653	53.25510	85.00000	-0.011494	d		
						5.9797	8.09531	53.75102	85.00000	-0.011004	d		
						6.4780	8.14408	54.24694	85.00000	-0.010515	d		
						6.9764	8.19286	54.74286	85.00000	-0.010028	d		
						7.4747	8.24163	55.23878	85.00000	-0.0095436	d		
						7.9730	8.29041	55.73469	85.00000	-0.0090638	d		
						8.4713	8.33918	56.23061	85.00000	-0.0085891	d		
						8.9696	8.38796	56.72653	85.00000	-0.0081205	d		
						9.4679	8.43673	57.22245	85.00000	-0.0076587	d		
						9.9662	8.48551	57.71837	85.00000	-0.0072046	d		
						10.465	8.53429	58.21429	85.00000	-0.0067589	d		
						10.963	8.58306	58.71020	85.00000	-0.0063221	d		
						11.461	8.63184	59.20612	85.00000	-0.0058949	d		
						11.959	8.68061	59.70204	85.00000	-0.0054776	d		
						12.458	8.72939	60.19796	85.00000	-0.0050709	d		
						12.956	8.77816	60.69388	85.00000	-0.0046749	d		
						13.454	8.82694	61.18980	85.00000	-0.0042901	d		
						13.953	8.87571	61.68571	85.00000	-0.0039167	d		
						14.451	8.92449	62.18163	85.00000	-0.0035548	d		
						14.949	8.97327	62.67755	85.00000	-0.0032046	d		
						15.448	9.02204	63.17347	85.00000	-0.0028662	d		
						15.946	9.07082	63.66939	85.00000	-0.0025397	d		
						16.444	9.11959	64.16531	85.00000	-0.0022250	d		
						16.943	9.16837	64.66122	85.00000	-0.0019221	d		
						17.441	9.21714	65.15714	85.00000	-0.0016311	d		
						17.939	9.26592	65.65306	85.00000	-0.0013516	d		
						18.438	9.31469	66.14898	85.00000	-0.0010837	d		
						18.936	9.36347	66.64490	85.00000	-0.0008256	d		
						19.434	9.41224	67.14082	85.00000	-0.0005819	d		
						19.932	9.46102	67.63673	85.00000	-0.0003470	d		
						20.431	9.50980	68.13265	85.00000	-0.0001256	d		
						20.929	9.55857	68.62857	85.00000	-0.0000000	d		
						21.427	9.60735	69.12449	85.00000	-0.0000000	d		
						21.926	9.65612	69.62041	85.00000	-0.0000000	d		
						22.424	9.70490	70.11633	85.00000	-0.0000000	d		
						22.922	9.75367	70.61224	85.00000	-0.0000000	d		
						23.421	9.80245	71.10816	85.00000	-0.0000000	d		
						23.919	9.85122	71.60408	85.00000	-0.0000000	d		
						24.417	9.90000	72.10000	85.00000	-0.0000000	d		
18	Highgate Chapel		HGC.4	0.0		0.0	7.12000	43.02000	85.00000	-0.019718	d		
						0.48972	7.56000	43.23500	85.00000	-0.021256	d		
						0.97944	8.00000	43.45000	85.00000	-0.022882	d		
						1.4692	8.44000	43.66500	85.00000	-0.024598	d		
						1.9589	8.88000	43.88000	85.00000	-0.026411	d		
						2.4486	9.32000	44.09500	85.00000	-0.028321	d		
						2.9383	9.76000	44.31000	85.00000	-0.030335	d		
19	Highgate Chapel		HGC.5	0.0		0.0	9.76000	44.31000	85.00000	-0.030335	d		
						0.51133	9.98556	43.85111	85.00000	-0.032213	d		
						1.0227	10.21111	43.39222	85.00000	-			



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery

A2 - Long-term Unloading and Loading

Oasys

A-SQUARED STUDIO

ENGINEERS LTD

Highgate Cemetery

A2 - Long-term Unloading and Loading

Job No.

3500

Drg. Ref.

Sheet No.

Rev.

Made by

PES

Date

31-Oct-2024

Checked

Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	[mm]
						1.5401	20.49800	43.49000	85.00000	-0.17964
						2.0535	20.86400	43.13000	85.00000	-0.19303
						2.5669	21.23000	42.77000	85.00000	-0.20714
						3.0803	21.59600	42.41000	85.00000	-0.22198
						3.5936	21.96200	42.05000	85.00000	-0.23751
						4.1070	22.32800	41.69000	85.00000	-0.25370
						4.6204	22.69400	41.33000	85.00000	-0.27050
24	Highgate Chapel		HGC.10		0.0	5.1338	23.06000	40.97000	85.00000	-0.28783
						0.0	23.06000	40.97000	85.00000	-0.28783
						0.49428	22.71300	40.61800	85.00000	-0.27683
						0.98856	22.36600	40.26600	85.00000	-0.26581
						1.4828	22.01900	39.91400	85.00000	-0.25484
						1.9771	21.67200	39.56200	85.00000	-0.24394
						2.4714	21.32500	39.21000	85.00000	-0.23315
						2.9657	20.97800	38.85800	85.00000	-0.22252
						3.4600	20.63100	38.50600	85.00000	-0.21207
						3.9542	20.28400	38.15400	85.00000	-0.20184
						4.4485	19.93700	37.80200	85.00000	-0.19184
						4.9428	19.59000	37.45000	85.00000	-0.18210
25	Highgate Chapel		HGC.11		0.0	0.0	19.59000	37.45000	85.00000	-0.18210
						0.51338	19.22400	37.81000	85.00000	-0.17206
						1.0268	18.85800	38.17000	85.00000	-0.16230
						1.5401	18.49200	38.53000	85.00000	-0.15286
						2.0535	18.12600	38.89000	85.00000	-0.14376
						2.5669	17.76000	39.25000	85.00000	-0.13501
						3.0803	17.39400	39.61000	85.00000	-0.12663
						3.5936	17.02800	39.97000	85.00000	-0.11861
						4.1070	16.66200	40.33000	85.00000	-0.11097
						4.6204	16.29600	40.69000	85.00000	-0.10370
						5.1338	15.93000	41.05000	85.00000	-0.09680
26	81 Swain's Ln		81.SL.1		0.0	0.0	12.32000	22.91000	85.00000	-0.030480
						0.49414	12.33810	23.40381	85.00000	-0.031838
						0.98828	12.35619	23.89762	85.00000	-0.033212
						1.4824	12.37429	24.39143	85.00000	-0.034599
						1.9766	12.39238	24.88524	85.00000	-0.035996
						2.4707	12.41048	25.37905	85.00000	-0.037400
						2.9648	12.42857	25.87286	85.00000	-0.038806
						3.4590	12.44667	26.36667	85.00000	-0.040211
						3.9531	12.46476	26.86048	85.00000	-0.041610
						4.4473	12.48286	27.35429	85.00000	-0.043000
						4.9414	12.50095	27.84810	85.00000	-0.044375
						5.4356	12.51905	28.34190	85.00000	-0.045731
						5.9297	12.53714	28.83571	85.00000	-0.047063
						6.4238	12.55524	29.32952	85.00000	-0.048365
						6.9180	12.57333	29.82333	85.00000	-0.049634
						7.4121	12.59143	30.31714	85.00000	-0.050863
						7.9063	12.60952	30.81095	85.00000	-0.052047
						8.4004	12.62762	31.30476	85.00000	-0.053182
						8.8945	12.64571	31.79857	85.00000	-0.054262
						9.3887	12.66381	32.29238	85.00000	-0.055282
						9.8828	12.68190	32.78619	85.00000	-0.056237
						10.377	12.70000	33.28000	85.00000	-0.057123
27	81 Swain's Ln		81.SL.2		0.0	0.0	12.70000	33.28000	85.00000	-0.057123
						0.50866	13.20833	33.26167	85.00000	-0.062165
						1.0173	13.71667	33.24333	85.00000	-0.067607
						1.5260	14.22500	33.22500	85.00000	-0.073476
						2.0347	14.73333	33.20667	85.00000	-0.079803
						2.5433	15.24167	33.18833	85.00000	-0.086616
						3.0520	15.75000	33.17000	85.00000	-0.093948
						3.5606	16.25833	33.15167	85.00000	-0.10183
						4.0693	16.76667	33.13333	85.00000	-0.11029
						4.5780	17.27500	33.11500	85.00000	-0.11937
						5.0866	17.78333	33.09667	85.00000	-0.12909
						5.5953	18.29167	33.07833	85.00000	-0.13948
						6.1040	18.80000	33.06000	85.00000	-0.15057
28	81 Swain's Ln		81.SL.3		0.0	0.0	18.80000	33.06000	85.00000	-0.15057
						0.50350	18.78714	32.55667	85.00000	-0.14777
						1.0070	18.77429	32.05333	85.00000	-0.14478
						1.5105	18.76143	31.55000	85.00000	-0.14161
						2.0140	18.74857	31.04667	85.00000	-0.13828
						2.5175	18.73571	30.54333	85.00000	-0.13480
						3.0210	18.72286	30.04000	85.00000	-0.13120
						3.5245	18.71000	29.53667	85.00000	-0.12749
						4.0280	18.69714	29.03333	85.00000	-0.12369
						4.5315	18.68429	28.53000	85.00000	-0.11982
						5.0350	18.67143	28.02667	85.00000	-0.11590
						5.5385	18.65857	27.52333	85.00000	-0.11193
						6.0420	18.64571	27.02000	85.00000	-0.10794
						6.5455	18.63286	26.51667	85.00000	-0.10394
						7.0490	18.62000	26.01333	85.00000	-0.099938
						7.5525	18.60714	25.51000	85.00000	-0.095957
						8.0560	18.59429	25.00667	85.00000	-0.092005
						8.5595	18.58143	24.50333	85.00000	-0.088094
						9.0630	18.56857	24.00000	85.00000	-0.084234
						9.5665	18.55571	23.49667	85.00000	-0.080435
						10.070	18.54286	22.99333	85.00000	-0.076706
						10.573	18.53000	22.49000	85.00000	-0.073054
29	81 Swain's Ln		81.SL.4		0.0	0.0	18.53000	22.49000	85.00000	-0.073054
						0.51868	18.01250	22.52500	85.00000	-0.068319
						1.0374	17.49500	22.56000	85.00000	-0.063823
						1.5560	16.97750	22.59500	85.00000	-0.059561
						2.0747	16.46000	22.63000	85.00000	-0.055525
						2.5934	15.94250	22.66500	85.00000	-0.051709
						3.1121	15.42500	22.70000	85.00000	-0.048105
						3.6308	14.90750	22.73500	85.00000	-0.044705
						4.1495	14.39000	22.77000	85.00000	-0.041501
						4.6681	13.87250	22.80500	85.00000	-0.038485
						5.1868	13.35500	22.84000	85.00000	-0.035648
						5.7055	12.83750	22.87500	85.00000	-0.032983
						6.2242	12.32000	22.91000	85.00000	-0.030480
30	81 Swain's Ln		81.SL.5		0.0	0.0	12.32000	22.91000	85.00000	-0.0266702
						0.50739	3.49706	26.51176	85.00000	-0.0075236
						1.0148	4.00412	26.49353	85.00000	-0.0084446
						1.5222	4.51118	26.47529	85.0000	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery

A2 - Long-term Unloading and Loading

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 31-Oct-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]		[m]	[m]	[m]	[mm]
						0.50423	10.92588	21.43059	85.00000	-0.021356 d
						1.0085	10.42176	21.44118	85.00000	-0.019647 d
						1.5127	9.91765	21.45176	85.00000	-0.018047 d
						2.0169	9.41353	21.46235	85.00000	-0.016548 d
						2.5211	8.90941	21.47294	85.00000	-0.015145 d
						3.0254	8.40529	21.48353	85.00000	-0.013833 d
						3.5296	7.90118	21.49412	85.00000	-0.012606 d
						4.0338	7.39706	21.50471	85.00000	-0.011460 d
						4.5381	6.89294	21.51529	85.00000	-0.010389 d
						5.0423	6.38882	21.52588	85.00000	-0.009389 d
						5.5465	5.88471	21.53647	85.00000	-0.0084575 d
						6.0507	5.38059	21.54706	85.00000	-0.0075880 d
						6.5550	4.87647	21.55765	85.00000	-0.0067775 d
						7.0592	4.37235	21.56824	85.00000	-0.0060224 d
						7.5634	3.86824	21.57882	85.00000	-0.0053192 d
						8.0677	3.36412	21.58941	85.00000	-0.0046648 d
						8.5719	2.86000	21.60000	85.00000	-0.0040560 d
33	81 Swain's Ln		81.SL.8	0.0	0.0	2.86000	21.60000	85.00000	85.00000	-0.0040560 d
						0.49317	2.87300	22.09300	85.00000	-0.0043170 d
						0.98634	2.88600	22.58600	85.00000	-0.0045796 d
						1.4795	2.89900	23.07900	85.00000	-0.0048433 d
						1.9727	2.91200	23.57200	85.00000	-0.0051076 d
						2.4659	2.92500	24.06500	85.00000	-0.0053718 d
						2.9590	2.93800	24.55800	85.00000	-0.0056353 d
						3.4522	2.95100	25.05100	85.00000	-0.0058976 d
						3.9454	2.96400	25.54400	85.00000	-0.0061580 d
						4.4385	2.97700	26.03700	85.00000	-0.0064157 d
34	79 Swain's Ln		79.SL.1	0.0	4.9317	2.99000	26.53000	85.00000	85.00000	-0.0066702 d
					0.0	0.00000	21.17000	85.00000	85.00000	-0.0011890 d
						0.49646	0.49622	21.15432	85.00000	-0.0015669 d
						0.99293	0.99243	21.13865	85.00000	-0.0019737 d
						1.4894	1.48865	21.12297	85.00000	-0.0024114 d
						1.9859	1.98486	21.10730	85.00000	-0.0028818 d
						2.4823	2.48108	21.09162	85.00000	-0.0033873 d
						2.9788	2.97730	21.07595	85.00000	-0.0039301 d
						3.4752	3.47351	21.06027	85.00000	-0.0045126 d
						3.9717	3.96973	21.04459	85.00000	-0.0051374 d
						4.4682	4.46595	21.02892	85.00000	-0.0058073 d
						4.9646	4.96216	21.01324	85.00000	-0.0065251 d
						5.4611	5.45838	20.99757	85.00000	-0.0072937 d
						5.9576	5.95459	20.98189	85.00000	-0.0081166 d
						6.4540	6.45081	20.96622	85.00000	-0.0089969 d
						6.9505	6.94703	20.95054	85.00000	-0.0099383 d
						7.4470	7.44324	20.93486	85.00000	-0.010944 d
						7.9434	7.93946	20.91919	85.00000	-0.012019 d
						8.4399	8.43568	20.90351	85.00000	-0.013167 d
						8.9363	8.93189	20.88784	85.00000	-0.014391 d
						9.4328	9.42811	20.87216	85.00000	-0.015697 d
						9.9293	9.92432	20.85649	85.00000	-0.017090 d
						10.426	10.42054	20.84081	85.00000	-0.018573 d
						10.922	10.91676	20.82514	85.00000	-0.020152 d
						11.419	11.41297	20.80946	85.00000	-0.021832 d
						11.915	11.90919	20.79378	85.00000	-0.023619 d
						12.412	12.40541	20.77811	85.00000	-0.025518 d
						12.908	12.90162	20.76243	85.00000	-0.027354 d
						13.405	13.39784	20.74676	85.00000	-0.029274 d
						13.901	13.89405	20.73108	85.00000	-0.031342 d
						14.397	14.39027	20.71541	85.00000	-0.033436 d
						14.894	14.88649	20.69973	85.00000	-0.035689 d
						15.390	15.38270	20.68405	85.00000	-0.038051 d
						15.887	15.87892	20.66838	85.00000	-0.040425 d
						16.383	16.37514	20.65270	85.00000	-0.042846 d
						16.880	16.87135	20.63703	85.00000	-0.045319 d
						17.376	17.36757	20.62135	85.00000	-0.047859 d
						17.873	17.86378	20.60568	85.00000	-0.050434 d
35	79 Swain's Ln		79.SL.2	0.0	18.369	18.36000	20.59000	85.00000	85.00000	-0.053121 d
					0.0	18.36000	20.59000	85.00000	85.00000	-0.053121 d
						0.50038	18.32944	20.09056	85.00000	-0.055868 d
						1.0008	18.29889	19.59111	85.00000	-0.058733 d
						1.5011	18.26833	19.09167	85.00000	-0.061716 d
						2.0015	18.23778	18.59222	85.00000	-0.064818 d
						2.5019	18.20722	18.09278	85.00000	-0.068043 d
						3.0023	18.17667	17.59333	85.00000	-0.071375 d
						3.5026	18.14611	17.09389	85.00000	-0.074828 d
						4.0030	18.11556	16.59444	85.00000	-0.078396 d
						4.5034	18.08500	16.09500	85.00000	-0.082076 d
						5.0038	18.05444	15.59556	85.00000	-0.085865 d
						5.5042	18.02389	15.09611	85.00000	-0.089762 d
						6.0045	17.99333	14.59667	85.00000	-0.093763 d
						6.5049	17.96278	14.09722	85.00000	-0.097864 d
						7.0053	17.93222	13.59778	85.00000	-0.102064 d
						7.5057	17.90167	13.09833	85.00000	-0.106358 d
						8.0061	17.87111	12.59889	85.00000	-0.110742 d
						8.5064	17.84056	12.09944	85.00000	-0.115214 d
						9.0068	17.81000	11.60000	85.00000	-0.119771 d
36	79 Swain's Ln		79.SL.3	0.0	9.5076	17.81000	11.60000	85.00000	85.00000	-0.124417 d
					0.0	17.81000	11.60000	85.00000	85.00000	-0.124417 d
					0.49352	17.31739	11.63000	85.00000	85.00000	-0.016765 d
					0.98704	16.82478	11.66000	85.00000	85.00000	-0.015792 d
					1.4806	16.33217	11.69000	85.00000	85.00000	-0.014851 d
					1.9741	15.83957	11.72000	85.00000	85.00000	-0.013942 d
					2.4676	15.34696	11.75000	85.00000	85.00000	-0.013065 d
					2.9611	14.85435	11.78000	85.00000	85.00000	-0.012221 d
					3.4546	14.36174	11.81000	85.00000	85.00000	-0.011409 d
					3.9482	13.86913	11.84000	85.00000	85.00000	-0.010628 d
					4.4417	13.37652	11.87000	85.00000	85.00000	-0.0098783 d
					4.9352	12.88391	11.90000	85.00000	85.00000	-0.0091597 d
					5.4287	12.39130	11.93000	85.00000	85.00000	-0.0084713 d
					5.9223	11.89870	11.96000	85.00000	85.00000	-0.0078127 d
					6.4158	11.40609	11.99000	85.00000	85.00000	-0.0071831 d
					6.9093	10.91348	12.02000	85.00000	85.00000	-0.0065819 d
					7.4028	10.42087	12.05000	85.00000	85.00000	-0.0060083 d
					7.8963	9.92826	12.08000	85.00000	85.00000	-0.0054617 d
					8.3899	9.43565	12.11000	85.00000	85.00000	-0.0049412 d
					8.8834	8.94304	12.14000	85.00000	85.00000	-0.0044460 d
					9.3769	8.45043	12.17000	85.00000	85.00000	-0.0039753 d
					9.8704	7.95783	12.20000	85.00000	85.00000	-0.0035284 d
					10.364	7.46522	12.23000	85.00000	85.00000	-0.0031044 d
					10.857	6.97261	12.26000	85.00000	85.00000	-0.0027024 d
					11.351	6.48000	12.29000	85.00000	85.00000	-0.0023218 d
37	79 Swain's Ln		79.SL.4	0.0	0.0	6.48000	12.29000	85.00000	85.00000	-0.0023218 d
					0.48889	6.48889	12.29000	85.00000	85.00000	-0.0023218 d
					0.97778	6.48822	12.26778	85.00000	85.00000	-0.0029296 d
					1.4667	6.48333	12.23567	85.00000	85.00000	-0.0032495 d
					1.9556	6.48444	12.24556	85.00000	85.00000	-0.0035801 d
					2.4445	6.48556	12.25544	85.00000	85.00000	-0.0039213 d
					2.9333	6.48667	12.26533	85.00000	85.00000	-0.0042730 d
					3.4222	6.48778	12.27522	85.00000	85.00000	-0.0046350 d
					3.9111	6.48889	12.28511	85.00000	85.00000	-0.0050071 d
					4.4000	6.49000	12.29500	85.00000	85.00000	-0.0053890 d
38	79 Swain's Ln		79.SL.5	0.0	0.0	6.49000	12.29500	85.00000	85.00000	-0.0053890 d
					0.49957	6.49957	12.29500	85.00000	85.00000	-0.0053890 d
					0.99914	5.49154	16.72692	85.00000	85.00000	-0.0042280 d
					1.4987	4.99231	16.74538	85.00000	85.00000	-0.003700



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery

A2 - Long-term Unloading and Loading

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A2 - Long-term Unloading and Loading

Job No.

3500

Sheet No.

Rev.

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Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	[mm]
						5.4953	0.99846	16.89308	85.00000	-527.72E-6
						5.9949	0.49923	16.91154	85.00000	-239.87E-6
						6.4944	0.00000	16.93000	85.00000	28.161E-6
39	184 to 210 Oakeshott Ave			184to210.OA.1	0.0	0.0	9.09000	0.00000	85.00000	0.0016423
						0.58380	8.92500	0.56000	85.00000	0.0015389
						1.1676	8.76000	1.12000	85.00000	0.0014305
40	184 to 210 Oakeshott Ave			184to210.OA.2	0.0	0.0	8.76000	1.12000	85.00000	0.0014305
						0.49749	9.23722	1.26056	85.00000	0.0012832
						0.99498	9.71444	1.40111	85.00000	0.0011248
						1.4925	10.19167	1.54167	85.00000	954.73E-6
						1.9900	10.66889	1.68222	85.00000	772.39E-6
						2.4875	11.14611	1.82278	85.00000	577.10E-6
						2.9849	11.62333	1.96333	85.00000	368.18E-6
						3.4824	12.10056	2.10389	85.00000	144.93E-6
						3.9799	12.57778	2.24444	85.00000	-93.379E-6
						4.4774	13.05500	2.38500	85.00000	-347.51E-6
						4.9749	13.53222	2.52556	85.00000	-618.24E-6
						5.4724	14.00944	2.66611	85.00000	-906.38E-6
						5.9699	14.48667	2.80667	85.00000	-0.0012128
						6.4674	14.96389	2.94722	85.00000	-0.0015383
						6.9649	15.44111	3.08778	85.00000	-0.0018837
						7.4624	15.91833	3.22833	85.00000	-0.0022501
						7.9598	16.39556	3.36889	85.00000	-0.0026383
						8.4573	16.87278	3.50944	85.00000	-0.0030493
						8.9548	17.35000	3.65000	85.00000	-0.0034839
41	184 to 210 Oakeshott Ave			184to210.OA.3	0.0	0.0	17.35000	3.65000	85.00000	-0.0034839
						0.47761	17.49125	3.19375	85.00000	-0.0031278
						0.95523	17.63250	2.73750	85.00000	-0.0027857
						1.4328	17.77375	2.28125	85.00000	-0.0024574
						1.9105	17.91500	1.82500	85.00000	-0.0021427
						2.3881	18.05625	1.36875	85.00000	-0.0018413
						2.8657	18.19750	0.91250	85.00000	-0.0015529
						3.3433	18.33875	0.45625	85.00000	-0.0012774
						3.8209	18.48000	0.00000	85.00000	-0.0010143
42	Existing Tunnel Wall Gardeners Compound			ETWGC.1	0.0	0.0	32.07000	36.91000	85.00000	-0.30321
						0.48730	31.58471	36.86588	85.00000	0.31586
						0.97459	31.09941	36.82176	85.00000	0.58583
						1.4619	30.61412	36.77765	85.00000	0.49203
						1.9492	30.12882	36.73353	85.00000	-0.13972
						2.4365	29.64353	36.68941	85.00000	-0.31781
						2.9238	29.15824	36.64529	85.00000	-0.40061
						3.4111	28.67294	36.60118	85.00000	-0.44009
						3.8984	28.18765	36.55706	85.00000	-0.45615
						4.3857	27.70235	36.51294	85.00000	-0.45828
						4.8730	27.21706	36.46882	85.00000	-0.45172
						5.3602	26.73176	36.42471	85.00000	-0.43959
						5.8475	26.24647	36.38059	85.00000	-0.42389
						6.3348	25.76118	36.33647	85.00000	-0.40597
						6.8221	25.27588	36.29235	85.00000	-0.38674
						7.3094	24.79059	36.24824	85.00000	-0.36685
						7.7967	24.30529	36.20412	85.00000	-0.34676
43	Existing Tunnel Wall Gardeners Compound			ETWGC.2	0.0	8.2840	23.82000	36.16000	85.00000	-0.32680
						0.0	23.82000	36.16000	85.00000	-0.32680
						0.47841	23.81167	35.68167	85.00000	-0.32359
						0.95681	23.80333	35.20333	85.00000	-0.31982
						1.4352	23.79500	34.72500	85.00000	-0.31555
						1.9136	23.78667	34.24667	85.00000	-0.31082
						2.3920	23.77833	33.76833	85.00000	-0.30567
						2.8704	23.77000	33.29000	85.00000	-0.30014
44	Existing Tunnel Wall Gardeners Compound			ETWGC.3	0.0	0.0	23.77000	33.29000	85.00000	-0.30014
						0.50747	24.27411	33.34294	85.00000	-0.31857
						1.0149	24.77941	33.39588	85.00000	-0.33692
						1.5224	25.28412	33.44882	85.00000	-0.35479
						2.0299	25.78882	33.50176	85.00000	-0.37163
						2.5374	26.29353	33.55471	85.00000	-0.38667
						3.0448	26.79824	33.60765	85.00000	-0.39884
						3.5523	27.30294	33.66059	85.00000	-0.40661
						4.0598	27.80765	33.71353	85.00000	-0.40772
						4.5673	28.31235	33.76647	85.00000	-0.39876
						5.0747	28.81706	33.81941	85.00000	-0.37418
						5.5822	29.32176	33.87235	85.00000	-0.32427
						6.0897	29.82647	33.92529	85.00000	-0.22952
						6.5972	30.33118	33.97824	85.00000	-0.040912
						7.1046	30.83588	34.03118	85.00000	0.60716
						7.6121	31.34059	34.08412	85.00000	0.78275
						8.1196	31.84529	34.13706	85.00000	0.52973
45	Existing Tunnel Wall Highgate Chapel			ETWHGC.1	0.0	8.6271	32.35000	34.19000	85.00000	-0.49530
						0.0	9.58000	47.66000	85.00000	-0.024382
						0.50436	9.65500	47.16125	85.00000	-0.025514
						1.0087	9.73000	46.66250	85.00000	-0.026657
						1.5131	9.80500	46.16375	85.00000	-0.027810
						2.0174	9.88000	45.66500	85.00000	-0.028968
						2.5218	9.95500	45.16625	85.00000	-0.030128
						3.0261	10.03000	44.66750	85.00000	-0.031288
						3.5305	10.10500	44.16875	85.00000	-0.032443
						4.0349	10.18000	43.67000	85.00000	-0.033589
46	Existing Tunnel Wall Highgate Chapel			ETWHGC.2	0.0	0.0	10.18000	43.67000	85.00000	-0.033589
						0.53865	10.69000	43.84333	85.00000	-0.036449
						1.0773	11.20000	44.01667	85.00000	-0.039507
						1.6160	11.71000	44.19000	85.00000	-0.042771
						2.1546	12.22000	44.36333	85.00000	-0.046255
						2.6933	12.73000	44.53667	85.00000	-0.049968
						3.2319	13.24000	44.71000	85.00000	-0.053923
47	Existing Tunnel Wall Highgate Chapel			ETWHGC.3	0.0	0.0	13.24000	44.71000	85.00000	-0.053923
						0.46578	13.14833	45.16667	85.00000	-0.051872
						0.93155	13.05667	45.62333	85.00000	-0.049837
						1.3973	12.96500	45.08000	85.00000	-0.047822
						1.8631	12.87333	45.53667	85.00000	-0.045832
						2.3289	12.78167	45.99333	85.00000	-0.043872
						2.7947	12.69000	45.45000	85.00000	-0.041944
48	Swain's Ln West Wall			SL.WW.1	0.0	0.0	14.54000	50.95000	85.00000	-0.042783
						0.50410	14.83455	50.54091	85.00000	-0.046415
						1.0082	15.12909	50.1		



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Highgate Cemetery

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Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	[mm]
51	Swain's Ln West Wall			SL.WW.4	0.0	3.9979	23.56000	40.39000	85.00000	-0.31278
						0.0	23.56000	40.39000	85.00000	-0.31278
						0.52804	23.68571	39.87714	85.00000	-0.32133
						1.0561	23.81143	39.36429	85.00000	-0.32916
						1.5841	23.93714	38.85143	85.00000	-0.33621
						2.1122	24.06286	38.33857	85.00000	-0.34242
						2.6402	24.18857	37.82571	85.00000	-0.34773
						3.1682	24.31429	37.31286	85.00000	-0.35211
						3.6963	24.44000	36.80000	85.00000	-0.35551
						0.0	24.44000	36.80000	85.00000	-0.35551
52	Swain's Ln West Wall			SL.WW.5	0.0	0.49934	24.44333	36.30067	85.00000	-0.35299
						0.99869	24.44667	35.80133	85.00000	-0.34975
						1.4980	24.45000	35.30200	85.00000	-0.34585
						1.9974	24.45333	34.80267	85.00000	-0.34134
						2.4967	24.45667	34.30333	85.00000	-0.33627
						2.9961	24.46000	33.80400	85.00000	-0.33071
						3.4954	24.46333	33.30467	85.00000	-0.32473
						3.9948	24.46667	32.80533	85.00000	-0.31838
						4.4941	24.47000	32.30600	85.00000	-0.31171
						4.9934	24.47333	31.80667	85.00000	-0.30477
						5.4928	24.47667	31.30733	85.00000	-0.29760
						5.9921	24.48000	30.80800	85.00000	-0.29024
						6.4915	24.48333	30.30867	85.00000	-0.28269
						6.9908	24.48667	29.80933	85.00000	-0.27499
						7.4902	24.49000	29.31000	85.00000	-0.26713
						7.9895	24.49333	28.81067	85.00000	-0.25912
						8.4889	24.49667	28.31133	85.00000	-0.25098
						8.9882	24.50000	27.81200	85.00000	-0.24271
						9.4875	24.50333	27.31267	85.00000	-0.23433
						9.9869	24.50667	26.81333	85.00000	-0.22585
						10.4866	24.51000	26.31400	85.00000	-0.21731
						10.986	24.51333	25.81467	85.00000	-0.20873
						11.485	24.51667	25.31533	85.00000	-0.20013
						11.984	24.52000	24.81600	85.00000	-0.19155
						12.484	24.52333	24.31667	85.00000	-0.18302
						12.983	24.52667	23.81733	85.00000	-0.17458
						13.482	24.53000	23.31800	85.00000	-0.16625
						13.982	24.53333	22.81867	85.00000	-0.15806
						14.481	24.53667	22.31933	85.00000	-0.15004
						14.980	24.54000	21.82000	85.00000	-0.14221
0.0	24.54000	21.82000	85.00000	-0.14221						
0.49253	24.53458	21.32750	85.00000	-0.13457						
0.98506	24.52917	20.83500	85.00000	-0.12717						
1.4776	24.52375	20.34250	85.00000	-0.12002						
1.9701	24.51833	19.85000	85.00000	-0.11313						
2.4626	24.51292	19.35750	85.00000	-0.10651						
2.9552	24.50750	18.86500	85.00000	-0.10016						
3.4477	24.50208	18.37250	85.00000	-0.09409						
3.9402	24.49667	17.88000	85.00000	-0.08829						
4.4328	24.49125	17.38750	85.00000	-0.08276						
4.9253	24.48583	16.89500	85.00000	-0.07750						
5.4178	24.48042	16.40250	85.00000	-0.07250						
5.9104	24.47500	15.91000	85.00000	-0.06776						
6.4029	24.46958	15.41750	85.00000	-0.06327						
6.8954	24.46417	14.92500	85.00000	-0.05902						
7.3879	24.45875	14.43250	85.00000	-0.05501						
7.8805	24.45333	13.94000	85.00000	-0.05128						
8.3730	24.44792	13.44750	85.00000	-0.04769						
8.8655	24.44250	12.95500	85.00000	-0.04429						
9.3581	24.43708	12.46250	85.00000	-0.04113						
9.8506	24.43167	11.97000	85.00000	-0.03818						
10.343	24.42625	11.47750	85.00000	-0.03536						
10.836	24.42083	10.98500	85.00000	-0.03274						
11.328	24.41542	10.49250	85.00000	-0.03028						
11.821	24.41000	10.00000	85.00000	-0.02797						
54	Swain's Ln West Wall			SL.WW.7	0.0	0.0	24.41000	10.00000	85.00000	-0.02797
						0.49467	23.91568	10.01838	85.00000	-0.02685
						0.98933	23.42135	10.03676	85.00000	-0.02573
						1.4840	22.92703	10.05514	85.00000	-0.02463
						1.9787	22.43270	10.07351	85.00000	-0.02355
						2.4733	21.93888	10.09189	85.00000	-0.02248
						2.9680	21.44405	10.11027	85.00000	-0.02143
						3.4627	20.94973	10.12865	85.00000	-0.02039
						3.9573	20.45541	10.14703	85.00000	-0.01939
						4.4520	19.96108	10.16541	85.00000	-0.01840
						4.9467	19.46676	10.18378	85.00000	-0.01744
						5.4413	18.97243	10.20216	85.00000	-0.01650
						5.9360	18.47811	10.22054	85.00000	-0.01559
						6.4307	17.98378	10.23892	85.00000	-0.01470
						6.9253	17.48946	10.25730	85.00000	-0.01384
						7.4200	16.99514	10.27568	85.00000	-0.01301
						7.9147	16.50081	10.29405	85.00000	-0.01221
						8.4093	16.00649	10.31243	85.00000	-0.01143
						8.9040	15.51216	10.33081	85.00000	-0.01068
						9.3987	15.01784	10.34919	85.00000	-0.00996
						9.8933	14.52351	10.36757	85.00000	-0.00926
						10.388	14.02919	10.38595	85.00000	-0.00860
						10.883	13.53486	10.40432	85.00000	-0.00796
						11.377	13.04054	10.42270	85.00000	-0.00734
						11.872	12.54622	10.44108	85.00000	-0.00675
						12.367	12.05189	10.45946	85.00000	-0.00619
						12.861	11.55757	10.47784	85.00000	-0.00565
13.356	11.06324	10.49622	85.00000	-0.00514						
13.851	10.56892	10.51459	85.00000	-0.00464						
14.345	10.07459	10.53297	85.00000	-0.00418						
14.840	9.58027	10.55135	85.00000	-0.00376						
15.335	9.08595	10.56973	85.00000	-0.00332						
15.829	8.59162	10.58811	85.00000	-0.00290						
16.324	8.09730	10.60649	85.00000	-0.00252						
16.819	7.60297	10.62486	85.00000	-0.00216						
17.313	7.10865	10.64324	85.00000	-0.00182						
17.808	6.61432	10.66162	85.00000	-0.00149						
18.303	6.12000	10.68000	85.00000	-0.00118						
0.0	6.12000	10.68000	85.00000	-0.00118						
0.48434	5.64923	10.56615	85.00000	-847.96E-6						
0.96869	5.17846	10.45231	85.00000	-533.00E-6						
1.4530	4.70769	10.33846	85.00000	-240.23E-6						
1.9374	4.23692	10.22462	85.00000	-31.704E-6						
2.4217	3.76615	10.11077	85.00000	-284.08E-6						
2.9060	3.29538	9.99692	85.00000	-518.09E-6						
3.3904	2.82462	9.88308	85.00000	-734.87E-6						
3.8747	2.35385	9.76923	85.00000	-935.48E-6						
4.3591	1.88308	9.65538	85.00000	-0.0011209						
4.8434	1.41231	9.54154	85.00000	-0.0012922						
5.3277	0.94154	9.42769	85.00000	-0.0014501						
5.8121	0.47077	9.31385	85.00000	-0.0015955						
6.2964	0.00000	9.20000	85.00000	-0.0017292						
0.0	32.74000	72.10000	85.00000	-0.0081927						
0.51826	32.67500	71.58583	85.00000	-0.0092502						
1.0365	32.61000	71.07167	85.00000	-0.010398						
1.5548	32.54500	70.55750	85.00000	-0.011642						
2.0730	32.48000	70.04333	85.00000	-0.012992						
2.5913	32.41500	69.52917	85.00000	-0.014455						
3.1096	32.35000	69.01500	85.00000	-0.016042						
3.6278	32.28500	68.50083	85.00000	-0.017761						
4.1461	32.22000	67.98667	85.00000	-0.019624						
4.6643	32.15500	67.47250	85.00000	-0.021642						
5.1826	32.09000	66.95833	85.00000	-0.023828						
5.7008	32.02500	66.44417	85.00000	-0.026196						
6.2191	31.96000	65.93000	85.00000	-0.028759						

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										Drg. Ref.							
										Made by PES		Date 31-Oct-2024		Checked		Date	



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Highgate Cemetery

A2 - Long-term Unloading and Loading

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Made by PES	Date 31-Oct-2024	Checked Date

0	Base Model 1	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	0.0	1	0.0	4.5940	None	92.544E-6	0.0	107.54E-6	0.0
-20.822E-6	605440.0 (Negligible)	Mausoleum of Lord Dalziel of Wooler	Mau.1.2	0.0	1	0.0	0.0	None	0.0	0	35.763E-9	0.0
-10.768E-6	1.4621E+6 0 (Negligible)	Mausoleum of Lord Dalziel of Wooler	Mau.1.3	0.0	All vertical displacements are less than the limit sensitivity.							
	3	Mausoleum of Lord Dalziel of Wooler	Mau.1.4	0.0	1	0.50135	4.5116	None	102.82E-6	0.0	118.05E-6	0.0
21.878E-6	525310.0 (Negligible)	Small Ticket Kiosk	STK.1.1	0.0	All vertical displacements are less than the limit sensitivity.							
	5	Small Ticket Kiosk	STK.1.2	0.0	1	1.8349	0.91710	None	37.019E-6	0.0	36.514E-6	0.0
20.296E-6	301140.0 (Negligible)	Small Ticket Kiosk	STK.1.3	0.0	1	0.0	4.1030	None	41.991E-6	0.0	52.178E-6	0.0
-4.5654E-6	1.0573E+6 0 (Negligible)	Small Ticket Kiosk	STK.1.4	0.0	1	0.0	0.46038	None	0.0	0	35.763E-9	0.0
-17.663E-6	363030.0 (Negligible)	Mauselum 2	Mau.2.1	0.0	All vertical displacements are less than the limit sensitivity.							
	9	Mauselum 2	Mau.2.2	0.0	All vertical displacements are less than the limit sensitivity.							
	10	Mauselum 2	Mau.2.3	0.0	All vertical displacements are less than the limit sensitivity.							
	11	Mauselum 3	Mau.3.1	0.0	All vertical displacements are less than the limit sensitivity.							
	12	Mauselum 3	Mau.3.2	0.0	All vertical displacements are less than the limit sensitivity.							
	13	Mauselum 3	Mau.3.3	0.0	All vertical displacements are less than the limit sensitivity.							
	14	Highgate Chapel	HGC.1	0.0	All vertical displacements are less than the limit sensitivity.							
	15	Highgate Chapel	HGC.2	0.0	All vertical displacements are less than the limit sensitivity.							
	16	Highgate Chapel	HGC.3	0.0	All vertical displacements are less than the limit sensitivity.							
	17	Highgate Chapel	HGC.4	0.0	All vertical displacements are less than the limit sensitivity.							
	18	Highgate Chapel	HGC.5	0.0	All vertical displacements are less than the limit sensitivity.							
	19	Highgate Chapel	HGC.6	0.0	All vertical displacements are less than the limit sensitivity.							
	20	Highgate Chapel	HGC.7	0.0	All vertical displacements are less than the limit sensitivity.							
	21	Highgate Chapel	HGC.8	0.0	1	0.49428	2.4413	None	5.2604E-6	0.0	7.1168E-6	0.0
9.6665E-6	3.3929E+6 0 (Negligible)			2	2.9356	2.0064	None		4.1177E-6	0.0	5.0426E-6	0.0
9.6665E-6	3.6205E+6 0 (Negligible)	Highgate Chapel	HGC.9	0.0	1	0.0	5.1330	None	168.68E-6	0.0	247.66E-6	0.0
33.749E-6	362770.0 (Negligible)	Highgate Chapel	HGC.10	0.0	1	0.0	0.44923	None	0.0	0	35.763E-9	0.0
-22.260E-6	12.154E+6 0 (Negligible)			2	0.44923	4.4928	None		37.698E-6	0.0	56.827E-6	0.0
-22.278E-6	920200.0 (Negligible)	Highgate Chapel	HGC.11	0.0	1	0.0	4.6204	None	76.505E-6	0.0	114.83E-6	0.0
-19.568E-6	708740.0 (Negligible)	81 Swain's Ln	81.SL.1	0.0	All vertical displacements are less than the limit sensitivity.							
	26	81 Swain's Ln	81.SL.2	0.0	1	3.5606	2.5424	None	77.907E-6	0.0	76.354E-6	0.0
21.796E-6	367710.0 (Negligible)	81 Swain's Ln	81.SL.3	0.0	1	0.0	6.4157	None	33.155E-6	0.0	32.151E-6	0.0
-7.9477E-6	1.2522E+6 0 (Negligible)			2	6.4157	0.12977	None		0.0	0	35.763E-9	0.0
-7.9477E-6	70.847E+6 0 (Negligible)	81 Swain's Ln	81.SL.4	0.0	All vertical displacements are less than the limit sensitivity.							
	29	81 Swain's Ln	81.SL.5	0.0	All vertical displacements are less than the limit sensitivity.							
	30	81 Swain's Ln	81.SL.6	0.0	All vertical displacements are less than the limit sensitivity.							
	31	81 Swain's Ln	81.SL.7	0.0	All vertical displacements are less than the limit sensitivity.							
	32	81 Swain's Ln	81.SL.8	0.0	All vertical displacements are less than the limit sensitivity.							
	33	81 Swain's Ln	79.SL.1	0.0	All vertical displacements are less than the limit sensitivity.							
	34	79 Swain's Ln	79.SL.2	0.0	All vertical displacements are less than the limit sensitivity.							
	35	79 Swain's Ln	79.SL.3	0.0	All vertical displacements are less than the limit sensitivity.							
	36	79 Swain's Ln	79.SL.4	0.0	All vertical displacements are less than the limit sensitivity.							
	37	79 Swain's Ln	79.SL.5	0.0	All vertical displacements are less than the limit sensitivity.							
	38	79 Swain's Ln	184 to 210 Oakeshott Ave	0.0	All vertical displacements are less than the limit sensitivity.							
	39	184 to 210 Oakeshott Ave	184to210.OA.1	0.0	All vertical displacements are less than the limit sensitivity.							
	40	184 to 210 Oakeshott Ave	184to210.OA.2	0.0	All vertical displacements are less than the limit sensitivity.							
	41	184 to 210 Oakeshott Ave	184to210.OA.3	0.0	All vertical displacements are less than the limit sensitivity.							
	42	Existing Tunnel Wall Gardeners Compound	ETWGC.1	0.0	1	0.0	1.7931	None	0.038415	0.0	0.035192	0.0
0.0012964	589.91 0 (Negligible)			2	1.7931	5.9151	None		0.0065881	0.0	0.010008	0.0
0.0012964	1409.6 0 (Negligible)			3	7.7082	0.57577	None		3.5591E-6	0.0	3.5405E-6	0.0
-41.229E-6	1.0896E+6 0 (Negligible)	Existing Tunnel Wall Gardeners Compound	ETWGC.2	0.0	1	0.0	2.8700	None	72.303E-6	0.0	86.224E-6	0.0
-11.551E-6	410040.0 (Negligible)	Existing Tunnel Wall Gardeners Compound	ETWGC.3	0.0	1	0.0	0.050950	None	0.0	0	35.763E-9	0.0
36.321E-6	12.783E+6 0 (Negligible)			2	0.050950	6.7347	None		0.0066267	0.0	0.0099846	0.0
-0.0012771	1498.8 0 (Negligible)			3	6.7857	1.8413	None		0.048529	0.0	0.044254	0.0
0.0020199	300.17 0 (Negligible)	Existing Tunnel Wall Highgate Chapel	ETWHGC.1	0.0	All vertical displacements are less than the limit sensitivity.							
	45	Existing Tunnel Wall Highgate Chapel	ETWHGC.2	0.0	All vertical displacements are less than the limit sensitivity.							
	46	Existing Tunnel Wall Highgate Chapel	ETWHGC.3	0.0	All vertical displacements are less than the limit sensitivity.							
	47	Existing Tunnel Wall Highgate Chapel	SL.WW.1	0.0	1	5.5450	0.0	None	0.0	0	35.763E-9	0.0
13.960E-6	601900.0 (Negligible)	Swain's Ln West Wall	SL.WW.2	0.0	1	0.0	4.4600	None	164.30E-6	0.0	247.73E-6	0.0
28.395E-6	295620.0 (Negligible)	Swain's Ln West Wall	SL.WW.3	0.0	1	0.0	3.9970	None	62.700E-6	0.0	95.236E-6	0.0
29.997E-6	506380.0 (Negligible)	Swain's Ln West Wall	SL.WW.4	0.0	1	0.0	3.6960	None	141.07E-6	0.0	213.83E-6	0.0
16.176E-6	284100.0 (Negligible)	Swain's Ln West Wall	SL.WW.5	0.0	1	0.0	11.179	None	147.94E-6	0.0	141.16E-6	0.0
-17.218E-6	343130.0 (Negligible)			2	11.179	3.8011	None		22.722E-6	0.0	34.511E-6	0.0
-17.218E-6	1.2605E+6 0 (Negligible)	Swain's Ln West Wall	SL.WW.6	0.0	1	0.0	2.9552	None	39.334E-6	0.0	57.328E-6	0.0
-15.510E-6	887160.0 (Negligible)	Swain's Ln West Wall	SL.WW.7	0.0	All vertical displacements are less than the limit sensitivity.							
	54	Swain's Ln West Wall	SL.WW.8	0.0	All vertical displacements are less than the limit sensitivity.							
	55	Swain's Ln East Wall	SL.EW.1	0.0	All vertical displacements are less than the limit sensitivity.							
	56	Swain's Ln East Wall	SL.EW.2	0.0	1	4.9484	5.4426	None	190.40E-6	0.0	274.98E-6	0.0
30.331E-6	323790.0 (Negligible)	Swain's Ln East Wall	SL.EW.3	0.0	1	0.0	4.9819	None	263.23E-6	0.0	389.35E-6	0.0
54.093E-6	211750.0 (Negligible)			2	4.9819	3.3311	None		627.51E-6	0.0	939.60E-6	0.0
54.093E-6	25483.0 (Negligible)	Swain's Ln East Wall	SL.EW.4	0.0	1	0.0	0.44540	None	0.0	0	35.763E-9	0.0
239.54E-6	3406.6 0 (Negligible)			2	0.44540	1.9274	None		0.010808	0.0	0.012942	0.0
304.20E-6	2279.7 0 (Negligible)			3	2.3729	3.2795	None		0.0053936	0.0	0.0080538	0.0
-256.62E-6	6944.3 0 (Negligible)			4	5.6523	1.6869	None		0.0098365	0.0	0.010795	0.0
-335.81E-6	2505.2 0 (Negligible)			5	7.3393	1.8176	None		0.023213	0.0	0.026784	0.0
0.0013583	924.96 0 (Negligible)			6	9.1569	1.6651	None		0.011125	0.0	0.012099	0.0
0.0013583	1477.3 0 (Negligible)	Swain's Ln East Wall	SL.EW.5	0.0	1	0.0	2.9504	None	218.99E-6	0.0	318.97E-6	0.0
-38.268E-6	74514.0 (Negligible)			2	2.9504	8.5698	None		307.04E-6	0.0	354.59E-6	0.0
-38.268E-6	319530.0 (Negligible)											

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

Stage: Name Specific	Specific Building: Name	Sub-building	Vertical	Deflection	Average	Max Slope	Max	Max	Max	Max Gradient of	Max Gradient of	Min Radius Min
Radius Damage Category	Building:	Name	Offset from	Ratio	Horizontal	Settlement	Tensile	Horizontal	Vertical	Displacement	Displacement	Curvature
Ref.	Ref.		Line for	Strain	Strain	Strain	Strain	Displacement	Displacement	Curve	Curve	(Hogging)
of			Vertical									
Curvature												

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery A2 - Long-term Unloading and Loading										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 31-Oct-2024		Checked	Date
(Sagging)															
				Movement Calculations											
				[m]		[%]		[%]		[mm]		[%]		[m]	
				[m]											
0	Base Model	1	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	0.0	92.544E-6	0.0	-20.822E-6	0.18236	107.54E-6	0.0	-20.822E-6	-		
- 0	(Negligible)	2	Mausoleum of Lord Dalziel of Wooler	Mau.1.2	0.0	0.0	0.0	-10.768E-6	0.10202	35.763E-9	0.0	-10.768E-6	-		
- 0	(Negligible)	4	Mausoleum of Lord Dalziel of Wooler	Mau.1.4	0.0	102.82E-6	0.0	21.878E-6	0.18235	118.05E-6	0.0	21.878E-6	-		
- 0	(Negligible)	6	Small Ticket Kiosk	STK.1.2	0.0	37.019E-6	0.0	20.296E-6	0.12238	36.514E-6	0.0	20.296E-6	-		
- 0	(Negligible)	7	Small Ticket Kiosk	STK.1.3	0.0	41.991E-6	0.0	-4.5654E-6	0.12238	52.178E-6	0.0	-4.5654E-6	-		
- 0	(Negligible)	8	Small Ticket Kiosk	STK.1.4	0.0	0.0	0.0	-17.663E-6	0.10933	35.763E-9	0.0	-17.663E-6	-		
- 0	(Negligible)	22	Highgate Chapel	HGC.8	0.0	5.2604E-6	0.0	9.6665E-6	0.14380	7.1168E-6	0.0	9.6665E-6	-		
- 0	(Negligible)	23	Highgate Chapel	HGC.9	0.0	168.68E-6	0.0	33.749E-6	0.28780	247.66E-6	0.0	33.749E-6	-		
- 0	(Negligible)	24	Highgate Chapel	HGC.10	0.0	37.698E-6	0.0	-22.278E-6	0.28783	56.827E-6	0.0	-22.278E-6	-		
- 0	(Negligible)	25	Highgate Chapel	HGC.11	0.0	76.505E-6	0.0	-19.568E-6	0.18210	114.83E-6	0.0	-19.568E-6	-		
- 0	(Negligible)	27	81 Swain's Ln	81.SL.2	0.0	77.907E-6	0.0	21.796E-6	0.15055	76.354E-6	0.0	21.796E-6	-		
- 0	(Negligible)	28	81 Swain's Ln	81.SL.3	0.0	33.155E-6	0.0	-7.9477E-6	0.15057	32.151E-6	0.0	-7.9477E-6	-		
- 0	(Negligible)	42	Existing Tunnel Wall Gardeners Compound	ETWGC.1	0.0	0.038415	0.0	0.0012964	0.58517	0.035192	0.0	0.0012964	-		
- 0	(Negligible)	43	Existing Tunnel Wall Gardeners Compound	ETWGC.2	0.0	72.303E-6	0.0	-11.551E-6	0.32680	86.224E-6	0.0	-11.551E-6	-		
- 0	(Negligible)	44	Existing Tunnel Wall Gardeners Compound	ETWGC.3	0.0	0.048529	0.0	0.0020199	0.77996	0.044254	0.0	0.0020199	-		
- 0	(Negligible)	48	Swain's Ln West Wall	SL.WW.1	0.0	0.0	0.0	13.960E-6	0.10003	35.763E-9	0.0	13.960E-6	-		
- 0	(Negligible)	49	Swain's Ln West Wall	SL.WW.2	0.0	164.30E-6	0.0	28.395E-6	0.19925	247.73E-6	0.0	28.395E-6	-		
- 0	(Negligible)	50	Swain's Ln West Wall	SL.WW.3	0.0	62.700E-6	0.0	29.997E-6	0.31276	95.236E-6	0.0	29.997E-6	-		
- 0	(Negligible)	51	Swain's Ln West Wall	SL.WW.4	0.0	141.07E-6	0.0	16.176E-6	0.35551	213.83E-6	0.0	16.176E-6	-		
- 0	(Negligible)	52	Swain's Ln West Wall	SL.WW.5	0.0	147.94E-6	0.0	-17.218E-6	0.35551	141.16E-6	0.0	-17.218E-6	-		
- 0	(Negligible)	53	Swain's Ln West Wall	SL.WW.6	0.0	39.334E-6	0.0	-15.510E-6	0.14221	57.328E-6	0.0	-15.510E-6	-		
- 0	(Negligible)	57	Swain's Ln East Wall	SL.EW.2	0.0	190.40E-6	0.0	30.331E-6	0.22889	274.98E-6	0.0	30.331E-6	-		
- 0	(Negligible)	58	Swain's Ln East Wall	SL.EW.3	0.0	627.51E-6	0.0	54.093E-6	0.59044	939.60E-6	0.0	54.093E-6	-		
- 0	(Negligible)	59	Swain's Ln East Wall	SL.EW.4	0.0	0.023213	0.0	0.0013583	0.92251	0.026784	0.0	0.0013583	-		
- 0	(Negligible)	60	Swain's Ln East Wall	SL.EW.5	0.0	307.04E-6	0.0	-38.268E-6	0.44194	354.59E-6	0.0	-38.268E-6	-		
- 0	(Negligible)														
Specific Building Damage Results - Critical Segments within Each Building															
Stage: Stage: Name Specific		Specific Building: Name		Parameter		Critical		Critical		Start		End		Curvature Max Slope	
Damage Category														Max	
Ref. of		Building: Ref.				Sub-Building Segment						Settlement		Tensile Strain	
Curvature														Radius of Curvature	
(Sagging)														(Hogging)	
0	Base Model	0	Mausoleum of Lord Dalziel of Wooler	Max Slope	Mau.1.4	1	0.50135	5.0130	None	21.878E-6	0.18235	118.05E-6	-		
- 0	(Negligible)			Max Settlement	Mau.1.1	1	0.0	4.5940	None	20.822E-6	0.18236	107.54E-6	-		
- 0	(Negligible)			Max Tensile Strain	Mau.1.4	1	0.50135	5.0130	None	21.878E-6	0.18235	118.05E-6	-		
- 0	(Negligible)			Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)			Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)	0	Small Ticket Kiosk	Max Slope	STK.1.2	1	1.8349	2.7520	None	20.296E-6	0.12238	36.514E-6	-		
- 0	(Negligible)			Max Settlement	STK.1.3	1	0.0	4.1030	None	4.5654E-6	0.12238	52.178E-6	-		
- 0	(Negligible)			Max Tensile Strain	STK.1.3	1	0.0	4.1030	None	4.5654E-6	0.12238	52.178E-6	-		
- 0	(Negligible)			Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)			Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)	0	Mauoselum 2	All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)	0	Mauoselum 3	All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)	0	Highgate Chapel	Max Slope	HGC.9	1	0.0	5.1330	None	33.749E-6	0.28780	247.66E-6	-		
- 0	(Negligible)			Max Settlement	HGC.10	1	0.0	0.44923	None	22.260E-6	0.28783	35.763E-9	-		
- 0	(Negligible)			Max Tensile Strain	HGC.9	1	0.0	5.1330	None	33.749E-6	0.28780	247.66E-6	-		
- 0	(Negligible)			Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)			Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)	0	81 Swain's Ln	Max Slope	81.SL.2	1	3.5606	6.1030	None	21.796E-6	0.15055	76.354E-6	-		
- 0	(Negligible)			Max Settlement	81.SL.3	1	0.0	6.4157	None	7.9477E-6	0.15057	32.151E-6	-		
- 0	(Negligible)			Max Tensile Strain	81.SL.2	1	3.5606	6.1030	None	21.796E-6	0.15055	76.354E-6	-		
- 0	(Negligible)			Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)			Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)	0	79 Swain's Ln	All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)	0	184 to 210 Oakeshott Ave	All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											



A-SQUARED STUDIO
ENGINEERS LTD

Highgate Cemetery
A2 - Long-term Unloading and Loading

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 31-Oct-2024	Checked Date

Stage: Stage: Name Specific	Specific Building: Name	Parameter	Critical	Critical	Start	End	Curvature	Max Slope	Max	Max	Min	Min
Damage Category	Building:											
Ref.												
of												
	0	Existing Tunnel Wall Gardeners Compound	All vertical displacements are less than the limit sensitivity.									
			All vertical displacements are less than the limit sensitivity.									
- 0 (Negligible)		Max Slope	ETWGC.3	3	6.7857	8.6270	None	0.0020199	0.77996	0.044254	-	
- 0 (Negligible)		Max Settlement	ETWGC.3	3	6.7857	8.6270	None	0.0020199	0.77996	0.044254	-	
- 0 (Negligible)		Max Tensile Strain	ETWGC.3	3	6.7857	8.6270	None	0.0020199	0.77996	0.044254	-	
- -		Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
- -		Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
	0	Existing Tunnel Wall Highgate Chapel	All vertical displacements are less than the limit sensitivity.									
			All vertical displacements are less than the limit sensitivity.									
			All vertical displacements are less than the limit sensitivity.									
			All vertical displacements are less than the limit sensitivity.									
- 0 (Negligible)	0	Swain's Ln West Wall	Max Slope	SL.WW.3	1	0.0	3.9970	None	29.997E-6	0.31276	95.236E-6	-
- 0 (Negligible)		Max Settlement	SL.WW.5	1	0.0	11.179	None	17.218E-6	0.35551	141.16E-6	-	
- 0 (Negligible)		Max Tensile Strain	SL.WW.2	1	0.0	4.4600	None	28.395E-6	0.19925	247.73E-6	-	
- -		Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
- -		Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
- 0 (Negligible)	0	Swain's Ln East Wall	Max Slope	SL.EW.4	5	7.3393	9.1569	None	0.0013583	0.92251	0.026784	-
- 0 (Negligible)		Max Settlement	SL.EW.4	5	7.3393	9.1569	None	0.0013583	0.92251	0.026784	-	
- 0 (Negligible)		Max Tensile Strain	SL.EW.4	5	7.3393	9.1569	None	0.0013583	0.92251	0.026784	-	
- -		Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
- -		Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-

Titles

Job No.:3500

Job Title:Highgate Cemetery

Sub-title:B1

Calculation Heading:

Initials:PES

Checker:

Date Saved:01-Nov-2024

Date Checked:

Notes:

File Name:3500_B1.xdd

File Path:C:\Users\matri\A-squared Dropbox\A2 matrix\A2-projects-3001-4000\3500 - Highgate Cemetery\03 - Calculations\3500_Xdisp\New folder

History

Date	Time	By	Notes
29-Oct-2024	16:37	matri	New
29-Oct-2024	17:04	matri	
29-Oct-2024	17:11	matri	
30-Oct-2024	09:48	matri	
30-Oct-2024	10:53	matri	
30-Oct-2024	10:58	matri	
30-Oct-2024	11:06	matri	
31-Oct-2024	14:17	matri	
31-Oct-2024	14:38	matri	
31-Oct-2024	14:52	matri	
31-Oct-2024	14:55	matri	
31-Oct-2024	16:53	matri	
01-Nov-2024	12:47	matri	
01-Nov-2024	13:29	matri	
01-Nov-2024	16:05	matri	
05-Nov-2024	17:56	matri	Open

Displacement Lines

Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface type for tunnels	Interpolate imported displacements	Calculate
		[m]	[m]	[m]	[m]	[m]	[m]	[No.]			
1	Mau.1.1	54.90000	46.85000	85.00000	59.38000	45.83000	85.00000	9	Surface	Yes	Yes
2	Mau.1.2	59.38000	45.83000	85.00000	60.56000	50.61000	85.00000	10	Surface	Yes	Yes
3	Mau.1.3	60.56000	50.61000	85.00000	56.17000	51.70000	85.00000	9	Surface	Yes	Yes
4	Mau.1.4	56.17000	51.70000	85.00000	54.90000	46.85000	85.00000	10	Surface	Yes	Yes
5	STK.1.1	35.76000	61.70000	85.00000	39.83000	61.17000	85.00000	8	Surface	Yes	Yes
6	STK.1.2	39.83000	61.17000	85.00000	39.48000	58.44000	85.00000	6	Surface	Yes	Yes
7	STK.1.3	39.48000	58.44000	85.00000	35.41000	58.96000	85.00000	8	Surface	Yes	Yes
8	STK.1.4	35.41000	58.96000	85.00000	35.76000	61.70000	85.00000	6	Surface	Yes	Yes
9	Mau.2.1	50.12000	72.10000	85.00000	49.58000	68.34000	85.00000	8	Surface	Yes	Yes
10	Mau.2.2	49.58000	68.34000	85.00000	45.96000	68.66000	85.00000	7	Surface	Yes	Yes
11	Mau.2.3	45.96000	68.66000	85.00000	46.41000	72.10000	85.00000	7	Surface	Yes	Yes
12	Mau.3.1	39.34000	72.10000	85.00000	38.88000	69.55000	85.00000	5	Surface	Yes	Yes
13	Mau.3.2	38.88000	69.55000	85.00000	36.56000	69.97000	85.00000	5	Surface	Yes	Yes
14	Mau.3.3	36.56000	69.97000	85.00000	36.88000	72.10000	85.00000	4	Surface	Yes	Yes
15	HGC.1	15.73000	72.10000	85.00000	14.08000	47.36000	85.00000	50	Surface	Yes	Yes
16	HGC.2	14.08000	47.36000	85.00000	7.51000	47.80000	85.00000	13	Surface	Yes	Yes
17	HGC.3	7.51000	47.80000	85.00000	9.90000	72.10000	85.00000	49	Surface	Yes	Yes
18	HGC.4	7.12000	43.02000	85.00000	9.76000	44.31000	85.00000	6	Surface	Yes	Yes
19	HGC.5	9.76000	44.31000	85.00000	11.79000	40.18000	85.00000	9	Surface	Yes	Yes
20	HGC.6	11.79000	40.18000	85.00000	9.00000	38.81000	85.00000	8	Surface	Yes	Yes
21	HGC.7	9.00000	38.81000	85.00000	7.12000	43.02000	85.00000	9	Surface	Yes	Yes
22	HGC.8	15.93000	41.05000	85.00000	19.40000	44.57000	85.00000	10	Surface	Yes	Yes
23	HGC.9	19.40000	44.57000	85.00000	23.06000	40.97000	85.00000	10	Surface	Yes	Yes
24	HGC.10	23.06000	40.97000	85.00000	19.59000	37.45000	85.00000	10	Surface	Yes	Yes
25	HGC.11	19.59000	37.45000	85.00000	15.93000	41.05000	85.00000	10	Surface	Yes	Yes
26	81.SL.1	12.32000	22.91000	85.00000	12.70000	33.28000	85.00000	21	Surface	Yes	Yes
27	81.SL.2	12.70000	33.28000	85.00000	18.80000	33.06000	85.00000	12	Surface	Yes	Yes
28	81.SL.3	18.80000	33.06000	85.00000	18.53000	22.49000	85.00000	21	Surface	Yes	Yes
29	81.SL.4	18.53000	22.49000	85.00000	12.32000	22.91000	85.00000	12	Surface	Yes	Yes
30	81.SL.5	2.89000	26.53000	85.00000	11.61000	26.22000	85.00000	17	Surface	Yes	Yes
31	81.SL.6	11.61000	26.22000	85.00000	11.43000	21.42000	85.00000	10	Surface	Yes	Yes
32	81.SL.7	11.43000	21.42000	85.00000	2.86000	21.60000	85.00000	17	Surface	Yes	Yes
33	81.SL.8	2.86000	21.60000	85.00000	2.99000	26.53000	85.00000	10	Surface	Yes	Yes
34	79.SL.1	0.00000	21.17000	85.00000	18.36000	20.59000	85.00000	37	Surface	Yes	Yes
35	79.SL.2	18.36000	20.59000	85.00000	17.81000	11.60000	85.00000	19	Surface	Yes	Yes
36	79.SL.3	17.81000	11.60000	85.00000	6.48000	12.29000	85.00000	23	Surface	Yes	Yes
37	79.SL.4	6.48000	12.29000	85.00000	6.49000	16.69000	85.00000	9	Surface	Yes	Yes
38	79.SL.5	6.49000	16.69000	85.00000	0.00000	16.93000	85.00000	13	Surface	Yes	Yes
39	184to210.OA.1	9.09000	0.00000	85.00000	8.76000	1.12000	85.00000	2	Surface	Yes	Yes
40	184to210.OA.2	8.76000	1.12000	85.00000	17.35000	3.65000	85.00000	18	Surface	Yes	Yes
41	184to210.OA.3	17.35000	3.65000	85.00000	18.48000	0.00000	85.00000	8	Surface	Yes	Yes
42	ETWGC.1	32.07000	36.91000	85.00000	23.82000	36.16000	85.00000	17	Surface	Yes	Yes
43	ETWGC.2	23.82000	36.16000	85.00000	23.77000	33.29000	85.00000	6	Surface	Yes	Yes
44	ETWGC.3	23.77000	33.29000	85.00000	12.35000	34.19000	85.00000	17	Surface	Yes	Yes
45	ETWHGC.1	5.58000	47.66000	85.00000	10.18000	43.67000	85.00000	8	Surface	Yes	Yes
46	ETWHGC.2	10.18000	43.67000	85.00000	13.24000	44.71000	85.00000	6	Surface	Yes	Yes
47	ETWHGC.3	13.24000	44.71000	85.00000	12.69000	47.45000	85.00000	6	Surface	Yes	Yes
48	SL.WW.1	14.54000	50.95000	85.00000	17.78000	46.45000	85.00000	11	Surface	Yes	Yes
49	SL.WW.2	17.78000	46.45000	85.00000	21.26000	43.66000	85.00000	9	Surface	Yes	Yes
50	SL.WW.3	21.26000	43.66000	85.00000	23.56000	40.39000	85.00000	8	Surface	Yes	Yes
51	SL.WW.4	23.56000	40.39000	85.00000	24.44000	36.80000	85.00000	7	Surface	Yes	Yes
52	SL.WW.5	24.44000	36.80000	85.00000	24.54000	21.82000	85.00000	30	Surface	Yes	Yes
53	SL.WW.6	24.54000	21.82000	85.00000	24.41000	10.00000	85.00000	24	Surface	Yes	Yes
54	SL.WW.7	24.41000	10.00000	85.00000	6.12000	10.68000	85.00000	37	Surface	Yes	Yes
55	SL.WW.8	6.12000	10.68000	85.00000	0.00000	9.20000	85.00000	13	Surface	Yes	Yes
56	SL.1	28.33000	72.10000	85.00000	26.23000	52.27000	85.00000	40	Surface	Yes	Yes
57	SL.2	26.23000	52.27000	85.00000	30.59000	0.00000	85.00000	105	Surface	Yes	Yes
58	SL.EW.1	32.74000	72.10000	85.00000	31.96000	65.93000	85.00000	12	Surface	Yes	Yes
59	SL.EW.2	31.96000	65.93000	85.00000	30.32000	52.89000	85.00000	21	Surface	Yes	Yes
60	SL.EW.3	30.32000	52.89000	85.00000	30.95000	44.60000	85.00000	17	Surface	Yes	Yes
61	SL.EW.4	31.22000	39.59000	85.00000	32.38000	28.83000	85.00000	22	Surface	Yes	Yes
62	SL.EW.5	32.65000	25.93000	85.00000	35.10000	0.00000	85.00000	52	Surface	Yes	Yes
63	EC.Rd.1	33.93000	64.68000	85.00000	61.19000	60.52000	85.00000	55	Surface	Yes	Yes
64	EC.Rd.2	61.19000	60.52000	85.00000	75.43000	56.35000	85.00000	30	Surface	Yes	Yes

Displacement Grids

Ref.	Name	Extrusion: Direction	Base line start:	Base line start:	Base line start:	Base line end:	Base line end:	Base line end:	Base line end:	Base line Intervals	Extrusion: Distance	Extrusion: Intervals	Surface type for tunnels	Calculate
			X [m]	Y [m]	Z (level) [m]	X [m]	Y [m]	Z (level) [m]			[m]	[No.]		
1	Grid 1	Global X	0.00000	0.00000	85.00000	-	72.10000	85.00000		100	75.43000	100	Surface	Yes



Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
					[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-3x ⁴ + 2.8495E-2x ³ - 1.0051E-1x ² + 1.0569E-1x + 3.8990E-2					
Coeff. of Determination:	9.9991E-1					

Curve Name: Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(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][0.050,0.000,0.038][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]
[0.600,0.000,0.019][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][0.900,0.000,0.011][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: $z = -4.2486E-3x^3 + 1.9096E-2x^2 - 4.6221E-2x + 4.0729E-2$

Coeff. of Determination: 1.0000

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Curve Name:          Exo. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(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 Determination: 1.00

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

Ref.	Building Name	Sub-Building Name	Displacement Line	Distance Along Line: Start	Distance Along Line: End	Vertical Offsets from Line for Vertical Movement Calculations	Vertical Displacement Limit Sensitivity	Damage Category Strains	Poisson's Ratio	E/G
				[m]	[m]	[m]	[mm]			
1	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	Mau.1.1	0.00000	4.59400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
2	Mausoleum of Lord Dalziel of Wooler	Mau.1.2	Mau.1.2	0.00000	4.92300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
3	Mausoleum of Lord Dalziel of Wooler	Mau.1.3	Mau.1.3	0.00000	4.52300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
4	Mausoleum of Lord Dalziel of Wooler	Mau.1.4	Mau.1.4	0.00000	5.01300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
5	Small Ticket Kiosk	STK.1.1	STK.1.1	0.00000	4.10400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
6	Small Ticket Kiosk	STK.1.2	STK.1.2	0.00000	2.75200	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
7	Small Ticket Kiosk	STK.1.3	STK.1.3	0.00000	4.10300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
8	Small Ticket Kiosk	STK.1.4	STK.1.4	0.00000	2.76200	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
9	Mauselum 2	Mau.2.1	Mau.2.1	0.00000	3.79800	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
10	Mauselum 2	Mau.2.2	Mau.2.2	0.00000	3.63400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
11	Mauselum 2	Mau.2.3	Mau.2.3	0.00000	3.46900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
12	Mauselum 3	Mau.3.1	Mau.3.1	0.00000	2.59100	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
13	Mauselum 3	Mau.3.2	Mau.3.2	0.00000	2.35700	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
14	Mauselum 3	Mau.3.3	Mau.3.3	0.00000	2.15300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
15	Highgate Chapel	HGC.1	HGC.1	0.00000	24.79400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
16	Highgate Chapel	HGC.2	HGC.2	0.00000	6.58400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
17	Highgate Chapel	HGC.3	HGC.3	0.00000	24.41300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
18	Highgate Chapel	HGC.4	HGC.4	0.00000	2.93800	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
19	Highgate Chapel	HGC.5	HGC.5	0.00000	4.61000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
20	Highgate Chapel	HGC.6	HGC.6	0.00000	3.10800	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
21	Highgate Chapel	HGC.7	HGC.7	0.00000	4.61000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
22	Highgate Chapel	HGC.8	HGC.8	0.00000	4.94200	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
23	Highgate Chapel	HGC.9	HGC.9	0.00000	5.13300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
24	Highgate Chapel	HGC.10	HGC.10	0.00000	4.94200	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
25	Highgate Chapel	HGC.11	HGC.11	0.00000	5.13300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
26	81 Swain's Ln	81.SL.1	81.SL.1	0.00000	10.37600	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
27	81 Swain's Ln	81.SL.2	81.SL.2	0.00000	6.10300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
28	81 Swain's Ln	81.SL.3	81.SL.3	0.00000	10.57300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
29	81 Swain's Ln	81.SL.4	81.SL.4	0.00000	6.22400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
30	81 Swain's Ln	81.SL.5	81.SL.5	0.00000	8.62500	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
31	81 Swain's Ln	81.SL.6	81.SL.6	0.00000	4.90300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
32	81 Swain's Ln	81.SL.7	81.SL.7	0.00000	8.57100	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
33	81 Swain's Ln	81.SL.8	81.SL.8	0.00000	4.93100	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
34	79 Swain's Ln	79.SL								

Ref.	Building Name	Sub-Building	Height	Default	Hogging:	Hogging:	Hogging:	Sagging:	Sagging:	Sagging:

		Name				2nd Mom. of Area (per unit width)	Dist. of Bending Strain from N.A.	Dist. of N.A. from Edge of Beam in Tension	2nd Mom. of Area (per unit width)	Dist. of Bending Strain from N.A.	Dist. of N.A. from Edge of Beam in Tension
			[m]			[m²]	[m]	[m]	[m²]	[m]	[m]
1	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000	
2	Mausoleum of Lord Dalziel of Wooler	Mau.1.2	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000	
3	Mausoleum of Lord Dalziel of Wooler	Mau.1.3	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000	
4	Mausoleum of Lord Dalziel of Wooler	Mau.1.4	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000	
5	Small Ticket Kiosk	STR.1.1	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000	
6	Small Ticket Kiosk	STR.1.2	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000	
7	Small Ticket Kiosk	STR.1.3	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000	
8	Small Ticket Kiosk	STR.1.4	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000	
9	Mauselum 2	Mau.2.1	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000	
10	Mauselum 2	Mau.2.2	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000	
11	Mauselum 2	Mau.2.3	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000	
12	Mauselum 3	Mau.3.1	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000	
13	Mauselum 3	Mau.3.2	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000	
14	Mauselum 3	Mau.3.3	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000	
15	Highgate Chapel	HGC.1.5	13.0000	Yes	732.33	13.0000	13.0000	183.08	6.5000	6.5000	
16	Highgate Chapel	HGC.2	13.0000	Yes	732.33	13.0000	13.0000	183.08	6.5000	6.5000	
17	Highgate Chapel	HGC.3	13.0000	Yes	732.33	13.0000	13.0000	183.08	6.5000	6.5000	
18	Highgate Chapel	HGC.4	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
19	Highgate Chapel	HGC.5	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
20	Highgate Chapel	HGC.6	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
21	Highgate Chapel	HGC.7	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
22	Highgate Chapel	HGC.8	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
23	Highgate Chapel	HGC.9	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
24	Highgate Chapel	HGC.10	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
25	Highgate Chapel	HGC.11	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
26	81 Swain's Ln	81.SL.1	9.0000	Yes	243.00	9.0000	9.0000	60.750	4.5000	4.5000	
27	81 Swain's Ln	81.SL.2	9.0000	Yes	243.00	9.0000	9.0000	60.750	4.5000	4.5000	
28	81 Swain's Ln	81.SL.3	9.0000	Yes	243.00	9.0000	9.0000	60.750	4.5000	4.5000	
29	81 Swain's Ln	81.SL.4	9.0000	Yes	243.00	9.0000	9.0000	60.750	4.5000	4.5000	
30	81 Swain's Ln	81.SL.5	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000	
31	81 Swain's Ln	81.SL.6	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000	
32	81 Swain's Ln	81.SL.7	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000	
33	81 Swain's Ln	81.SL.8	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000	
34	79 Swain's Ln	79.SL.1	10.0000	Yes	333.33	10.0000	10.0000	83.333	5.0000	5.0000	
35	79 Swain's Ln	79.SL.2	10.0000	Yes	333.33	10.0000	10.0000	83.333	5.0000	5.0000	
36	79 Swain's Ln	79.SL.3	10.0000	Yes	333.33	10.0000	10.0000	83.333	5.0000	5.0000	
37	79 Swain's Ln	79.SL.4	10.0000	Yes	333.33	10.0000	10.0000	83.333	5.0000	5.0000	
38	79 Swain's Ln	79.SL.5	10.0000	Yes	333.33	10.0000	10.0000	83.333	5.0000	5.0000	
39	184 to 210 Oakeshott Ave	184to210.OA.1	15.0000	Yes	1125.0	15.0000	15.0000	281.25	7.5000	7.5000	
40	184 to 210 Oakeshott Ave	184to210.OA.2	15.0000	Yes	1125.0	15.0000	15.0000	281.25	7.5000	7.5000	
41	184 to 210 Oakeshott Ave	184to210.OA.3	15.0000	Yes	1125.0	15.0000	15.0000	281.25	7.5000	7.5000	
42	Existing Tunnel Wall Gardeners Compound	ETWGC.1	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000	
43	Existing Tunnel Wall Gardeners Compound	ETWGC.2	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000	
44	Existing Tunnel Wall Gardeners Compound	ETWGC.3	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000	
45	Existing Tunnel Wall Highgate Chapel	ETWHGC.1	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000	
46	Existing Tunnel Wall Highgate Chapel	ETWHGC.2	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000	
47	Existing Tunnel Wall Highgate Chapel	ETWHGC.3	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000	
48	Swain's Ln West Wall	SL.WW.1	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
49	Swain's Ln West Wall	SL.WW.2	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
50	Swain's Ln West Wall	SL.WW.3	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
51	Swain's Ln West Wall	SL.WW.4	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
52	Swain's Ln West Wall	SL.WW.5	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
53	Swain's Ln West Wall	SL.WW.6	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
54	Swain's Ln West Wall	SL.WW.7	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
55	Swain's Ln East Wall	SL.WW.8	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
56	Swain's Ln East Wall	SL.EW.1	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
57	Swain's Ln East Wall	SL.EW.2	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
58	Swain's Ln East Wall	SL.EW.3	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
59	Swain's Ln East Wall	SL.EW.4	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	
60	Swain's Ln East Wall	SL.EW.5	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000	

Warnings

1 Multiple excavations have been specified. Displacements resulting from each excavation are summed with no account taken of the interactions between excavations (e.g. overlapping zones of influence or 'shielding' of one excavation by another).

Errors

None

Displacement Results - Displacement Lines														
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δa//	δHperp.	Angle	
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	
0	Base Model 1	Mau.1.1		0.0	54.90000	46.85000	85.00000	-1.8193	-1.3138	2.4758	-1.4822	-1.6849	347.17	
				0.51052	55.39778	46.73667	85.00000	-1.7183	-1.1628	2.3578	-1.4173	-1.5153	347.17	
				1.0210	55.89556	46.62333	85.00000	-1.6100	-1.0218	2.2428	-1.3430	-1.3537	347.17	
				1.5315	56.39333	46.51000	85.00000	-1.4949	-0.89029	2.1311	-1.2598	-1.1999	347.17	
				2.0421	56.89111	46.39667	85.00000	-1.3755	-0.76940	2.0234	-1.1704	-1.0556	347.17	
				2.5526	57.38889	46.28333	85.00000	-1.2585	-0.66193	1.9206	-1.0802	-0.92480	347.17	
				3.0631	57.88667	46.17000	85.00000	-1.1331	-0.56124	1.8203	-0.98024	-0.79878	347.17	
				3.5736	58.38444	46.05667	85.00000	-0.99974	-0.46697	1.7223	-0.87113	-0.67725	347.17	
				4.0841	58.88222	45.94333	85.00000	-0.85887	-0.37878	1.6262	-0.75335	-0.55999	347.17	
				4.5946	59.38000	45.83000	85.00000	-0.71090	-0.29632	1.5314	-0.62738	-0.44674	347.17	
				5.1051	59.87778	45.71667	85.00000	-0.56296	-0.23632	1.4391	-0.50839	-0.33218	347.17	
2	Mau.1.2		0.0	59.38000	45.83000	85.00000	-0.71090	-0.29632	1.5314	-0.45806	0.61916	76.133		
			0.49235	59.49800	46.30800	85.00000	-0.58133	-0.25958	1.4615	-0.39134	0.50218	76.133		
			0.98470	59.61600	46.78600	85.00000	-0.45306	-0.21576	1.3901	-0.31804	0.41133	76.133		
			1.4770	59.73400	47.26400	85.00000	-0.32614	-0.16501	1.3167	-0.23837	0.27709	76.133		
			1.9694	59.85200	47.74200	85.00000	-0.19942	-0.10683	1.2407	-0.15152	0.16801	76.133		
			2.4617	59.97000	48.22000	85.00000	-0.12227	-0.069254	1.1614	-0.096539	0.10210	76.133		
			2.9541	60.08800	48.69800	85.00000	-0.047002	-0.028051	1.0778	-0.038498	0.038909	76.133		
			3.4464	60.20600	49.17600	85.00000	0.0	0.0	0.99353	0.0	0.0	76.133		
			3.9388	60.32400	49.65400	85.00000	0.0	0.0	0.92262	0.0	0.0	76.133		
			4.4311	60.44200	50.13200	85.00000	0.0	0.0	0.85053	0.0	0.0	76.133		
			4.9235	60.56000	50.61000	85.00000	0.0	0.0	0.77733	0.0	0.0	76.133		
3	Mau.1.3		0.0	60.56000	50.61000	85.00000	0.0	0.0	0.77733	0.0	0.0	76.133		
			0.50259	60.07222	50.73111	85.00000	0.0	0.0	0.84312	0.0	0.0	166.06		
			1.0052	59.58444	50.85222	85.00000	0.0	0.0	0.90742	0.0	0.0	166.06		
			1.5078	59.09667	50.97333	85.00000	0.0	0.0	0.97017	0.0	0.0	166.06		
			2.0104	58.60889	51.09444	85.00000	-0.011569	-0.0098466	1.0378	0.0088549	0.012344	166.06		
			2.5129	58.12111	51.21556	85.00000	-0.063392	-0.071848	1.1130	0.054313	0.063993	166.06		
			3.0155	57.63333	51.33667	85.00000	-0.12920	-0.12040	1.1835	0.096379	0.14799	166.06		
			3.5181	57.14556	51.45778	85.00000	-0.18787	-0.18315	1.2499	0.13820	0.22303	166.06		
			4.0207	56.65778	51.57889	85.00000	-0.27079	-0.27572	1.3129	0.19637	0.33285	166.06		
			4.5233	56.17000	51.70000	85.00000	-0.34825	-0.37098	1.3729	0.24859	0.44397	166.06		
			5.0259	55.68222	51.82000	85.00000	-0.34825	-0.37098	1.3729	0.44710	-0.24292	255.33		
4	Mau.1.4		0.0	56.17000	51.70000	85.00000	-0.34825	-0.37098	1.3729	0.44710	-0.24292	255.33		
			0.50135	56.04300	51.21500	85.00000	-0.48733	-0.50460	1.4724	0.61159	-0.34362	255.33		
			1.0027	55.91600	50.73000	85.00000	-0.62780	-0.63091	1.5718	0.76936	-0.44750	255.33		
			1.5041	55.78900	50.24500	85.00000	-0.76799	-0.74947	1.6726	0.92002	-0.55483	255.33		
			2.0054	55.66200	49.76000	85.00000	-0.85979	-0.81347	1.7758	1.0631	-0.65688	255.33		
			2.5068	55.53500	49.27500	85.00000	-1.0590	-0.96132	1.8823	1.1982	-0.78093	255.33		
			3.0081	55.40800	48.79000	85.00000	-1.2065	-1.0535	1.9927	1.3247	-0.90030	255.33		

Oasys													Job No.	Sheet No.	Rev.	
A-SQUARED STUDIO													3500			
ENGINEERS LTD																
Highgate Cemetery																
B1													Drg. Ref.			
													Made by PES	Date 01-Nov-2024	Checked	Date
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δH//	δHperp.	Angle			
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]			
				3.5095	55.28100	48.30500	85.00000	-1.3562	-1.1355	2.1072	1.4420	-1.0243	255.33			
				4.0108	55.15400	47.82000	85.00000	-1.5081	-1.2068	2.2261	1.5495	-1.1532	255.33			
				4.5122	55.02700	47.33500	85.00000	-1.6624	-1.2665	2.3491	1.6464	-1.2874	255.33			
				5.0135	54.90000	46.85000	85.00000	-1.8193	-1.3138	2.4758	1.7318	-1.4271	255.33			
	5	STK.1.1		0.0	35.76000	61.70000	85.00000	0.0	0.0	0.78902	0.0	0.0	352.58			
				0.51305	36.26875	61.63375	85.00000	0.0	0.0	0.79988	0.0	0.0	352.58			
				1.0261	36.77750	61.56750	85.00000	0.0	0.0	0.81074	0.0	0.0	352.58			
				1.5391	37.28625	61.50125	85.00000	0.0	0.0	0.82160	0.0	0.0	352.58			
				2.0522	37.79500	61.43500	85.00000	0.0	0.0	0.83246	0.0	0.0	352.58			
				2.5652	38.30375	61.36875	85.00000	0.0	0.0	0.84333	0.0	0.0	352.58			
				3.0783	38.81250	61.30250	85.00000	0.0	0.0	0.85419	0.0	0.0	352.58			
				3.5913	39.32125	61.23625	85.00000	0.0	0.0	0.86505	0.0	0.0	352.58			
				4.1044	39.83000	61.17000	85.00000	0.0	0.0	0.87591	0.0	0.0	352.58			
	6	STK.1.2		0.0	39.83000	61.17000	85.00000	0.0	0.0	0.87591	0.0	0.0	262.69			
				0.45872	39.77167	60.71500	85.00000	0.0	0.0	0.96716	0.0	0.0	262.69			
				0.91745	39.71333	60.26000	85.00000	-0.0015653	-0.066753	1.0753	0.066411	0.0069361	262.69			
				1.3762	39.65500	59.80500	85.00000	-0.0052938	-0.22577	1.1919	0.22461	0.023458	262.69			
				1.8349	39.59667	59.35000	85.00000	-0.0099473	-0.42422	1.3027	0.42204	0.044079	262.69			
				2.2936	39.53833	58.89500	85.00000	-0.015588	-0.66480	1.4105	0.66139	0.069077	262.69			
				2.7523	39.48000	58.44000	85.00000	-0.021249	-0.90620	1.5179	0.90155	0.094160	262.69			
	7	STK.1.3		0.0	39.48000	58.44000	85.00000	-0.021249	-0.90620	1.5179	-0.093769	0.90159	172.72			
				0.51289	38.97125	58.50500	85.00000	-0.020907	-0.89162	1.5071	-0.092260	0.88708	172.72			
				1.0258	38.46250	58.57000	85.00000	-0.020548	-0.87632	1.4964	-0.090677	0.87186	172.72			
				1.5387	37.95375	58.63500	85.00000	-0.020173	-0.86030	1.4855	-0.089020	0.85592	172.72			
				2.0515	37.44500	58.70000	85.00000	-0.019481	-0.83081	1.4729	-0.085968	0.82658	172.72			
				2.5644	36.93625	58.76500	85.00000	-0.018304	-0.78062	1.4574	-0.080774	0.77664	172.72			
				3.0773	36.42750	58.83000	85.00000	-0.017157	-0.73171	1.4420	-0.075714	0.72799	172.72			
				3.5902	35.91875	58.89500	85.00000	-0.016041	-0.68410	1.4268	-0.070787	0.68061	172.72			
	8	STK.1.4		0.0	35.41000	58.96000	85.00000	-0.014954	-0.63776	1.4117	-0.065992	0.63452	172.72			
				0.0	35.41000	58.96000	85.00000	-0.014954	-0.63776	1.4117	-0.065992	0.63452	172.72			
				0.46038	35.46833	59.41667	85.00000	-0.0096340	-0.41086	1.3052	-0.40877	-0.042503	82.721			
				0.92075	35.52667	59.87333	85.00000	-0.0051462	-0.21947	1.1959	-0.21835	-0.022704	82.721			
				1.3811	35.58500	60.33000	85.00000	-0.0016698	-0.071213	1.0811	-0.070851	-0.0073669	82.721			
				1.8415	35.64333	60.78667	85.00000	0.0	0.0	0.97218	0.0	0.0	82.721			
				2.3019	35.70167	61.24333	85.00000	0.0	0.0	0.88060	0.0	0.0	82.721			
				2.7623	35.76000	61.70000	85.00000	0.0	0.0	0.78902	0.0	0.0	82.721			
	9	Mau.2.1		0.0	50.12000	72.10000	85.00000	0.0	0.0	0.0	0.0	0.0	261.83			
				0.47482	50.05250	71.63000	85.00000	0.0	0.0	0.0	0.0	0.0	261.83			
				0.94964	49.98500	71.16000	85.00000	0.0	0.0	0.0	0.0	0.0	261.83			
				1.4245	49.91750	70.69000	85.00000	0.0	0.0	0.0	0.0	0.0	261.83			
				1.8993	49.85000	70.22000	85.00000	0.0	0.0	0.0	0.0	0.0	261.83			
				2.3741	49.78250	69.75000	85.00000	0.0	0.0	0.0	0.0	0.0	261.83			
				2.8489	49.71500	69.28000	85.00000	0.0	0.0	0.0	0.0	0.0	261.83			
				3.3238	49.64750	68.81000	85.00000	0.0	0.0	0.0	0.0	0.0	261.83			
				3.7986	49.58000	68.34000	85.00000	0.0	0.0	0.0	0.0	0.0	261.83			
	10	Mau.2.2		0.0	49.58000	68.34000	85.00000	0.0	0.0	0.0	0.0	0.0	174.95			
				0.51916	49.06286	68.38571	85.00000	0.0	0.0	0.0	0.0	0.0	174.95			
				1.0383	48.54571	68.43143	85.00000	0.0	0.0	0.0	0.0	0.0	174.95			
				1.5575	48.02857	68.47714	85.00000	0.0	0.0	0.0	0.0	0.0	174.95			
				2.0766	47.51143	68.52286	85.00000	0.0	0.0	0.0	0.0	0.0	174.95			
				2.5958	46.99429	68.56857	85.00000	0.0	0.0	0.0	0.0	0.0	174.95			
				3.1150	46.47714	68.61429	85.00000	0.0	0.0	0.0	0.0	0.0	174.95			
				3.6341	45.96000	68.66000	85.00000	0.0	0.0	0.0	0.0	0.0	174.95			
	11	Mau.2.3		0.0	45.96000	68.66000	85.00000	0.0	0.0	0.0	0.0	0.0	82.547			
				0.49562	46.02429	69.15143	85.00000	0.0	0.0	0.0	0.0	0.0	82.547			
				0.99232	46.08857	69.64286	85.00000	0.0	0.0	0.0	0.0	0.0	82.547			
				1.4868	46.15286	70.13429	85.00000	0.0	0.0	0.0	0.0	0.0	82.547			
				1.9825	46.21714	70.62571	85.00000	0.0	0.0	0.0	0.0	0.0	82.547			
				2.4781	46.28143	71.11714	85.00000	0.0	0.0	0.0	0.0	0.0	82.547			
				2.9737	46.34571	71.60857	85.00000	0.0	0.0	0.0	0.0	0.0	82.547			
				3.4693	46.41000	72.11000	85.00000	0.0	0.0	0.0	0.0	0.0	82.547			
	12	Mau.3.1		0.0	39.34000	72.10000	85.00000	0.0	0.0	0.0	0.0	0.0	259.77			
				0.51823	39.24800	71.59000	85.00000	0.0	0.0	0.0	0.0	0.0	259.77			
				1.0365	39.15600	71.08000	85.00000	0.0	0.0	0.0	0.0	0.0	259.77			
				1.5547	39.06400	70.57000	85.00000	0.0	0.0	0.0	0.0	0.0	259.77			
				2.0729	38.97200	70.06000	85.00000	0.0	0.0	0.0	0.0	0.0	259.77			
				2.5912	38.88000	69.55000	85.00000	0.0	0.0	0.0	0.0	0.0	259.77			
	13	Mau.3.2		0.0	38.88000	69.55000	85.00000	0.0	0.0	0.0	0.0	0.0	169.74			
				0.47154	38.41600	69.63400	85.00000	0.0	0.0	0.0	0.0	0.0	169.74			
				0.94308	37.95200	69.71800	85.00000	0.0	0.0	0.0	0.0	0.0	169.74			
				1.4146	37.48800	69.80200	85.00000	0.0	0.0	0.0	0.0	0.0	169.74			
				1.8862	37.02400	69.88600	85.00000	0.0	0.0	0.0	0.0	0.0	169.74			



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

A-SQUARED STUDIO ENGINEERS LTD													Job No.	Sheet No.	Rev.	
													3500			
													Drg. Ref.			
													Made by PES	Date 01-Nov-2024	Checked	Date
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δH//	δHperp.	Angle			
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]			
				0.50652	13.57462	47.39385	85.00000	0.0	0.0	0.73126	0.0	0.0	0.0	0.0	176.17	
				1.0130	13.06923	47.42769	85.00000	0.0	0.0	0.63669	0.0	0.0	0.0	0.0	176.17	
				1.5196	12.56385	47.46154	85.00000	0.0	0.0	0.54180	0.0	0.0	0.0	0.0	176.17	
				2.0261	12.05846	47.49538	85.00000	0.0	0.0	0.44662	0.0	0.0	0.0	0.0	176.17	
				2.5326	11.55308	47.52923	85.00000	0.0	0.0	0.35118	0.0	0.0	0.0	0.0	176.17	
				3.0391	11.04769	47.56308	85.00000	0.0	0.0	0.25548	0.0	0.0	0.0	0.0	176.17	
				3.5456	10.54231	47.59692	85.00000	0.0	0.0	0.15954	0.0	0.0	0.0	0.0	176.17	
				4.0521	10.03692	47.63077	85.00000	0.0	0.0	0.063377	0.0	0.0	0.0	0.0	176.17	
				4.5587	9.53154	47.66462	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176.17	
				5.0652	9.02615	47.69846	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176.17	
				5.5717	8.52077	47.73231	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176.17	
				6.0782	8.01538	47.76615	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176.17	
				6.5847	7.51000	47.80000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176.17	
	17	HGC.3		0.0	7.51000	47.80000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				0.49831	7.55878	48.29592	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				0.99662	7.60755	48.79184	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				1.4949	7.65633	49.28776	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				1.9932	7.70510	49.78367	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				2.4916	7.75388	50.27959	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				2.9899	7.80265	50.77551	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				3.4882	7.85143	51.27143	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				3.9865	7.90020	51.76735	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				4.4848	7.94898	52.26327	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				4.9831	7.99776	52.75918	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				5.4814	8.04653	53.25510	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				5.9797	8.09531	53.75102	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				6.4780	8.14408	54.24694	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				6.9764	8.19286	54.74286	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				7.4747	8.24163	55.23878	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				7.9730	8.29041	55.73469	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				8.4713	8.33918	56.23061	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				8.9696	8.38796	56.72653	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				9.4679	8.43673	57.22245	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				9.9662	8.48551	57.71837	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				10.465	8.53429	58.21429	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				10.963	8.58306	58.71020	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				11.461	8.63184	59.20612	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				11.959	8.68061	59.70204	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				12.458	8.72939	60.19796	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				12.956	8.77816	60.69388	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				13.454	8.82694	61.18980	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				13.953	8.87571	61.68571	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				14.451	8.92449	62.18163	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				14.949	8.97327	62.67755	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				15.448	9.02204	63.17347	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				15.946	9.07082	63.66939	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				16.444	9.11959	64.16531	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				16.943	9.16837	64.66122	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				17.441	9.21714	65.15714	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				17.939	9.26592	65.65306	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				18.438	9.31469	66.14898	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				18.936	9.36347	66.64490	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				19.434	9.41224	67.14082	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				19.932	9.46102	67.63673	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				20.431	9.50980	68.13265	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				20.929	9.55857	68.62857	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				21.427	9.60735	69.12449	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				21.926	9.65612	69.62041	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				22.424	9.70490	70.11633	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				22.922	9.75367	70.61224	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				23.421	9.80245	71.10816	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				23.919	9.85122	71.60408	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
				24.417	9.90000	72.10000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.383	
	18	HGC.4		0.0	7.12000	43.02000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.042	
				0.48972	7.56000	43.23500	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.042	
				0.97944	8.00000	43.45000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.042	
				1.4692	8.44000	43.66500	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.042	
				1.9589	8.88000	43.88000	85.00000	0.0	0.0	0.064405	0.0	0.0	0.0	0.0	26.042	
				2.4486	9.32000	44.09500	85.00000	0.0	0.0	0.14065	0.0	0.0	0.0	0.0	26.042	
				2.9383	9.76000	44										

Oasys													Job No.		Sheet No.		Rev.			
A-SQUARED STUDIO													3500							
ENGINEERS LTD																				
Highgate Cemetery													Drg. Ref.							
B1													Made by PES		Date 01-Nov-2024		Checked		Date	
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δH//	δPerp.	Angle							
		25	HGC.11	[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]							
				0.0	19.59000	37.45000	85.00000	3.1183	0.31183	2.8544	-2.0045	-2.4090	135.47							
				0.51338	19.22400	37.81000	85.00000	2.9103	0.22571	2.7169	-1.9166	-2.2017	135.47							
				1.0268	18.85800	38.17000	85.00000	2.7032	0.13602	2.5832	-1.8318	-1.9925	135.47							
				1.5401	18.49200	38.53000	85.00000	2.4966	0.059805	2.4530	-1.7380	-1.7934	135.47							
				2.0535	18.12600	38.89000	85.00000	2.2909	-0.0035223	2.3267	-1.6357	-1.6040	135.47							
				2.5669	17.76000	39.25000	85.00000	2.0861	-0.054590	2.2049	-1.5255	-1.4240	135.47							
				3.0803	17.39400	39.61000	85.00000	1.8824	-0.094031	2.0876	-1.4080	-1.2530	135.47							
				3.5936	17.02800	39.97000	85.00000	1.6798	-0.12248	1.9748	-1.2835	-1.0906	135.47							
				4.1070	16.66200	40.33000	85.00000	1.4783	-0.14054	1.8663	-1.1525	-0.93647	135.47							
				4.6204	16.29600	40.69000	85.00000	1.2780	-0.14881	1.7617	-1.0155	-0.79008	135.47							
				5.1338	15.93000	41.05000	85.00000	1.0787	-0.14785	1.6603	-0.87272	-0.65102	135.47							
		26	81.SL.1	0.0	12.32000	22.91000	85.00000	0.0	0.0	0.31717	0.0	0.0	87.901							
				0.49414	12.33810	23.40391	85.00000	0.0	0.0	0.36126	0.0	0.0	87.901							
				0.98828	12.35619	23.89762	85.00000	0.0	0.0	0.40357	0.0	0.0	87.901							
				1.4824	12.37429	24.39143	85.00000	0.0	0.0	0.44405	0.0	0.0	87.901							
				1.9766	12.39238	24.88524	85.00000	0.0	0.0	0.48265	0.0	0.0	87.901							
				2.4707	12.41048	25.37905	85.00000	0.0	0.0	0.51931	0.0	0.0	87.901							
				2.9648	12.42857	25.87286	85.00000	0.0	0.0	0.55399	0.0	0.0	87.901							
				3.4590	12.44667	26.36667	85.00000	0.0	0.0	0.58664	0.0	0.0	87.901							
				3.9531	12.46476	26.86048	85.00000	0.0	0.0	0.61720	0.0	0.0	87.901							
				4.4473	12.48286	27.35429	85.00000	0.0	0.0	0.64564	0.0	0.0	87.901							
				4.9414	12.50095	27.84810	85.00000	0.0	0.0	0.67191	0.0	0.0	87.901							
				5.4356	12.51905	28.34190	85.00000	0.0	0.0	0.69596	0.0	0.0	87.901							
				5.9297	12.53714	28.83571	85.00000	0.0	0.0	0.71777	0.0	0.0	87.901							
				6.4238	12.55524	29.32952	85.00000	0.0	0.0	0.73728	0.0	0.0	87.901							
				6.9180	12.57333	29.82333	85.00000	0.0	0.0	0.75448	0.0	0.0	87.901							
				7.4121	12.59143	30.31714	85.00000	0.0	0.0	0.76932	0.0	0.0	87.901							
				7.9063	12.60952	30.81095	85.00000	0.0	0.0	0.78276	0.0	0.0	87.901							
				8.4004	12.62762	31.30476	85.00000	0.0	0.0	0.79619	0.0	0.0	87.901							
				8.8945	12.64571	31.79857	85.00000	0.0	0.0	0.80962	0.0	0.0	87.901							
				9.3887	12.66381	32.29238	85.00000	0.0	0.0	0.82304	0.0	0.0	87.901							
				9.8828	12.68143	32.78619	85.00000	0.0	0.0	0.83647	0.0	0.0	87.901							
				10.377	12.70000	33.28000	85.00000	0.0	0.0	0.84990	0.0	0.0	87.901							
		27	81.SL.2	0.0	12.70000	33.28000	85.00000	0.0	0.0	0.84990	0.0	0.0	357.93							
				0.50866	13.20833	33.26167	85.00000	0.0	0.0	0.95070	0.0	0.0	357.93							
				1.0173	13.71667	33.24333	85.00000	0.057090	0.0057090	1.0668	0.056848	0.0077630	357.93							
				1.5260	14.22500	33.22500	85.00000	0.23876	0.023876	1.1969	0.23774	0.032466	357.93							
				2.0347	14.73333	33.20667	85.00000	0.46820	0.046820	1.3194	0.46621	0.063665	357.93							
				2.5433	15.24167	33.18833	85.00000	0.73513	0.073513	1.4383	0.73201	0.099961	357.93							
				3.0520	15.75000	33.17000	85.00000	1.0008	0.10008	1.5572	0.99656	0.13609	357.93							
				3.5606	16.25833	33.15167	85.00000	1.2655	0.12655	1.6791	1.2601	0.17207	357.93							
				4.0693	16.76667	33.13333	85.00000	1.5293	0.15293	1.8068	1.5228	0.20795	357.93							
				4.5780	17.27500	33.11500	85.00000	1.7926	0.17926	1.9425	1.7850	0.24375	357.93							
				5.0866	17.78333	33.09667	85.00000	2.0555	0.20555	2.0882	2.0468	0.27950	357.93							
				5.5953	18.29167	33.07833	85.00000	2.3183	0.23183	2.2452	2.3085	0.31524	357.93							
				6.1040	18.80000	33.06000	85.00000	2.5812	0.25812	2.4147	2.5703	0.35099	357.93							
		28	81.SL.3	0.0	18.80000	33.06000	85.00000	2.5812	0.25812	2.4147	-0.32395	2.5738	268.54							
				0.50350	18.78714	32.55667	85.00000	2.4887	0.24887	2.3813	-0.31235	2.4816	268.54							
				1.0070	18.77429	32.05333	85.00000	2.3977	0.23977	2.3487	-0.30092	2.3908	268.54							
				1.5105	18.76143	31.55000	85.00000	2.3082	0.23082	2.3169	-0.28968	2.3015	268.54							
				2.0140	18.74857	31.04667	85.00000	2.2201	0.22201	2.2958	-0.27863	2.2137	268.54							
				2.5175	18.73571	30.54333	85.00000	2.1343	0.26702	2.2601	-0.32143	2.1268	268.54							
				3.0210	18.72286	30.04000	85.00000	2.0430	0.31667	2.2303	-0.36873	2.0343	268.54							
				3.5245	18.71000	29.53667	85.00000	1.9465	0.36192	2.1958	-0.41151	1.9366	268.54							
				4.0280	18.69714	29.03333	85.00000	1.8456	0.40213	2.1569	-0.44913	1.8347	268.54							
				4.5315	18.68429	28.53000	85.00000	1.7410	0.43671	2.1141	-0.48103	1.7293	268.54							
				5.0350	18.67143	28.02667	85.00000	1.6336	0.46515	2.0677	-0.50671	1.6211	268.54							
				5.5385	18.65857	27.52333	85.00000	1.5239	0.48702	2.0182	-0.52578	1.5109	268.54							
				6.0420	18.64571	27.02000	85.00000	1.4126	0.50196	1.9660	-0.53787	1.3993	268.54							
				6.5455	18.63286	26.51667	85.00000	1.3004	0.50969	1.9114	-0.54273	1.2869	268.54							
				7.0490	18.62000	26.01333	85.00000	1.1877	0.50998	1.8547	-0.54015	1.1743	268.54							
				7.5525	18.60714	25.51000	85.00000	1.0749	0.50270	1.7963	-0.52998	1.0618	268.54							
				8.0560	18.59429	25.00667	85.00000	0.96263	0.48774	1.7364	-0.51216	0.94986	268.54							
				8.5595	18.58143	24.50333	85.00000	0.85106	0.46506	1.6751	-0.48664	0.83891	268.54							
				9.0630	18.56857	24.00000	85.00000	0.74054	0.43468	1.6124	-0.45345	0.72920	268.54							
				9.5665	18.55571	23.49667	85.00000	0.63131	0.39663	1.5485	-0.41262	0.62097	268.54							
				10.070	18.54286	22.99333	85.00000	0.52792	0.35377	1.4839	-0.36714	0.51872	268.54							
				10.573	18.53000	22.49000	85.00000	0.42606	0.30334	1.4176	-0.31413	0.41818	268.54							
		29	81.SL.4	0.0	18.53000	22.49000	85.00000	0.42606	0.30334	1.4176	-0.40462	-0.33140	176.13							
				0.510																

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1												Job No.		Sheet No.		Rev.	
												3500					
												Drg. Ref.					
Made by PES		Date 01-Nov-2024		Checked		Date											
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δH//	δHperp.	Angle				
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]				
				0.98634	2.88600	22.58600	85.00000	0.0	0.0	0.0	0.0	0.0	88.490				
				1.4795	2.89900	23.07900	85.00000	0.0	0.0	0.0	0.0	0.0	88.490				
				1.9727	2.91200	23.57200	85.00000	0.0	0.0	0.0	0.0	0.0	88.490				
				2.4659	2.92500	24.06500	85.00000	0.0	0.0	0.0	0.0	0.0	88.490				
				2.9590	2.93800	24.55800	85.00000	0.0	0.0	0.0	0.0	0.0	88.490				
				3.4522	2.95100	25.05100	85.00000	0.0	0.0	0.0	0.0	0.0	88.490				
				3.9454	2.96400	25.54400	85.00000	0.0	0.0	0.0	0.0	0.0	88.490				
				4.4385	2.97700	26.03700	85.00000	0.0	0.0	0.0	0.0	0.0	88.490				
				4.9317	2.99000	26.53000	85.00000	0.0	0.0	0.0	0.0	0.0	88.490				
	34		79.SL.1	0.0	0.00000	21.17000	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				0.49646	0.49622	21.15432	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				0.99293	0.99243	21.13865	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				1.4894	1.48876	21.12297	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				1.9859	1.98486	21.10730	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				2.4823	2.48108	21.09162	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				2.9788	2.97730	21.07595	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				3.4752	3.47351	21.06027	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				3.9717	3.96973	21.04459	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				4.4682	4.46595	21.02892	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				4.9646	4.96216	21.01324	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				5.4611	5.45838	20.99757	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				5.9576	5.95459	20.98189	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				6.4540	6.45081	20.96622	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				6.9505	6.94703	20.95054	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				7.4470	7.44324	20.93486	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				7.9434	7.93946	20.91919	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				8.4399	8.43568	20.90351	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				8.9363	8.93189	20.88784	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				9.4328	9.42811	20.87216	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				9.9293	9.92432	20.85649	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				10.426	10.42054	20.84081	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				10.922	10.91676	20.82514	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				11.419	11.41297	20.80946	85.00000	0.0	0.0	0.0	0.0	0.0	358.19				
				11.915	11.90919	20.79378	85.00000	0.0	0.0	0.051209	0.0	0.0	358.19				
				12.412	12.40541	20.77811	85.00000	0.0	0.0	0.13605	0.0	0.0	358.19				
				12.908	12.90162	20.76243	85.00000	0.0	0.0	0.22031	0.0	0.0	358.19				
				13.405	13.39784	20.74676	85.00000	0.0	0.0	0.30395	0.0	0.0	358.19				
				13.901	13.89405	20.73108	85.00000	0.0	0.0	0.38695	0.0	0.0	358.19				
				14.397	14.39027	20.71541	85.00000	0.0	0.0	0.46926	0.0	0.0	358.19				
				14.894	14.88649	20.69973	85.00000	0.0	0.0	0.55085	0.0	0.0	358.19				
				15.390	15.38270	20.68405	85.00000	0.0	0.0	0.63166	0.0	0.0	358.19				
				15.887	15.87892	20.66838	85.00000	0.0	0.0	0.71167	0.0	0.0	358.19				
				16.383	16.37514	20.65270	85.00000	0.0	0.0	0.79081	0.0	0.0	358.19				
				16.880	16.87135	20.63703	85.00000	0.0	0.0	0.86903	0.0	0.0	358.19				
				17.376	17.36757	20.62135	85.00000	0.0	0.0	0.94629	0.0	0.0	358.19				
				17.873	17.86378	20.60568	85.00000	0.0023560	0.0019538	1.0262	0.0022931	0.0020272	358.19				
				18.369	18.36000	20.59000	85.00000	0.072253	0.062360	1.1201	0.070248	0.064610	358.19				
	35		79.SL.2	0.0	18.36000	20.59000	85.00000	0.072253	0.062360	1.1201	-0.066656	0.068310	266.50				
				0.50038	18.32944	20.09056	85.00000	0.0079712	0.0071867	1.0341	-0.0076600	0.0075174	266.50				
				1.0008	18.29889	19.59111	85.00000	0.0	0.0	0.95829	0.0	0.0	266.50				
				1.5011	18.26833	19.09167	85.00000	0.0	0.0	0.88664	0.0	0.0	266.50				
				2.0015	18.23778	18.59222	85.00000	0.0	0.0	0.81377	0.0	0.0	266.50				
				2.5019	18.20722	18.09278	85.00000	0.0	0.0	0.73973	0.0	0.0	266.50				
				3.0023	18.17667	17.59333	85.00000	0.0	0.0	0.66460	0.0	0.0	266.50				
				3.5026	18.14611	17.09389	85.00000	0.0	0.0	0.58843	0.0	0.0	266.50				
				4.0030	18.11556	16.59444	85.00000	0.0	0.0	0.51128	0.0	0.0	266.50				
				4.5034	18.08500	16.09500	85.00000	0.0	0.0	0.43320	0.0	0.0	266.50				
				5.0038	18.05444	15.59556	85.00000	0.0	0.0	0.35424	0.0	0.0	266.50				
				5.5042	18.02389	15.09611	85.00000	0.0	0.0	0.27444	0.0	0.0	266.50				
				6.0045	17.99333	14.59667	85.00000	0.0	0.0	0.19385	0.0	0.0	266.50				
				6.5049	17.96278	14.09722	85.00000	0.0	0.0	0.11250	0.0	0.0	266.50				
				7.0053	17.93222	13.59778	85.00000	0.0	0.0	0.030451	0.0	0.0	266.50				
				7.5057	17.90167	13.09833	85.00000	0.0	0.0	0.0	0.0	0.0	266.50				
				8.0061	17.87111	12.59889	85.00000	0.0	0.0	0.0	0.0	0.0	266.50				
				8.5064	17.84056	12.09944	85.00000	0.0	0.0	0.0	0.0	0.0	266.50				
				9.0068	17.81000	11.60000	85.00000	0.0	0.0	0.0	0.0	0.0	266.50				
	36		79.SL.3	0.0	17.81000	11.60000	85.00000	0.0	0.0	0.0	0.0	0.0	176.51				
				0.49352	17.31739	11.63000	85.00000	0.0	0.0	0.0	0.0	0.0	176.51				
				0.98704	16.82478	11.66000	85.00000	0.0	0.0	0.0	0.0	0.0	176.51				
				1.4806	16.33217	11.69000	85.00000	0.0	0.0	0.0	0.0	0.0	176.51				
				1.9741	15.83957	11.72000	85.00000	0.0	0.0	0.0	0.0	0.0	176.51				
				2.4676	15.34696	11.75000	85.00000	0.0	0.0	0.0	0.0	0.0	176.51				
				2.9611	14.85435	11.78000	85.00000	0.0	0.0	0.0	0.0	0.0	176.51				
				3.4546	14.36174	11.81000	85.00000	0.0	0.0	0.0	0.0	0.0	176.51				
				3.9482	13.86913	11.84000	85.00000	0.0	0.0	0.0	0.0	0.0	176.51				

Oasys													Job No.		Sheet No.		Rev.			
ENGINEERS LTD													3500							
Highgate Cemetery													Drg. Ref.							
B1													Made by PES		Date 01-Nov-2024		Checked		Date	
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δH//	δHperp.	Angle							
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]							
				6.4674	14.96389	2.94722	85.00000	0.0	0.0	0.0	0.0	0.0	16.411							
				6.9649	15.44111	3.08778	85.00000	0.0	0.0	0.0	0.0	0.0	16.411							
				7.4624	15.91833	3.22833	85.00000	0.0	0.0	0.0	0.0	0.0	16.411							
				7.9598	16.39556	3.36889	85.00000	0.0	0.0	0.0	0.0	0.0	16.411							
				8.4573	16.87278	3.50944	85.00000	0.0	0.0	0.0	0.0	0.0	16.411							
				8.9548	17.35000	3.65000	85.00000	0.0	0.0	0.0	0.0	0.0	16.411							
	41		184to210.OA.3	0.0	17.35000	3.65000	85.00000	0.0	0.0	0.0	0.0	0.0	287.20							
				0.47761	17.49125	3.19375	85.00000	0.0	0.0	0.0	0.0	0.0	287.20							
				0.95523	17.63250	2.73750	85.00000	0.0	0.0	0.0	0.0	0.0	287.20							
				1.4328	17.77375	2.28125	85.00000	0.0	0.0	0.0	0.0	0.0	287.20							
				1.9105	17.91500	1.82500	85.00000	0.0	0.0	0.0	0.0	0.0	287.20							
				2.3881	18.05625	1.36875	85.00000	0.0	0.0	0.0	0.0	0.0	287.20							
				2.8657	18.19750	0.91250	85.00000	0.0	0.0	0.0	0.0	0.0	287.20							
				3.3433	18.33875	0.45625	85.00000	0.0	0.0	0.0	0.0	0.0	287.20							
				3.8209	18.48000	0.00000	85.00000	0.0	0.0	0.0	0.0	0.0	287.20							
	42		ETWGC.1	0.0	32.07000	36.91000	85.00000	11.444	1.1444	6.6333	-11.501	-0.10361	185.19							
				0.48730	31.58471	36.86588	85.00000	11.052	1.1052	6.9550	-11.107	-0.10006	185.19							
				0.97459	31.09941	36.82176	85.00000	10.668	1.0668	7.1911	-10.721	-0.096581	185.19							
				1.4619	30.61412	36.77765	85.00000	10.290	1.0290	7.3495	-10.341	-0.093164	185.19							
				1.9492	30.12882	36.73353	85.00000	9.9198	0.99198	7.4376	-9.9689	-0.089810	185.19							
				2.4365	29.64353	36.68941	85.00000	9.5560	0.95560	7.4627	-9.6033	-0.086516	185.19							
				2.9238	29.15824	36.64529	85.00000	9.1987	0.91987	7.4317	-9.2442	-0.083281	185.19							
				3.4111	28.67294	36.60118	85.00000	8.8478	0.88478	7.3512	-8.8915	-0.080104	185.19							
				3.8984	28.18765	36.55706	85.00000	8.5029	0.85029	7.2274	-8.5450	-0.076982	185.19							
				4.3857	27.70235	36.51294	85.00000	8.1639	0.81639	7.0662	-8.2043	-0.073913	185.19							
				4.8730	27.21706	36.46882	85.00000	7.8307	0.78307	6.8732	-7.8694	-0.070896	185.19							
				5.3602	26.73176	36.42471	85.00000	7.5029	0.75029	6.6537	-7.5400	-0.067928	185.19							
				5.8475	26.24647	36.38059	85.00000	7.1804	0.71804	6.4127	-7.2160	-0.065009	185.19							
				6.3348	25.76118	36.33647	85.00000	6.8630	0.68630	6.1546	-6.8970	-0.062135	185.19							
				6.8221	25.27588	36.29235	85.00000	6.5506	0.65506	5.8839	-6.5830	-0.059306	185.19							
				7.3094	24.79059	36.24824	85.00000	6.2427	0.62427	5.6044	-6.2736	-0.056519	185.19							
				7.7967	24.30529	36.20412	85.00000	5.9394	0.59394	5.3200	-5.9688	-0.053773	185.19							
				8.2840	23.82000	36.16000	85.00000	5.6403	0.56403	5.0337	-5.6682	-0.051065	185.19							
	43		ETWGC.2	0.0	23.82000	36.16000	85.00000	5.6403	0.56403	5.0337	-0.66220	5.6296	269.00							
				0.47841	23.81167	35.68167	85.00000	5.6794	0.56794	5.0385	-0.66678	5.6686	269.00							
				0.95681	23.80333	35.20333	85.00000	5.7177	0.57177	5.0425	-0.67128	5.7069	269.00							
				1.4352	23.79500	34.72500	85.00000	5.7553	0.57553	5.0457	-0.67569	5.7444	269.00							
				1.9136	23.78667	34.24667	85.00000	5.6115	0.56115	4.9567	-0.65881	5.6009	269.00							
				2.3920	23.77833	33.76833	85.00000	5.4661	0.54661	4.8677	-0.64174	5.4558	269.00							
				2.8704	23.77000	33.29000	85.00000	5.3220	0.53220	4.7800	-0.62482	5.3119	269.00							
	44		ETWGC.3	0.0	23.77000	33.29000	85.00000	5.3220	0.53220	4.7800	-0.62482	5.3119	269.00							
				0.50747	24.27471	33.34294	85.00000	5.6247	0.56247	5.0712	5.6527	-0.027383	5.9881							
				1.0149	24.77941	33.39588	85.00000	5.9320	0.59320	5.3626	5.9615	-0.028879	5.9881							
				1.5224	25.28412	33.44882	85.00000	6.2439	0.62439	5.6509	6.2750	-0.030398	5.9881							
				2.0299	25.78882	33.50176	85.00000	6.5608	0.65608	5.9322	6.5934	-0.031941	5.9881							
				2.5374	26.29353	33.55471	85.00000	6.8829	0.68829	6.2024	6.9171	-0.033508	5.9881							
				3.0448	26.79824	33.60765	85.00000	7.2103	0.72103	6.4570	7.2462	-0.035103	5.9881							
				3.5523	27.30294	33.66059	85.00000	7.5434	0.75434	6.6911	7.5809	-0.036724	5.9881							
				4.0598	27.80765	33.71353	85.00000	7.8824	0.78824	6.8994	7.9216	-0.038374	5.9881							
				4.5673	28.31235	33.76647	85.00000	8.2274	0.82274	7.0764	8.2683	-0.040054	5.9881							
				5.0747	28.81706	33.81941	85.00000	8.5788	0.85788	7.2161	8.6215	-0.041765	5.9881							
				5.5822	29.32176	33.87235	85.00000	8.9367	0.89367	7.3120	8.9812	-0.043507	5.9881							
				6.0897	29.82647	33.92529	85.00000	9.3014	0.93014	7.3575	9.3477	-0.045283	5.9881							
				6.5972	30.33118	33.97824	85.00000	9.6731	0.96731	7.3455	9.7212	-0.047093	5.9881							
				7.1046	30.83588	34.03118	85.00000	10.052	1.0052	7.2685	10.102	-0.048937	5.9881							
				7.6121	31.34059	34.08412	85.00000	10.439	1.0439	7.1186	10.490	-0.050819	5.9881							
				8.1196	31.84529	34.13706	85.00000	10.833	1.0833	6.8877	10.887	-0.052738	5.9881							
				8.6271	32.35000	34.19000	85.00000	11.235	1.1235	6.5672	11.291	-0.054695	5.9881							
	45		ETWHGC.1	0.0	9.58000	47.66000	85.00000	0.0	0.0	0.0	0.0	0.0	278.55							
				0.50436	9.65500	47.16125	85.00000	0.0	0.0	0.026271	0.0	0.0	278.55							
				1.0087	9.73000	46.66250	85.00000	0.0	0.0	0.074561	0.0	0.0	278.55							
				1.5131	9.80500	46.16375	85.00000	0.0	0.0	0.12117	0.0	0.0	278.55							
				2.0174	9.88000	45.66500	85.00000	0.0	0.0	0.16606	0.0	0.0	278.55							
				2.5218	9.95500	45.16625	85.00000	0.0	0.0	0.20917	0.0	0.0	278.55							
				3.0261	10.03000	44.66750	85.00000	0.0	0.0	0.25044	0.0	0.0	278.55							
				3.5305	10.10500	44.16875	85.00000	0.0	0.0	0.28984	0.0	0.0	278.55							
				4.0349	10.18000	43.67000	85.00000	0.0	0.0	0.32732	0.0	0.0	278.55							
	46		ETWHGC.2	0.0	10.18000	43.67000	85.00000	0.0	0.0	0.32732	0.0	0.0	18.771							
				0.53865	10.69000	43.84333	85.00000	0.0	0.0	0.41888	0.0	0.0	18.771							
				1.0773	11.20000	44.01667	85.00000	0.0	0.0	0.50970	0.0	0.0	18.771							
				1.6160	11.71000	44.19000	85.00000	0.0	0.0	0.59971	0.0	0.0	18.771							
				2.1546	12.22000	44.36333	85.00000	0.0	0.0	0.68887	0.0	0.0	18.771							
				2.6933	12.73000	44.53667	85.00000	0.0	0.0	0.77713	0.0	0.0	18.771							
				3.2319	13.24000	44.71000	85.00000	0.0	0.0	0.86441	0.0	0.0	18.771							
	47		ETWHGC.3	0.0	13.24000	44.71000	85.00000	0.0	0.0	0.86441	0.0	0.0	101.35							
				0.46578	13.14833	45.16667	85.00000	0.0	0.0	0.81853	0.0	0.0	101.35							
				0.93155	13.05667	45.62333	85.00000	0.0	0.0	0.77101	0.0	0.0	101.35							
				1.3973	12.96500	46.08000	85.00000	0.0	0.0	0.72193	0.0	0.0	101.35							
				1.8631	12.87333	46.53667	85.00000	0.0	0.0	0.67132	0.0	0.0	101.35							
				2.3289	12.78167	46.99333	85.00000	0.0	0.0	0.61925	0.0	0.0	101.35							
				2.7947	12.69000	47.45000	85.00000	0.0	0.0	0.56577	0.0	0.0	101.35							
	48		SL.WW.1	0.0	14.54000	50.95000	85.00000	0.0	0.0	0.56583	0.0	0.0	305.75							
				0.50410	14.83455	50.54091	85.00000	0.0	0.0	0.65692	0.0	0.0	305.75							
				1.0082	15.12909	50.13182	85.000													

Oasys													Job No.	Sheet No.	Rev.	
A-SQUARED STUDIO													3500			
ENGINEERS LTD																
Highgate Cemetery													Drg. Ref.			
B1													Made by	Date	Checked	Date
													PES	01-Nov-2024		
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δH//	δHperp.	Angle			
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]			
				4.9934	24.47333	31.80667	85.00000	5.2720	0.52720	4.8960	-0.49200	5.2754	270.38			
				5.4928	24.47667	31.30733	85.00000	5.0824	0.63177	4.8233	-0.59783	5.0865	270.38			
				5.9921	24.48000	30.80700	85.00000	4.8422	0.85228	4.7566	-0.81994	4.8478	270.38			
				6.4915	24.48333	30.30867	85.00000	4.5950	1.0608	4.6764	-1.0301	4.6019	270.38			
				6.9908	24.48667	29.80933	85.00000	4.3440	1.2544	4.5838	-1.2254	4.3523	270.38			
				7.4902	24.49000	29.31000	85.00000	4.0924	1.4307	4.4799	-1.4033	4.1019	270.38			
				7.9895	24.49333	28.81067	85.00000	3.8429	1.5877	4.3662	-1.5620	3.8534	270.38			
				8.4889	24.49667	28.31133	85.00000	3.5976	1.7243	4.2439	-1.7002	3.6090	270.38			
				8.9882	24.50000	27.81200	85.00000	3.3583	1.8397	4.1143	-1.8173	3.3706	270.38			
				9.4875	24.50333	27.31267	85.00000	3.1265	1.9339	3.9788	-1.9130	3.1394	270.38			
				9.9869	24.50667	26.81333	85.00000	2.9369	2.0285	3.8578	-2.0089	2.9503	270.38			
				10.486	24.51000	26.31400	85.00000	2.7652	2.1082	3.7366	-2.0897	2.7792	270.38			
				10.986	24.51333	25.81467	85.00000	2.5974	2.1646	3.6081	-2.1472	2.6114	270.38			
				11.485	24.51667	25.31533	85.00000	2.4340	2.1986	3.4738	-2.1824	2.4486	270.38			
				11.984	24.52000	24.81600	85.00000	2.2750	2.2116	3.3352	-2.1963	2.2897	270.38			
				12.484	24.52333	24.31667	85.00000	2.1206	2.2046	3.1938	-2.1904	2.1352	270.38			
				12.983	24.52667	23.81733	85.00000	1.9706	2.1790	3.0511	-2.1658	1.9851	270.38			
				13.482	24.53000	23.31800	85.00000	1.8250	2.1360	2.9083	-2.1237	1.8392	270.38			
				13.982	24.53333	22.81867	85.00000	1.6837	2.0768	2.7668	-2.0655	1.6975	270.38			
				14.481	24.53667	22.31933	85.00000	1.5464	2.0027	2.6275	-1.9923	1.5598	270.38			
				14.980	24.54000	21.82000	85.00000	1.4131	1.9147	2.4916	-1.9052	1.4258	270.38			
	53		SL.WW.6	0.0	24.54000	21.82000	85.00000	1.4131	1.9147	2.4916	-1.9301	1.3919	269.37			
				0.49253	24.53458	21.32750	85.00000	1.2843	1.8123	2.3596	-1.8263	1.2643	269.37			
				0.98506	24.52917	20.83500	85.00000	1.1589	1.6986	2.2324	-1.7112	1.1401	269.37			
				1.4776	24.52375	20.34250	85.00000	1.0367	1.5744	2.1100	-1.5857	1.0193	269.37			
				1.9701	24.51833	19.85000	85.00000	0.91752	1.4405	1.9927	-1.4505	0.90162	269.37			
				2.4626	24.51292	19.35750	85.00000	0.80110	1.2976	1.8802	-1.3063	0.78679	269.37			
				2.9552	24.50750	18.86500	85.00000	0.68726	1.1463	1.7721	-1.1538	0.67461	269.37			
				3.4477	24.50208	18.37250	85.00000	0.58756	0.99629	1.6698	-1.0027	0.57656	269.37			
				3.9402	24.49667	17.88000	85.00000	0.50073	0.84807	1.5730	-0.85453	0.49137	269.37			
				4.4328	24.49125	17.38750	85.00000	0.40718	0.69044	1.4770	-0.69487	0.39956	269.37			
				4.9253	24.48583	16.89500	85.00000	0.30682	0.52027	1.3806	-0.52361	0.30108	269.37			
				5.4178	24.48042	16.40250	85.00000	0.19960	0.33844	1.2817	-0.34062	0.19586	269.37			
				5.9104	24.47500	15.91000	85.00000	0.10741	0.18213	1.1756	-0.18330	0.10540	269.37			
				6.4029	24.46958	15.41750	85.00000	0.026908	0.045627	1.0639	-0.045920	0.026405	269.37			
				6.8954	24.46417	14.92500	85.00000	0.0	0.0	0.96405	0.0	0.0	269.37			
				7.3879	24.45875	14.43250	85.00000	0.0	0.0	0.87866	0.0	0.0	269.37			
				7.8805	24.45333	13.94000	85.00000	0.0	0.0	0.79325	0.0	0.0	269.37			
				8.3730	24.44792	13.44750	85.00000	0.0	0.0	0.70745	0.0	0.0	269.37			
				8.8655	24.44250	12.95500	85.00000	0.0	0.0	0.62109	0.0	0.0	269.37			
				9.3581	24.43708	12.46250	85.00000	0.0	0.0	0.53420	0.0	0.0	269.37			
				9.8506	24.43167	11.97000	85.00000	0.0	0.0	0.44682	0.0	0.0	269.37			
				10.343	24.42625	11.47750	85.00000	0.0	0.0	0.35897	0.0	0.0	269.37			
				10.836	24.42083	10.98500	85.00000	0.0	0.0	0.27069	0.0	0.0	269.37			
				11.328	24.41542	10.49250	85.00000	0.0	0.0	0.18199	0.0	0.0	269.37			
				11.821	24.41000	10.00000	85.00000	0.0	0.0	0.092896	0.0	0.0	269.37			
				0.0	24.41000	10.00000	85.00000	0.0	0.0	0.092896	0.0	0.0	177.87			
	54		SL.WW.7	0.49467	23.91568	10.01838	85.00000	0.0	0.0	0.052580	0.0	0.0	177.87			
				0.98933	23.42135	10.03676	85.00000	0.0	0.0	0.010560	0.0	0.0	177.87			
				1.4840	22.92703	10.05514	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				1.9787	22.43270	10.07351	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				2.4733	21.93838	10.09189	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				2.9680	21.44405	10.11027	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				3.4627	20.94973	10.12865	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				3.9573	20.45541	10.14703	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				4.4520	19.96108	10.16541	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				4.9467	19.46676	10.18378	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				5.4413	18.97243	10.20216	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				5.9360	18.47811	10.22054	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				6.4307	17.98378	10.23892	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				6.9253	17.48946	10.25730	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				7.4200	16.99514	10.27568	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				7.9147	16.50081	10.29405	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				8.4093	16.00649	10.31243	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				8.9040	15.51216	10.33081	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				9.3987	15.01784	10.34919	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				9.8933	14.52351	10.36757	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				10.388	14.02919	10.38595	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				10.883	13.53486	10.40432	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				11.377	13.04054	10.42270	85.00000	0.0	0.0	0.0	0.0	0.0	177.87			
				11.872	12.54622	10										

A-SQUARED STUDIO												Job No.		Sheet No.		Rev.			
ENGINEERS LTD												3500							
Highgate Cemetery												Drg. Ref.							
B1												Made by PES		Date 01-Nov-2024		Checked		Date	
Stage: Ref.	Stage: Name	Disp. Line Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δH//	δHperp.	Angle						
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]						
				15.953	26.65000	56.23600	85.00000	0.36871	-0.80511	1.6653	0.76180	0.45144	263.95						
				16.451	26.59750	55.74025	85.00000	0.45042	-0.93336	1.7660	0.88073	0.54621	263.95						
				16.950	26.54500	55.24450	85.00000	0.53763	-1.0558	1.8693	0.99332	0.64583	263.95						
				17.448	26.49250	54.74875	85.00000	0.63076	-1.1721	1.9759	1.0991	0.75069	263.95						
				17.947	26.44000	54.25300	85.00000	0.73025	-1.2817	2.0860	1.1977	0.86116	263.95						
				18.445	26.38750	53.75725	85.00000	0.84242	-1.3945	2.2020	1.2980	0.98459	263.95						
				18.944	26.33500	53.26150	85.00000	0.96441	-1.5040	2.3229	1.3941	1.1174	263.95						
				19.442	26.28250	52.76575	85.00000	1.0958	-1.6082	2.4485	1.4838	1.2591	263.95						
				19.941	26.23000	52.27000	85.00000	1.2373	-1.7065	2.5784	1.5667	1.4101	263.95						
		57	SL.2	0.0	26.23000	52.27000	85.00000	1.2373	-1.7065	2.5784	1.8035	1.0912	274.77						
				0.49954	26.27152	51.77219	85.00000	1.3877	-1.8223	2.7322	1.9313	1.2314	274.77						
				0.99908	26.31305	51.27438	85.00000	1.5492	-1.9331	2.8928	2.0552	1.3832	274.77						
				1.4986	26.35457	50.77657	85.00000	1.7229	-2.0384	3.0597	2.1745	1.5475	274.77						
				1.9982	26.39610	50.27876	85.00000	1.9099	-2.1374	3.2324	2.2888	1.7256	274.77						
				2.4977	26.43762	49.78095	85.00000	2.1114	-2.2294	3.4101	2.3972	1.9188	274.77						
				2.9972	26.47914	49.28314	85.00000	2.3286	-2.3136	3.5920	2.4991	2.1283	274.77						
				3.4968	26.52067	48.78533	85.00000	2.5629	-2.3888	3.7770	2.5936	2.3555	274.77						
				3.9963	26.56219	48.28752	85.00000	2.8155	-2.4541	3.9640	2.6797	2.6018	274.77						
				4.4958	26.60371	47.78971	85.00000	3.0879	-2.5083	4.1518	2.7563	2.8687	274.77						
				4.9954	26.64524	47.29190	85.00000	3.3813	-2.5501	4.3390	2.8223	3.1577	274.77						
				5.4949	26.68676	46.79410	85.00000	3.6969	-2.5781	4.5242	2.8765	3.4698	274.77						
				5.9945	26.72829	46.29629	85.00000	4.0356	-2.5911	4.7060	2.9175	3.8063	274.77						
				6.4940	26.76981	45.79848	85.00000	4.3979	-2.5876	4.8828	2.9442	4.1676	274.77						
				6.9935	26.81133	45.30067	85.00000	4.7696	-2.6298	5.0840	3.0172	4.5345	274.77						
				7.4931	26.85286	44.80286	85.00000	5.1225	-2.8244	5.3662	3.2404	4.8700	274.77						
				7.9926	26.89438	44.30505	85.00000	5.4871	-3.0254	5.6595	3.4711	5.2166	274.77						
				8.4922	26.93590	43.80724	85.00000	5.8634	-3.2329	5.9630	3.7091	5.5743	274.77						
				8.9917	26.97743	43.30943	85.00000	6.1503	-3.3911	6.2069	3.8906	5.8471	274.77						
				9.4912	27.01895	42.81162	85.00000	6.1808	-3.4079	6.2718	3.9099	5.8761	274.77						
				9.9908	27.06048	42.31381	85.00000	6.2069	-3.4223	6.3258	3.9264	5.9010	274.77						
				10.490	27.10200	41.81600	85.00000	6.2287	-3.4343	6.3689	3.9402	5.9217	274.77						
				10.990	27.14352	41.31819	85.00000	6.2919	-3.3171	6.4130	3.8286	5.9944	274.77						
				11.489	27.18505	40.82038	85.00000	6.4671	-2.8039	6.4681	3.3318	6.2117	274.77						
				11.989	27.22657	40.32257	85.00000	6.6273	-2.2024	6.4950	2.7457	6.4213	274.77						
				12.488	27.26810	39.82476	85.00000	6.7685	-1.5182	6.4946	2.0756	6.6189	274.77						
				12.988	27.30962	39.32695	85.00000	7.0674	-0.80103	6.5888	1.3857	6.9764	274.77						
				13.488	27.35114	38.82914	85.00000	7.3878	-0.044053	6.6916	0.65801	7.3586	274.77						
				13.987	27.39267	38.33133	85.00000	7.6824	0.73514	6.7768	-0.093996	7.7169	274.77						
				14.487	27.43419	37.83352	85.00000	7.7897	0.77897	6.8399	-0.12876	7.8274	274.77						
				14.986	27.47571	37.33571	85.00000	7.8889	0.78889	6.9023	-0.13040	7.9272	274.77						
				15.486	27.51724	36.83790	85.00000	7.9881	0.79881	6.9646	-0.13204	8.0269	274.77						
				15.985	27.55876	36.34010	85.00000	8.0872	0.80872	7.0269	-0.13368	8.1264	274.77						
				16.485	27.60029	35.84229	85.00000	8.1861	0.81861	7.0891	-0.13531	8.2258	274.77						
				16.984	27.64181	35.34448	85.00000	8.2849	0.82849	7.1512	-0.13695	8.3251	274.77						
				17.484	27.68333	34.84667	85.00000	8.2456	0.82456	7.1270	-0.13630	8.2856	274.77						
				17.983	27.72486	34.34886	85.00000	8.0776	0.80776	7.0222	-0.13352	8.1168	274.77						
				18.483	27.76638	33.85105	85.00000	7.9097	0.79097	6.9176	-0.13074	7.9481	274.77						
				18.982	27.80790	33.35324	85.00000	7.7421	0.77421	6.8130	-0.12797	7.7797	274.77						
				19.482	27.84943	32.85543	85.00000	7.5746	0.75746	6.7086	-0.12521	7.6114	274.77						
				19.982	27.89095	32.35762	85.00000	7.4074	0.74074	6.6042	-0.12244	7.4433	274.77						
				20.481	27.93248	31.85981	85.00000	7.2144	0.76977	6.5019	-0.16741	7.2534	274.77						
				20.981	27.97400	31.36200	85.00000	6.7048	1.3277	6.4129	-0.76575	6.7919	274.77						
				21.480	28.01552	30.86419	85.00000	6.1832	1.8585	6.3074	-1.3381	6.3163	274.77						
				21.980	28.05705	30.36638	85.00000	5.6659	2.3461	6.1872	-1.8670	5.8413	274.77						
				22.479	28.09857	29.86857	85.00000	5.1658	2.7786	6.0539	-2.3396	5.3789	274.77						
				22.979	28.14010	29.37076	85.00000	4.7236	3.1697	5.9345	-2.7661	4.9707	274.77						
				23.478	28.18162	28.87295	85.00000	4.4062	3.5562	5.8803	-3.1777	4.6866	274.77						
				23.978	28.22314	28.37514	85.00000	4.1069	3.8697	5.8010	-3.5149	4.4144	274.77						
				24.477	28.26467	27.87733	85.00000	3.8265	4.1140	5.6976	-3.7817	4.1553	274.77						
				24.977	28.30619	27.37952	85.00000	3.5650	4.2949	5.5716	-3.9837	3.9096	274.77						
				25.476	28.34771	26.88171	85.00000	3.3213	4.4187	5.4252	-4.1723	3.6771	274.77						
				25.976	28.38924	26.38390	85.00000	3.0945	4.4918	5.2606	-4.2190	3.4572	274.77						
				26.476	28.43076	25.88610	85.00000	2.8831	4.5204	5.0806	-4.2651	3.2488	274.77						
				26.975	28.47229	25.38829	85.00000	2.6856	4.5101	4.8879	-4.2712	3.0512	274.77						
				27.475	28.51381	24.89048	85.00000	2.6430	4.4816	4.7590	-4.2464	3.0064	274.77						
				27.974	28.55533	24.39267	85.00000	2.6205	4.4435	4.6283	-4.2103	2.9808	274.77						
				28.474	28.59686	23.89486	85.00000	2.5916	4.3947	4.4839	-4.1638	2.9479							

Oasys													Job No.		Sheet No.		Rev.					
A-SQUARED STUDIO													3500									
ENGINEERS LTD																						
Highgate Cemetery													Drg. Ref.		Made by PES		Date 01-Nov-2024		Checked		Date	
B1																						
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δH//	δHperp.	Angle									
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]									
				0.98968	31.49619	62.21810	85.00000	0.0	0.0	0.67267	0.0	0.0	262.81									
				1.4845	31.43429	61.72714	85.00000	0.0	0.0	0.76902	0.0	0.0	262.81									
				1.9794	31.37238	61.23619	85.00000	0.0	0.0	0.86523	0.0	0.0	262.81									
				2.4742	31.31048	60.74524	85.00000	0.0	0.0	0.96130	0.0	0.0	262.81									
				2.9690	31.24857	60.25429	85.00000	0.0044277	-0.048290	1.0704	0.047356	0.010434	262.81									
				3.4639	31.18667	59.76333	85.00000	0.016735	-0.17162	1.1871	0.16818	0.038074	262.81									
				3.9587	31.12476	59.27238	85.00000	0.035519	-0.33544	1.2985	0.32836	0.077205	262.81									
				4.4536	31.06286	58.78127	85.00000	0.060898	-0.53252	1.4072	0.52076	0.12704	262.81									
				4.9484	31.00095	58.29048	85.00000	0.089022	-0.72727	1.5155	0.71042	0.17930	262.81									
				5.4432	30.93905	57.79952	85.00000	0.12015	-0.91952	1.6253	0.89726	0.23424	262.81									
				5.9381	30.87714	57.30857	85.00000	0.15457	-1.1092	1.7384	1.0812	0.29212	262.81									
				6.4329	30.81524	56.81762	85.00000	0.19260	-1.2962	1.8563	1.2619	0.35325	262.81									
				6.9278	30.75333	56.32667	85.00000	0.23461	-1.4804	1.9801	1.4394	0.41797	262.81									
				7.4226	30.69143	55.83571	85.00000	0.28102	-1.6615	2.1108	1.6133	0.48666	262.81									
				7.9174	30.62952	55.34476	85.00000	0.33227	-1.8393	2.2490	1.7833	0.55975	262.81									
				8.4123	30.56762	54.85381	85.00000	0.38889	-2.0135	2.3951	1.9490	0.63772	262.81									
				8.9071	30.50571	54.36286	85.00000	0.45147	-2.1836	2.5493	2.1099	0.72109	262.81									
				9.4020	30.44381	53.87190	85.00000	0.52068	-2.3491	2.7113	2.2655	0.81047	262.81									
				9.8968	30.38190	53.38095	85.00000	0.59728	-2.5096	2.8807	2.4151	0.90654	262.81									
				10.392	30.32000	52.89000	85.00000	0.68213	-2.6642	3.0569	2.5580	1.0101	262.81									
	60		SL.EW.3	0.0	30.32000	52.89000	85.00000	0.68213	-2.6642	3.0569	2.7083	0.47828	274.35									
				0.48905	30.35706	52.40235	85.00000	0.75668	-2.8411	3.2518	2.8902	0.53922	274.35									
				0.97811	30.39412	51.91471	85.00000	0.83738	-3.0154	3.4542	3.0701	0.60648	274.35									
				1.4672	30.43118	51.42706	85.00000	0.92510	-3.1865	3.6630	3.2475	0.68097	274.35									
				1.9562	30.46824	50.93941	85.00000	1.0209	-3.3539	3.8769	3.4216	0.76378	274.35									
				2.4453	30.50529	50.45176	85.00000	1.1259	-3.5166	4.0942	3.5918	0.85616	274.35									
				2.9343	30.54235	49.96412	85.00000	1.2416	-3.6735	4.3131	3.7570	0.95967	274.35									
				3.4234	30.57941	49.47647	85.00000	1.3698	-3.8233	4.5315	3.9161	1.0762	274.35									
				3.9124	30.61647	48.98882	85.00000	1.5127	-3.9642	4.7471	4.0674	1.2079	274.35									
				4.4015	30.65353	48.50118	85.00000	1.6728	-4.0941	4.9574	4.2090	1.3577	274.35									
				4.8905	30.69059	48.01353	85.00000	1.8535	-4.2102	5.1597	4.3385	1.5291	274.35									
				5.3796	30.72765	47.52588	85.00000	2.0588	-4.3090	5.3509	4.4526	1.7264	274.35									
				5.8686	30.76471	47.03824	85.00000	2.2940	-4.3861	5.5280	4.5473	1.9550	274.35									
				6.3577	30.80176	46.55059	85.00000	2.5676	-4.4392	5.6905	4.6210	2.2238	274.35									
				6.8467	30.83882	46.06294	85.00000	2.9230	-4.5214	5.8863	4.7299	2.5720	274.35									
				7.3358	30.87588	45.57529	85.00000	3.3440	-4.5757	6.0721	4.8159	2.9876	274.35									
				7.8249	30.91294	45.08765	85.00000	3.8468	-4.5934	6.2467	4.8717	3.4877	274.35									
				8.3139	30.95000	44.60000	85.00000	4.4525	-4.5636	6.4096	4.8878	4.0939	274.35									
	61		SL.EW.4	0.0	31.22000	39.59000	85.00000	9.1213	-5.0292	7.0576	5.9779	8.5297	276.15									
				0.49192	31.27273	39.10091	85.00000	9.2091	-4.2509	6.8307	5.2135	8.7004	276.15									
				0.98385	31.32545	38.61182	85.00000	10.513	-4.0513	6.3000	0.081600	10.565	276.15									
				1.4758	31.37818	38.12273	85.00000	10.648	-4.0648	6.8760	0.082646	10.701	276.15									
				1.9677	31.43091	37.63364	85.00000	10.783	-4.0783	6.9219	0.083692	10.836	276.15									
				2.4596	31.48364	37.14455	85.00000	10.918	-4.0918	6.9677	0.084739	10.972	276.15									
				2.9515	31.53636	36.65545	85.00000	11.052	-4.1052	7.0134	0.085786	11.107	276.15									
				3.4435	31.58909	36.16636	85.00000	11.187	-4.1187	7.0590	0.086833	11.243	276.15									
				3.9354	31.64182	35.67727	85.00000	11.322	-4.1322	7.1044	0.087881	11.379	276.15									
				4.4273	31.69455	35.18818	85.00000	11.440	-4.1440	7.1492	0.088929	11.515	276.15									
				4.9192	31.74727	34.69909	85.00000	11.558	-4.1558	7.1940	0.089977	11.651	276.15									
				5.4112	31.80000	34.21000	85.00000	10.835	-4.0835	6.9195	0.084100	10.889	276.15									
				5.9031	31.85273	33.72091	85.00000	10.633	-4.0633	6.7938	0.082510	10.686	276.15									
				6.3950	31.90545	33.23182	85.00000	10.430	-4.0430	6.7683	0.080958	10.482	276.15									
				6.8869	31.95818	32.74273	85.00000	10.228	-4.0228	6.6930	0.079386	10.279	276.15									
				7.3789	32.01091	32.25364	85.00000	9.5170	-4.0277	6.5830	-0.59820	9.6366	276.15									
				7.8708	32.06364	31.76455	85.00000	5.9811	-4.0589	6.5803	-5.8900	6.6507	276.15									
				8.3627	32.11636	31.27545	85.00000	4.9779	-4.0407	6.4930	-7.8555	5.8539	276.15									
				8.8546	32.16909	30.78636	85.00000	5.0007	-4.0475	7.1321	-7.8947	5.8808	276.15									
				9.3466	32.22182	30.29727	85.00000	5.0182	-4.0502	7.3581	-7.9223	5.9014	276.15									
				9.8385	32.27455	29.80818	85.00000	5.0303	-4.0526	7.5574	-7.9413	5.9156	276.15									
				10.330	32.32727	29.31909	85.00000	4.9155	-4.0349	7.5930	-7.7600	5.7805	276.15									
				10.822	32.38000	28.83000	85.00000	4.6852	-4.0152	7.4609	-7.3965	5.5097	276.15									
	62		SL.EW.5	0.0	32.65000	25.93000	85.00000	2.3613	-6.3758	6.3068	-6.1254	2.9506	275.40									
				0.50087	32.69712	25.43135	85.00000	2.0224	-6.1490	6.0671	-5.9315	2.5919	275.40									
				1.0017	32.74423	24.93269	85.															



A-SQUARED STUDIO
ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δH//	δHperp.	Angle
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
				8.0220	41.86018	63.46982	85.00000	0.0	0.0	0.40548	0.0	0.0	351.32
				8.5234	42.35582	63.39418	85.00000	0.0	0.0	0.41495	0.0	0.0	351.32
				9.0247	42.85145	63.31855	85.00000	0.0	0.0	0.42214	0.0	0.0	351.32
				9.5261	43.34709	63.24291	85.00000	0.0	0.0	0.42704	0.0	0.0	351.32
				10.027	43.84273	63.16727	85.00000	0.0	0.0	0.42964	0.0	0.0	351.32
				10.529	44.33836	63.09164	85.00000	0.0	0.0	0.42995	0.0	0.0	351.32
				11.030	44.83400	63.01600	85.00000	0.0	0.0	0.42795	0.0	0.0	351.32
				11.532	45.32964	62.94036	85.00000	0.0	0.0	0.42366	0.0	0.0	351.32
				12.033	45.82527	62.86473	85.00000	0.0	0.0	0.41707	0.0	0.0	351.32
				12.534	46.32091	62.78909	85.00000	0.0	0.0	0.40821	0.0	0.0	351.32
				13.036	46.81655	62.71345	85.00000	0.0	0.0	0.39708	0.0	0.0	351.32
				13.537	47.31218	62.63782	85.00000	0.0	0.0	0.38370	0.0	0.0	351.32
				14.038	47.80782	62.56218	85.00000	0.0	0.0	0.36809	0.0	0.0	351.32
				14.540	48.30345	62.48655	85.00000	0.0	0.0	0.35028	0.0	0.0	351.32
				15.041	48.79909	62.41091	85.00000	0.0	0.0	0.33028	0.0	0.0	351.32
				15.543	49.29473	62.33527	85.00000	0.0	0.0	0.30814	0.0	0.0	351.32
				16.044	49.79036	62.25964	85.00000	0.0	0.0	0.28388	0.0	0.0	351.32
				16.545	50.28600	62.18400	85.00000	0.0	0.0	0.25753	0.0	0.0	351.32
				17.047	50.78164	62.10836	85.00000	0.0	0.0	0.22914	0.0	0.0	351.32
				17.548	51.27727	62.03273	85.00000	0.0	0.0	0.19873	0.0	0.0	351.32
				18.049	51.77291	61.95709	85.00000	0.0	0.0	0.16636	0.0	0.0	351.32
				18.551	52.26855	61.88145	85.00000	0.0	0.0	0.13205	0.0	0.0	351.32
				19.052	52.76418	61.80582	85.00000	0.0	0.0	0.095857	0.0	0.0	351.32
				19.554	53.25982	61.73018	85.00000	0.0	0.0	0.057819	0.0	0.0	351.32
				20.055	53.75545	61.65455	85.00000	0.0	0.0	0.017981	0.0	0.0	351.32
				20.556	54.25109	61.57891	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				21.058	54.74673	61.50327	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				21.559	55.24236	61.42764	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				22.060	55.73800	61.35200	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				22.562	56.23364	61.27636	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				23.063	56.72927	61.20073	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				23.565	57.22491	61.12509	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				24.066	57.72055	61.04945	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				24.567	58.21618	60.97382	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				25.069	58.71182	60.89818	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				25.570	59.20745	60.82255	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				26.071	59.70309	60.74691	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				26.573	60.19873	60.67127	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				27.074	60.69436	60.59564	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
				27.576	61.19000	60.52000	85.00000	0.0	0.0	0.0	0.0	0.0	351.32
		64	EC.Rd.2	0.0	61.19000	60.52000	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				0.49460	61.66467	60.38100	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				0.9920	62.13933	60.24200	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				1.4838	62.61400	60.10300	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				1.9784	63.08867	59.96400	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				2.4730	63.56333	59.82500	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				2.9676	64.03800	59.68600	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				3.4622	64.51267	59.54700	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				3.9568	64.98733	59.40800	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				4.4514	65.46200	59.26900	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				4.9460	65.93667	59.13000	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				5.4406	66.41133	58.99100	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				5.9352	66.88600	58.85200	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				6.4298	67.36067	58.71300	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				6.9244	67.83533	58.57400	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				7.4190	68.31000	58.43500	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				7.9136	68.78467	58.29600	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				8.4082	69.25933	58.15700	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				8.9028	69.73400	58.01800	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				9.3974	70.20867	57.87900	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				9.8920	70.68333	57.74000	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				10.387	71.15800	57.60100	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				10.881	71.63267	57.46200	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				11.376	72.10733	57.32300	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				11.870	72.58200	57.18400	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				12.365	73.05667	57.04500	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				12.860	73.53133	56.90600	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				13.354	74.00600	56.76700	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				13.849	74.48067	56.62800	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				14.343	74.95533	56.48900	85.00000	0.0	0.0	0.0	0.0	0.0	343.68
				14.838	75.43000	56.35000	85.00000	0.0	0.0	0.0	0.0	0.0	343.68

Displacement Results - Displacement Grids

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0	Base Model 1		Grid 1	0.00000	0.00000	85.00000	0.0	0.0	0.0
				0.75430	0.00000	85.00000	0.0	0.0	0.0
				1.50860	0.00000	85.00000	0.0	0.0	0.0
				2.26290	0.00000	85.00000	0.0	0.0	0.0
				3.01720	0.00000	85.00000	0.0	0.0	0.0
				3.77150	0.00000	85.00000	0.0	0.0	0.0
				4.52580	0.00000	85.00000	0.0	0.0	0.0
				5.28010	0.00000	85.00000	0.0	0.0	0.0
				6.03440	0.00000	85.00000	0.0	0.0	0.0
				6.78870	0.00000	85.00000	0.0	0.0	0.0
				7.54300	0.00000	85.00000	0.0	0.0	0.0
				8.29730	0.00000	85.00000	0.0	0.0	0.0
				9.05160	0.00000	85.00000	0.0	0.0	0.0
				9.80590	0.00000	85.00000	0.0	0.0	0.0
				10.56020	0.00000	85.00000	0.0	0.0	0.0
				11.31450	0.00000	85.00000	0.0	0.0	0.0
				12.06880	0.00000	85.00000	0.0	0.0	0.0
				12.82310	0.00000	85.00000	0.0	0.0	0.0
				13.57740	0.00000	85.00000	0.0	0.0	0.0
				14.33170	0.00000	85.00000	0.0	0.0	0.0
				15.08600	0.00000	85.00000	0.0	0.0	0.0
				15.84030	0.00000	85.00000	0.0	0.0	0.0
				16.59460	0.00000	85.00000	0.0	0.0	0.0
				17.34890	0.00000	85.00000	0.0	0.0	0.0
				18.10320	0.00000	85.00000	0.0	0.0	0.0
				18.85750	0.00000	85.00000	0.0	0.0	0.0
				19.61180	0.00000	85.00000	0.0	0.0	0.0
				20.36610	0.00000	85.00000	0.0	0.0	0.0
				21.12040	0.00000	85.00000	0.0	0.0	0.0
				21.87470	0.00000	85.00000	0.0	0.0	0.0
				22.62900	0.00000	85.00000	0.0	0.0	0.0
				23.38330	0.00000	85.00000	0.0	0.0	0.0
				24.13760	0.00000	85.00000	0.0	0.0	0.0
				24.89190	0.00000	85.00000	0.0	0.0	0.0
				25.64620	0.00000	85.00000	0.0	0.0	0.0
				26.40050	0.00000	85.00000	0.0	0.0	0.0
				27.15480	0.00000	85.00000	0.0	0.0	0.0
				27.90910	0.00000	85.00000	0.0	0.0	0.0
				28.66340	0.00000	85.00000	0.0	0.0	0.0
				29.41770	0.00000	85.00000	0.0	0.0	0.0
				30.17200	0.00000	85.00000	0.0	0.0	0.0
				30.92630	0.00000	85.00000	0.0	0.0	0.0
				31.68060	0.00000	85.00000	0.0	0.0	0.0
				32.43490	0.00000	85.00000	0.0	0.0	0.0
				33.18920	0.00000	85.00000	0.0	0.0	0.0
				33.94350	0.00000	85.00000	0.0	0.0	0.0
				34.69780	0.00000	85.00000	0.0	0.0	0.0
				35.45210	0.00000	85.00000	0.0	0.0	0.0
				36.20640	0.00000	85.00000	0.0	0.0	0.0
				36.96070	0.00000	85.00000	0.0	0.0	0.0



Highgate Cemetery
B1

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				37.71500	0.00000	85.00000	0.0	0.0	0.0
				38.46930	0.00000	85.00000	0.0	0.0	0.0
				39.22360	0.00000	85.00000	0.0	0.0	0.0
				39.97790	0.00000	85.00000	0.0	0.0	0.0
				40.73220	0.00000	85.00000	0.0	0.0	0.0
				41.48650	0.00000	85.00000	0.0	0.0	0.0
				42.24080	0.00000	85.00000	0.0	0.0	0.0
				42.99510	0.00000	85.00000	0.0	0.0	0.0
				43.74940	0.00000	85.00000	0.0	0.0	0.0
				44.50370	0.00000	85.00000	0.0	0.0	0.0
				45.25800	0.00000	85.00000	0.0	0.0	0.0
				46.01230	0.00000	85.00000	0.0	0.0	0.0
				46.76660	0.00000	85.00000	0.0	0.0	0.0
				47.52090	0.00000	85.00000	0.0	0.0	0.0
				48.27520	0.00000	85.00000	0.0	0.0	0.0
				49.02950	0.00000	85.00000	0.0	0.0	0.0
				49.78380	0.00000	85.00000	0.0	0.0	0.0
				50.53810	0.00000	85.00000	0.0	0.0	0.0
				51.29240	0.00000	85.00000	0.0	0.0	0.0
				52.04670	0.00000	85.00000	0.0	0.0	0.0
				52.80100	0.00000	85.00000	0.0	0.0	0.0
				53.55530	0.00000	85.00000	0.0	0.0	0.0
				54.30960	0.00000	85.00000	0.0	0.0	0.0
				55.06390	0.00000	85.00000	0.0	0.0	0.0
				55.81820	0.00000	85.00000	0.0	0.0	0.0
				56.57250	0.00000	85.00000	0.0	0.0	0.0
				57.32680	0.00000	85.00000	0.0	0.0	0.0
				58.08110	0.00000	85.00000	0.0	0.0	0.0
				58.83540	0.00000	85.00000	0.0	0.0	0.0
				59.58970	0.00000	85.00000	0.0	0.0	0.0
				60.34400	0.00000	85.00000	0.0	0.0	0.0
				61.09830	0.00000	85.00000	0.0	0.0	0.0
				61.85260	0.00000	85.00000	0.0	0.0	0.0
				62.60690	0.00000	85.00000	0.0	0.0	0.0
				63.36120	0.00000	85.00000	0.0	0.0	0.0
				64.11550	0.00000	85.00000	0.0	0.0	0.0
				64.86980	0.00000	85.00000	0.0	0.0	0.0
				65.62410	0.00000	85.00000	0.0	0.0	0.0
				66.37840	0.00000	85.00000	0.0	0.0	0.0
				67.13270	0.00000	85.00000	0.0	0.0	0.0
				67.88700	0.00000	85.00000	0.0	0.0	0.0
				68.64130	0.00000	85.00000	0.0	0.0	0.0
				69.39560	0.00000	85.00000	0.0	0.0	0.0
				70.14990	0.00000	85.00000	0.0	0.0	0.0
				70.90420	0.00000	85.00000	0.0	0.0	0.0
				71.65850	0.00000	85.00000	0.0	0.0	0.0
				72.41280	0.00000	85.00000	0.0	0.0	0.0
				73.16710	0.00000	85.00000	0.0	0.0	0.0
				73.92140	0.00000	85.00000	0.0	0.0	0.0
				74.67570	0.00000	85.00000	0.0	0.0	0.0
				75.43000	0.00000	85.00000	0.0	0.0	0.0
				0.00000	0.72100	85.00000	0.0	0.0	0.0
				0.75430	0.72100	85.00000	0.0	0.0	0.0
				1.50860	0.72100	85.00000	0.0	0.0	0.0
				2.26290	0.72100	85.00000	0.0	0.0	0.0
				3.01720	0.72100	85.00000	0.0	0.0	0.0
				3.77150	0.72100	85.00000	0.0	0.0	0.0
				4.52580	0.72100	85.00000	0.0	0.0	0.0
				5.28010	0.72100	85.00000	0.0	0.0	0.0
				6.03440	0.72100	85.00000	0.0	0.0	0.0
				6.78870	0.72100	85.00000	0.0	0.0	0.0
				7.54300	0.72100	85.00000	0.0	0.0	0.0
				8.29730	0.72100	85.00000	0.0	0.0	0.0
				9.05160	0.72100	85.00000	0.0	0.0	0.0
				9.80590	0.72100	85.00000	0.0	0.0	0.0
				10.56020	0.72100	85.00000	0.0	0.0	0.0
				11.31450	0.72100	85.00000	0.0	0.0	0.0
				12.06880	0.72100	85.00000	0.0	0.0	0.0
				12.82310	0.72100	85.00000	0.0	0.0	0.0
				13.57740	0.72100	85.00000	0.0	0.0	0.0
				14.33170	0.72100	85.00000	0.0	0.0	0.0
				15.08600	0.72100	85.00000	0.0	0.0	0.0
				15.84030	0.72100	85.00000	0.0	0.0	0.0
				16.59460	0.72100	85.00000	0.0	0.0	0.0
				17.34890	0.72100	85.00000	0.0	0.0	0.0
				18.10320	0.72100	85.00000	0.0	0.0	0.0
				18.85750	0.72100	85.00000	0.0	0.0	0.0
				19.61180	0.72100	85.00000	0.0	0.0	0.0
				20.36610	0.72100	85.00000	0.0	0.0	0.0
				21.12040	0.72100	85.00000	0.0	0.0	0.0
				21.87470	0.72100	85.00000	0.0	0.0	0.0
				22.62900	0.72100	85.00000	0.0	0.0	0.0
				23.38330	0.72100	85.00000	0.0	0.0	0.0
				24.13760	0.72100	85.00000	0.0	0.0	0.0
				24.89190	0.72100	85.00000	0.0	0.0	0.0
				25.64620	0.72100	85.00000	0.0	0.0	0.0
				26.40050	0.72100	85.00000	0.0	0.0	0.0
				27.15480	0.72100	85.00000	0.0	0.0	0.0
				27.90910	0.72100	85.00000	0.0	0.0	0.0
				28.66340	0.72100	85.00000	0.0	0.0	0.0
				29.41770	0.72100	85.00000	0.0	0.0	0.0
				30.17200	0.72100	85.00000	0.0	0.0	0.0
				30.92630	0.72100	85.00000	0.0	0.0	0.0
				31.68060	0.72100	85.00000	0.0	0.0	0.0
				32.43490	0.72100	85.00000	0.0	0.0	0.0
				33.18920	0.72100	85.00000	0.0	0.0	0.0
				33.94350	0.72100	85.00000	0.0	0.0	0.0
				34.69780	0.72100	85.00000	0.0	0.0	0.0
				35.45210	0.72100	85.00000	0.0	0.0	0.0
				36.20640	0.72100	85.00000	0.0	0.0	0.0
				36.96070	0.72100	85.00000	0.0	0.0	0.0
				37.71500	0.72100	85.00000	0.0	0.0	0.0
				38.46930	0.72100	85.00000	0.0	0.0	0.0
				39.22360	0.72100	85.00000	0.0	0.0	0.0
				39.97790	0.72100	85.00000	0.0	0.0	0.0
				40.73220	0.72100	85.00000	0.0	0.0	0.0
				41.48650	0.72100	85.00000	0.0	0.0	0.0
				42.24080	0.72100	85.00000	0.0	0.0	0.0
				42.99510	0.72100	85.00000	0.0	0.0	0.0
				43.74940	0.72100	85.00000	0.0	0.0	0.0
				44.50370	0.72100	85.00000	0.0	0.0	0.0
				45.25800	0.72100	85.00000	0.0	0.0	0.0
				46.01230	0.72100	85.00000	0.0	0.0	0.0
				46.76660	0.72100	85.00000	0.0	0.0	0.0
				47.52090	0.72100	85.00000	0.0	0.0	0.0
				48.27520	0.72100	85.00000	0.0	0.0	0.0
				49.02950	0.72100	85.00000	0.0	0.0	0.0
				49.78380	0.72100	85.00000	0.0	0.0	0.0
				50.53810	0.72100	85.00000	0.0	0.0	0.0
				51.29240	0.72100	85.00000	0.0	0.0	0.0
				52.04670	0.72100	85.00000	0.0	0.0	0.0
				52.80100	0.72100	85.00000	0.0	0.0	0.0
				53.55530	0.72100	85.00000	0.0	0.0	0.0
				54.30960	0.72100	85.00000	0.0	0.0	0.0
				55.06390	0.72100	85.00000	0.0	0.0	0.0
				55.81820	0.72100	85.00000	0.0	0.0	0.0
				56.57250	0.72100	85.00000	0.0	0.0	0.0
				57.32680	0.72100	85.00000	0.0	0.0	0.0
				58.08110	0.72100	85.00000	0.0	0.0	0.0
				58.83540	0.72100	85.00000	0.0	0.0	0.0



Highgate Cemetery
B1

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				59.58970	0.72100	85.00000	0.0	0.0	0.0
				60.34400	0.72100	85.00000	0.0	0.0	0.0
				61.09830	0.72100	85.00000	0.0	0.0	0.0
				61.85260	0.72100	85.00000	0.0	0.0	0.0
				62.60690	0.72100	85.00000	0.0	0.0	0.0
				63.36120	0.72100	85.00000	0.0	0.0	0.0
				64.11550	0.72100	85.00000	0.0	0.0	0.0
				64.86980	0.72100	85.00000	0.0	0.0	0.0
				65.62410	0.72100	85.00000	0.0	0.0	0.0
				66.37840	0.72100	85.00000	0.0	0.0	0.0
				67.13270	0.72100	85.00000	0.0	0.0	0.0
				67.88700	0.72100	85.00000	0.0	0.0	0.0
				68.64130	0.72100	85.00000	0.0	0.0	0.0
				69.39560	0.72100	85.00000	0.0	0.0	0.0
				70.14990	0.72100	85.00000	0.0	0.0	0.0
				70.90420	0.72100	85.00000	0.0	0.0	0.0
				71.65850	0.72100	85.00000	0.0	0.0	0.0
				72.41280	0.72100	85.00000	0.0	0.0	0.0
				73.16710	0.72100	85.00000	0.0	0.0	0.0
				73.92140	0.72100	85.00000	0.0	0.0	0.0
				74.67570	0.72100	85.00000	0.0	0.0	0.0
				75.43000	0.72100	85.00000	0.0	0.0	0.0
				0.00000	1.44200	85.00000	0.0	0.0	0.0
				0.75430	1.44200	85.00000	0.0	0.0	0.0
				1.50860	1.44200	85.00000	0.0	0.0	0.0
				2.26290	1.44200	85.00000	0.0	0.0	0.0
				3.01720	1.44200	85.00000	0.0	0.0	0.0
				3.77150	1.44200	85.00000	0.0	0.0	0.0
				4.52580	1.44200	85.00000	0.0	0.0	0.0
				5.28010	1.44200	85.00000	0.0	0.0	0.0
				6.03440	1.44200	85.00000	0.0	0.0	0.0
				6.78870	1.44200	85.00000	0.0	0.0	0.0
				7.54300	1.44200	85.00000	0.0	0.0	0.0
				8.29730	1.44200	85.00000	0.0	0.0	0.0
				9.05160	1.44200	85.00000	0.0	0.0	0.0
				9.80590	1.44200	85.00000	0.0	0.0	0.0
				10.56020	1.44200	85.00000	0.0	0.0	0.0
				11.31450	1.44200	85.00000	0.0	0.0	0.0
				12.06880	1.44200	85.00000	0.0	0.0	0.0
				12.82310	1.44200	85.00000	0.0	0.0	0.0
				13.57740	1.44200	85.00000	0.0	0.0	0.0
				14.33170	1.44200	85.00000	0.0	0.0	0.0
				15.08600	1.44200	85.00000	0.0	0.0	0.0
				15.84030	1.44200	85.00000	0.0	0.0	0.0
				16.59460	1.44200	85.00000	0.0	0.0	0.0
				17.34890	1.44200	85.00000	0.0	0.0	0.0
				18.10320	1.44200	85.00000	0.0	0.0	0.0
				18.85750	1.44200	85.00000	0.0	0.0	0.0
				19.61180	1.44200	85.00000	0.0	0.0	0.0
				20.36610	1.44200	85.00000	0.0	0.0	0.0
				21.12040	1.44200	85.00000	0.0	0.0	0.0
				21.87470	1.44200	85.00000	0.0	0.0	0.0
				22.62900	1.44200	85.00000	0.0	0.0	0.0
				23.38330	1.44200	85.00000	0.0	0.0	0.0
				24.13760	1.44200	85.00000	0.0	0.0	0.0
				24.89190	1.44200	85.00000	0.0	0.0	0.0
				25.64620	1.44200	85.00000	0.0	0.0	0.0
				26.40050	1.44200	85.00000	0.0	0.0	0.0
				27.15480	1.44200	85.00000	0.0	0.0	0.0
				27.90910	1.44200	85.00000	0.0	0.0	0.0
				28.66340	1.44200	85.00000	0.0	0.0	0.0
				29.41770	1.44200	85.00000	0.0	0.0	0.0
				30.17200	1.44200	85.00000	0.0	0.0	0.0
				30.92630	1.44200	85.00000	0.0	0.0	0.0
				31.68060	1.44200	85.00000	0.0	0.0	0.0
				32.43490	1.44200	85.00000	0.0	0.0	0.0
				33.18920	1.44200	85.00000	0.0	0.0	0.0
				33.94350	1.44200	85.00000	0.0	0.0	0.0
				34.69780	1.44200	85.00000	0.0	0.0	0.0
				35.45210	1.44200	85.00000	0.0	0.0	0.0
				36.20640	1.44200	85.00000	0.0	0.0	0.0
				36.96070	1.44200	85.00000	0.0	0.0	0.0
				37.71500	1.44200	85.00000	0.0	0.0	0.0
				38.46930	1.44200	85.00000	0.0	0.0	0.0
				39.22360	1.44200	85.00000	0.0	0.0	0.0
				39.97790	1.44200	85.00000	0.0	0.0	0.0
				40.73220	1.44200	85.00000	0.0	0.0	0.0
				41.48650	1.44200	85.00000	0.0	0.0	0.0
				42.24080	1.44200	85.00000	0.0	0.0	0.0
				42.99510	1.44200	85.00000	0.0	0.0	0.0
				43.74940	1.44200	85.00000	0.0	0.0	0.0
				44.50370	1.44200	85.00000	0.0	0.0	0.0
				45.25800	1.44200	85.00000	0.0	0.0	0.0
				46.01230	1.44200	85.00000	0.0	0.0	0.0
				46.76660	1.44200	85.00000	0.0	0.0	0.0
				47.52090	1.44200	85.00000	0.0	0.0	0.0
				48.27520	1.44200	85.00000	0.0	0.0	0.0
				49.02950	1.44200	85.00000	0.0	0.0	0.0
				49.78380	1.44200	85.00000	0.0	0.0	0.0
				50.53810	1.44200	85.00000	0.0	0.0	0.0
				51.29240	1.44200	85.00000	0.0	0.0	0.0
				52.04670	1.44200	85.00000	0.0	0.0	0.0
				52.80100	1.44200	85.00000	0.0	0.0	0.0
				53.55530	1.44200	85.00000	0.0	0.0	0.0
				54.30960	1.44200	85.00000	0.0	0.0	0.0
				55.06390	1.44200	85.00000	0.0	0.0	0.0
				55.81820	1.44200	85.00000	0.0	0.0	0.0
				56.57250	1.44200	85.00000	0.0	0.0	0.0
				57.32680	1.44200	85.00000	0.0	0.0	0.0
				58.08110	1.44200	85.00000	0.0	0.0	0.0
				58.83540	1.44200	85.00000	0.0	0.0	0.0
				59.58970	1.44200	85.00000	0.0	0.0	0.0
				60.34400	1.44200	85.00000	0.0	0.0	0.0
				61.09830	1.44200	85.00000	0.0	0.0	0.0
				61.85260	1.44200	85.00000	0.0	0.0	0.0
				62.60690	1.44200	85.00000	0.0	0.0	0.0
				63.36120	1.44200	85.00000	0.0	0.0	0.0
				64.11550	1.44200	85.00000	0.0	0.0	0.0
				64.86980	1.44200	85.00000	0.0	0.0	0.0
				65.62410	1.44200	85.00000	0.0	0.0	0.0
				66.37840	1.44200	85.00000	0.0	0.0	0.0
				67.13270	1.44200	85.00000	0.0	0.0	0.0
				67.88700	1.44200	85.00000	0.0	0.0	0.0
				68.64130	1.44200	85.00000	0.0	0.0	0.0
				69.39560	1.44200	85.00000	0.0	0.0	0.0
				70.14990	1.44200	85.00000	0.0	0.0	0.0
				70.90420	1.44200	85.00000	0.0	0.0	0.0
				71.65850	1.44200	85.00000	0.0	0.0	0.0
				72.41280	1.44200	85.00000	0.0	0.0	0.0
				73.16710	1.44200	85.00000	0.0	0.0	0.0
				73.92140	1.44200	85.00000	0.0	0.0	0.0
				74.67570	1.44200	85.00000	0.0	0.0	0.0
				75.43000	1.44200	85.00000	0.0	0.0	0.0
				0.00000	2.16300	85.00000	0.0	0.0	0.0
				0.75430	2.16300	85.00000	0.0	0.0	0.0
				1.50860	2.16300	85.00000	0.0	0.0	0.0
				2.26290	2.16300	85.00000	0.0	0.0	0.0
				3.01720	2.16300	85.00000	0.0	0.0	0.0
				3.77150	2.16300	85.00000	0.0	0.0	0.0
				4.52580	2.16300	85.00000	0.0	0.0	0.0

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked Date	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				5.28010	2.16300	85.00000	0.0	0.0	0.0						
				6.03440	2.16300	85.00000	0.0	0.0	0.0						
				6.78870	2.16300	85.00000	0.0	0.0	0.0						
				7.54300	2.16300	85.00000	0.0	0.0	0.0						
				8.29730	2.16300	85.00000	0.0	0.0	0.0						
				9.05160	2.16300	85.00000	0.0	0.0	0.0						
				9.80590	2.16300	85.00000	0.0	0.0	0.0						
				10.56020	2.16300	85.00000	0.0	0.0	0.0						
				11.31450	2.16300	85.00000	0.0	0.0	0.0						
				12.06880	2.16300	85.00000	0.0	0.0	0.0						
				12.82310	2.16300	85.00000	0.0	0.0	0.0						
				13.57740	2.16300	85.00000	0.0	0.0	0.0						
				14.33170	2.16300	85.00000	0.0	0.0	0.0						
				15.08600	2.16300	85.00000	0.0	0.0	0.0						
				15.84030	2.16300	85.00000	0.0	0.0	0.0						
				16.59460	2.16300	85.00000	0.0	0.0	0.0						
				17.34890	2.16300	85.00000	0.0	0.0	0.0						
				18.10320	2.16300	85.00000	0.0	0.0	0.0						
				18.85750	2.16300	85.00000	0.0	0.0	0.0						
				19.61180	2.16300	85.00000	0.0	0.0	0.0						
				20.36610	2.16300	85.00000	0.0	0.0	0.0						
				21.12040	2.16300	85.00000	0.0	0.0	0.0						
				21.87470	2.16300	85.00000	0.0	0.0	0.0						
				22.62900	2.16300	85.00000	0.0	0.0	0.0						
				23.38330	2.16300	85.00000	0.0	0.0	0.0						
				24.13760	2.16300	85.00000	0.0	0.0	0.0						
				24.89190	2.16300	85.00000	0.0	0.0	0.0						
				25.64620	2.16300	85.00000	0.0	0.0	0.0						
				26.40050	2.16300	85.00000	0.0	0.0	0.0						
				27.15480	2.16300	85.00000	0.0	0.0	0.0						
				27.90910	2.16300	85.00000	0.0	0.0	0.0						
				28.66340	2.16300	85.00000	0.0	0.0	0.0						
				29.41770	2.16300	85.00000	0.0	0.0	0.0						
				30.17200	2.16300	85.00000	0.0	0.0	0.0						
				30.92630	2.16300	85.00000	0.0	0.0	0.0						
				31.68060	2.16300	85.00000	0.0	0.0	0.0						
				32.43490	2.16300	85.00000	0.0	0.0	0.0						
				33.18920	2.16300	85.00000	0.0	0.0	0.0						
				33.94350	2.16300	85.00000	0.0	0.0	0.0						
				34.69780	2.16300	85.00000	0.0	0.0	0.0						
				35.45210	2.16300	85.00000	0.0	0.0	0.0						
				36.20640	2.16300	85.00000	0.0	0.0	0.0						
				36.96070	2.16300	85.00000	0.0	0.0	0.0						
				37.71500	2.16300	85.00000	0.0	0.0	0.0						
				38.46930	2.16300	85.00000	0.0	0.0	0.0						
				39.22360	2.16300	85.00000	0.0	0.0	0.0						
				39.97790	2.16300	85.00000	0.0	0.0	0.0						
				40.73220	2.16300	85.00000	0.0	0.0	0.0						
				41.48650	2.16300	85.00000	0.0	0.0	0.0						
				42.24080	2.16300	85.00000	0.0	0.0	0.0						
				42.99510	2.16300	85.00000	0.0	0.0	0.0						
				43.74940	2.16300	85.00000	0.0	0.0	0.0						
				44.50370	2.16300	85.00000	0.0	0.0	0.0						
				45.25800	2.16300	85.00000	0.0	0.0	0.0						
				46.01230	2.16300	85.00000	0.0	0.0	0.0						
				46.76660	2.16300	85.00000	0.0	0.0	0.0						
				47.52090	2.16300	85.00000	0.0	0.0	0.0						
				48.27520	2.16300	85.00000	0.0	0.0	0.0						
				49.02950	2.16300	85.00000	0.0	0.0	0.0						
				49.78380	2.16300	85.00000	0.0	0.0	0.0						
				50.53810	2.16300	85.00000	0.0	0.0	0.0						
				51.29240	2.16300	85.00000	0.0	0.0	0.0						
				52.04670	2.16300	85.00000	0.0	0.0	0.0						
				52.80100	2.16300	85.00000	0.0	0.0	0.0						
				53.55530	2.16300	85.00000	0.0	0.0	0.0						
				54.30960	2.16300	85.00000	0.0	0.0	0.0						
				55.06390	2.16300	85.00000	0.0	0.0	0.0						
				55.81820	2.16300	85.00000	0.0	0.0	0.0						
				56.57250	2.16300	85.00000	0.0	0.0	0.0						
				57.32680	2.16300	85.00000	0.0	0.0	0.0						
				58.08110	2.16300	85.00000	0.0	0.0	0.0						
				58.83540	2.16300	85.00000	0.0	0.0	0.0						
				59.58970	2.16300	85.00000	0.0	0.0	0.0						
				60.34400	2.16300	85.00000	0.0	0.0	0.0						
				61.09830	2.16300	85.00000	0.0	0.0	0.0						
				61.85260	2.16300	85.00000	0.0	0.0	0.0						
				62.60690	2.16300	85.00000	0.0	0.0	0.0						
				63.36120	2.16300	85.00000	0.0	0.0	0.0						
				64.11550	2.16300	85.00000	0.0	0.0	0.0						
				64.86980	2.16300	85.00000	0.0	0.0	0.0						
				65.62410	2.16300	85.00000	0.0	0.0	0.0						
				66.37840	2.16300	85.00000	0.0	0.0	0.0						
				67.13270	2.16300	85.00000	0.0	0.0	0.0						
				67.88700	2.16300	85.00000	0.0	0.0	0.0						
				68.64130	2.16300	85.00000	0.0	0.0	0.0						
				69.39560	2.16300	85.00000	0.0	0.0	0.0						
				70.14990	2.16300	85.00000	0.0	0.0	0.0						
				70.90420	2.16300	85.00000	0.0	0.0	0.0						
				71.65850	2.16300	85.00000	0.0	0.0	0.0						
				72.41280	2.16300	85.00000	0.0	0.0	0.0						
				73.16710	2.16300	85.00000	0.0	0.0	0.0						
				73.92140	2.16300	85.00000	0.0	0.0	0.0						
				74.67570	2.16300	85.00000	0.0	0.0	0.0						
				75.43000	2.16300	85.00000	0.0	0.0	0.0						
				0.00000	2.88400	85.00000	0.0	0.0	0.0						
				0.75430	2.88400	85.00000	0.0	0.0	0.0						
				1.50860	2.88400	85.00000	0.0	0.0	0.0						
				2.26290	2.88400	85.00000	0.0	0.0	0.0						
				3.01720	2.88400	85.00000	0.0	0.0	0.0						
				3.77150	2.88400	85.00000	0.0	0.0	0.0						
				4.52580	2.88400	85.00000	0.0	0.0	0.0						
				5.28010	2.88400	85.00000	0.0	0.0	0.0						
				6.03440	2.88400	85.00000	0.0	0.0	0.0						
				6.78870	2.88400	85.00000	0.0	0.0	0.0						
				7.54300	2.88400	85.00000	0.0	0.0	0.0						
				8.29730	2.88400	85.00000	0.0	0.0	0.0						
				9.05160	2.88400	85.00000	0.0	0.0	0.0						
				9.80590	2.88400	85.00000	0.0	0.0	0.0						
				10.56020	2.88400	85.00000	0.0	0.0	0.0						
				11.31450	2.88400	85.00000	0.0	0.0	0.0						
				12.06880	2.88400	85.00000	0.0	0.0	0.0						
				12.82310	2.88400	85.00000	0.0	0.0	0.0						
				13.57740	2.88400	85.00000	0.0	0.0	0.0						
				14.33170	2.88400	85.00000	0.0	0.0	0.0						
				15.08600	2.88400	85.00000	0.0	0.0	0.0						
				15.84030	2.88400	85.00000	0.0	0.0	0.0						
				16.59460	2.88400	85.00000	0.0	0.0	0.0						
				17.34890	2.88400	85.00000	0.0	0.0	0.0						
				18.10320	2.88400	85.00000	0.0	0.0	0.0						
				18.85750	2.88400	85.00000	0.0	0.0	0.0						
				19.61180	2.88400	85.00000	0.0	0.0	0.0						
				20.36610	2.88400	85.00000	0.0	0.0	0.0						
				21.12040	2.88400	85.00000	0.0	0.0	0.0						
				21.87470	2.88400	85.00000	0.0	0.0	0.0						
				22.62900	2.88400	85.00000	0.0	0.0	0.0						
				23.38330	2.88400	85.00000	0.0	0.0	0.0						
				24.13760											



Highgate Cemetery
B1

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				27.15480	2.88400	85.00000	0.0	0.0	0.0
				27.90910	2.88400	85.00000	0.0	0.0	0.0
				28.66340	2.88400	85.00000	0.0	0.0	0.0
				29.41770	2.88400	85.00000	0.0	0.0	0.0
				30.17200	2.88400	85.00000	0.0	0.0	0.0
				30.92630	2.88400	85.00000	0.0	0.0	0.0
				31.68060	2.88400	85.00000	0.0	0.0	0.0
				32.43490	2.88400	85.00000	0.0	0.0	0.0
				33.18920	2.88400	85.00000	0.0	0.0	0.0
				33.94350	2.88400	85.00000	0.0	0.0	0.0
				34.69780	2.88400	85.00000	0.0	0.0	0.0
				35.45210	2.88400	85.00000	0.0	0.0	0.0
				36.20640	2.88400	85.00000	0.0	0.0	0.0
				36.96070	2.88400	85.00000	0.0	0.0	0.0
				37.71500	2.88400	85.00000	0.0	0.0	0.0
				38.46930	2.88400	85.00000	0.0	0.0	0.0
				39.22360	2.88400	85.00000	0.0	0.0	0.0
				39.97790	2.88400	85.00000	0.0	0.0	0.0
				40.73220	2.88400	85.00000	0.0	0.0	0.0
				41.48650	2.88400	85.00000	0.0	0.0	0.0
				42.24080	2.88400	85.00000	0.0	0.0	0.0
				42.99510	2.88400	85.00000	0.0	0.0	0.0
				43.74940	2.88400	85.00000	0.0	0.0	0.0
				44.50370	2.88400	85.00000	0.0	0.0	0.0
				45.25800	2.88400	85.00000	0.0	0.0	0.0
				46.01230	2.88400	85.00000	0.0	0.0	0.0
				46.76660	2.88400	85.00000	0.0	0.0	0.0
				47.52090	2.88400	85.00000	0.0	0.0	0.0
				48.27520	2.88400	85.00000	0.0	0.0	0.0
				49.02950	2.88400	85.00000	0.0	0.0	0.0
				49.78380	2.88400	85.00000	0.0	0.0	0.0
				50.53810	2.88400	85.00000	0.0	0.0	0.0
				51.29240	2.88400	85.00000	0.0	0.0	0.0
				52.04670	2.88400	85.00000	0.0	0.0	0.0
				52.80100	2.88400	85.00000	0.0	0.0	0.0
				53.55530	2.88400	85.00000	0.0	0.0	0.0
				54.30960	2.88400	85.00000	0.0	0.0	0.0
				55.06390	2.88400	85.00000	0.0	0.0	0.0
				55.81820	2.88400	85.00000	0.0	0.0	0.0
				56.57250	2.88400	85.00000	0.0	0.0	0.0
				57.32680	2.88400	85.00000	0.0	0.0	0.0
				58.08110	2.88400	85.00000	0.0	0.0	0.0
				58.83540	2.88400	85.00000	0.0	0.0	0.0
				59.58970	2.88400	85.00000	0.0	0.0	0.0
				60.34400	2.88400	85.00000	0.0	0.0	0.0
				61.09830	2.88400	85.00000	0.0	0.0	0.0
				61.85260	2.88400	85.00000	0.0	0.0	0.0
				62.60690	2.88400	85.00000	0.0	0.0	0.0
				63.36120	2.88400	85.00000	0.0	0.0	0.0
				64.11550	2.88400	85.00000	0.0	0.0	0.0
				64.86980	2.88400	85.00000	0.0	0.0	0.0
				65.62410	2.88400	85.00000	0.0	0.0	0.0
				66.37840	2.88400	85.00000	0.0	0.0	0.0
				67.13270	2.88400	85.00000	0.0	0.0	0.0
				67.88700	2.88400	85.00000	0.0	0.0	0.0
				68.64130	2.88400	85.00000	0.0	0.0	0.0
				69.39560	2.88400	85.00000	0.0	0.0	0.0
				70.14990	2.88400	85.00000	0.0	0.0	0.0
				70.90420	2.88400	85.00000	0.0	0.0	0.0
				71.65850	2.88400	85.00000	0.0	0.0	0.0
				72.41280	2.88400	85.00000	0.0	0.0	0.0
				73.16710	2.88400	85.00000	0.0	0.0	0.0
				73.92140	2.88400	85.00000	0.0	0.0	0.0
				74.67570	2.88400	85.00000	0.0	0.0	0.0
				75.43000	2.88400	85.00000	0.0	0.0	0.0
				0.00000	3.60500	85.00000	0.0	0.0	0.0
				0.75430	3.60500	85.00000	0.0	0.0	0.0
				1.50860	3.60500	85.00000	0.0	0.0	0.0
				2.26290	3.60500	85.00000	0.0	0.0	0.0
				3.01720	3.60500	85.00000	0.0	0.0	0.0
				3.77150	3.60500	85.00000	0.0	0.0	0.0
				4.52580	3.60500	85.00000	0.0	0.0	0.0
				5.28010	3.60500	85.00000	0.0	0.0	0.0
				6.03440	3.60500	85.00000	0.0	0.0	0.0
				6.78870	3.60500	85.00000	0.0	0.0	0.0
				7.54300	3.60500	85.00000	0.0	0.0	0.0
				8.29730	3.60500	85.00000	0.0	0.0	0.0
				9.05160	3.60500	85.00000	0.0	0.0	0.0
				9.80590	3.60500	85.00000	0.0	0.0	0.0
				10.56020	3.60500	85.00000	0.0	0.0	0.0
				11.31450	3.60500	85.00000	0.0	0.0	0.0
				12.06880	3.60500	85.00000	0.0	0.0	0.0
				12.82310	3.60500	85.00000	0.0	0.0	0.0
				13.57740	3.60500	85.00000	0.0	0.0	0.0
				14.33170	3.60500	85.00000	0.0	0.0	0.0
				15.08600	3.60500	85.00000	0.0	0.0	0.0
				15.84030	3.60500	85.00000	0.0	0.0	0.0
				16.59460	3.60500	85.00000	0.0	0.0	0.0
				17.34890	3.60500	85.00000	0.0	0.0	0.0
				18.10320	3.60500	85.00000	0.0	0.0	0.0
				18.85750	3.60500	85.00000	0.0	0.0	0.0
				19.61180	3.60500	85.00000	0.0	0.0	0.0
				20.36610	3.60500	85.00000	0.0	0.0	0.0
				21.12040	3.60500	85.00000	0.0	0.0	0.0
				21.87470	3.60500	85.00000	0.0	0.0	0.0
				22.62900	3.60500	85.00000	0.0	0.0	0.0
				23.38330	3.60500	85.00000	0.0	0.0	0.0
				24.13760	3.60500	85.00000	0.0	0.0	0.0
				24.89190	3.60500	85.00000	0.0	0.0	0.0
				25.64620	3.60500	85.00000	0.0	0.0	0.0
				26.40050	3.60500	85.00000	0.0	0.0	0.0
				27.15480	3.60500	85.00000	0.0	0.0	0.0
				27.90910	3.60500	85.00000	0.0	0.0	0.0
				28.66340	3.60500	85.00000	0.0	0.0	0.0
				29.41770	3.60500	85.00000	0.0	0.0	0.0
				30.17200	3.60500	85.00000	0.0	0.0	0.0
				30.92630	3.60500	85.00000	0.0	0.0	0.0
				31.68060	3.60500	85.00000	0.0	0.0	0.0
				32.43490	3.60500	85.00000	0.0	0.0	0.0
				33.18920	3.60500	85.00000	0.0	0.0	0.0
				33.94350	3.60500	85.00000	0.0	0.0	0.0
				34.69780	3.60500	85.00000	0.0	0.0	0.0
				35.45210	3.60500	85.00000	0.0	0.0	0.0
				36.20640	3.60500	85.00000	0.0	0.0	0.0
				36.96070	3.60500	85.00000	0.0	0.0	0.0
				37.71500	3.60500	85.00000	0.0	0.0	0.0
				38.46930	3.60500	85.00000	0.0	0.0	0.0
				39.22360	3.60500	85.00000	0.0	0.0	0.0
				39.97790	3.60500	85.00000	0.0	0.0	0.0
				40.73220	3.60500	85.00000	0.0	0.0	0.0
				41.48650	3.60500	85.00000	0.0	0.0	0.0
				42.24080	3.60500	85.00000	0.0	0.0	0.0
				42.99510	3.60500	85.00000	0.0	0.0	0.0
				43.74940	3.60500	85.00000	0.0	0.0	0.0
				44.50370	3.60500	85.00000	0.0	0.0	0.0
				45.25800	3.60500	85.00000	0.0	0.0	0.0
				46.01230	3.60500	85.00000	0.0	0.0	0.0
				46.76660	3.60500	85.00000	0.0	0.0	0.0
				47.52090	3.60500	85.00000	0.0	0.0	0.0
				48.27520	3.60500	85.00000	0.0	0.0	0.0

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.
										3500				
										Drg. Ref.				
										Made by PES		Date 01-Nov-2024		Checked Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz					
				[m]	[m]	[m]	[mm]	[mm]	[mm]					
				49.02950	3.60500	85.00000	0.0	0.0	0.0					
				49.78380	3.60500	85.00000	0.0	0.0	0.0					
				50.53810	3.60500	85.00000	0.0	0.0	0.0					
				51.29240	3.60500	85.00000	0.0	0.0	0.0					
				52.04670	3.60500	85.00000	0.0	0.0	0.0					
				52.80100	3.60500	85.00000	0.0	0.0	0.0					
				53.55530	3.60500	85.00000	0.0	0.0	0.0					
				54.30960	3.60500	85.00000	0.0	0.0	0.0					
				55.06390	3.60500	85.00000	0.0	0.0	0.0					
				55.81820	3.60500	85.00000	0.0	0.0	0.0					
				56.57250	3.60500	85.00000	0.0	0.0	0.0					
				57.32680	3.60500	85.00000	0.0	0.0	0.0					
				58.08110	3.60500	85.00000	0.0	0.0	0.0					
				58.83540	3.60500	85.00000	0.0	0.0	0.0					
				59.58970	3.60500	85.00000	0.0	0.0	0.0					
				60.34400	3.60500	85.00000	0.0	0.0	0.0					
				61.09830	3.60500	85.00000	0.0	0.0	0.0					
				61.85260	3.60500	85.00000	0.0	0.0	0.0					
				62.60690	3.60500	85.00000	0.0	0.0	0.0					
				63.36120	3.60500	85.00000	0.0	0.0	0.0					
				64.11550	3.60500	85.00000	0.0	0.0	0.0					
				64.86980	3.60500	85.00000	0.0	0.0	0.0					
				65.62410	3.60500	85.00000	0.0	0.0	0.0					
				66.37840	3.60500	85.00000	0.0	0.0	0.0					
				67.13270	3.60500	85.00000	0.0	0.0	0.0					
				67.88700	3.60500	85.00000	0.0	0.0	0.0					
				68.64130	3.60500	85.00000	0.0	0.0	0.0					
				69.39560	3.60500	85.00000	0.0	0.0	0.0					
				70.14990	3.60500	85.00000	0.0	0.0	0.0					
				70.90420	3.60500	85.00000	0.0	0.0	0.0					
				71.65850	3.60500	85.00000	0.0	0.0	0.0					
				72.41280	3.60500	85.00000	0.0	0.0	0.0					
				73.16710	3.60500	85.00000	0.0	0.0	0.0					
				73.92140	3.60500	85.00000	0.0	0.0	0.0					
				74.67570	3.60500	85.00000	0.0	0.0	0.0					
				75.43000	3.60500	85.00000	0.0	0.0	0.0					
				0.00000	4.32600	85.00000	0.0	0.0	0.0					
				0.75430	4.32600	85.00000	0.0	0.0	0.0					
				1.50860	4.32600	85.00000	0.0	0.0	0.0					
				2.26290	4.32600	85.00000	0.0	0.0	0.0					
				3.01720	4.32600	85.00000	0.0	0.0	0.0					
				3.77150	4.32600	85.00000	0.0	0.0	0.0					
				4.52580	4.32600	85.00000	0.0	0.0	0.0					
				5.28010	4.32600	85.00000	0.0	0.0	0.0					
				6.03440	4.32600	85.00000	0.0	0.0	0.0					
				6.78870	4.32600	85.00000	0.0	0.0	0.0					
				7.54300	4.32600	85.00000	0.0	0.0	0.0					
				8.29730	4.32600	85.00000	0.0	0.0	0.0					
				9.05160	4.32600	85.00000	0.0	0.0	0.0					
				9.80590	4.32600	85.00000	0.0	0.0	0.0					
				10.56020	4.32600	85.00000	0.0	0.0	0.0					
				11.31450	4.32600	85.00000	0.0	0.0	0.0					
				12.06880	4.32600	85.00000	0.0	0.0	0.0					
				12.82310	4.32600	85.00000	0.0	0.0	0.0					
				13.57740	4.32600	85.00000	0.0	0.0	0.0					
				14.33170	4.32600	85.00000	0.0	0.0	0.0					
				15.08600	4.32600	85.00000	0.0	0.0	0.0					
				15.84030	4.32600	85.00000	0.0	0.0	0.0					
				16.59460	4.32600	85.00000	0.0	0.0	0.0					
				17.34890	4.32600	85.00000	0.0	0.0	0.0					
				18.10320	4.32600	85.00000	0.0	0.0	0.0					
				18.85750	4.32600	85.00000	0.0	0.0	0.0					
				19.61180	4.32600	85.00000	0.0	0.0	0.0					
				20.36610	4.32600	85.00000	0.0	0.0	0.0					
				21.12040	4.32600	85.00000	0.0	0.0	0.0					
				21.87470	4.32600	85.00000	0.0	0.0	0.0					
				22.62900	4.32600	85.00000	0.0	0.0	0.0					
				23.38330	4.32600	85.00000	0.0	0.0	0.0					
				24.13760	4.32600	85.00000	0.0	0.0	0.0					
				24.89190	4.32600	85.00000	0.0	0.0	0.0					
				25.64620	4.32600	85.00000	0.0	0.0	0.0					
				26.40050	4.32600	85.00000	0.0	0.0	0.0					
				27.15480	4.32600	85.00000	0.0	0.0	0.0					
				27.90910	4.32600	85.00000	0.0	0.0	0.0					
				28.66340	4.32600	85.00000	0.0	0.0	0.0					
				29.41770	4.32600	85.00000	0.0	0.0	0.0					
				30.17200	4.32600	85.00000	0.0	0.0	0.0					
				30.92630	4.32600	85.00000	0.0	0.0	0.0					
				31.68060	4.32600	85.00000	0.0	0.0	0.0					
				32.43490	4.32600	85.00000	0.0	0.0	0.0					
				33.18920	4.32600	85.00000	0.0	0.0	0.0					
				33.94350	4.32600	85.00000	0.0	0.0	0.0					
				34.69780	4.32600	85.00000	0.0	0.0	0.0					
				35.45210	4.32600	85.00000	0.0	0.0	0.0					
				36.20640	4.32600	85.00000	0.0	0.0	0.0					
				36.96070	4.32600	85.00000	0.0	0.0	0.0					
				37.71500	4.32600	85.00000	0.0	0.0	0.0					
				38.46930	4.32600	85.00000	0.0	0.0	0.0					
				39.22360	4.32600	85.00000	0.0	0.0	0.0					
				39.97790	4.32600	85.00000	0.0	0.0	0.0					
				40.73220	4.32600	85.00000	0.0	0.0	0.0					
				41.48650	4.32600	85.00000	0.0	0.0	0.0					
				42.24080	4.32600	85.00000	0.0	0.0	0.0					
				42.99510	4.32600	85.00000	0.0	0.0	0.0					
				43.74940	4.32600	85.00000	0.0	0.0	0.0					
				44.50370	4.32600	85.00000	0.0	0.0	0.0					
				45.25800	4.32600	85.00000	0.0	0.0	0.0					
				46.01230	4.32600	85.00000	0.0	0.0	0.0					
				46.76660	4.32600	85.00000	0.0	0.0	0.0					
				47.52090	4.32600	85.00000	0.0	0.0	0.0					
				48.27520	4.32600	85.00000	0.0	0.0	0.0					
				49.02950	4.32600	85.00000	0.0	0.0	0.0					
				49.78380	4.32600	85.00000	0.0	0.0	0.0					
				50.53810	4.32600	85.00000	0.0	0.0	0.0					
				51.29240	4.32600	85.00000	0.0	0.0	0.0					
				52.04670	4.32600	85.00000	0.0	0.0	0.0					
				52.80100	4.32600	85.00000	0.0	0.0	0.0					
				53.55530	4.32600	85.00000	0.0	0.0	0.0					
				54.30960	4.32600	85.00000	0.0	0.0	0.0					
				55.06390	4.32600	85.00000	0.0	0.0	0.0					
				55.81820	4.32600	85.00000	0.0	0.0	0.0					
				56.57250	4.32600	85.00000	0.0	0.0	0.0					
				57.32680	4.32600	85.00000	0.0	0.0	0.0					
				58.08110	4.32600	85.00000	0.0	0.0	0.0					
				58.83540	4.32600	85.00000	0.0	0.0	0.0					
				59.58970	4.32600	85.00000	0.0	0.0	0.0					
				60.34400	4.32600	85.00000	0.0	0.0	0.0					
				61.09830	4.32600	85.00000	0.0	0.0	0.0					
				61.85260	4.32600	85.00000	0.0	0.0	0.0					
				62.60690	4.32600	85.00000	0.0	0.0	0.0					
				63.36120	4.32600	85.00000	0.0	0.0	0.0					
				64.11550	4.32600	85.00000	0.0	0.0	0.0					
				64.86980	4.32600	85.00000	0.0	0.0	0.0					
				65.62410	4.32600	85.00000	0.0	0.0	0.0					
				66.37840	4.32600	85.00000	0.0	0.0	0.0					
				67.13270	4.32600	85.00000	0.0	0.0	0.0					
				67.88700										

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				70.90420	4.32600	85.00000	0.0	0.0	0.0
				71.65850	4.32600	85.00000	0.0	0.0	0.0
				72.41280	4.32600	85.00000	0.0	0.0	0.0
				73.16710	4.32600	85.00000	0.0	0.0	0.0
				73.92140	4.32600	85.00000	0.0	0.0	0.0
				74.67570	4.32600	85.00000	0.0	0.0	0.0
				75.43000	4.32600	85.00000	0.0	0.0	0.0
				0.00000	5.04700	85.00000	0.0	0.0	0.0
				0.75430	5.04700	85.00000	0.0	0.0	0.0
				1.50860	5.04700	85.00000	0.0	0.0	0.0
				2.26290	5.04700	85.00000	0.0	0.0	0.0
				3.01720	5.04700	85.00000	0.0	0.0	0.0
				3.77150	5.04700	85.00000	0.0	0.0	0.0
				4.52580	5.04700	85.00000	0.0	0.0	0.0
				5.28010	5.04700	85.00000	0.0	0.0	0.0
				6.03440	5.04700	85.00000	0.0	0.0	0.0
				6.78870	5.04700	85.00000	0.0	0.0	0.0
				7.54300	5.04700	85.00000	0.0	0.0	0.0
				8.29730	5.04700	85.00000	0.0	0.0	0.0
				9.05160	5.04700	85.00000	0.0	0.0	0.0
				9.80590	5.04700	85.00000	0.0	0.0	0.0
				10.56020	5.04700	85.00000	0.0	0.0	0.0
				11.31450	5.04700	85.00000	0.0	0.0	0.0
				12.06880	5.04700	85.00000	0.0	0.0	0.0
				12.82310	5.04700	85.00000	0.0	0.0	0.0
				13.57740	5.04700	85.00000	0.0	0.0	0.0
				14.33170	5.04700	85.00000	0.0	0.0	0.0
				15.08600	5.04700	85.00000	0.0	0.0	0.0
				15.84030	5.04700	85.00000	0.0	0.0	0.0
				16.59460	5.04700	85.00000	0.0	0.0	0.0
				17.34890	5.04700	85.00000	0.0	0.0	0.0
				18.10320	5.04700	85.00000	0.0	0.0	0.0
				18.85750	5.04700	85.00000	0.0	0.0	0.0
				19.61180	5.04700	85.00000	0.0	0.0	0.0
				20.36610	5.04700	85.00000	0.0	0.0	0.0
				21.12040	5.04700	85.00000	0.0	0.0	0.0
				21.87470	5.04700	85.00000	0.0	0.0	0.0
				22.62900	5.04700	85.00000	0.0	0.0	0.0
				23.38330	5.04700	85.00000	0.0	0.0	0.0
				24.13760	5.04700	85.00000	0.0	0.0	0.0
				24.89190	5.04700	85.00000	0.0	0.0	0.0
				25.64620	5.04700	85.00000	0.0	0.0	0.0
				26.40050	5.04700	85.00000	0.0	0.0	0.0
				27.15480	5.04700	85.00000	0.0	0.0	0.0
				27.90910	5.04700	85.00000	0.0	0.0	0.0
				28.66340	5.04700	85.00000	0.0	0.0	0.0
				29.41770	5.04700	85.00000	0.0	0.0	0.0
				30.17200	5.04700	85.00000	0.0	0.0	0.0
				30.92630	5.04700	85.00000	0.0	0.0	0.0
				31.68060	5.04700	85.00000	0.0	0.0	0.0
				32.43490	5.04700	85.00000	0.0	0.0	0.0
				33.18920	5.04700	85.00000	0.0	0.0	0.0
				33.94350	5.04700	85.00000	0.0	0.0	0.0
				34.69780	5.04700	85.00000	0.0	0.0	0.0
				35.45210	5.04700	85.00000	0.0	0.0	0.0
				36.20640	5.04700	85.00000	0.0	0.0	0.0
				36.96070	5.04700	85.00000	0.0	0.0	0.0
				37.71500	5.04700	85.00000	0.0	0.0	0.0
				38.46930	5.04700	85.00000	0.0	0.0	0.0
				39.22360	5.04700	85.00000	0.0	0.0	0.0
				39.97790	5.04700	85.00000	0.0	0.0	0.0
				40.73220	5.04700	85.00000	0.0	0.0	0.0
				41.48650	5.04700	85.00000	0.0	0.0	0.0
				42.24080	5.04700	85.00000	0.0	0.0	0.0
				42.99510	5.04700	85.00000	0.0	0.0	0.0
				43.74940	5.04700	85.00000	0.0	0.0	0.0
				44.50370	5.04700	85.00000	0.0	0.0	0.0
				45.25800	5.04700	85.00000	0.0	0.0	0.0
				46.01230	5.04700	85.00000	0.0	0.0	0.0
				46.76660	5.04700	85.00000	0.0	0.0	0.0
				47.52090	5.04700	85.00000	0.0	0.0	0.0
				48.27520	5.04700	85.00000	0.0	0.0	0.0
				49.02950	5.04700	85.00000	0.0	0.0	0.0
				49.78380	5.04700	85.00000	0.0	0.0	0.0
				50.53810	5.04700	85.00000	0.0	0.0	0.0
				51.29240	5.04700	85.00000	0.0	0.0	0.0
				52.04670	5.04700	85.00000	0.0	0.0	0.0
				52.80100	5.04700	85.00000	0.0	0.0	0.0
				53.55530	5.04700	85.00000	0.0	0.0	0.0
				54.30960	5.04700	85.00000	0.0	0.0	0.0
				55.06390	5.04700	85.00000	0.0	0.0	0.0
				55.81820	5.04700	85.00000	0.0	0.0	0.0
				56.57250	5.04700	85.00000	0.0	0.0	0.0
				57.32680	5.04700	85.00000	0.0	0.0	0.0
				58.08110	5.04700	85.00000	0.0	0.0	0.0
				58.83540	5.04700	85.00000	0.0	0.0	0.0
				59.58970	5.04700	85.00000	0.0	0.0	0.0
				60.34400	5.04700	85.00000	0.0	0.0	0.0
				61.09830	5.04700	85.00000	0.0	0.0	0.0
				61.85260	5.04700	85.00000	0.0	0.0	0.0
				62.60690	5.04700	85.00000	0.0	0.0	0.0
				63.36120	5.04700	85.00000	0.0	0.0	0.0
				64.11550	5.04700	85.00000	0.0	0.0	0.0
				64.86980	5.04700	85.00000	0.0	0.0	0.0
				65.62410	5.04700	85.00000	0.0	0.0	0.0
				66.37840	5.04700	85.00000	0.0	0.0	0.0
				67.13270	5.04700	85.00000	0.0	0.0	0.0
				67.88700	5.04700	85.00000	0.0	0.0	0.0
				68.64130	5.04700	85.00000	0.0	0.0	0.0
				69.39560	5.04700	85.00000	0.0	0.0	0.0
				70.14990	5.04700	85.00000	0.0	0.0	0.0
				70.90420	5.04700	85.00000	0.0	0.0	0.0
				71.65850	5.04700	85.00000	0.0	0.0	0.0
				72.41280	5.04700	85.00000	0.0	0.0	0.0
				73.16710	5.04700	85.00000	0.0	0.0	0.0
				73.92140	5.04700	85.00000	0.0	0.0	0.0
				74.67570	5.04700	85.00000	0.0	0.0	0.0
				75.43000	5.04700	85.00000	0.0	0.0	0.0
				0.00000	5.76800	85.00000	0.0	0.0	0.0
				0.75430	5.76800	85.00000	0.0	0.0	0.0
				1.50860	5.76800	85.00000	0.0	0.0	0.0
				2.26290	5.76800	85.00000	0.0	0.0	0.0
				3.01720	5.76800	85.00000	0.0	0.0	0.0
				3.77150	5.76800	85.00000	0.0	0.0	0.0
				4.52580	5.76800	85.00000	0.0	0.0	0.0
				5.28010	5.76800	85.00000	0.0	0.0	0.0
				6.03440	5.76800	85.00000	0.0	0.0	0.0
				6.78870	5.76800	85.00000	0.0	0.0	0.0
				7.54300	5.76800	85.00000	0.0	0.0	0.0
				8.29730	5.76800	85.00000	0.0	0.0	0.0
				9.05160	5.76800	85.00000	0.0	0.0	0.0
				9.80590	5.76800	85.00000	0.0	0.0	0.0
				10.56020	5.76800	85.00000	0.0	0.0	0.0
				11.31450	5.76800	85.00000	0.0	0.0	0.0
				12.06880	5.76800	85.00000	0.0	0.0	0.0
				12.82310	5.76800	85.00000	0.0	0.0	0.0
				13.57740	5.76800	85.00000	0.0	0.0	0.0
				14.33170	5.76800	85.00000	0.0	0.0	0.0
				15.08600	5.76800	85.00000	0.0	0.0	0.0
				15.84030	5.76800	85.00000	0.0	0.0	0.0



Highgate Cemetery
B1

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				16.59460	5.76800	85.00000	0.0	0.0	0.0
				17.34890	5.76800	85.00000	0.0	0.0	0.0
				18.10320	5.76800	85.00000	0.0	0.0	0.0
				18.85750	5.76800	85.00000	0.0	0.0	0.0
				19.61180	5.76800	85.00000	0.0	0.0	0.0
				20.36610	5.76800	85.00000	0.0	0.0	0.0
				21.12040	5.76800	85.00000	0.0	0.0	0.0
				21.87470	5.76800	85.00000	0.0	0.0	0.0
				22.62900	5.76800	85.00000	0.0	0.0	0.0
				23.38330	5.76800	85.00000	0.0	0.0	0.0
				24.13760	5.76800	85.00000	0.0	0.0	0.0
				24.89190	5.76800	85.00000	0.0	0.0	0.0
				25.64620	5.76800	85.00000	0.0	0.0	0.0
				26.40050	5.76800	85.00000	0.0	0.0	0.0
				27.15480	5.76800	85.00000	0.0	0.0	0.0
				27.90910	5.76800	85.00000	0.0	0.0	0.0
				28.66340	5.76800	85.00000	0.0	0.0	0.0
				29.41770	5.76800	85.00000	0.0	0.0	0.0
				30.17200	5.76800	85.00000	0.0	0.0	0.0
				30.92630	5.76800	85.00000	0.0	0.0	0.0
				31.68060	5.76800	85.00000	0.0	0.0	0.0
				32.43490	5.76800	85.00000	0.0	0.0	0.0
				33.18920	5.76800	85.00000	0.0	0.0	0.0
				33.94350	5.76800	85.00000	0.0	0.0	0.0
				34.69780	5.76800	85.00000	0.0	0.0	0.0
				35.45210	5.76800	85.00000	0.0	0.0	0.0
				36.20640	5.76800	85.00000	0.0	0.0	0.0
				36.96070	5.76800	85.00000	0.0	0.0	0.0
				37.71500	5.76800	85.00000	0.0	0.0	0.0
				38.46930	5.76800	85.00000	0.0	0.0	0.0
				39.22360	5.76800	85.00000	0.0	0.0	0.0
				39.97790	5.76800	85.00000	0.0	0.0	0.0
				40.73220	5.76800	85.00000	0.0	0.0	0.0
				41.48650	5.76800	85.00000	0.0	0.0	0.0
				42.24080	5.76800	85.00000	0.0	0.0	0.0
				42.99510	5.76800	85.00000	0.0	0.0	0.0
				43.74940	5.76800	85.00000	0.0	0.0	0.0
				44.50370	5.76800	85.00000	0.0	0.0	0.0
				45.25800	5.76800	85.00000	0.0	0.0	0.0
				46.01230	5.76800	85.00000	0.0	0.0	0.0
				46.76660	5.76800	85.00000	0.0	0.0	0.0
				47.52090	5.76800	85.00000	0.0	0.0	0.0
				48.27520	5.76800	85.00000	0.0	0.0	0.0
				49.02950	5.76800	85.00000	0.0	0.0	0.0
				49.78380	5.76800	85.00000	0.0	0.0	0.0
				50.53810	5.76800	85.00000	0.0	0.0	0.0
				51.29240	5.76800	85.00000	0.0	0.0	0.0
				52.04670	5.76800	85.00000	0.0	0.0	0.0
				52.80100	5.76800	85.00000	0.0	0.0	0.0
				53.55530	5.76800	85.00000	0.0	0.0	0.0
				54.30960	5.76800	85.00000	0.0	0.0	0.0
				55.06390	5.76800	85.00000	0.0	0.0	0.0
				55.81820	5.76800	85.00000	0.0	0.0	0.0
				56.57250	5.76800	85.00000	0.0	0.0	0.0
				57.32680	5.76800	85.00000	0.0	0.0	0.0
				58.08110	5.76800	85.00000	0.0	0.0	0.0
				58.83540	5.76800	85.00000	0.0	0.0	0.0
				59.58970	5.76800	85.00000	0.0	0.0	0.0
				60.34400	5.76800	85.00000	0.0	0.0	0.0
				61.09830	5.76800	85.00000	0.0	0.0	0.0
				61.85260	5.76800	85.00000	0.0	0.0	0.0
				62.60690	5.76800	85.00000	0.0	0.0	0.0
				63.36120	5.76800	85.00000	0.0	0.0	0.0
				64.11550	5.76800	85.00000	0.0	0.0	0.0
				64.86980	5.76800	85.00000	0.0	0.0	0.0
				65.62410	5.76800	85.00000	0.0	0.0	0.0
				66.37840	5.76800	85.00000	0.0	0.0	0.0
				67.13270	5.76800	85.00000	0.0	0.0	0.0
				67.88700	5.76800	85.00000	0.0	0.0	0.0
				68.64130	5.76800	85.00000	0.0	0.0	0.0
				69.39560	5.76800	85.00000	0.0	0.0	0.0
				70.14990	5.76800	85.00000	0.0	0.0	0.0
				70.90420	5.76800	85.00000	0.0	0.0	0.0
				71.65850	5.76800	85.00000	0.0	0.0	0.0
				72.41280	5.76800	85.00000	0.0	0.0	0.0
				73.16710	5.76800	85.00000	0.0	0.0	0.0
				73.92140	5.76800	85.00000	0.0	0.0	0.0
				74.67570	5.76800	85.00000	0.0	0.0	0.0
				75.43000	5.76800	85.00000	0.0	0.0	0.0
				0.00000	6.48900	85.00000	0.0	0.0	0.0
				0.75430	6.48900	85.00000	0.0	0.0	0.0
				1.50860	6.48900	85.00000	0.0	0.0	0.0
				2.26290	6.48900	85.00000	0.0	0.0	0.0
				3.01720	6.48900	85.00000	0.0	0.0	0.0
				3.77150	6.48900	85.00000	0.0	0.0	0.0
				4.52580	6.48900	85.00000	0.0	0.0	0.0
				5.28010	6.48900	85.00000	0.0	0.0	0.0
				6.03440	6.48900	85.00000	0.0	0.0	0.0
				6.78870	6.48900	85.00000	0.0	0.0	0.0
				7.54300	6.48900	85.00000	0.0	0.0	0.0
				8.29730	6.48900	85.00000	0.0	0.0	0.0
				9.05160	6.48900	85.00000	0.0	0.0	0.0
				9.80590	6.48900	85.00000	0.0	0.0	0.0
				10.56020	6.48900	85.00000	0.0	0.0	0.0
				11.31450	6.48900	85.00000	0.0	0.0	0.0
				12.06880	6.48900	85.00000	0.0	0.0	0.0
				12.82310	6.48900	85.00000	0.0	0.0	0.0
				13.57740	6.48900	85.00000	0.0	0.0	0.0
				14.33170	6.48900	85.00000	0.0	0.0	0.0
				15.08600	6.48900	85.00000	0.0	0.0	0.0
				15.84030	6.48900	85.00000	0.0	0.0	0.0
				16.59460	6.48900	85.00000	0.0	0.0	0.0
				17.34890	6.48900	85.00000	0.0	0.0	0.0
				18.10320	6.48900	85.00000	0.0	0.0	0.0
				18.85750	6.48900	85.00000	0.0	0.0	0.0
				19.61180	6.48900	85.00000	0.0	0.0	0.0
				20.36610	6.48900	85.00000	0.0	0.0	0.0
				21.12040	6.48900	85.00000	0.0	0.0	0.0
				21.87470	6.48900	85.00000	0.0	0.0	0.0
				22.62900	6.48900	85.00000	0.0	0.0	0.0
				23.38330	6.48900	85.00000	0.0	0.0	0.0
				24.13760	6.48900	85.00000	0.0	0.0	0.0
				24.89190	6.48900	85.00000	0.0	0.0	0.0
				25.64620	6.48900	85.00000	0.0	0.0	0.0
				26.40050	6.48900	85.00000	0.0	0.0	0.0
				27.15480	6.48900	85.00000	0.0	0.0	0.0
				27.90910	6.48900	85.00000	0.0	0.0	0.0
				28.66340	6.48900	85.00000	0.0	0.0	0.0
				29.41770	6.48900	85.00000	0.0	0.0	0.0
				30.17200	6.48900	85.00000	0.0	0.0	0.0
				30.92630	6.48900	85.00000	0.0	0.0	0.0
				31.68060	6.48900	85.00000	0.0	0.0	0.0
				32.43490	6.48900	85.00000	0.0	0.0	0.0
				33.18920	6.48900	85.00000	0.0	0.0	0.0
				33.94350	6.48900	85.00000	0.0	0.0	0.0
				34.69780	6.48900	85.00000	0.0	0.0	0.0
				35.45210	6.48900	85.00000	0.0	0.0	0.0
				36.20640	6.48900	85.00000	0.0	0.0	0.0
				36.96070	6.48900	85.00000	0.0	0.0	0.0
				37.71500	6.48900	85.00000	0.0	0.0	0.0

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				38.46930	6.48900	85.00000	0.0	0.0	0.0						
				39.22360	6.48900	85.00000	0.0	0.0	0.0						
				39.97790	6.48900	85.00000	0.0	0.0	0.0						
				40.73220	6.48900	85.00000	0.0	0.0	0.0						
				41.48650	6.48900	85.00000	0.0	0.0	0.0						
				42.24080	6.48900	85.00000	0.0	0.0	0.0						
				42.99510	6.48900	85.00000	0.0	0.0	0.0						
				43.74940	6.48900	85.00000	0.0	0.0	0.0						
				44.50370	6.48900	85.00000	0.0	0.0	0.0						
				45.25800	6.48900	85.00000	0.0	0.0	0.0						
				46.01230	6.48900	85.00000	0.0	0.0	0.0						
				46.76660	6.48900	85.00000	0.0	0.0	0.0						
				47.52090	6.48900	85.00000	0.0	0.0	0.0						
				48.27520	6.48900	85.00000	0.0	0.0	0.0						
				49.02950	6.48900	85.00000	0.0	0.0	0.0						
				49.78380	6.48900	85.00000	0.0	0.0	0.0						
				50.53810	6.48900	85.00000	0.0	0.0	0.0						
				51.29240	6.48900	85.00000	0.0	0.0	0.0						
				52.04670	6.48900	85.00000	0.0	0.0	0.0						
				52.80100	6.48900	85.00000	0.0	0.0	0.0						
				53.55530	6.48900	85.00000	0.0	0.0	0.0						
				54.30960	6.48900	85.00000	0.0	0.0	0.0						
				55.06390	6.48900	85.00000	0.0	0.0	0.0						
				55.81820	6.48900	85.00000	0.0	0.0	0.0						
				56.57250	6.48900	85.00000	0.0	0.0	0.0						
				57.32680	6.48900	85.00000	0.0	0.0	0.0						
				58.08110	6.48900	85.00000	0.0	0.0	0.0						
				58.83540	6.48900	85.00000	0.0	0.0	0.0						
				59.58970	6.48900	85.00000	0.0	0.0	0.0						
			</												

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.	Sheet No.		Rev.
										3500			
										Drg. Ref.			
										Made by PES	Date 01-Nov-2024		Checked
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz				
				[m]	[m]	[m]	[mm]	[mm]	[mm]				
				60.34400	7.21000	85.00000	0.0	0.0	0.0				
				61.09830	7.21000	85.00000	0.0	0.0	0.0				
				61.85260	7.21000	85.00000	0.0	0.0	0.0				
				62.60690	7.21000	85.00000	0.0	0.0	0.0				
				63.36120	7.21000	85.00000	0.0	0.0	0.0				
				64.11550	7.21000	85.00000	0.0	0.0	0.0				
				64.86980	7.21000	85.00000	0.0	0.0	0.0				
				65.62410	7.21000	85.00000	0.0	0.0	0.0				
				66.37840	7.21000	85.00000	0.0	0.0	0.0				
				67.13270	7.21000	85.00000	0.0	0.0	0.0				
				67.88700	7.21000	85.00000	0.0	0.0	0.0				
				68.64130	7.21000	85.00000	0.0	0.0	0.0				
				69.39560	7.21000	85.00000	0.0	0.0	0.0				
				70.14990	7.21000	85.00000	0.0	0.0	0.0				
				70.90420	7.21000	85.00000	0.0	0.0	0.0				
				71.65850	7.21000	85.00000	0.0	0.0	0.0				
				72.41280	7.21000	85.00000	0.0	0.0	0.0				
				73.16710	7.21000	85.00000	0.0	0.0	0.0				
				73.92140	7.21000	85.00000	0.0	0.0	0.0				
				74.67570	7.21000	85.00000	0.0	0.0	0.0				
				75.43000	7.21000	85.00000	0.0	0.0	0.0				
				0.00000	7.93100	85.00000	0.0	0.0	0.0				
				0.75430	7.93100	85.00000	0.0	0.0	0.0				
				1.50860	7.93100	85.00000	0.0	0.0	0.0				
				2.26290	7.93100	85.00000	0.0	0.0	0.0				
				3.01720	7.93100	85.00000	0.0	0.0	0.0				
				3.77150	7.93100	85.00000	0.0	0.0	0.0				
				4.52580	7.93100	85.00000	0.0	0.0	0.0				
				5.28010	7.93100	85.00000	0.0	0.0	0.0				
				6.03440	7.93100	85.00000	0.0	0.0	0.0				
				6.78870	7.93100	85.00000	0.0	0.0	0.0				
				7.54300	7.93100	85.00000	0.0	0.0	0.0				
				8.29730	7.93100	85.00000	0.0	0.0	0.0				
				9.05160	7.93100	85.00000	0.0	0.0	0.0				
				9.80590	7.93100	85.00000	0.0	0.0	0.0				
				10.56020	7.93100	85.00000	0.0	0.0	0.0				
				11.31450	7.93100	85.00000	0.0	0.0	0.0				
				12.06880	7.93100	85.00000	0.0	0.0	0.0				
				12.82310	7.93100	85.00000	0.0	0.0	0.0				
				13.57740	7.93100	85.00000	0.0	0.0	0.0				
				14.33170	7.93100	85.00000	0.0	0.0	0.0				
				15.08600	7.93100	85.00000	0.0	0.0	0.0				
				15.84030	7.93100	85.00000	0.0	0.0	0.0				
				16.59460	7.93100	85.00000	0.0	0.0	0.0				
				17.34890	7.93100	85.00000	0.0	0.0	0.0				
				18.10320	7.93100	85.00000	0.0	0.0	0.0				
				18.85750	7.93100	85.00000	0.0	0.0	0.0				
				19.61180	7.93100	85.00000	0.0	0.0	0.0				
				20.36610	7.93100	85.00000	0.0	0.0	0.0				
				21.12040	7.93100	85.00000	0.0	0.0	0.0				
				21.87470	7.93100	85.00000	0.0	0.0	0.0				
				22.62900	7.93100	85.00000	0.0	0.0	0.0				
				23.38330	7.93100	85.00000	0.0	0.0	0.0				
				24.13760	7.93100	85.00000	0.0	0.0	0.0				
				24.89190	7.93100	85.00000	0.0	0.0	0.0				
				25.64620	7.93100	85.00000	0.0	0.0	0.0				
				26.40050	7.93100	85.00000	0.0	0.0	0.0				
				27.15480	7.93100	85.00000	0.0	0.0	0.0				
				27.90910	7.93100	85.00000	0.0	0.0	0.0				
				28.66340	7.93100	85.00000	0.0	0.0	0.0				
				29.41770	7.93100	85.00000	0.0	0.0	0.028710				
				30.17200	7.93100	85.00000	0.0	0.0	0.059130				
				30.92630	7.93100	85.00000	0.0	0.0	0.084917				
				31.68060	7.93100	85.00000	0.0	0.0	0.10599				
				32.43490	7.93100	85.00000	0.0	0.0	0.12230				
				33.18920	7.93100	85.00000	0.0	0.0	0.13378				
				33.94350	7.93100	85.00000	0.0	0.0	0.14060				
				34.69780	7.93100	85.00000	0.0	0.0	0.14616				
				35.45210	7.93100	85.00000	0.0	0.0	0.15171				
				36.20640	7.93100	85.00000	0.0	0.0	0.15727				
				36.96070	7.93100	85.00000	0.0	0.0	0.16283				
				37.71500	7.93100	85.00000	0.0	0.0	0.16839				
				38.46930	7.93100	85.00000	0.0	0.0	0.17395				
				39.22360	7.93100	85.00000	0.0	0.0	0.17950				
				39.97790	7.93100	85.00000	0.0	0.0	0.18506				
				40.73220	7.93100	85.00000	0.0	0.0	0.19062				
				41.48650	7.93100	85.00000	0.0	0.0	0.19618				
				42.24080	7.93100	85.00000	0.0	0.0	0.20174				
				42.99510	7.93100	85.00000	0.0	0.0	0.20587				
				43.74940	7.93100	85.00000	0.0	0.0	0.20520				
				44.50370	7.93100	85.00000	0.0	0.0	0.19958				
				45.25800	7.93100	85.00000	0.0	0.0	0.18903				
				46.01230	7.93100	85.00000	0.0	0.0	0.17358				
				46.76660	7.93100	85.00000	0.0	0.0	0.15328				
				47.52090	7.93100	85.00000	0.0	0.0	0.12819				
				48.27520	7.93100	85.00000	0.0	0.0	0.098396				
				49.02950	7.93100	85.00000	0.0	0.0	0.063981				
				49.78380	7.93100	85.00000	0.0	0.0	0.025046				
				50.53810	7.93100	85.00000	0.0	0.0	0.0				
				51.29240	7.93100	85.00000	0.0	0.0	0.0				
				52.04670	7.93100	85.00000	0.0	0.0	0.0				
				52.80100	7.93100	85.00000	0.0	0.0	0.0				
				53.55530	7.93100	85.00000	0.0	0.0	0.0				
				54.30960	7.93100	85.00000	0.0	0.0	0.0				
				55.06390	7.93100	85.00000	0.0	0.0	0.0				
				55.81820	7.93100	85.00000	0.0	0.0	0.0				
				56.57250	7.93100	85.00000	0.0	0.0	0.0				
				57.32680	7.93100	85.00000	0.0	0.0	0.0				
				58.08110	7.93100	85.00000	0.0	0.0	0.0				
				58.83540	7.93100	85.00000	0.0	0.0	0.0				
				59.58970	7.93100	85.00000	0.0	0.0	0.0				
				60.34400	7.93100	85.00000	0.0	0.0	0.0				
				61.09830	7.93100	85.00000	0.0	0.0	0.0				
				61.85260	7.93100	85.00000	0.0	0.0	0.0				
				62.60690	7.93100	85.00000	0.0	0.0	0.0				
				63.36120	7.93100	85.00000	0.0	0.0	0.0				
				64.11550	7.93100	85.00000	0.0	0.0	0.0				
				64.86980	7.93100	85.00000	0.0	0.0	0.0				
				65.62410	7.93100	85.00000	0.0	0.0	0.0				
				66.37840	7.93100	85.00000	0.0	0.0	0.0				
				67.13270	7.93100	85.00000	0.0	0.0	0.0				
				67.88700	7.93100	85.00000	0.0	0.0	0.0				
				68.64130	7.93100	85.00000	0.0	0.0	0.0				
				69.39560	7.93100	85.00000	0.0	0.0	0.0				
				70.14990	7.93100	85.00000	0.0	0.0	0.0				
				70.90420	7.93100	85.00000	0.0	0.0	0.0				
				71.65850	7.93100	85.00000	0.0	0.0	0.0				
				72.41280	7.93100	85.00000	0.0	0.0	0.0				
				73.16710	7.93100	85.00000	0.0	0.0	0.0				
				73.92140	7.93100	85.00000	0.0	0.0	0.0				
				74.67570	7.93100	85.00000	0.0	0.0	0.0				
				75.4300.									



A-SQUARED STUDIO
ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				6.03440	8.65200	85.00000	0.0	0.0	0.0
				6.78870	8.65200	85.00000	0.0	0.0	0.0
				7.54300	8.65200	85.00000	0.0	0.0	0.0
				8.29730	8.65200	85.00000	0.0	0.0	0.0
				9.05160	8.65200	85.00000	0.0	0.0	0.0
				9.80590	8.65200	85.00000	0.0	0.0	0.0
				10.56020	8.65200	85.00000	0.0	0.0	0.0
				11.31450	8.65200	85.00000	0.0	0.0	0.0
				12.06880	8.65200	85.00000	0.0	0.0	0.0
				12.82310	8.65200	85.00000	0.0	0.0	0.0
				13.57740	8.65200	85.00000	0.0	0.0	0.0
				14.33170	8.65200	85.00000	0.0	0.0	0.0
				15.08600	8.65200	85.00000	0.0	0.0	0.0
				15.84030	8.65200	85.00000	0.0	0.0	0.0
				16.59460	8.65200	85.00000	0.0	0.0	0.0
				17.34890	8.65200	85.00000	0.0	0.0	0.0
				18.10320	8.65200	85.00000	0.0	0.0	0.0
				18.85750	8.65200	85.00000	0.0	0.0	0.0
				19.61180	8.65200	85.00000	0.0	0.0	0.0
				20.36610	8.65200	85.00000	0.0	0.0	0.0
				21.12040	8.65200	85.00000	0.0	0.0	0.0
				21.87470	8.65200	85.00000	0.0	0.0	0.0
				22.62900	8.65200	85.00000	0.0	0.0	0.0
				23.38330	8.65200	85.00000	0.0	0.0	0.0
				24.13760	8.65200	85.00000	0.0	0.0	0.0
				24.89190	8.65200	85.00000	0.0	0.0	0.0
				25.64620	8.65200	85.00000	0.0	0.0	0.0
				26.40050	8.65200	85.00000	0.0	0.0	0.0
				27.15480	8.65200	85.00000	0.0	0.0	0.047751
				27.90910	8.65200	85.00000	0.0	0.0	0.092776
				28.66340	8.65200	85.00000	0.0	0.0	0.13336
				29.41770	8.65200	85.00000	0.0	0.0	0.16937
				30.17200	8.65200	85.00000	0.0	0.0	0.20072
				30.92630	8.65200	85.00000	0.0	0.0	0.22731
				31.68060	8.65200	85.00000	0.0	0.0	0.24905
				32.43490	8.65200	85.00000	0.0	0.0	0.26587
				33.18920	8.65200	85.00000	0.0	0.0	0.27771
				33.94350	8.65200	85.00000	0.0	0.0	0.28470
				34.69780	8.65200	85.00000	0.0	0.0	0.29026
				35.45210	8.65200	85.00000	0.0	0.0	0.29582
				36.20640	8.65200	85.00000	0.0	0.0	0.30137
				36.96070	8.65200	85.00000	0.0	0.0	0.30693
				37.71500	8.65200	85.00000	0.0	0.0	0.31249
				38.46930	8.65200	85.00000	0.0	0.0	0.31805
				39.22360	8.65200	85.00000	0.0	0.0	0.32361
				39.97790	8.65200	85.00000	0.0	0.0	0.32916
				40.73220	8.65200	85.00000	0.0	0.0	0.33472
				41.48650	8.65200	85.00000	0.0	0.0	0.34028
				42.24080	8.65200	85.00000	0.0	0.0	0.34584
				42.99510	8.65200	85.00000	0.0	0.0	0.35006
				43.74940	8.65200	85.00000	0.0	0.0	0.34937
				44.50370	8.65200	85.00000	0.0	0.0	0.34356
				45.25800	8.65200	85.00000	0.0	0.0	0.33267
				46.01230	8.65200	85.00000	0.0	0.0	0.31673
				46.76660	8.65200	85.00000	0.0	0.0	0.29578
				47.52090	8.65200	85.00000	0.0	0.0	0.26991
				48.27520	8.65200	85.00000	0.0	0.0	0.23919
				49.02950	8.65200	85.00000	0.0	0.0	0.20372
				49.78380	8.65200	85.00000	0.0	0.0	0.16361
				50.53810	8.65200	85.00000	0.0	0.0	0.11898
				51.29240	8.65200	85.00000	0.0	0.0	0.06958
				52.04670	8.65200	85.00000	0.0	0.0	0.016679
				52.80100	8.65200	85.00000	0.0	0.0	0.0
				53.55530	8.65200	85.00000	0.0	0.0	0.0
				54.30960	8.65200	85.00000	0.0	0.0	0.0
				55.06390	8.65200	85.00000	0.0	0.0	0.0
				55.81820	8.65200	85.00000	0.0	0.0	0.0
				56.57250	8.65200	85.00000	0.0	0.0	0.0
				57.32680	8.65200	85.00000	0.0	0.0	0.0
				58.08110	8.65200	85.00000	0.0	0.0	0.0
				58.83540	8.65200	85.00000	0.0	0.0	0.0
				59.58970	8.65200	85.00000	0.0	0.0	0.0
				60.34400	8.65200	85.00000	0.0	0.0	0.0
				61.09830	8.65200	85.00000	0.0	0.0	0.0
				61.85260	8.65200	85.00000	0.0	0.0	0.0
				62.60690	8.65200	85.00000	0.0	0.0	0.0
				63.36120	8.65200	85.00000	0.0	0.0	0.0
				64.11550	8.65200	85.00000	0.0	0.0	0.0
				64.86980	8.65200	85.00000	0.0	0.0	0.0
				65.62410	8.65200	85.00000	0.0	0.0	0.0
				66.37840	8.65200	85.00000	0.0	0.0	0.0
				67.13270	8.65200	85.00000	0.0	0.0	0.0
				67.88700	8.65200	85.00000	0.0	0.0	0.0
				68.64130	8.65200	85.00000	0.0	0.0	0.0
				69.39560	8.65200	85.00000	0.0	0.0	0.0
				70.14990	8.65200	85.00000	0.0	0.0	0.0
				70.90420	8.65200	85.00000	0.0	0.0	0.0
				71.65850	8.65200	85.00000	0.0	0.0	0.0
				72.41280	8.65200	85.00000	0.0	0.0	0.0
				73.16710	8.65200	85.00000	0.0	0.0	0.0
				73.92140	8.65200	85.00000	0.0	0.0	0.0
				74.67570	8.65200	85.00000	0.0	0.0	0.0
				75.43000	8.65200	85.00000	0.0	0.0	0.0
				0.00000	9.37300	85.00000	0.0	0.0	0.0
				0.75430	9.37300	85.00000	0.0	0.0	0.0
				1.50860	9.37300	85.00000	0.0	0.0	0.0
				2.26290	9.37300	85.00000	0.0	0.0	0.0
				3.01720	9.37300	85.00000	0.0	0.0	0.0
				3.77150	9.37300	85.00000	0.0	0.0	0.0
				4.52580	9.37300	85.00000	0.0	0.0	0.0
				5.28010	9.37300	85.00000	0.0	0.0	0.0
				6.03440	9.37300	85.00000	0.0	0.0	0.0
				6.78870	9.37300	85.00000	0.0	0.0	0.0
				7.54300	9.37300	85.00000	0.0	0.0	0.0
				8.29730	9.37300	85.00000	0.0	0.0	0.0
				9.05160	9.37300	85.00000	0.0	0.0	0.0
				9.80590	9.37300	85.00000	0.0	0.0	0.0
				10.56020	9.37300	85.00000	0.0	0.0	0.0
				11.31450	9.37300	85.00000	0.0	0.0	0.0
				12.06880	9.37300	85.00000	0.0	0.0	0.0
				12.82310	9.37300	85.00000	0.0	0.0	0.0
				13.57740	9.37300	85.00000	0.0	0.0	0.0
				14.33170	9.37300	85.00000	0.0	0.0	0.0
				15.08600	9.37300	85.00000	0.0	0.0	0.0
				15.84030	9.37300	85.00000	0.0	0.0	0.0
				16.59460	9.37300	85.00000	0.0	0.0	0.0
				17.34890	9.37300	85.00000	0.0	0.0	0.0
				18.10320	9.37300	85.00000	0.0	0.0	0.0
				18.85750	9.37300	85.00000	0.0	0.0	0.0
				19.61180	9.37300	85.00000	0.0	0.0	0.0
				20.36610	9.37300	85.00000	0.0	0.0	0.0
				21.12040	9.37300	85.00000	0.0	0.0	0.0
				21.87470	9.37300	85.00000	0.0	0.0	0.0
				22.62900	9.37300	85.00000	0.0	0.0	0.0
				23.38330	9.37300	85.00000	0.0	0.0	0.0
				24.13760	9.37300	85.00000	0.0	0.0	0.0
				24.89190	9.37300	85.00000	0.0	0.0	0.019437
				25.64620	9.37300	85.00000	0.0	0.0	0.078632
				26.40050	9.37300	85.00000	0.0	0.0	0.13370
				27.15480	9.37300	85.00000	0.0	0.0	0.18449



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				27.90910	9.37300	85.00000	0.0	0.0	0.23086
				28.66340	9.37300	85.00000	0.0	0.0	0.27268
				29.41770	9.37300	85.00000	0.0	0.0	0.30981
				30.17200	9.37300	85.00000	0.0	0.0	0.34215
				30.92630	9.37300	85.00000	0.0	0.0	0.36959
				31.68060	9.37300	85.00000	0.0	0.0	0.39203
				32.43490	9.37300	85.00000	0.0	0.0	0.40939
				33.18920	9.37300	85.00000	0.0	0.0	0.42163
				33.94350	9.37300	85.00000	0.0	0.0	0.42880
				34.69780	9.37300	85.00000	0.0	0.0	0.43436
				35.45210	9.37300	85.00000	0.0	0.0	0.43992
				36.20640	9.37300	85.00000	0.0	0.0	0.44548
				36.96070	9.37300	85.00000	0.0	0.0	0.45103
				37.71500	9.37300	85.00000	0.0	0.0	0.45659
				38.46930	9.37300	85.00000	0.0	0.0	0.46215
				39.22360	9.37300	85.00000	0.0	0.0	0.46771
				39.97790	9.37300	85.00000	0.0	0.0	0.47327
				40.73220	9.37300	85.00000	0.0	0.0	0.47882
				41.48650	9.37300	85.00000	0.0	0.0	0.48438
				42.24080	9.37300	85.00000	0.0	0.0	0.48994
				42.99510	9.37300	85.00000	0.0	0.0	0.49425
				43.74940	9.37300	85.00000	0.0	0.0	0.49353
				44.50370	9.37300	85.00000	0.0	0.0	0.48754
				45.25800	9.37300	85.00000	0.0	0.0	0.47628
				46.01230	9.37300	85.00000	0.0	0.0	0.45981
				46.76660	9.37300	85.00000	0.0	0.0	0.43817
				47.52090	9.37300	85.00000	0.0	0.0	0.41146
				48.27520	9.37300	85.00000	0.0	0.0	0.37976
				49.02950	9.37300	85.00000	0.0	0.0	0.34317
				49.78380	9.37300	85.00000	0.0	0.0	0.30182
				50.53810	9.37300	85.00000	0.0	0.0	0.25593
				51.29240	9.37300	85.00000	0.0	0.0	0.20535
				52.04670	9.37300	85.00000	0.0	0.0	0.15052
				52.80100	9.37300	85.00000	0.0	0.0	0.091490
				53.55530	9.37300	85.00000	0.0	0.0	0.028421
				54.30960	9.37300	85.00000	0.0	0.0	0.0
				55.06390	9.37300	85.00000	0.0	0.0	0.0
				55.81820	9.37300	85.00000	0.0	0.0	0.0
				56.57250	9.37300	85.00000	0.0	0.0	0.0
				57.32680	9.37300	85.00000	0.0	0.0	0.0
				58.08110	9.37300	85.00000	0.0	0.0	0.0
				58.83540	9.37300	85.00000	0.0	0.0	0.0
				59.58970	9.37300	85.00000	0.0	0.0	0.0
				60.34400	9.37300	85.00000	0.0	0.0	0.0
				61.09830	9.37300	85.00000	0.0	0.0	0.0
				61.85260	9.37300	85.00000	0.0	0.0	0.0
				62.60690	9.37300	85.00000	0.0	0.0	0.0
				63.36120	9.37300	85.00000	0.0	0.0	0.0
				64.11550	9.37300	85.00000	0.0	0.0	0.0
				64.86980	9.37300	85.00000	0.0	0.0	0.0
				65.62410	9.37300	85.00000	0.0	0.0	0.0
				66.37840	9.37300	85.00000	0.0	0.0	0.0
				67.13270	9.37300	85.00000	0.0	0.0	0.0
				67.88700	9.37300	85.00000	0.0	0.0	0.0
				68.64130	9.37300	85.00000	0.0	0.0	0.0
				69.39560	9.37300	85.00000	0.0	0.0	0.0
				70.14990	9.37300	85.00000	0.0	0.0	0.0
				70.90420	9.37300	85.00000	0.0	0.0	0.0
				71.65850	9.37300	85.00000	0.0	0.0	0.0
				72.41280	9.37300	85.00000	0.0	0.0	0.0
				73.16710	9.37300	85.00000	0.0	0.0	0.0
				73.92140	9.37300	85.00000	0.0	0.0	0.0
				74.67570	9.37300	85.00000	0.0	0.0	0.0
				75.43000	9.37300	85.00000	0.0	0.0	0.0
				0.00000	10.09400	85.00000	0.0	0.0	0.0
				0.75430	10.09400	85.00000	0.0	0.0	0.0
				1.50860	10.09400	85.00000	0.0	0.0	0.0
				2.26290	10.09400	85.00000	0.0	0.0	0.0
				3.01720	10.09400	85.00000	0.0	0.0	0.0
				3.77150	10.09400	85.00000	0.0	0.0	0.0
				4.52580	10.09400	85.00000	0.0	0.0	0.0
				5.28010	10.09400	85.00000	0.0	0.0	0.0
				6.03440	10.09400	85.00000	0.0	0.0	0.0
				6.78870	10.09400	85.00000	0.0	0.0	0.0
				7.54300	10.09400	85.00000	0.0	0.0	0.0
				8.29730	10.09400	85.00000	0.0	0.0	0.0
				9.05160	10.09400	85.00000	0.0	0.0	0.0
				9.80590	10.09400	85.00000	0.0	0.0	0.0
				10.56020	10.09400	85.00000	0.0	0.0	0.0
				11.31450	10.09400	85.00000	0.0	0.0	0.0
				12.06880	10.09400	85.00000	0.0	0.0	0.0
				12.82310	10.09400	85.00000	0.0	0.0	0.0
				13.57740	10.09400	85.00000	0.0	0.0	0.0
				14.33170	10.09400	85.00000	0.0	0.0	0.0
				15.08600	10.09400	85.00000	0.0	0.0	0.0
				15.84030	10.09400	85.00000	0.0	0.0	0.0
				16.59460	10.09400	85.00000	0.0	0.0	0.0
				17.34890	10.09400	85.00000	0.0	0.0	0.0
				18.10320	10.09400	85.00000	0.0	0.0	0.0
				18.85750	10.09400	85.00000	0.0	0.0	0.0
				19.61180	10.09400	85.00000	0.0	0.0	0.0
				20.36610	10.09400	85.00000	0.0	0.0	0.0
				21.12040	10.09400	85.00000	0.0	0.0	0.0
				21.87470	10.09400	85.00000	0.0	0.0	0.0
				22.62900	10.09400	85.00000	0.0	0.0	0.0
				23.38330	10.09400	85.00000	0.0	0.0	0.017122
				24.13760	10.09400	85.00000	0.0	0.0	0.085934
				24.89190	10.09400	85.00000	0.0	0.0	0.15087
				25.64620	10.09400	85.00000	0.0	0.0	0.21176
				26.40050	10.09400	85.00000	0.0	0.0	0.26844
				27.15480	10.09400	85.00000	0.0	0.0	0.32076
				27.90910	10.09400	85.00000	0.0	0.0	0.36856
				28.66340	10.09400	85.00000	0.0	0.0	0.41169
				29.41770	10.09400	85.00000	0.0	0.0	0.45001
				30.17200	10.09400	85.00000	0.0	0.0	0.48340
				30.92630	10.09400	85.00000	0.0	0.0	0.51173
				31.68060	10.09400	85.00000	0.0	0.0	0.53492
				32.43490	10.09400	85.00000	0.0	0.0	0.55287
				33.18920	10.09400	85.00000	0.0	0.0	0.56552
				33.94350	10.09400	85.00000	0.0	0.0	0.57290
				34.69780	10.09400	85.00000	0.0	0.0	0.57846
				35.45210	10.09400	85.00000	0.0	0.0	0.58402
				36.20640	10.09400	85.00000	0.0	0.0	0.58958
				36.96070	10.09400	85.00000	0.0	0.0	0.59514
				37.71500	10.09400	85.00000	0.0	0.0	0.60069
				38.46930	10.09400	85.00000	0.0	0.0	0.60625
				39.22360	10.09400	85.00000	0.0	0.0	0.61181
				39.97790	10.09400	85.00000	0.0	0.0	0.61737
				40.73220	10.09400	85.00000	0.0	0.0	0.62293
				41.48650	10.09400	85.00000	0.0	0.0	0.62848
				42.24080	10.09400	85.00000	0.0	0.0	0.63404
				42.99510	10.09400	85.00000	0.0	0.0	0.63844
				43.74940	10.09400	85.00000	0.0	0.0	0.63770
				44.50370	10.09400	85.00000	0.0	0.0	0.63149
				45.25800	10.09400	85.00000	0.0	0.0	0.61985
				46.01230	10.09400	85.00000	0.0	0.0	0.60281
				46.76660	10.09400	85.00000	0.0	0.0	0.58045
				47.52090	10.09400	85.00000	0.0	0.0	0.55284
				48.27520	10.09400	85.00000	0.0	0.0	0.52009
				49.02950	10.09400	85.00000	0.0	0.0	0.48231



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				49.78380	10.09400	85.00000	0.0	0.0	0.43964
				50.53810	10.09400	85.00000	0.0	0.0	0.39221
				51.29240	10.09400	85.00000	0.0	0.0	0.34019
				52.04670	10.09400	85.00000	0.0	0.0	0.28372
				52.80100	10.09400	85.00000	0.0	0.0	0.22297
				53.55530	10.09400	85.00000	0.0	0.0	0.15812
				54.30960	10.09400	85.00000	0.0	0.0	0.089321
				55.06390	10.09400	85.00000	0.0	0.0	0.016755
				55.81820	10.09400	85.00000	0.0	0.0	0.0
				56.57250	10.09400	85.00000	0.0	0.0	0.0
				57.32680	10.09400	85.00000	0.0	0.0	0.0
				58.08110	10.09400	85.00000	0.0	0.0	0.0
				58.83540	10.09400	85.00000	0.0	0.0	0.0
				59.58970	10.09400	85.00000	0.0	0.0	0.0
				60.34400	10.09400	85.00000	0.0	0.0	0.0
				61.09830	10.09400	85.00000	0.0	0.0	0.0
				61.85260	10.09400	85.00000	0.0	0.0	0.0
				62.60690	10.09400	85.00000	0.0	0.0	0.0
				63.36120	10.09400	85.00000	0.0	0.0	0.0
				64.11550	10.09400	85.00000	0.0	0.0	0.0
				64.86980	10.09400	85.00000	0.0	0.0	0.0
				65.62410	10.09400	85.00000	0.0	0.0	0.0
				66.37840	10.09400	85.00000	0.0	0.0	0.0
				67.13270	10.09400	85.00000	0.0	0.0	0.0
				67.88700	10.09400	85.00000	0.0	0.0	0.0
				68.64130	10.09400	85.00000	0.0	0.0	0.0
				69.39560	10.09400	85.00000	0.0	0.0	0.0
				70.14990	10.09400	85.00000	0.0	0.0	0.0
				70.90420	10.09400	85.00000	0.0	0.0	0.0
				71.65850	10.09400	85.00000	0.0	0.0	0.0
				72.41280	10.09400	85.00000	0.0	0.0	0.0
				73.16710	10.09400	85.00000	0.0	0.0	0.0
				73.92140	10.09400	85.00000	0.0	0.0	0.0
				74.67570	10.09400	85.00000	0.0	0.0	0.0
				75.43000	10.09400	85.00000	0.0	0.0	0.0
				0.00000	10.81500	85.00000	0.0	0.0	0.0
				0.75430	10.81500	85.00000	0.0	0.0	0.0
				1.50860	10.81500	85.00000	0.0	0.0	0.0
				2.26290	10.81500	85.00000	0.0	0.0	0.0
				3.01720	10.81500	85.00000	0.0	0.0	0.0
				3.77150	10.81500	85.00000	0.0	0.0	0.0
				4.52580	10.81500	85.00000	0.0	0.0	0.0
				5.28010	10.81500	85.00000	0.0	0.0	0.0
				6.03440	10.81500	85.00000	0.0	0.0	0.0
				6.78870	10.81500	85.00000	0.0	0.0	0.0
				7.54300	10.81500	85.00000	0.0	0.0	0.0
				8.29730	10.81500	85.00000	0.0	0.0	0.0
				9.05160	10.81500	85.00000	0.0	0.0	0.0
				9.80590	10.81500	85.00000	0.0	0.0	0.0
				10.56020	10.81500	85.00000	0.0	0.0	0.0
				11.31450	10.81500	85.00000	0.0	0.0	0.0
				12.06880	10.81500	85.00000	0.0	0.0	0.0
				12.82310	10.81500	85.00000	0.0	0.0	0.0
				13.57740	10.81500	85.00000	0.0	0.0	0.0
				14.33170	10.81500	85.00000	0.0	0.0	0.0
				15.08600	10.81500	85.00000	0.0	0.0	0.0
				15.84030	10.81500	85.00000	0.0	0.0	0.0
				16.59460	10.81500	85.00000	0.0	0.0	0.0
				17.34890	10.81500	85.00000	0.0	0.0	0.0
				18.10320	10.81500	85.00000	0.0	0.0	0.0
				18.85750	10.81500	85.00000	0.0	0.0	0.0
				19.61180	10.81500	85.00000	0.0	0.0	0.0
				20.36610	10.81500	85.00000	0.0	0.0	0.0
				21.12040	10.81500	85.00000	0.0	0.0	0.0
				21.87470	10.81500	85.00000	0.0	0.0	0.0
				22.62900	10.81500	85.00000	0.0	0.0	0.069547
				23.38330	10.81500	85.00000	0.0	0.0	0.14402
				24.13760	10.81500	85.00000	0.0	0.0	0.21473
				24.89190	10.81500	85.00000	0.0	0.0	0.28152
				25.64620	10.81500	85.00000	0.0	0.0	0.34419
				26.40050	10.81500	85.00000	0.0	0.0	0.40258
				27.15480	10.81500	85.00000	0.0	0.0	0.45652
				27.90910	10.81500	85.00000	0.0	0.0	0.50583
				28.66340	10.81500	85.00000	0.0	0.0	0.55035
				29.41770	10.81500	85.00000	0.0	0.0	0.58993
				30.17200	10.81500	85.00000	0.0	0.0	0.62444
				30.92630	10.81500	85.00000	0.0	0.0	0.65374
				31.68060	10.81500	85.00000	0.0	0.0	0.67773
				32.43490	10.81500	85.00000	0.0	0.0	0.69630
				33.18920	10.81500	85.00000	0.0	0.0	0.70939
				33.94350	10.81500	85.00000	0.0	0.0	0.71701
				34.69780	10.81500	85.00000	0.0	0.0	0.72256
				35.45210	10.81500	85.00000	0.0	0.0	0.72812
				36.20640	10.81500	85.00000	0.0	0.0	0.73368
				36.96070	10.81500	85.00000	0.0	0.0	0.73924
				37.71500	10.81500	85.00000	0.0	0.0	0.74480
				38.46930	10.81500	85.00000	0.0	0.0	0.75035
				39.22360	10.81500	85.00000	0.0	0.0	0.75591
				39.97790	10.81500	85.00000	0.0	0.0	0.76147
				40.73220	10.81500	85.00000	0.0	0.0	0.76703
				41.48650	10.81500	85.00000	0.0	0.0	0.77259
				42.24080	10.81500	85.00000	0.0	0.0	0.77814
				42.99510	10.81500	85.00000	0.0	0.0	0.78262
				43.74940	10.81500	85.00000	0.0	0.0	0.78186
				44.50370	10.81500	85.00000	0.0	0.0	0.77543
				45.25800	10.81500	85.00000	0.0	0.0	0.76397
				46.01230	10.81500	85.00000	0.0	0.0	0.74573
				46.76660	10.81500	85.00000	0.0	0.0	0.72258
				47.52090	10.81500	85.00000	0.0	0.0	0.69402
				48.27520	10.81500	85.00000	0.0	0.0	0.66015
				49.02950	10.81500	85.00000	0.0	0.0	0.62111
				49.78380	10.81500	85.00000	0.0	0.0	0.57703
				50.53810	10.81500	85.00000	0.0	0.0	0.52808
				51.29240	10.81500	85.00000	0.0	0.0	0.47442
				52.04670	10.81500	85.00000	0.0	0.0	0.41622
				52.80100	10.81500	85.00000	0.0	0.0	0.35367
				53.55530	10.81500	85.00000	0.0	0.0	0.28693
				54.30960	10.81500	85.00000	0.0	0.0	0.21620
				55.06390	10.81500	85.00000	0.0	0.0	0.14166
				55.81820	10.81500	85.00000	0.0	0.0	0.063484
				56.57250	10.81500	85.00000	0.0	0.0	0.0
				57.32680	10.81500	85.00000	0.0	0.0	0.0
				58.08110	10.81500	85.00000	0.0	0.0	0.0
				58.83540	10.81500	85.00000	0.0	0.0	0.0
				59.58970	10.81500	85.00000	0.0	0.0	0.0
				60.34400	10.81500	85.00000	0.0	0.0	0.0
				61.09830	10.81500	85.00000	0.0	0.0	0.0
				61.85260	10.81500	85.00000	0.0	0.0	0.0
				62.60690	10.81500	85.00000	0.0	0.0	0.0
				63.36120	10.81500	85.00000	0.0	0.0	0.0
				64.11550	10.81500	85.00000	0.0	0.0	0.0
				64.86980	10.81500	85.00000	0.0	0.0	0.0
				65.62410	10.81500	85.00000	0.0	0.0	0.0
				66.37840	10.81500	85.00000	0.0	0.0	0.0
				67.13270	10.81500	85.00000	0.0	0.0	0.0
				67.88700	10.81500	85.00000	0.0	0.0	0.0
				68.64130	10.81500	85.00000	0.0	0.0	0.0
				69.39560	10.81500	85.00000	0.0	0.0	0.0
				70.14990	10.81500	85.00000	0.0	0.0	0.0
				70.90420	10.81500	85.00000	0.0	0.0	0.0

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD				Job No.		Sheet No.		Rev.	
				3500					
				Drg. Ref.					
				Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				71.65850	10.81500	85.00000	0.0	0.0	0.0
				72.41280	10.81500	85.00000	0.0	0.0	0.0
				73.16710	10.81500	85.00000	0.0	0.0	0.0
				73.92140	10.81500	85.00000	0.0	0.0	0.0
				74.67570	10.81500	85.00000	0.0	0.0	0.0
				75.43000	10.81500	85.00000	0.0	0.0	0.0
				0.00000	11.53600	85.00000	0.0	0.0	0.0
				0.75430	11.53600	85.00000	0.0	0.0	0.0
				1.50860	11.53600	85.00000	0.0	0.0	0.0
				2.26290	11.53600	85.00000	0.0	0.0	0.0
				3.01720	11.53600	85.00000	0.0	0.0	0.0
				3.77150	11.53600	85.00000	0.0	0.0	0.0
				4.52580	11.53600	85.00000	0.0	0.0	0.0
				5.28010	11.53600	85.00000	0.0	0.0	0.0
				6.03440	11.53600	85.00000	0.0	0.0	0.0
				6.78870	11.53600	85.00000	0.0	0.0	0.0
				7.54300	11.53600	85.00000	0.0	0.0	0.0
				8.29730	11.53600	85.00000	0.0	0.0	0.0
				9.05160	11.53600	85.00000	0.0	0.0	0.0
				9.80590	11.53600	85.00000	0.0	0.0	0.0
				10.56020	11.53600	85.00000	0.0	0.0	0.0
				11.31450	11.53600	85.00000	0.0	0.0	0.0
				12.06880	11.53600	85.00000	0.0	0.0	0.0
				12.82310	11.53600	85.00000	0.0	0.0	0.0
				13.57740	11.53600	85.00000	0.0	0.0	0.0
				14.33170	11.53600	85.00000	0.0	0.0	0.0
				15.08600	11.53600	85.00000	0.0	0.0	0.0
				15.84030	11.53600	85.00000	0.0	0.0	0.0
				16.59460	11.53600	85.00000	0.0	0.0	0.0
				17.34890	11.53600	85.00000	0.0	0.0	0.0
				18.10320	11.53600	85.00000	0.0	0.0	0.0
				18.85750	11.53600	85.00000	0.0	0.0	0.0
				19.61180	11.53600	85.00000	0.0	0.0	0.0
				20.36610	11.53600	85.00000	0.0	0.0	0.0
				21.12040	11.53600	85.00000	0.0	0.0	0.040504
				21.87470	11.53600	85.00000	0.0	0.0	0.11714
				22.62900	11.53600	85.00000	0.0	0.0	0.19377
				23.38330	11.53600	85.00000	0.0	0.0	0.26988
				24.13760	11.53600	85.00000	0.0	0.0	0.34259
				24.89190	11.53600	85.00000	0.0	0.0	0.41132
				25.64620	11.53600	85.00000	0.0	0.0	0.47588
				26.40050	11.53600	85.00000	0.0	0.0	0.53607
				27.15480	11.53600	85.00000	0.0	0.0	0.59171
				27.90910	11.53600	85.00000	0.0	0.0	0.64262
				28.66340	11.53600	85.00000	0.0	0.0	0.68863
				29.41770	11.53600	85.00000	0.0	0.0	0.72956
				30.17200	11.53600	85.00000	0.0	0.0	0.76526
				30.92630	11.53600	85.00000	0.0	0.0	0.79559
				31.68060	11.53600	85.00000	0.0	0.0	0.82043
				32.43490	11.53600	85.00000	0.0	0.0	0.83968
				33.18920	11.53600	85.00000	0.0	0.0	0.85324
				33.94350	11.53600	85.00000	0.0	0.0	0.86111
				34.69780	11.53600	85.00000	0.0	0.0	0.86667
				35.45210	11.53600	85.00000	0.0	0.0	0.87222
				36.20640	11.53600	85.00000	0.0	0.0	0.87778
				36.96070	11.53600	85.00000	0.0	0.0	0.88334
				37.71500	11.53600	85.00000	0.0	0.0	0.88890
				38.46930	11.53600	85.00000	0.0	0.0	0.89446
				39.22360	11.53600	85.00000	0.0	0.0	0.90001
				39.97790	11.53600	85.00000	0.0	0.0	0.90557
				40.73220	11.53600	85.00000	0.0	0.0	0.91113
				41.48650	11.53600	85.00000	0.0	0.0	0.91669
				42.24080	11.53600	85.00000	0.0	0.0	0.92225
				42.99510	11.53600	85.00000	0.0	0.0	0.92681
				43.74940	11.53600	85.00000	0.0	0.0	0.92601
				44.50370	11.53600	85.00000	0.0	0.0	0.91935
				45.25800	11.53600	85.00000	0.0	0.0	0.90684
				46.01230	11.53600	85.00000	0.0	0.0	0.88856
				46.76660	11.53600	85.00000	0.0	0.0	0.86457
				47.52090	11.53600	85.00000	0.0	0.0	0.83498
				48.27520	11.53600	85.00000	0.0	0.0	0.79992
				49.02950	11.53600	85.00000	0.0	0.0	0.75952
				49.78380	11.53600	85.00000	0.0	0.0	0.71396
				50.53810	11.53600	85.00000	0.0	0.0	0.66338
				51.29240	11.53600	85.00000	0.0	0.0	0.60799
				52.04670	11.53600	85.00000	0.0	0.0	0.54797
				52.80100	11.53600	85.00000	0.0	0.0	0.48350
				53.55530	11.53600	85.00000	0.0	0.0	0.41479
				54.30960	11.53600	85.00000	0.0	0.0	0.34203
				55.06390	11.53600	85.00000	0.0	0.0	0.26542
				55.81820	11.53600	85.00000	0.0	0.0	0.18515
				56.57250	11.53600	85.00000	0.0	0.0	0.10140
				57.32680	11.53600	85.00000	0.0	0.0	0.014363
				58.08110	11.53600	85.00000	0.0	0.0	0.0
				58.83540	11.53600	85.00000	0.0	0.0	0.0
				59.58970	11.53600	85.00000	0.0	0.0	0.0
				60.34400	11.53600	85.00000	0.0	0.0	0.0
				61.09830	11.53600	85.00000	0.0	0.0	0.0
				61.85260	11.53600	85.00000	0.0	0.0	0.0
				62.60690	11.53600	85.00000	0.0	0.0	0.0
				63.36120	11.53600	85.00000	0.0	0.0	0.0
				64.11550	11.53600	85.00000	0.0	0.0	0.0
				64.86980	11.53600	85.00000	0.0	0.0	0.0
				65.62410	11.53600	85.00000	0.0	0.0	0.0
				66.37840	11.53600	85.00000	0.0	0.0	0.0
				67.13270	11.53600	85.00000	0.0	0.0	0.0
				67.88700	11.53600	85.00000	0.0	0.0	0.0
				68.64130	11.53600	85.00000	0.0	0.0	0.0
				69.39560	11.53600	85.00000	0.0	0.0	0.0
				70.14990	11.53600	85.00000	0.0	0.0	0.0
				70.90420	11.53600	85.00000	0.0	0.0	0.0
				71.65850	11.53600	85.00000	0.0	0.0	0.0
				72.41280	11.53600	85.00000	0.0	0.0	0.0
				73.16710	11.53600	85.00000	0.0	0.0	0.0
				73.92140	11.53600	85.00000	0.0	0.0	0.0
				74.67570	11.53600	85.00000	0.0	0.0	0.0
				75.43000	11.53600	85.00000	0.0	0.0	0.0
				0.00000	12.25700	85.00000	0.0	0.0	0.0
				0.75430	12.25700	85.00000	0.0	0.0	0.0
				1.50860	12.25700	85.00000	0.0	0.0	0.0
				2.26290	12.25700	85.00000	0.0	0.0	0.0
				3.01720	12.25700	85.00000	0.0	0.0	0.0
				3.77150	12.25700	85.00000	0.0	0.0	0.0
				4.52580	12.25700	85.00000	0.0	0.0	0.0
				5.28010	12.25700	85.00000	0.0	0.0	0.0
				6.03440	12.25700	85.00000	0.0	0.0	0.0
				6.78870	12.25700	85.00000	0.0	0.0	0.0
				7.54300	12.25700	85.00000	0.0	0.0	0.0

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.	Sheet No.		Rev.
										3500			
										Drg. Ref.			
										Made by PES	Date 01-Nov-2024	Checked	Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz				
				[m]	[m]	[m]	[mm]	[mm]	[mm]				
				17.34890	12.25700	85.00000	0.0	0.0	0.0				
				18.10320	12.25700	85.00000	0.0	0.0	0.0				
				18.85750	12.25700	85.00000	0.0	0.0	0.0				
				19.61180	12.25700	85.00000	0.0	0.0	0.0072273				
				20.36610	12.25700	85.00000	0.0	0.0	0.087543				
				21.12040	12.25700	85.00000	0.0	0.0	0.16471				
				21.87470	12.25700	85.00000	0.0	0.0	0.24135				
				22.62900	12.25700	85.00000	0.0	0.0	0.31798				
				23.38330	12.25700	85.00000	0.0	0.0	0.39462				
				24.13760	12.25700	85.00000	0.0	0.0	0.46942				
				24.89190	12.25700	85.00000	0.0	0.0	0.54019				
				25.64620	12.25700	85.00000	0.0	0.0	0.60673				
				26.40050	12.25700	85.00000	0.0	0.0	0.66883				
				27.15480	12.25700	85.00000	0.0	0.0	0.72629				
				27.90910	12.25700	85.00000	0.0	0.0	0.77891				
				28.66340	12.25700	85.00000	0.0	0.0	0.82649				
				29.41770	12.25700	85.00000	0.0	0.0	0.86885				
				30.17200	12.25700	85.00000	0.0	0.0	0.90583				
				30.92630	12.25700	85.00000	0.0	0.0	0.93726				
				31.68060	12.25700	85.00000	0.0	0.0	0.96302				
				32.43490	12.25700	85.00000	0.0	0.0	0.98299				
				33.18920	12.25700	85.00000	0.0	0.0	0.99707				
				33.94350	12.25700	85.00000	0.0	0.0	1.0052				
				34.69780	12.25700	85.00000	0.0	0.0	1.0108				
				35.45210	12.25700	85.00000	0.0	0.0	1.0163				
				36.20640	12.25700	85.00000	123.86E-6	0.0033596	1.0264				
				36.96070	12.25700	85.00000	498.39E-6	0.013519	1.0342				
				37.71500	12.25700	85.00000	886.81E-6	0.024055	1.0418				
				38.46930	12.25700	85.00000	0.0012657	0.034332	1.0495				
				39.22360	12.25700	85.00000	0.0015761	0.042752	1.0566				
				39.97790	12.25700	85.00000	0.0018549	0.050314	1.0634				
				40.73220	12.25700	85.00000	0.0021020	0.057018	1.0700				
				41.48650	12.25700	85.00000	0.0023175	0.062863	1.0764				
				42.24080	12.25700	85.00000	0.0025014	0.067851	1.0827				
				42.99510	12.25700	85.00000	0.0015617	0.071766	1.0880				
				43.74940	12.25700	85.00000	-488.52E-6	0.068615	1.0868				
				44.50370	12.25700	85.00000	-0.0021630	0.057438	1.0779				
				45.25800	12.25700	85.00000	-0.0027260	0.039003	1.0615				
				46.01230	12.25700	85.00000	-0.0014639	0.014097	1.0374				
				46.76660	12.25700	85.00000	0.0	0.0	1.0064				
				47.52090	12.25700	85.00000	0.0	0.0	0.97570				
				48.27520	12.25700	85.00000	0.0	0.0	0.93936				
				49.02950	12.25700	85.00000	0.0	0.0	0.89752				
				49.78380	12.25700	85.00000	0.0	0.0	0.85036				
				50.53810	12.25700	85.00000	0.0	0.0	0.79807				
				51.29240	12.25700	85.00000	0.0	0.0	0.74084				
				52.04670	12.25700	85.00000	0.0	0.0	0.67887				
				52.80100	12.25700	85.00000	0.0	0.0	0.61239				
				53.55530	12.25700	85.00000	0.0	0.0	0.54160				
				54.30960	12.25700	85.00000	0.0	0.0	0.46671				
				55.06390	12.25700	85.00000	0.0	0.0	0.38794				
				55.81820	12.25700	85.00000	0.0	0.0	0.30548				
				56.57250	12.25700	85.00000	0.0	0.0	0.21953				
				57.32680	12.25700	85.00000	0.0	0.0	0.13029				
				58.08110	12.25700	85.00000	0.0	0.0	0.037941				
				58.83540	12.25700	85.00000	0.0	0.0	0.0				
				59.58970	12.25700	85.00000	0.0	0.0	0.0				
				60.34400	12.25700	85.00000	0.0	0.0	0.0				
				61.09830	12.25700	85.00000	0.0	0.0	0.0				
				61.85260	12.25700	85.00000	0.0	0.0	0.0				
				62.60690	12.25700	85.00000	0.0	0.0	0.0				
				63.36120	12.25700	85.00000	0.0	0.0	0.0				
				64.11550	12.25700	85.00000	0.0	0.0	0.0				
				64.86980	12.25700	85.00000	0.0	0.0	0.0				
				65.62410	12.25700	85.00000	0.0	0.0	0.0				
				66.37840	12.25700	85.00000	0.0	0.0	0.0				
				67.13270	12.25700	85.00000	0.0	0.0	0.0				
				67.88700	12.25700	85.00000	0.0	0.0	0.0				
				68.64130	12.25700	85.00000	0.0	0.0	0.0				
				69.39560	12.25700	85.00000	0.0	0.0	0.0				
				70.14990	12.25700	85.00000	0.0	0.0	0.0				
				70.90420	12.25700	85.00000	0.0	0.0	0.0				
				71.65850	12.25700	85.00000	0.0	0.0	0.0				
				72.41280	12.25700	85.00000	0.0	0.0	0.0				
				73.16710	12.25700	85.00000	0.0	0.0	0.0				
				73.92140	12.25700	85.00000	0.0	0.0	0.0				
				74.67570	12.25700	85.00000	0.0	0.0	0.0				
				75.43000	12.25700	85.00000	0.0	0.0	0.0				
				0.00000	12.97800	85.00000	0.0	0.0	0.0				
				0.75430	12.97800	85.00000	0.0	0.0	0.0				
				1.50860	12.97800	85.00000	0.0	0.0	0.0				
				2.26290	12.97800	85.00000	0.0	0.0	0.0				
				3.01720	12.97800	85.00000	0.0	0.0	0.0				
				3.77150	12.97800	85.00000	0.0	0.0	0.0				
				4.52580	12.97800	85.00000	0.0	0.0	0.0				
				5.28010	12.97800	85.00000	0.0	0.0	0.0				
				6.03440	12.97800	85.00000	0.0	0.0	0.0				
				6.78870	12.97800	85.00000	0.0	0.0	0.0				
				7.54300	12.97800	85.00000	0.0	0.0	0.0				
				8.29730	12.97800	85.00000	0.0	0.0	0.0				
				9.05160	12.97800	85.00000	0.0	0.0	0.0				
				9.80590	12.97800	85.00000	0.0	0.0	0.0				
				10.56020	12.97800	85.00000	0.0	0.0	0.0				
				11.31450	12.97800	85.00000	0.0	0.0	0.0				
				12.06880	12.97800	85.00000	0.0	0.0	0.0				
				12.82310	12.97800	85.00000	0.0	0.0	0.0				
				13.57740	12.97800	85.00000	0.0	0.0	0.0				
				14.33170	12.97800	85.00000	0.0	0.0	0.0				
				15.08600	12.97800	85.00000	0.0	0.0	0.0				
				15.84030	12.97800	85.00000	0.0	0.0	0.0				
				16.59460	12.97800	85.00000	0.0	0.0	0.0				
				17.34890	12.97800	85.00000	0.0	0.0	0.0				
				18.10320	12.97800	85.00000	0.0	0.0	0.0				
				18.85750	12.97800	85.00000	0.0	0.0	0.041820				
				19.61180	12.97800	85.00000	0.0	0.0	0.12760				
				20.36610	12.97800	85.00000	0.0	0.0	0.21002				
				21.12040	12.97800	85.00000	0.0	0.0	0.28890				
				21.87470	12.97800	85.00000	0.0	0.0	0.36556				
				22.62900	12.97800	85.00000	0.0	0.0	0.44219				
				23.38330	12.97800	85.00000	0.0	0.0	0.51				



Highgate Cemetery
B1

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				39.22360	12.97800	85.00000	0.011011	0.29866	1.2402
				39.97790	12.97800	85.00000	0.010880	0.29512	1.2447
				40.73220	12.97800	85.00000	0.010718	0.29071	1.2490
				41.48650	12.97800	85.00000	0.010787	0.29261	1.2532
				42.24080	12.97800	85.00000	0.010742	0.29138	1.2573
				42.99510	12.97800	85.00000	0.0064048	0.29084	1.2614
				43.74940	12.97800	85.00000	-0.0023279	0.28056	1.2598
				44.50370	12.97800	85.00000	-0.010306	0.25670	1.2509
				45.25800	12.97800	85.00000	-0.016374	0.22305	1.2346
				46.01230	12.97800	85.00000	-0.020863	0.19147	1.2110
				46.76660	12.97800	85.00000	-0.022574	0.15417	1.1801
				47.52090	12.97800	85.00000	-0.020812	0.11201	1.1417
				48.27520	12.97800	85.00000	-0.014950	0.065822	1.0957
				49.02950	12.97800	85.00000	-0.0044317	0.016390	1.0418
				49.78380	12.97800	85.00000	0.0	0.0	0.98620
				50.53810	12.97800	85.00000	0.0	0.0	0.93206
				51.29240	12.97800	85.00000	0.0	0.0	0.87288
				52.04670	12.97800	85.00000	0.0	0.0	0.80887
				52.80100	12.97800	85.00000	0.0	0.0	0.74026
				53.55530	12.97800	85.00000	0.0	0.0	0.66727
				54.30960	12.97800	85.00000	0.0	0.0	0.59015
				55.06390	12.97800	85.00000	0.0	0.0	0.50911
				55.81820	12.97800	85.00000	0.0	0.0	0.42436
				56.57250	12.97800	85.00000	0.0	0.0	0.33612
				57.32680	12.97800	85.00000	0.0	0.0	0.24460
				58.08110	12.97800	85.00000	0.0	0.0	0.14998
				58.83540	12.97800	85.00000	0.0	0.0	0.052454
				59.58970	12.97800	85.00000	0.0	0.0	0.0
				60.34400	12.97800	85.00000	0.0	0.0	0.0
				61.09830	12.97800	85.00000	0.0	0.0	0.0
				61.85260	12.97800	85.00000	0.0	0.0	0.0
				62.60690	12.97800	85.00000	0.0	0.0	0.0
				63.36120	12.97800	85.00000	0.0	0.0	0.0
				64.11550	12.97800	85.00000	0.0	0.0	0.0
				64.86980	12.97800	85.00000	0.0	0.0	0.0
				65.62410	12.97800	85.00000	0.0	0.0	0.0
				66.37840	12.97800	85.00000	0.0	0.0	0.0
				67.13270	12.97800	85.00000	0.0	0.0	0.0
				67.88700	12.97800	85.00000	0.0	0.0	0.0
				68.64130	12.97800	85.00000	0.0	0.0	0.0
				69.39560	12.97800	85.00000	0.0	0.0	0.0
				70.14990	12.97800	85.00000	0.0	0.0	0.0
				70.90420	12.97800	85.00000	0.0	0.0	0.0
				71.65850	12.97800	85.00000	0.0	0.0	0.0
				72.41280	12.97800	85.00000	0.0	0.0	0.0
				73.16710	12.97800	85.00000	0.0	0.0	0.0
				73.92140	12.97800	85.00000	0.0	0.0	0.0
				74.67570	12.97800	85.00000	0.0	0.0	0.0
				75.43000	12.97800	85.00000	0.0	0.0	0.0
				0.00000	13.69900	85.00000	0.0	0.0	0.0
				0.75430	13.69900	85.00000	0.0	0.0	0.0
				1.50860	13.69900	85.00000	0.0	0.0	0.0
				2.26290	13.69900	85.00000	0.0	0.0	0.0
				3.01720	13.69900	85.00000	0.0	0.0	0.0
				3.77150	13.69900	85.00000	0.0	0.0	0.0
				4.52580	13.69900	85.00000	0.0	0.0	0.0
				5.28010	13.69900	85.00000	0.0	0.0	0.0
				6.03440	13.69900	85.00000	0.0	0.0	0.0
				6.78870	13.69900	85.00000	0.0	0.0	0.0
				7.54300	13.69900	85.00000	0.0	0.0	0.0
				8.29730	13.69900	85.00000	0.0	0.0	0.0
				9.05160	13.69900	85.00000	0.0	0.0	0.0
				9.80590	13.69900	85.00000	0.0	0.0	0.0
				10.56020	13.69900	85.00000	0.0	0.0	0.0
				11.31450	13.69900	85.00000	0.0	0.0	0.0
				12.06880	13.69900	85.00000	0.0	0.0	0.0
				12.82310	13.69900	85.00000	0.0	0.0	0.0
				13.57740	13.69900	85.00000	0.0	0.0	0.0
				14.33170	13.69900	85.00000	0.0	0.0	0.0
				15.08600	13.69900	85.00000	0.0	0.0	0.0
				15.84030	13.69900	85.00000	0.0	0.0	0.0
				16.59460	13.69900	85.00000	0.0	0.0	0.0
				17.34890	13.69900	85.00000	0.0	0.0	0.0
				18.10320	13.69900	85.00000	0.0	0.0	0.067454
				18.85750	13.69900	85.00000	0.0	0.0	0.15861
				19.61180	13.69900	85.00000	0.0	0.0	0.24658
				20.36610	13.69900	85.00000	0.0	0.0	0.33120
				21.12040	13.69900	85.00000	0.0	0.0	0.41226
				21.87470	13.69900	85.00000	0.0	0.0	0.48977
				22.62900	13.69900	85.00000	0.0	0.0	0.56640
				23.38330	13.69900	85.00000	0.0	0.0	0.64303
				24.13760	13.69900	85.00000	0.0	0.0	0.71967
				24.89190	13.69900	85.00000	0.0	0.0	0.79481
				25.64620	13.69900	85.00000	0.0	0.0	0.86565
				26.40050	13.69900	85.00000	0.0	0.0	0.93191
				27.15480	13.69900	85.00000	0.0	0.0	0.99333
				27.90910	13.69900	85.00000	0.016797	0.043409	1.0627
				28.66340	13.69900	85.00000	0.040430	0.11833	1.1278
				29.41770	13.69900	85.00000	0.054801	0.18551	1.1838
				30.17200	13.69900	85.00000	0.062117	0.24933	1.2324
				30.92630	13.69900	85.00000	0.066700	0.32661	1.2732
				31.68060	13.69900	85.00000	0.064408	0.40115	1.3067
				32.43490	13.69900	85.00000	0.054663	0.46298	1.3326
				33.18920	13.69900	85.00000	0.039250	0.51097	1.3511
				33.94350	13.69900	85.00000	0.020071	0.54400	1.3621
				34.69780	13.69900	85.00000	0.020928	0.56768	1.3701
				35.45210	13.69900	85.00000	0.021815	0.59173	1.3780
				36.20640	13.69900	85.00000	0.022716	0.61617	1.3860
				36.96070	13.69900	85.00000	0.023630	0.64098	1.3940
				37.71500	13.69900	85.00000	0.024559	0.66617	1.4020
				38.46930	13.69900	85.00000	0.025203	0.68363	1.4089
				39.22360	13.69900	85.00000	0.024875	0.67473	1.4121
				39.97790	13.69900	85.00000	0.024515	0.66498	1.4151
				40.73220	13.69900	85.00000	0.024124	0.65437	1.4180
				41.48650	13.69900	85.00000	0.023701	0.64290	1.4209
				42.24080	13.69900	85.00000	0.023247	0.63057	1.4237
				42.99510	13.69900	85.00000	0.013643	0.61980	1.4269
				43.74940	13.69900	85.00000	-0.0063223	0.60024	1.4250
				44.50370	13.69900	85.00000	-0.025435	0.56658	1.4156
				45.25800	13.69900	85.00000	-0.042146	0.52016	1.3998
				46.01230	13.69900	85.00000	-0.054963	0.46241	1.3748
				46.76660	13.69900	85.00000	-0.062483	0.39474	1.3435
				47.52090	13.69900	85.00000	-0.063412	0.31852	1.3051
				48.27520	13.69900	85.00000	-0.056589	0.23510	1.2596
				49.02950	13.69900	85.00000	-0.046605	0.16372	1.2070
				49.78380	13.69900	85.00000	-0.035008	0.10530	1.1470
				50.53810	13.69900	85.00000	-0.017349	0.045370	1.0790
				51.29240	13.69900	85.00000	0.0	0.0	1.0040
				52.04670	13.69900	85.00000	0.0	0.0	0.93785
				52.80100	13.69900	85.00000	0.0	0.0	0.86699
				53.55530	13.69900	85.00000	0.0	0.0	0.79170
				54.30960	13.69900	85.00000	0.0	0.0	0.71223
				55.06390	13.69900	85.00000	0.0	0.0	0.62881
				55.81820	13.69900	85.00000	0.0	0.0	0.54168
				56.57250	13.69900	85.00000	0.0	0.0	0.45106
				57.32680	13.69900	85.00000	0.0	0.0	0.35717
				58.08110	13.69900	85.00000	0.0	0.0	0.26021
				58.83540	13.69900	85.00000	0.0	0.0	0.16036
				59.58970	13.69900	85.00000	0.0	0.0	0.057819
				60.34400	13.69900	85.00000	0.0	0.0	0.0

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				61.09830	13.69900	85.00000	0.0	0.0	0.0						
				61.85260	13.69900	85.00000	0.0	0.0	0.0						
				62.60690	13.69900	85.00000	0.0	0.0	0.0						
				63.36120	13.69900	85.00000	0.0	0.0	0.0						
				64.11550	13.69900	85.00000	0.0	0.0	0.0						
				64.86980	13.69900	85.00000	0.0	0.0	0.0						
				65.62410	13.69900	85.00000	0.0	0.0	0.0						
				66.37840	13.69900	85.00000	0.0	0.0	0.0						
				67.13270	13.69900	85.00000	0.0	0.0	0.0						
				67.88700	13.69900	85.00000	0.0	0.0	0.0						
				68.64130	13.69900	85.00000	0.0	0.0	0.0						
				69.39560	13.69900	85.00000	0.0	0.0	0.0						
				70.14990	13.69900	85.00000	0.0	0.0	0.0						
				70.90420	13.69900	85.00000	0.0	0.0	0.0						
				71.65850	13.69900	85.00000	0.0	0.0	0.0						
				72.41280	13.69900	85.00000	0.0	0.0	0.0						
				73.16710	13.69900	85.00000	0.0	0.0	0.0						
				73.92140	13.69900	85.00000	0.0	0.0	0.0						
				74.67570	13.69900	85.00000	0.0	0.0	0.0						
				75.43000	13.69900	85.00000	0.0	0.0	0.0						
				0.00000	14.42000	85.00000	0.0	0.0	0.0						
				0.75430	14.42000	85.00000	0.0	0.0	0.0						
				1.50860	14.42000	85.00000	0.0	0.0	0.0						
				2.26290	14.42000	85.00000	0.0	0.0	0.0						
				3.01720	14.42000	85.00000	0.0	0.0	0.0						
				3.77150	14.42000	85.00000	0.0	0.0	0.0						
				4.52580	14.42000	85.00000	0.0	0.0	0.0						
				5.28010	14.42000	85.00000	0.0	0.0	0.0						
				6.03440	14.42000	85.00000	0.0	0.0	0.0						
				6.78870	14.42000	85.00000	0.0	0.0	0.0						
				7.54300	14.42000	85.00000	0.0	0.0	0.0						
				8.29730	14.42000	85.00000	0.0	0.0	0.0						
				9.05160	14.42000	85.00000	0.0	0.0	0.0						
				9.80590	14.42000	85.00000	0.0	0.0	0.0						
				10.56020	14.42000	85.00000	0.0	0.0	0.0						
				11.31450	14.42000	85.00000	0.0	0.0	0.0						
				12.06880	14.42000	85.00000	0.0	0.0	0.0						
				12.82310	14.42000	85.00000	0.0	0.0	0.0						
				13.57740	14.42000	85.00000	0.0	0.0	0.0						
				14.33170	14.42000	85.00000	0.0	0.0	0.0						
				15.08600	14.42000	85.00000	0.0	0.0	0.0						
				15.84030	14.42000	85.00000	0.0	0.0	0.0						
				16.59460	14.42000	85.00000	0.0	0.0	0.0						
				17.34890	14.42000	85.00000	0.0	0.0	0.083984						
				18.10320	14.42000	85.00000	0.0	0.0	0.18039						
				18.85750	14.42000	85.00000	0.0	0.0	0.27381						
				19.61180	14.42000	85.00000	0.0	0.0	0.36407						
				20.36610	14.42000	85.00000	0.0	0.0	0.45097						
				21.12040	14.42000	85.00000	0.0	0.0	0.53431						
				21.87470	14.42000	85.00000	0.0	0.0	0.61386						
				22.62900	14.42000	85.00000	0.0	0.0	0.69061						
				23.38330	14.42000	85.00000	0.0	0.0	0.76724						
				24.13760	14.42000	85.00000	0.0	0.0	0.84388						
				24.89190	14.42000	85.00000	0.0	0.0	0.92034						
				25.64620	14.42000	85.00000	0.0	0.0	0.99352						
				26.40050	14.42000	85.00000	0.030187	0.061126	1.0791						
				27.15480	14.42000	85.00000	0.069198	0.15394	1.1596						
				27.90910	14.42000	85.00000	0.096784	0.23963	1.2305						
				28.66340	14.42000	85.00000	0.12497	0.35027	1.2930						
				29.41770	14.42000	85.00000	0.14198	0.45951	1.3477						
				30.17200	14.42000	85.00000	0.14692	0.56293	1.3960						
				30.92630	14.42000	85.00000	0.14097	0.65871	1.4376						
				31.68060	14.42000	85.00000	0.12493	0.74284	1.4721						
				32.43490	14.42000	85.00000	0.10057	0.81402	1.4992						
				33.18920	14.42000	85.00000	0.069888	0.87098	1.5188						
				33.94350	14.42000	85.00000	0.034989	0.91245	1.5305						
				34.69780	14.42000	85.00000	0.034699	0.94120	1.5390						
				35.45210	14.42000	85.00000	0.035767	0.97017	1.5475						
				36.20640	14.42000	85.00000	0.036848	0.99951	1.5560						
				36.96070	14.42000	85.00000	0.037944	1.0292	1.5646						
				37.71500	14.42000	85.00000	0.039053	1.0593	1.5733						
				38.46930	14.42000	85.00000	0.039803	1.0797	1.5806						
				39.22360	14.42000	85.00000	0.039067	1.0597	1.5827						
				39.97790	14.42000	85.00000	0.038299	1.0389	1.5848						
				40.73220	14.42000	85.00000	0.037500	1.0172	1.5867						
				41.48650	14.42000	85.00000	0.036669	0.99464	1.5885						
				42.24080	14.42000	85.00000	0.035806	0.97124	1.5903						
				42.99510	14.42000	85.00000	0.021254	0.94976	1.5928						
				43.74940	14.42000	85.00000	-0.010953	0.92009	1.5906						
				44.50370	14.42000	85.00000	-0.042189	0.87571	1.5803						
				45.25800	14.42000	85.00000	-0.070714	0.81817	1.5622						
				46.01230	14.42000	85.00000	-0.094859	0.74904	1.5364						
				46.76660	14.42000	85.00000	-0.11306	0.66992	1.5034						
				47.52090	14.42000	85.00000	-0.12390	0.58235	1.4633						
				48.27520	14.42000	85.00000	-0.12612	0.48784	1.4163						
				49.02950	14.42000	85.00000	-0.11863	0.38776	1.3628						
				49.78380	14.42000	85.00000	-0.10053	0.28340	1.3026						
				50.53810	14.42000	85.00000	-0.070814	0.17526	1.2356						
				51.29240	14.42000	85.00000	-0.049809	0.10844	1.1614						
				52.04670	14.42000	85.00000	-0.021597	0.041783	1.0791						
				52.80100	14.42000	85.00000	0.0	0.0	0.99248						
				53.55530	14.42000	85.00000	0.0	0.0	0.91476						
				54.30960	14.42000	85.00000	0.0	0.0	0.83282						
				55.06390	14.42000	85.00000	0.0	0.0	0.74692						
				55.81820	14.42000	85.00000	0.0	0.0	0.65731						
				56.57250	14.42000	85.00000	0.0	0.0	0.56421						
				57.32680	14.42000	85.00000	0.0	0.0	0.46787						
				58.08110	14.42000	85.00000	0.0	0.0	0.36848						
				58.83540	14.42000	85.00000	0.0	0.0	0.26625						
				59.58970	14.42000	85.00000	0.0	0.0	0.16137						
				60.34400	14.42000	85.00000	0.0	0.0	0.054004						
				61.09830	14.42000	85.00000	0.0	0.0	0.0						
				61.85260	14.42000	85.00000	0.0	0.0	0.0						
				62.60690	14.42000	85.00000	0.0	0.0	0.0						
				63.36120	14.42000	85.00000	0.0	0.0	0.0						
				64.11550	14.42000	85.00000	0.0	0.0	0.0						
				64.86980	14.42000	85.00000	0.0	0.0	0.0						
				65.62410	14.42000	85.00000	0.0	0.0	0.0						
				66.37840	14.42000	85.00000	0.0	0.0	0.0						
				67.13270	14.42000	85.00000	0.0	0.0	0.0						
				67.88700	14.42000	85.00000	0.0	0.0	0.0						
				68.64130	14.42000	85.00000	0.0	0.0	0.0						
				69.39560	14.42000	85.00000	0.0	0.0	0.0						
				70.14990	14.42000	85.00000	0.0	0.0	0.0						
				70.90420	14.42000	85.00000	0.0	0.0	0.0						
				71.65850	14.42000	85.00000	0.0	0.0	0.0						
				72.41280	14.42000	85.00000	0.0	0.0	0.0						
				73.16710	14.42000	85.00000	0.0	0.0	0.0						
				73.92140	14.42000	85.00000	0.0	0.0	0.0						
				74.67570	14.42000	85.00000	0.0	0.0	0.0						
				75.43000	14.42000	85.00000	0.0	0.0	0.0						
				0.00000	15.14100	85.00000	0.0	0.0	0.0						
				0.75430	15.14100	85.00000	0.0	0.0	0.0						
				1.50860	15.14100	85.00000	0.0	0.0	0.0						
				2.26290	15.14100	85.00000	0.0	0.0	0.0						
				3.01720	15.14100	85.00000	0.0	0.0	0.0						
				3.77150	15.14100	85.00000	0.0	0.0	0.0						
				4.52580	15.14100	85.00000	0.0	0.0	0.0						
				5.28010	15.14100	85.00000	0.0	0.0	0.0						
				6.03440	15.14100	85.00000	0.0	0.0	0.0						
Program XDisp Version 20.1.22.1 Copyright © Oasys 1997-2021															
C:\Users\matr\A-squared Dropbox\A2 matrix\A2-projects-3001-4000\3500...\3500_B1.xdd															
Page 29															
Time 17:58															
Printed 05-Nov-2024															



**A-SQUARED STUDIO
ENGINEERS LTD**

**Highgate Cemetery
B1**

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				6.78870	15.14100	85.00000	0.0	0.0	0.0
				7.54300	15.14100	85.00000	0.0	0.0	0.0
				8.29730	15.14100	85.00000	0.0	0.0	0.0
				9.05160	15.14100	85.00000	0.0	0.0	0.0
				9.80590	15.14100	85.00000	0.0	0.0	0.0
				10.56020	15.14100	85.00000	0.0	0.0	0.0
				11.31450	15.14100	85.00000	0.0	0.0	0.0
				12.06880	15.14100	85.00000	0.0	0.0	0.0
				12.82310	15.14100	85.00000	0.0	0.0	0.0
				13.57740	15.14100	85.00000	0.0	0.0	0.0
				14.33170	15.14100	85.00000	0.0	0.0	0.0
				15.08600	15.14100	85.00000	0.0	0.0	0.0
				15.84030	15.14100	85.00000	0.0	0.0	0.0
				16.59460	15.14100	85.00000	0.0	0.0	0.091313
				17.34890	15.14100	85.00000	0.0	0.0	0.19280
				18.10320	15.14100	85.00000	0.0	0.0	0.29153
				18.85750	15.14100	85.00000	0.0	0.0	0.38731
				19.61180	15.14100	85.00000	0.0	0.0	0.47994
				20.36610	15.14100	85.00000	0.0	0.0	0.56922
				21.12040	15.14100	85.00000	0.0	0.0	0.65493
				21.87470	15.14100	85.00000	0.0	0.0	0.73685
				22.62900	15.14100	85.00000	0.0	0.0	0.81482
				23.38330	15.14100	85.00000	0.0	0.0	0.89145
				24.13760	15.14100	85.00000	0.0	0.0	0.96809
				24.89190	15.14100	85.00000	0.021496	0.036449	1.0569
				25.64620	15.14100	85.00000	-0.081170	0.145117	1.1536
				26.40050	15.14100	85.00000	0.12797	0.24850	1.2401
				27.15480	15.14100	85.00000	0.18385	0.39223	1.3179
				27.90910	15.14100	85.00000	0.22340	0.53021	1.3880
				28.66340	15.14100	85.00000	0.24532	0.65732	1.4511
				29.41770	15.14100	85.00000	-0.25006	0.77281	1.5074
				30.17200	15.14100	85.00000	0.24116	0.88148	1.5576
				30.92630	15.14100	85.00000	0.22158	0.98782	1.6021
				31.68060	15.14100	85.00000	0.19072	1.0824	1.6395
				32.43490	15.14100	85.00000	0.15053	1.1639	1.6692
				33.18920	15.14100	85.00000	0.10322	1.2306	1.6909
				33.94350	15.14100	85.00000	0.051172	1.2814	1.7041
				34.69780	15.14100	85.00000	0.048497	1.3155	1.7135
				35.45210	15.14100	85.00000	0.049747	1.3494	1.7229
				36.20640	15.14100	85.00000	0.051030	1.3837	1.7325
				36.96070	15.14100	85.00000	0.052288	1.4183	1.7421
				37.71500	15.14100	85.00000	0.053579	1.4533	1.7519
				38.46930	15.14100	85.00000	0.054477	1.4777	1.7602
				39.22360	15.14100	85.00000	0.053334	1.4467	1.7613
				39.97790	15.14100	85.00000	0.052158	1.4148	1.7623
				40.73220	15.14100	85.00000	0.050952	1.3821	1.7632
				41.48650	15.14100	85.00000	0.049714	1.3485	1.7639
				42.24080	15.14100	85.00000	0.048444	1.3140	1.7645
				42.99510	15.14100	85.00000	0.029303	1.2814	1.7663
				43.74940	15.14100	85.00000	-0.016320	1.2407	1.7634
				44.50370	15.14100	85.00000	-0.060828	1.1845	1.7517
				45.25800	15.14100	85.00000	-0.10225	1.1148	1.7314
				46.01230	15.14100	85.00000	-0.13872	1.0332	1.7028
				46.76660	15.14100	85.00000	-0.16848	0.94156	1.6665
				47.52090	15.14100	85.00000	-0.18995	0.84163	1.6229
				48.27520	15.14100	85.00000	-0.20178	0.73507	1.5725
				49.02950	15.14100	85.00000	-0.20279	0.62342	1.5157
				49.78380	15.14100	85.00000	-0.19206	0.50807	1.4530
				50.53810	15.14100	85.00000	-0.16885	0.39028	1.3843
				51.29240	15.14100	85.00000	-0.13264	0.27111	1.3096
				52.04670	15.14100	85.00000	-0.094646	0.15434	1.2283
				52.80100	15.14100	85.00000	-0.051418	0.084024	1.1401
				53.55530	15.14100	85.00000	-0.0094349	0.013973	1.0430
				54.30960	15.14100	85.00000	0.0	0.0	0.95179
				55.06390	15.14100	85.00000	0.0	0.0	0.86329
				55.81820	15.14100	85.00000	0.0	0.0	0.77109
				56.57250	15.14100	85.00000	0.0	0.0	0.67543
				57.32680	15.14100	85.00000	0.0	0.0	0.57654
				58.08110	15.14100	85.00000	0.0	0.0	0.47466
				58.83540	15.14100	85.00000	0.0	0.0	0.36998
				59.58970	15.14100	85.00000	0.0	0.0	0.26269
				60.34400	15.14100	85.00000	0.0	0.0	0.15299
				61.09830	15.14100	85.00000	0.0	0.0	0.041032
				61.85260	15.14100	85.00000	0.0	0.0	0.0
				62.60690	15.14100	85.00000	0.0	0.0	0.0
				63.36120	15.14100	85.00000	0.0	0.0	0.0
				64.11550	15.14100	85.00000	0.0	0.0	0.0
				64.86980	15.14100	85.00000	0.0	0.0	0.0
				65.62410	15.14100	85.00000	0.0	0.0	0.0
				66.37840	15.14100	85.00000	0.0	0.0	0.0
				67.13270	15.14100	85.00000	0.0	0.0	0.0
				67.88700	15.14100	85.00000	0.0	0.0	0.0
				68.64130	15.14100	85.00000	0.0	0.0	0.0
				69.39560	15.14100	85.00000	0.0	0.0	0.0
				70.14990	15.14100	85.00000	0.0	0.0	0.0
				70.90420	15.14100	85.00000	0.0	0.0	0.0
				71.65850	15.14100	85.00000	0.0	0.0	0.0
				72.41280	15.14100	85.00000	0.0	0.0	0.0
				73.16710	15.14100	85.00000	0.0	0.0	0.0
				73.92140	15.14100	85.00000	0.0	0.0	0.0
				74.67570	15.14100	85.00000	0.0	0.0	0.0
				75.43000	15.14100	85.00000	0.0	0.0	0.0
				0.00000	15.86200	85.00000	0.0	0.0	0.0
				0.75430	15.86200	85.00000	0.0	0.0	0.0
				1.50860	15.86200	85.00000	0.0	0.0	0.0
				2.26290	15.86200	85.00000	0.0	0.0	0.0
				3.01720	15.86200	85.00000	0.0	0.0	0.0
				3.77150	15.86200	85.00000	0.0	0.0	0.0
				4.52580	15.86200	85.00000	0.0	0.0	0.0
				5.28010	15.86200	85.00000	0.0	0.0	0.0
				6.03440	15.86200	85.00000	0.0	0.0	0.0
				6.78870	15.86200	85.00000	0.0	0.0	0.0
				7.54300	15.86200	85.00000	0.0	0.0	0.0
				8.29730	15.86200	85.00000	0.0	0.0	0.0
				9.05160	15.86200	85.00000	0.0	0.0	0.0
				9.80590	15.86200	85.00000	0.0	0.0	0.0
				10.56020	15.86200	85.00000	0.0	0.0	0.0
				11.31450	15.86200	85.00000	0.0	0.0	0.0
				12.06880	15.86200	85.00000	0.0	0.0	0.0
				12.82310	15.86200	85.00000	0.0	0.0	0.0
				13.57740	15.86200	85.00000	0.0	0.0	0.0
				14.33170	15.86200	85.00000	0.0	0.0	0.0
				15.08600	15.86200	85.00000	0.0	0.0	0.0
				15.84030	15.86200	85.00000	0.0	0.0	0.089399
				16.59460	15.86200	85.00000	0.0	0.0	0.19579
				17.34890	15.86200	85.00000	0.0	0.0	0.29964
				18.10320	15.86200	85.00000	0.0	0.0	0.40076
				18.85750	15.86200	85.00000	0.0	0.0	0.49897
				19.61180	15.86200	85.00000	0.0	0.0	0.59406
				20.36610	15.86200	85.00000	0.0	0.0	0.68582
				21.12040	15.86200	85.00000	0.0	0.0	0.77401
				21.87470	15.86200	85.00000	0.0	0.0	0.85840
				22.62900	15.86200	85.00000	0.0	0.0	0.93874
				23.38330	15.86200	85.00000	0.0	0.0	1.0157
				24.13760	15.86200	85.00000	0.068023	0.11534	1.1212
				24.89190	15.86200	85.00000	0.13428	0.22769	1.2165
				25.64620	15.86200	85.00000	0.21188	0.36342	1.3057
				26.40050	15.86200	85.00000	0.28350	0.52776	1.3913
				27.15480	15.86200	85.00000	0.33437	0.68282	1.4701
				27.90910	15.86200	85.00000	0.36490	0.82781	1.5429

 A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1 Job No. 3500 Sheet No. Rev.									
Dr. Ref.									
Made by PES					Date 01-Nov-2024		Checked		Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				28.66340	15.86200	85.00000	0.37579	0.96194	1.6097
				29.41770	15.86200	85.00000	0.36807	1.0843	1.6703
				30.17200	15.86200	85.00000	0.34368	1.1961	1.7244
				30.92630	15.86200	85.00000	0.30949	1.3140	1.7741
				31.68060	15.86200	85.00000	0.26259	1.4201	1.8162
				32.43490	15.86200	85.00000	0.20518	1.5128	1.8500
				33.18920	15.86200	85.00000	0.13969	1.5904	1.8749
				33.94350	15.86200	85.00000	0.068825	1.6513	1.8903
				34.69780	15.86200	85.00000	0.062347	1.6912	1.9011
				35.45210	15.86200	85.00000	0.063780	1.7300	1.9121
				36.20640	15.86200	85.00000	0.065226	1.7693	1.9232
				36.96070	15.86200	85.00000	0.066687	1.8089	1.9345
				37.71500	15.86200	85.00000	0.068161	1.8489	1.9458
				38.46930	15.86200	85.00000	0.069250	1.8784	1.9557
				39.22360	15.86200	85.00000	0.067700	1.8364	1.9554
				39.97790	15.86200	85.00000	0.066118	1.7935	1.9550
				40.73220	15.86200	85.00000	0.064505	1.7497	1.9543
				41.48650	15.86200	85.00000	0.062861	1.7051	1.9535
				42.24080	15.86200	85.00000	0.061185	1.6596	1.9525
				42.99510	15.86200	85.00000	0.037864	1.6155	1.9530
				43.74940	15.86200	85.00000	-0.022542	1.5625	1.9493
				44.50370	15.86200	85.00000	-0.081662	1.4935	1.9356
				45.25800	15.86200	85.00000	-0.13725	1.4103	1.9121
				46.01230	15.86200	85.00000	-0.18718	1.3150	1.8794
				46.76660	15.86200	85.00000	-0.22948	1.2096	1.8383
				47.52090	15.86200	85.00000	-0.26241	1.0962	1.7894
				48.27520	15.86200	85.00000	-0.28447	0.97650	1.7335
				49.02950	15.86200	85.00000	-0.29442	0.85234	1.6714
				49.78380	15.86200	85.00000	-0.29131	0.72520	1.6037
				50.53810	15.86200	85.00000	-0.27440	0.59642	1.5307
				51.29240	15.86200	85.00000	-0.24322	0.46715	1.4528
				52.04670	15.86200	85.00000	-0.19751	0.33837	1.3697
				52.80100	15.86200	85.00000	-0.13989	0.21551	1.2820
				53.55530	15.86200	85.00000	-0.082740	0.11554	1.1871
				54.30960	15.86200	85.00000	-0.031942	0.040906	1.0834
				55.06390	15.86200	85.00000	0.0	0.0	0.97776
				55.81820	15.86200	85.00000	0.0	0.0	0.88286
				56.57250	15.86200	85.00000	0.0	0.0	0.78454
				57.32680	15.86200	85.00000	0.0	0.0	0.68303
				58.08110	15.86200	85.00000	0.0	0.0	0.57858
				58.83540	15.86200	85.00000	0.0	0.0	0.47138
				59.58970	15.86200	85.00000	0.0	0.0	0.36165
				60.34400	15.86200	85.00000	0.0	0.0	0.24956
				61.09830	15.86200	85.00000	0.0	0.0	0.13528
				61.85260	15.86200	85.00000	0.0	0.0	0.018977
				62.60690	15.86200	85.00000	0.0	0.0	0.0
				63.36120	15.86200	85.00000	0.0	0.0	0.0
				64.11550	15.86200	85.00000	0.0	0.0	0.0
				64.86980	15.86200	85.00000	0.0	0.0	0.0
				65.62410	15.86200	85.00000	0.0	0.0	0.0
				66.37840	15.86200	85.00000	0.0	0.0	0.0
				67.13270	15.86200	85.00000	0.0	0.0	0.0
				67.88700	15.86200	85.00000	0.0	0.0	0.0
				68.64130	15.86200	85.00000	0.0	0.0	0.0
				69.39560	15.86200	85.00000	0.0	0.0	0.0
				70.14990	15.86200	85.00000	0.0	0.0	0.0
				70.90420	15.86200	85.00000	0.0	0.0	0.0
				71.65850	15.86200	85.00000	0.0	0.0	0.0
				72.41280	15.86200	85.00000	0.0	0.0	0.0
				73.16710	15.86200	85.00000	0.0	0.0	0.0
				73.92140	15.86200	85.00000	0.0	0.0	0.0
				74.67570	15.86200	85.00000	0.0	0.0	0.0
				75.43000	15.86200	85.00000	0.0	0.0	0.0
				0.00000	16.58300	85.00000	0.0	0.0	0.0
				0.75430	16.58300	85.00000	0.0	0.0	0.0
				1.50860	16.58300	85.00000	0.0	0.0	0.0
				2.26290	16.58300	85.00000	0.0	0.0	0.0
				3.01720	16.58300	85.00000	0.0	0.0	0.0
				3.77150	16.58300	85.00000	0.0	0.0	0.0
				4.52580	16.58300	85.00000	0.0	0.0	0.0
				5.28010	16.58300	85.00000	0.0	0.0	0.0
				6.03440	16.58300	85.00000	0.0	0.0	0.0
				6.78870	16.58300	85.00000	0.0	0.0	0.0
				7.54300	16.58300	85.00000	0.0	0.0	0.0
				8.29730	16.58300	85.00000	0.0	0.0	0.0
				9.05160	16.58300	85.00000	0.0	0.0	0.0
				9.80590	16.58300	85.00000	0.0	0.0	0.0
				10.56020	16.58300	85.00000	0.0	0.0	0.0
				11.31450	16.58300	85.00000	0.0	0.0	0.0
				12.06880	16.58300	85.00000	0.0	0.0	0.0
				12.82310	16.58300	85.00000	0.0	0.0	0.0
				13.57740	16.58300	85.00000	0.0	0.0	0.0
				14.33170	16.58300	85.00000	0.0	0.0	0.0
				15.08600	16.58300	85.00000	0.0	0.0	0.078253
				15.84030	16.58300	85.00000	0.0	0.0	0.18932
				16.59460	16.58300	85.00000	0.0	0.0	0.29807
				17.34890	16.58300	85.00000	0.0	0.0	0.40433
				18.10320	16.58300	85.00000	0.0	0.0	0.50792
				18.85750	16.58300	85.00000	0.0	0.0	0.60864
				19.61180	16.58300	85.00000	0.0	0.0	0.70628
				20.36610	16.58300	85.00000	0.0	0.0	0.80061
				21.12040	16.58300	85.00000	0.0	0.0	0.89139
				21.87470	16.58300	85.00000	0.0	0.0	0.97837
				22.62900	16.58300	85.00000	0.032208	0.051646	1.0766
				23.38330	16.58300	85.00000	0.092585	0.15699	1.1746
				24.13760	16.58300	85.00000	0.18179	0.30825	1.2731
				24.89190	16.58300	85.00000	0.29817	0.50559	1.3683
				25.64620	16.58300	85.00000	0.38415	0.65138	1.4535
				26.40050	16.58300	85.00000	0.45339	0.80707	1.5395
				27.15480	16.58300	85.00000	0.49720	0.96969	1.6230
				27.90910	16.58300	85.00000	0.51967	1.1224	1.7017
				28.66340	16.58300	85.00000	0.51842	1.2642	1.7751
				29.41770	16.58300	85.00000	0.49743	1.3942	1.8425
				30.17200	16.58300	85.00000	0.45707	1.5113	1.9030
				30.92630	16.58300	85.00000	0.40583	1.6374	1.9592
				31.68060	16.58300	85.00000	0.34153	1.7561	2.0079
				32.43490	16.58300	85.00000	0.26527	1.8612	2.0474
				33.18920	16.58300	85.00000	0.17981	1.9508	2.0768
				33.94350	16.58300	85.00000	0.088194	2.0229	2.0952
				34.69780	16.58300	85.00000	0.076274	2.0689	2.1080
				35.45210	16.58300	85.00000	0.077890	2.1129	2.1212
				36.20640	16.58300	85.00000	0.079521	2.1570	2.1344
				36.96070	16.58300	85.00000	0.081165	2.2016	2.1479
				37.71500	16.58300	85.00000	0.082823	2.2466	2.1614
				38.46930	16.58300	85.00000	0.084145	2.2824	2.1736
				39.22360	16.58300	85.00000	0.082190	2.2294	2.1712
				39.97790	16.58300	85.00000	0.080203	2.1755	2.1685
				40.73220	16.58300	85.00000	0.078185	2.1208	2.1656
				41.48650	16.58300	85.00000	0.076135	2.0652	2.1625
				42.24080	16.58300	85.00000	0.074054	2.0087	2.1591
				42.99510	16.58300	85.00000	0.047028	1.9526	2.1577
				43.74940	16.58300	85.00000	-0.029766	1.8862	2.1527
				44.50370	16.58300	85.00000	-0.10506	1.8028	2.1362
				45.25800	16.58300	85.00000	-0.17628	1.7047	2.1085
				46.01230	16.58300	85.00000	-0.24099	1.5943	2.0705
				46.76660	16.58300	85.00000	-0.29696	1.4798	2.0230
				47.52090	16.58300	85.00000	-0.34226	1.3456	1.9670
				48.27520	16.58300	85.00000	-0.37524	1.2117	1.9037
				49.02950	16.58300	85.00000	-0.39459	1.0740	1.8341</

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				50.53810	16.58300	85.00000	-0.38874	0.79372	1.6794						
				51.29240	16.58300	85.00000	-0.36245	0.65379	1.5956						
				52.04670	16.58300	85.00000	-0.32345	0.52082	1.5089						
				52.80100	16.58300	85.00000	-0.26915	0.39114	1.4184						
				53.55530	16.58300	85.00000	-0.19672	0.26016	1.3226						
				54.30960	16.58300	85.00000	-0.11231	0.13566	1.2202						
				55.06390	16.58300	85.00000	-0.051023	0.057091	1.1095						
				55.81820	16.58300	85.00000	0.0	0.0	0.99246						
				56.57250	16.58300	85.00000	0.0	0.0	0.89138						
				57.32680	16.58300	85.00000	0.0	0.0	0.78717						
				58.08110	16.58300	85.00000	0.0	0.0	0.68007						
				58.83540	16.58300	85.00000	0.0	0.0	0.57030						
				59.58970	16.58300	85.00000	0.0	0.0	0.45807						
				60.34400	16.58300	85.00000	0.0	0.0	0.34355						
				61.09830	16.58300	85.00000	0.0	0.0	0.22693						
				61.85260	16.58300	85.00000	0.0	0.0	0.10835						
				62.60690	16.58300	85.00000	0.0	0.0	0.0						
				63.36120	16.58300	85.00000	0.0	0.0	0.0						
				64.11550	16.58300	85.00000	0.0	0.0	0.0						
				64.86980	16.58300	85.00000	0.0	0.0	0.0						
				65.62410	16.58300	85.00000	0.0	0.0	0.0						
				66.37840	16.58300	85.00000	0.0	0.0	0.0						
				67.13270	16.58300	85.00000	0.0	0.0	0.0						
				67.88700	16.58300	85.00000	0.0	0.0	0.0						
				68.64130	16.58300	85.00000	0.0	0.0	0.0						
				69.39560	16.58300	85.00000	0.0	0.0	0.0						
				70.14990	16.58300	85.00000	0.0	0.0	0.0						
				70.90420	16.58300	85.00000	0.0	0.0	0.0						
				71.65850	16.58300	85.00000	0.0	0.0	0.0						
				72.41280	16.58300	85.00000	0.0	0.0	0.0						
				73.16710	16.58300	85.00000	0.0	0.0	0.0						
				73.92140	16.58300	85.00000	0.0	0.0	0.0						
				74.67570	16.58300	85.00000	0.0	0.0	0.0						
				75.43000	16.58300	85.00000	0.0	0.0	0.0						
				0.00000	17.30400	85.00000	0.0	0.0	0.0						
				0.75430	17.30400	85.00000	0.0	0.0	0.0						
				1.50860	17.30400	85.00000	0.0	0.0	0.0						
				2.26290	17.30400	85.00000	0.0	0.0	0.0						
				3.01720	17.30400	85.00000	0.0	0.0	0.0						
				3.77150	17.30400	85.00000	0.0	0.0	0.0						
				4.52580	17.30400	85.00000	0.0	0.0	0.0						
				5.28010	17.30400	85.00000	0.0	0.0	0.0						
				6.03440	17.30400	85.00000	0.0	0.0	0.0						
				6.78870	17.30400	85.00000	0.0	0.0	0.0						
				7.54300	17.30400	85.00000	0.0	0.0	0.0						
				8.29730	17.30400	85.00000	0.0	0.0	0.0						
				9.05160	17.30400	85.00000	0.0	0.0	0.0						
				9.80590	17.30400	85.00000	0.0	0.0	0.0						
				10.56020	17.30400	85.00000	0.0	0.0	0.0						
				11.31450	17.30400	85.00000	0.0	0.0	0.0						
				12.06880	17.30400	85.00000	0.0	0.0	0.0						
				12.82310	17.30400	85.00000	0.0	0.0	0.0						
				13.57740	17.30400	85.00000	0.0	0.0	0.0						
				14.33170	17.30400	85.00000	0.0	0.0	0.057941						
				15.08600	17.30400	85.00000	0.0	0.0	0.17344						
				15.84030	17.30400	85.00000	0.0	0.0	0.28684						
				16.59460	17.30400	85.00000	0.0	0.0	0.39800						
				17.34890	17.30400	85.00000	0.0	0.0	0.50674						
				18.10320	17.30400	85.00000	0.0	0.0	0.61286						
				18.85750	17.30400	85.00000	0.0	0.0	0.71617						
				19.61180	17.30400	85.00000	0.0	0.0	0.81644						
				20.36610	17.30400	85.00000	0.0	0.0	0.91344						
				21.12040	17.30400	85.00000	0.0	0.0	1.0069						
				21.87470	17.30400	85.00000	0.061788	0.089840	1.1206						
				22.62900	17.30400	85.00000	0.12822	0.19804	1.2245						
				23.38330	17.30400	85.00000	0.21872	0.35926	1.3202						
				24.13760	17.30400	85.00000	0.32723	0.55488	1.4143						
				24.89190	17.30400	85.00000	0.46726	0.79232	1.5147						
				25.64620	17.30400	85.00000	0.56421	0.95670	1.6043						
				26.40050	17.30400	85.00000	0.63679	1.0819	1.6906						
				27.15480	17.30400	85.00000	0.67386	1.2527	1.7821						
				27.90910	17.30400	85.00000	0.68632	1.4138	1.8697						
				28.66340	17.30400	85.00000	0.67467	1.5641	1.9525						
				29.41770	17.30400	85.00000	0.63979	1.7025	2.0291						
				30.17200	17.30400	85.00000	0.58309	1.8279	2.0983						
				30.92630	17.30400	85.00000	0.51194	1.9576	2.1620						
				31.68060	17.30400	85.00000	0.42868	2.0903	2.2192						
				32.43490	17.30400	85.00000	0.33173	2.2092	2.2659						
				33.18920	17.30400	85.00000	0.22420	2.3120	2.3010						
				33.94350	17.30400	85.00000	0.10957	2.3966	2.3233						
				34.69780	17.30400	85.00000	0.090302	2.4494	2.3388						
				35.45210	17.30400	85.00000	0.092103	2.4983	2.3547						
				36.20640	17.30400	85.00000	0.093918	2.5475	2.3707						
				36.96070	17.30400	85.00000	0.095747	2.5971	2.3870						
				37.71500	17.30400	85.00000	0.097590	2.6471	2.4034						
				38.46930	17.30400	85.00000	0.099188	2.6905	2.4187						
				39.22360	17.30400	85.00000	0.096828	2.6265	2.4132						
				39.97790	17.30400	85.00000	0.094437	2.5616	2.4074						
				40.73220	17.30400	85.00000	0.092014	2.4959	2.4012						
				41.48650	17.30400	85.00000	0.089560	2.4293	2.3947						
				42.24080	17.30400	85.00000	0.087074	2.3619	2.3879						
				42.99510	17.30400	85.00000	0.056904	2.2936	2.3836						
				43.74940	17.30400	85.00000	-0.038166	2.2122	2.3769						
				44.50370	17.30400	85.00000	-0.13148	2.1128	2.3568						
				45.25800	17.30400	85.00000	-0.22005	1.9982	2.3239						
				46.01230	17.30400	85.00000	-0.30106	1.8710	2.2791						
				46.76660	17.30400	85.00000	-0.37200	1.7338	2.2237						
				47.52090	17.30400	85.00000	-0.43068	1.5894	2.1589						
				48.27520	17.30400	85.00000	-0.47532	1.4400	2.0862						
				49.02950	17.30400	85.00000	-0.50452	1.2876	2.0070						
				49.78380	17.30400	85.00000	-0.51730	1.1343	1.9224						
				50.53810	17.30400	85.00000	-0.51302	0.98140	1.8337						
				51.29240	17.30400	85.00000	-0.49245	0.83211	1.7420						
				52.04670	17.30400	85.00000	-0.46080	0.69638	1.6493						
				52.80100	17.30400	85.00000	-0.40924	0.55954	1.5532						
				53.55530	17.30400	85.00000	-0.33811	0.42212	1.4536						
				54.30960	17.30400	85.00000	-0.24787	0.28449	1.3495						
				55.06390	17.30400	85.00000	-0.13908	0.14692	1.2395						
				55.81820	17.30400	85.00000	-0.063971	0.063105	1.1213						
				56.57250	17.30400	85.00000	0.0	0.0	0.99575						
				57.32680	17.30400	85.00000	0.0	0.0	0.88876						
				58.08110	17.30400	85.00000	0.0	0.0	0.77896						
				58.83540	17.30400	85.00000	0.0	0.0	0.66656						
				59.58970	17.30400	85.00000	0.0	0.0	0.55178						
				60.34400	17.30400	85.00000	0.0	0.0	0.43481						
				61.09830	17.30400	85.00000	0.0	0.0	0.31581						
				61.85260	17.30400	85.00000	0.0	0.0	0.19494						
				62.60690	17.30400	85.00000	0.0	0.0	0.072350						
				63.36120	17.30400	85.00000	0.0	0.0	0.0						
				64.11550	17.30400	85.00000	0.0	0.0	0.0						
				64.86980	17.30400	85.00000	0.0	0.0	0.0						
				65.62410	17.30400	85.00000	0.0	0.0	0.0						
				66.37840	17.30400	85.00000	0.0	0.0	0.0						
				67.13270	17.30400	85.00000	0.0	0.0	0.0						
				67.88700	17.30400	85.00000	0.0	0.0	0.0						
				68.64130	17.30400	85.00000	0.0	0.0	0.0						
				69.39560	17.30400	85.00000	0.0	0.0	0.0						
				70.14990	17.30400	85.00000	0.0	0.0	0.0						
				70.90420	17.30400	85.00000	0.0	0.0	0.0						
				71.65850	17.30400	85.00000	0.0	0.0	0.0						



Highgate Cemetery
B1

A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				72.41280	17.30400	85.00000	0.0	0.0	0.0
				73.16710	17.30400	85.00000	0.0	0.0	0.0
				73.92140	17.30400	85.00000	0.0	0.0	0.0
				74.67570	17.30400	85.00000	0.0	0.0	0.0
				75.43000	17.30400	85.00000	0.0	0.0	0.0
				0.00000	18.02500	85.00000	0.0	0.0	0.0
				0.75430	18.02500	85.00000	0.0	0.0	0.0
				1.50860	18.02500	85.00000	0.0	0.0	0.0
				2.26290	18.02500	85.00000	0.0	0.0	0.0
				3.01720	18.02500	85.00000	0.0	0.0	0.0
				3.77150	18.02500	85.00000	0.0	0.0	0.0
				4.52580	18.02500	85.00000	0.0	0.0	0.0
				5.28010	18.02500	85.00000	0.0	0.0	0.0
				6.03440	18.02500	85.00000	0.0	0.0	0.0
				6.78870	18.02500	85.00000	0.0	0.0	0.0
				7.54300	18.02500	85.00000	0.0	0.0	0.0
				8.29730	18.02500	85.00000	0.0	0.0	0.0
				9.05160	18.02500	85.00000	0.0	0.0	0.0
				9.80590	18.02500	85.00000	0.0	0.0	0.0
				10.56020	18.02500	85.00000	0.0	0.0	0.0
				11.31450	18.02500	85.00000	0.0	0.0	0.0
				12.06880	18.02500	85.00000	0.0	0.0	0.0
				12.82310	18.02500	85.00000	0.0	0.0	0.0
				13.57740	18.02500	85.00000	0.0	0.0	0.028578
				14.33170	18.02500	85.00000	0.0	0.0	0.14824
				15.08600	18.02500	85.00000	0.0	0.0	0.26603
				15.84030	18.02500	85.00000	0.0	0.0	0.38182
				16.59460	18.02500	85.00000	0.0	0.0	0.49543
				17.34890	18.02500	85.00000	0.0	0.0	0.60669
				18.10320	18.02500	85.00000	0.0	0.0	0.71541
				18.85750	18.02500	85.00000	0.0	0.0	0.82138
				19.61180	18.02500	85.00000	0.0	0.0	0.92437
				20.36610	18.02500	85.00000	0.0035124	0.0043438	1.0285
				21.12040	18.02500	85.00000	0.083682	0.10977	1.1494
				21.87470	18.02500	85.00000	0.16583	0.23088	1.2600
				22.62900	18.02500	85.00000	0.27597	0.40814	1.3630
				23.38330	18.02500	85.00000	0.37456	0.59108	1.4601
				24.13760	18.02500	85.00000	0.46126	0.77908	1.5527
				24.89190	18.02500	85.00000	0.60684	1.0290	1.6567
				25.64620	18.02500	85.00000	0.75274	1.2764	1.7636
				26.40050	18.02500	85.00000	0.82157	1.3931	1.8548
				27.15480	18.02500	85.00000	0.86605	1.5317	1.9517
				27.90910	18.02500	85.00000	0.86968	1.7020	2.0511
				28.66340	18.02500	85.00000	0.84643	1.8615	2.1458
				29.41770	18.02500	85.00000	0.79709	2.0092	2.2339
				30.17200	18.02500	85.00000	0.72301	2.1437	2.3136
				30.92630	18.02500	85.00000	0.62942	2.2746	2.3854
				31.68060	18.02500	85.00000	0.52544	2.4227	2.4529
				32.43490	18.02500	85.00000	0.40566	2.5568	2.5084
				33.18920	18.02500	85.00000	0.27361	2.6743	2.5505
				33.94350	18.02500	85.00000	0.1332	2.7729	2.5778
				34.69780	18.02500	85.00000	0.10446	2.8334	2.5965
				35.45210	18.02500	85.00000	0.10644	2.8872	2.6158
				36.20640	18.02500	85.00000	0.10844	2.9415	2.6352
				36.96070	18.02500	85.00000	0.11046	2.9961	2.6549
				37.71500	18.02500	85.00000	0.11249	3.0512	2.6749
				38.46930	18.02500	85.00000	0.11440	3.1032	2.6943
				39.22360	18.02500	85.00000	0.11164	3.0282	2.6846
				39.97790	18.02500	85.00000	0.10884	2.9524	2.6744
				40.73220	18.02500	85.00000	0.10602	2.8757	2.6638
				41.48650	18.02500	85.00000	0.10316	2.7992	2.6528
				42.24080	18.02500	85.00000	0.10027	2.7198	2.6413
				42.99510	18.02500	85.00000	0.067623	2.6392	2.6329
				43.74940	18.02500	85.00000	-0.047962	2.5410	2.6239
				44.50370	18.02500	85.00000	-0.16147	2.4238	2.5993
				45.25800	18.02500	85.00000	-0.26939	2.2906	2.5600
				46.01230	18.02500	85.00000	-0.36849	2.1447	2.5072
				46.76660	18.02500	85.00000	-0.45587	1.9891	2.4423
				47.52090	18.02500	85.00000	-0.52907	1.8268	2.3670
				48.27520	18.02500	85.00000	-0.58616	1.6605	2.2830
				49.02950	18.02500	85.00000	-0.62566	1.4923	2.1921
				49.78380	18.02500	85.00000	-0.64663	1.3245	2.0960
				50.53810	18.02500	85.00000	-0.64851	1.1585	1.9960
				51.29240	18.02500	85.00000	-0.63866	1.0085	1.8958
				52.04670	18.02500	85.00000	-0.61078	0.86450	1.7940
				52.80100	18.02500	85.00000	-0.56121	0.72022	1.6898
				53.55530	18.02500	85.00000	-0.49049	0.57615	1.5834
				54.30960	18.02500	85.00000	-0.39933	0.43264	1.4747
				55.06390	18.02500	85.00000	-0.28852	0.28992	1.3625
				55.81820	18.02500	85.00000	-0.15887	0.14811	1.2449
				56.57250	18.02500	85.00000	-0.06842	0.059646	1.1190
				57.32680	18.02500	85.00000	0.0	0.0	0.98760
				58.08110	18.02500	85.00000	0.0	0.0	0.87503
				58.83540	18.02500	85.00000	0.0	0.0	0.75996
				59.58970	18.02500	85.00000	0.0	0.0	0.64261
				60.34400	18.02500	85.00000	0.0	0.0	0.52315
				61.09830	18.02500	85.00000	0.0	0.0	0.40176
				61.85260	18.02500	85.00000	0.0	0.0	0.27859
				62.60690	18.02500	85.00000	0.0	0.0	0.15379
				63.36120	18.02500	85.00000	0.0	0.0	0.027487
				64.11550	18.02500	85.00000	0.0	0.0	0.0
				64.86980	18.02500	85.00000	0.0	0.0	0.0
				65.62410	18.02500	85.00000	0.0	0.0	0.0
				66.37840	18.02500	85.00000	0.0	0.0	0.0
				67.13270	18.02500	85.00000	0.0	0.0	0.0
				67.88700	18.02500	85.00000	0.0	0.0	0.0
				68.64130	18.02500	85.00000	0.0	0.0	0.0
				69.39560	18.02500	85.00000	0.0	0.0	0.0
				70.14990	18.02500	85.00000	0.0	0.0	0.0
				70.90420	18.02500	85.00000	0.0	0.0	0.0
				71.65850	18.02500	85.00000	0.0	0.0	0.0
				72.41280	18.02500	85.00000	0.0	0.0	0.0
				73.16710	18.02500	85.00000	0.0	0.0	0.0
				73.92140	18.02500	85.00000	0.0	0.0	0.0
				74.67570	18.02500	85.00000	0.0	0.0	0.0
				75.43000	18.02500	85.00000	0.0	0.0	0.0
				0.00000	18.74600	85.00000	0.0	0.0	0.0
				0.75430	18.74600	85.00000	0.0	0.0	0.0
				1.50860	18.74600	85.00000	0.0	0.0	0.0
				2.26290	18.74600	85.00000	0.0	0.0	0.0
				3.01720	18.74600	85.00000	0.0	0.0	0.0
				3.77150	18.74600	85.00000	0.0	0.0	0.0
				4.52580	18.74600	85.00000	0.0	0.0	0.0
				5.28010	18.74600	85.00000	0.0	0.0	0.0
				6.03440	18.74600	85.00000	0.0	0.0	0.0
				6.78870	18.74600	85.00000	0.0	0.0	0.0
				7.54300	18.74600	85.00000	0.0	0.0	0.0
				8.29730	18.74600	85.00000	0.0	0.0	0.0
				9.05160	18.74600	85.00000	0.0	0.0	0.0
				9.80590	18.74600	85.00000	0.0	0.0	0.0
				10.56020	18.74600	85.00000	0.0	0.0	0.0
				11.31450	18.74600	85.00000	0.0	0.0	0.0
				12.06880	18.74600	85.00000	0.0	0.0	0.0
				12.82310	18.74600	85.00000	0.0	0.0	0.0
				13.57740	18.74600	85.00000	0.0	0.0	0.11387
				14.33170	18.74600	85.00000	0.0	0.0	0.22376
				15.08600	18.74600	85.00000	0.0	0.0	0.35587
				15.84030	18.74600	85.00000	0.0	0.0	0.47406
				16.59460	18.74600	85.00000	0.0	0.0	0.59016
				17.34890	18.74600	85.00000	0.0	0.0	0.70400

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD						Job No.		Sheet No.		Rev.	
						3500					
						Drg. Ref.					
Made by PES		Date 01-Nov-2024		Checked		Date					
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz		
				[m]	[m]	[m]	[mm]	[mm]	[mm]		
				18.10320	18.74600	85.00000	0.0	0.0	0.81537		
				18.85750	18.74600	85.00000	0.0	0.0	0.92407		
				19.61180	18.74600	85.00000	0.0086286	0.0095762	1.0358		
				20.36610	18.74600	85.00000	0.096785	0.11392	1.1636		
				21.12040	18.74600	85.00000	0.19731	0.24611	1.2811		
				21.87470	18.74600	85.00000	0.32133	0.42554	1.3915		
				22.62900	18.74600	85.00000	0.43374	0.61258	1.4970		
				23.38330	18.74600	85.00000	0.53408	0.80693	1.5991		
				24.13760	18.74600	85.00000	0.62189	1.0081	1.6987		
				24.89190	18.74600	85.00000	0.73191	1.2411	1.8030		
				25.64620	18.74600	85.00000	0.90686	1.5377	1.9253		
				26.40050	18.74600	85.00000	1.0147	1.7206	2.0359		
				27.15480	18.74600	85.00000	1.0712	1.8164	2.1366		
				27.90910	18.74600	85.00000	1.0708	1.9865	2.2490		
				28.66340	18.74600	85.00000	1.0359	2.1562	2.3578		
				29.41770	18.74600	85.00000	0.97158	2.3141	2.4593		
				30.17200	18.74600	85.00000	0.87905	2.4587	2.5512		
				30.92630	18.74600	85.00000	0.76040	2.5885	2.6312		
				31.68060	18.74600	85.00000	0.63349	2.7529	2.7105		
				32.43490	18.74600	85.00000	0.48840	2.9040	2.7765		
				33.18920	18.74600	85.00000	0.32898	3.0381	2.8269		
				33.94350	18.74600	85.00000	0.15988	3.1523	2.8601		
				34.69780	18.74600	85.00000	0.11876	3.2213	2.8828		
				35.45210	18.74600	85.00000	0.12093	3.2803	2.9060		
				36.20640	18.74600	85.00000	0.12312	3.3396	2.9295		
				36.96070	18.74600	85.00000	0.12532	3.3993	2.9533		
				37.71500	18.74600	85.00000	0.12753	3.4594	2.9774		
				38.46930	18.74600	85.00000	0.12976	3.5199	3.0017		
				39.22360	18.74600	85.00000	0.12665	3.4353	2.9868		
				39.97790	18.74600	85.00000	0.12345	3.3485	2.9710		
				40.73220	18.74600	85.00000	0.12022	3.2610	2.9547		
				41.48650	18.74600	85.00000	0.11696	3.1725	2.9379		
				42.24080	18.74600	85.00000	0.11367	3.0833	2.9205		
				42.99510	18.74600	85.00000	0.079348	2.9902	2.9065		
				43.74940	18.74600	85.00000	-0.059420	2.8731	2.8945		
				44.50370	18.74600	85.00000	-0.19570	2.7356	2.8645		
				45.25800	18.74600	85.00000	-0.32537	2.5817	2.8176		
				46.01230	18.74600	85.00000	-0.44461	2.4148	2.7553		
				46.76660	18.74600	85.00000	-0.55011	2.2388	2.6794		
				47.52090	18.74600	85.00000	-0.63909	2.0569	2.5919		
				48.27520	18.74600	85.00000	-0.70945	1.8720	2.4949		
				49.02950	18.74600	85.00000	-0.75967	1.6869	2.3905		
				49.78380	18.74600	85.00000	-0.78887	1.5036	2.2808		
				50.53810	18.74600	85.00000	-0.80020	1.3298	2.1690		
				51.29240	18.74600	85.00000	-0.79962	1.1772	2.0585		
				52.04670	18.74600	85.00000	-0.77473	1.0245	1.9452		
				52.80100	18.74600	85.00000	-0.72616	0.87253	1.8304		
				53.55530	18.74600	85.00000	-0.65478	0.72167	1.7149		
				54.30960	18.74600	85.00000	-0.56156	0.57223	1.5988		
				55.06390	18.74600	85.00000	-0.44755	0.42436	1.4815		
				55.81820	18.74600	85.00000	-0.31380	0.27813	1.3615		
				56.57250	18.74600	85.00000	-0.16165	0.13377	1.2363		
				57.32680	18.74600	85.00000	-0.060555	0.047509	1.1023		
				58.08110	18.74600	85.00000	0.0	0.0	0.96809		
				58.83540	18.74600	85.00000	0.0	0.0	0.85031		
				59.58970	18.74600	85.00000	0.0	0.0	0.73034		
				60.34400	18.74600	85.00000	0.0	0.0	0.60838		
				61.09830	18.74600	85.00000	0.0	0.0	0.48460		
				61.85260	18.74600	85.00000	0.0	0.0	0.35913		
				62.60690	18.74600	85.00000	0.0	0.0	0.23213		
				63.36120	18.74600	85.00000	0.0	0.0	0.10372		
				64.11550	18.74600	85.00000	0.0	0.0	0.0		
				64.86980	18.74600	85.00000	0.0	0.0	0.0		
				65.62410	18.74600	85.00000	0.0	0.0	0.0		
				66.37840	18.74600	85.00000	0.0	0.0	0.0		
				67.13270	18.74600	85.00000	0.0	0.0	0.0		
				67.88700	18.74600	85.00000	0.0	0.0	0.0		
				68.64130	18.74600	85.00000	0.0	0.0	0.0		
				69.39560	18.74600	85.00000	0.0	0.0	0.0		
				70.14990	18.74600	85.00000	0.0	0.0	0.0		
				70.90420	18.74600	85.00000	0.0	0.0	0.0		
				71.65850	18.74600	85.00000	0.0	0.0	0.0		
				72.41280	18.74600	85.00000	0.0	0.0	0.0		
				73.16710	18.74600	85.00000	0.0	0.0	0.0		
				73.92140	18.74600	85.00000	0.0	0.0	0.0		
				74.67570	18.74600	85.00000	0.0	0.0	0.0		
				75.43000	18.74600	85.00000	0.0	0.0	0.0		
				0.00000	19.46700	85.00000	0.0	0.0	0.0		
				0.75430	19.46700	85.00000	0.0	0.0	0.0		
				1.50860	19.46700	85.00000	0.0	0.0	0.0		
				2.26290	19.46700	85.00000	0.0	0.0	0.0		
				3.01720	19.46700	85.00000	0.0	0.0	0.0		
				3.77150	19.46700	85.00000	0.0	0.0	0.0		
				4.52580	19.46700	85.00000	0.0	0.0	0.0		
				5.28010	19.46700	85.00000	0.0	0.0	0.0		
				6.03440	19.46700	85.00000	0.0	0.0	0.0		
				6.78870	19.46700	85.00000	0.0	0.0	0.0		
				7.54300	19.46700	85.00000	0.0	0.0	0.0		
				8.29730	19.46700	85.00000	0.0	0.0	0.0		
				9.05160	19.46700	85.00000	0.0	0.0	0.0		
				9.80590	19.46700	85.00000	0.0	0.0	0.0		
				10.56020	19.46700	85.00000	0.0	0.0	0.0		
				11.31450	19.46700	85.00000	0.0	0.0	0.0		
				12.06880	19.46700	85.00000	0.0	0.0	0.0		
				12.82310	19.46700	85.00000	0.0	0.0	0.070531		
				13.57740	19.46700	85.00000	0.0	0.0	0.19622		
				14.33170	19.46700	85.00000	0.0	0.0	0.32035		
				15.08600	19.46700	85.00000	0.0	0.0	0.44280		
				15.84030	19.46700	85.00000	0.0	0.0	0.56341		
				16.59460	19.46700	85.00000	0.0	0.0	0.68203		
				17.34890	19.46700	85.00000	0.0	0.0	0.79847		
				18.10320	19.46700	85.00000	0.0	0.0	0.91255		
				18.85750	19.46700	85.00000	0.0036492	0.0036140	1.0282		
				19.61180	19.46700	85.00000	0.10003	0.10506	1.1633		
				20.3663							

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1										Job No.	Sheet No.	Rev.
										3500		
										Drg. Ref.		
										Made by PES	Date 01-Nov-2024	Checked
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz			
				[m]	[m]	[m]	[mm]	[mm]	[mm]			
				39.97790	19.46700	85.00000	0.13828	3.7507	3.2972			
				40.73220	19.46700	85.00000	0.13465	3.6523	3.2738			
				41.48650	19.46700	85.00000	0.13098	3.5529	3.2498			
				42.24080	19.46700	85.00000	0.12729	3.4528	3.2251			
				42.99510	19.46700	85.00000	0.092279	3.3474	3.2042			
				43.74940	19.46700	85.00000	-0.072881	3.2087	3.1883			
				44.50370	19.46700	85.00000	-0.23503	3.0484	3.1519			
				45.25800	19.46700	85.00000	-0.38926	2.8709	3.0962			
				46.01230	19.46700	85.00000	-0.53107	2.6806	3.0230			
				46.76660	19.46700	85.00000	-0.65660	2.4817	2.9346			
				47.52090	19.46700	85.00000	-0.76274	2.2781	2.8333			
				48.27520	19.46700	85.00000	-0.84720	2.0732	2.7216			
				49.02950	19.46700	85.00000	-0.90849	1.8697	2.6021			
				49.78380	19.46700	85.00000	-0.94582	1.6700	2.4770			
				50.53810	19.46700	85.00000	-0.97315	1.4999	2.3554			
				51.29240	19.46700	85.00000	-0.97701	1.3372	2.2312			
				52.04670	19.46700	85.00000	-0.95404	1.1756	2.1044			
				52.80100	19.46700	85.00000	-0.90526	1.0157	1.9769			
				53.55530	19.46700	85.00000	-0.83189	0.85804	1.8499			
				54.30960	19.46700	85.00000	-0.73524	0.70267	1.7240			
				55.06390	19.46700	85.00000	-0.61667	0.54974	1.5990			
				55.81820	19.46700	85.00000	-0.47749	0.39922	1.4738			
				56.57250	19.46700	85.00000	-0.31895	0.25100	1.3463			
				57.32680	19.46700	85.00000	-0.15527	0.11505	1.2135			
				58.08110	19.46700	85.00000	-0.038986	0.027554	1.0709			
				58.83540	19.46700	85.00000	0.0	0.0	0.93738			
				59.58970	19.46700	85.00000	0.0	0.0	0.81480			
				60.34400	19.46700	85.00000	0.0	0.0	0.69033			
				61.09830	19.46700	85.00000	0.0	0.0	0.56414			
				61.85260	19.46700	85.00000	0.0	0.0	0.43639			
				62.60690	19.46700	85.00000	0.0	0.0	0.30721			
				63.36120	19.46700	85.00000	0.0	0.0	0.17671			
				64.11550	19.46700	85.00000	0.0	0.0	0.045010			
				64.86980	19.46700	85.00000	0.0	0.0	0.0			
				65.62410	19.46700	85.00000	0.0	0.0	0.0			
				66.37840	19.46700	85.00000	0.0	0.0	0.0			
				67.13270	19.46700	85.00000	0.0	0.0	0.0			
				67.88700	19.46700	85.00000	0.0	0.0	0.0			
				68.64130	19.46700	85.00000	0.0	0.0	0.0			
				69.39560	19.46700	85.00000	0.0	0.0	0.0			
				70.14990	19.46700	85.00000	0.0	0.0	0.0			
				70.90420	19.46700	85.00000	0.0	0.0	0.0			
				71.65850	19.46700	85.00000	0.0	0.0	0.0			
				72.41280	19.46700	85.00000	0.0	0.0	0.0			
				73.16710	19.46700	85.00000	0.0	0.0	0.0			
				73.92140	19.46700	85.00000	0.0	0.0	0.0			
				74.67570	19.46700	85.00000	0.0	0.0	0.0			
				75.43000	19.46700	85.00000	0.0	0.0	0.0			
				0.00000	20.18800	85.00000	0.0	0.0	0.0			
				0.75430	20.18800	85.00000	0.0	0.0	0.0			
				1.50860	20.18800	85.00000	0.0	0.0	0.0			
				2.26290	20.18800	85.00000	0.0	0.0	0.0			
				3.01720	20.18800	85.00000	0.0	0.0	0.0			
				3.77150	20.18800	85.00000	0.0	0.0	0.0			
				4.52580	20.18800	85.00000	0.0	0.0	0.0			
				5.28010	20.18800	85.00000	0.0	0.0	0.0			
				6.03440	20.18800	85.00000	0.0	0.0	0.0			
				6.78870	20.18800	85.00000	0.0	0.0	0.0			
				7.54300	20.18800	85.00000	0.0	0.0	0.0			
				8.29730	20.18800	85.00000	0.0	0.0	0.0			
				9.05160	20.18800	85.00000	0.0	0.0	0.0			
				9.80590	20.18800	85.00000	0.0	0.0	0.0			
				10.56020	20.18800	85.00000	0.0	0.0	0.0			
				11.31450	20.18800	85.00000	0.0	0.0	0.0			
				12.06880	20.18800	85.00000	0.0	0.0	0.018471			
				12.82310	20.18800	85.00000	0.0	0.0	0.14764			
				13.57740	20.18800	85.00000	0.0	0.0	0.27547			
				14.33170	20.18800	85.00000	0.0	0.0	0.40184			
				15.08600	20.18800	85.00000	0.0	0.0	0.52662			
				15.84030	20.18800	85.00000	0.0	0.0	0.64967			
				16.59460	20.18800	85.00000	0.0	0.0	0.77083			
				17.34890	20.18800	85.00000	0.0	0.0	0.88992			
				18.10320	20.18800	85.00000	0.0	0.0	1.0067			
				18.85750	20.18800	85.00000	0.092440	0.086082	1.1488			
				19.61180	20.18800	85.00000	0.21247	0.20951	1.2806			
				20.36610	20.18800	85.00000	0.36672	0.38325	1.4055			
				21.12040	20.18800	85.00000	0.50988	0.56738	1.5265			
				21.87470	20.18800	85.00000	0.64129	0.76230	1.6463			
				22.62900	20.18800	85.00000	0.76024	0.96826	1.7664			
				23.38330	20.18800	85.00000	0.86600	1.1853	1.8876			
				24.13760	20.18800	85.00000	0.95781	1.4132	2.0100			
				24.89190	20.18800	85.00000	1.0349	1.6514	2.1331			
				25.64620	20.18800	85.00000	1.1331	1.9214	2.2647			
				26.40050	20.18800	85.00000	1.3439	2.2788	2.4348			
				27.15480	20.18800	85.00000	1.4773	2.5050	2.5871			
				27.90910	20.18800	85.00000	1.5181	2.5741	2.7065			
				28.66340	20.18800	85.00000	1.4788	2.7355	2.8435			
				29.41770	20.18800	85.00000	1.3832	2.9172	2.9770			
				30.17200	20.18800	85.00000	1.2506	3.0856	3.0973			
				30.92630	20.18800	85.00000	1.0829	3.2386	3.2012			
				31.68060	20.18800	85.00000	0.89214	3.4047	3.2967			
				32.43490	20.18800	85.00000	0.68739	3.5963	3.3880			
				33.18920	20.18800	85.00000	0.46246	3.7701	3.4591			
				33.94350	20.18800	85.00000	0.22379	3.9221	3.5077			
				34.69780	20.18800	85.00000	0.14791	4.0121	3.5402			
				35.45210	20.18800	85.00000	0.15046	4.0812	3.5730			
				36.20640	20.18800	85.00000	0.15302	4.1507	3.6060			
				36.96070	20.18800	85.00000	0.15560	4.2206	3.6395			
				37.71500	20.18800	85.00000	0.15819	4.2909	3.6733			
				38.46930	20.18800	85.00000	0.16080	4.3616	3.7075			
				39.22360	20.18800	85.00000	0.15735	4.2681	3.6823			
				39.97790	20.18800	85.00000	0.15335	4.1596	3.6513			
				40.73220	20.18800	85.00000	0.14932	4.0503	3.6196			
				41.48650	20.18800	85.00000	0.14526	3.9401	3.5871			
				42.24080	20.18800	85.00000	0.14116	3.8290	3.5539			
				42.99510	20.18800	85.00000	0.10667	3.7115	3.5243			
				43.74940	20.18800	85.00000	-0.088773	3.5482	3.5037			
				44.50370	20.18800	85.00000	-0.28054	3.3618	3.4596			
				45.25800	20.18800	85.00000	-0.46271	3.1576	3.3938			
				46.01230	20.18800	85.00000	-0.62390	2.9408	3.3085			
				46.76660	20.18800	85.00000	-0.77764	2.7164	3.2062			
				47.52090	20.18800	85.00000	-0.90242	2.4888	3.0897			
				48.27520	20.18800	85.00000	-1.0018	2.2620	2.9618			
				49.02950	20.18800	85.00000	-1.0744	2.0389	2.8256			
				49.78380	20.18800	85.00000	-1.1275	1.8356	2.6885			
				50.53810	20.18800	85.00000	-1.1655	1.6607	2.5541			
				51.29240	20.18800	85.00000	-1.1726	1.4875	2.4146			
				52.04670	20.18800	85.00000	-1.1502	1.3168	2.2725			
				52.80100	20.18800	85.00000	-1.0997	1.1490	2.1303			
				53.55530	20.18800	85.00000	-1.0227	0.9847	1.9896			
				54.30960	20.18800	85.00000	-0.92104	0.82332	1.8516			
				55.06390	20.18800	85.00000	-0.79632	0.66551	1.7165			
				55.81820	20.18800	85.00000	-0.65018	0.51092	1.5837			
				56.57250	20.18800	85.00000	-0.48412	0.35936	1.4515			
				57.32680	20.18800	85.00000	-0.29951	0.21057	1.3171			
				58.08110	20.18800	85.00000	-0.13299	0.088811	1.1764			
				58.83540	20.18800	85.00000	-0.0010576	677.45E-6	1.0242			
				59.58970	20.18800	85.00000	0.0	0.0	0.89575			
				60.34400	20.18800							



Highgate Cemetery
B1

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				61.85260	20.18800	85.00000	0.0	0.0	0.51020
				62.60690	20.18800	85.00000	0.0	0.0	0.37886
				63.36120	20.18800	85.00000	0.0	0.0	0.24631
				64.11550	20.18800	85.00000	0.0	0.0	0.11267
				64.86980	20.18800	85.00000	0.0	0.0	0.0
				65.62410	20.18800	85.00000	0.0	0.0	0.0
				66.37840	20.18800	85.00000	0.0	0.0	0.0
				67.13270	20.18800	85.00000	0.0	0.0	0.0
				67.88700	20.18800	85.00000	0.0	0.0	0.0
				68.64130	20.18800	85.00000	0.0	0.0	0.0
				69.39560	20.18800	85.00000	0.0	0.0	0.0
				70.14990	20.18800	85.00000	0.0	0.0	0.0
				70.90420	20.18800	85.00000	0.0	0.0	0.0
				71.65850	20.18800	85.00000	0.0	0.0	0.0
				72.41280	20.18800	85.00000	0.0	0.0	0.0
				73.16710	20.18800	85.00000	0.0	0.0	0.0
				73.92140	20.18800	85.00000	0.0	0.0	0.0
				74.67570	20.18800	85.00000	0.0	0.0	0.0
				75.43000	20.18800	85.00000	0.0	0.0	0.0
				0.00000	20.90900	85.00000	0.0	0.0	0.0
				0.75430	20.90900	85.00000	0.0	0.0	0.0
				1.50860	20.90900	85.00000	0.0	0.0	0.0
				2.26290	20.90900	85.00000	0.0	0.0	0.0
				3.01720	20.90900	85.00000	0.0	0.0	0.0
				3.77150	20.90900	85.00000	0.0	0.0	0.0
				4.52580	20.90900	85.00000	0.0	0.0	0.0
				5.28010	20.90900	85.00000	0.0	0.0	0.0
				6.03440	20.90900	85.00000	0.0	0.0	0.0
				6.78870	20.90900	85.00000	0.0	0.0	0.0
				7.54300	20.90900	85.00000	0.0	0.0	0.0
				8.29730	20.90900	85.00000	0.0	0.0	0.0
				9.05160	20.90900	85.00000	0.0	0.0	0.0
				9.80590	20.90900	85.00000	0.0	0.0	0.0
				10.56020	20.90900	85.00000	0.0	0.0	0.0
				11.31450	20.90900	85.00000	0.0	0.0	0.0
				12.06880	20.90900	85.00000	0.0	0.0	0.090313
				12.82310	20.90900	85.00000	0.0	0.0	0.22151
				13.57740	20.90900	85.00000	0.0	0.0	0.35146
				14.33170	20.90900	85.00000	0.0	0.0	0.48005
				15.08600	20.90900	85.00000	0.0	0.0	0.60716
				15.84030	20.90900	85.00000	0.0	0.0	0.73264
				16.59460	20.90900	85.00000	0.0	0.0	0.85635
				17.34890	20.90900	85.00000	0.0	0.0	0.97810
				18.10320	20.90900	85.00000	0.073141	0.059983	1.1201
				18.85750	20.90900	85.00000	0.19208	0.16701	1.2593
				19.61180	20.90900	85.00000	0.36216	0.33397	1.3910
				20.36610	20.90900	85.00000	0.52168	0.51086	1.5190
				21.12040	20.90900	85.00000	0.66996	0.70019	1.6463
				21.87470	20.90900	85.00000	0.80624	0.90195	1.7750
				22.62900	20.90900	85.00000	0.92966	1.1166	1.9065
				23.38330	20.90900	85.00000	1.0393	1.3445	2.0411
				24.13760	20.90900	85.00000	1.1343	1.5857	2.1787
				24.89190	20.90900	85.00000	1.2135	1.8398	2.3183
				25.64620	20.90900	85.00000	1.2763	2.1062	2.4584
				26.40050	20.90900	85.00000	1.4460	2.4520	2.6354
				27.15480	20.90900	85.00000	1.6897	2.8549	2.8512
				27.90910	20.90900	85.00000	1.7319	2.9367	2.9847
				28.66340	20.90900	85.00000	1.7385	3.0187	3.1170
				29.41770	20.90900	85.00000	1.6273	3.2140	3.2686
				30.17200	20.90900	85.00000	1.4732	3.3963	3.4047
				30.92630	20.90900	85.00000	1.2779	3.5632	3.5216
				31.68060	20.90900	85.00000	1.0484	3.7243	3.6212
				32.43490	20.90900	85.00000	0.80831	3.9401	3.7273
				33.18920	20.90900	85.00000	0.54384	4.1380	3.8107
				33.94350	20.90900	85.00000	0.26270	4.3129	3.8688
				34.69780	20.90900	85.00000	0.16281	4.4162	3.9072
				35.45210	20.90900	85.00000	0.16555	4.4905	3.9453
				36.20640	20.90900	85.00000	0.16830	4.5651	3.9837
				36.96070	20.90900	85.00000	0.17107	4.6402	4.0226
				37.71500	20.90900	85.00000	0.17385	4.7156	4.0619
				38.46930	20.90900	85.00000	0.17664	4.7914	4.1015
				39.22360	20.90900	85.00000	0.17309	4.6952	4.0709
				39.97790	20.90900	85.00000	0.16869	4.5758	4.0303
				40.73220	20.90900	85.00000	0.16426	4.4557	3.9890
				41.48650	20.90900	85.00000	0.15980	4.3346	3.9469
				42.24080	20.90900	85.00000	0.15531	4.2128	3.9039
				42.99510	20.90900	85.00000	0.12285	4.0836	3.8642
				43.74940	20.90900	85.00000	-0.10765	3.8919	3.8377
				44.50370	20.90900	85.00000	-0.33361	3.6754	3.7848
				45.25800	20.90900	85.00000	-0.54776	3.4405	3.7077
				46.01230	20.90900	85.00000	-0.74368	3.1936	3.6089
				46.76660	20.90900	85.00000	-0.91609	2.9406	3.4914
				47.52090	20.90900	85.00000	-1.0611	2.6867	3.3583
				48.27520	20.90900	85.00000	-1.1761	2.4360	3.2131
				49.02950	20.90900	85.00000	-1.2599	2.1920	3.0589
				49.78380	20.90900	85.00000	-1.3362	1.9980	2.9156
				50.53810	20.90900	85.00000	-1.3795	1.8107	2.7649
				51.29240	20.90900	85.00000	-1.3884	1.6268	2.6085
				52.04670	20.90900	85.00000	-1.3647	1.4468	2.4496
				52.80100	20.90900	85.00000	-1.3106	1.2712	2.2908
				53.55530	20.90900	85.00000	-1.2281	1.1001	2.1346
				54.30960	20.90900	85.00000	-1.1195	0.93343	1.9826
				55.06390	20.90900	85.00000	-0.98681	0.77106	1.8353
				55.81820	20.90900	85.00000	-0.83200	0.61274	1.6927
				56.57250	20.90900	85.00000	-0.65684	0.45817	1.5534
				57.32680	20.90900	85.00000	-0.46288	0.30701	1.4149
				58.08110	20.90900	85.00000	-0.25151	0.15888	1.2736
				58.83540	20.90900	85.00000	-0.092524	0.056028	1.1244
				59.58970	20.90900	85.00000	0.0	0.0	0.97298
				60.34400	20.90900	85.00000	0.0	0.0	0.84353
				61.09830	20.90900	85.00000	0.0	0.0	0.71261
				61.85260	20.90900	85.00000	0.0	0.0	0.58036
				62.60690	20.90900	85.00000	0.0	0.0	0.44691
				63.36120	20.90900	85.00000	0.0	0.0	0.31294
				64.11550	20.90900	85.00000	0.0	0.0	0.17897
				64.86980	20.90900	85.00000	0.0	0.0	0.045007
				65.62410	20.90900	85.00000	0.0	0.0	0.0
				66.37840	20.90900	85.00000	0.0	0.0	0.0
				67.13270	20.90900	85.00000	0.0	0.0	0.0
				67.88700	20.90900	85.00000	0.0	0.0	0.0
				68.64130	20.90900	85.00000	0.0	0.0	0.0
				69.39560	20.90900	85.00000	0.0	0.0	0.0
				70.14990	20.90900	85.00000	0.0	0.0	0.0
				70.90420	20.90900	85.00000	0.0	0.0	0.0
				71.65850	20.90900	85.00000	0.0	0.0	0.0
				72.41280	20.90900	85.00000	0.0	0.0	0.0
				73.16710	20.90900	85.00000	0.0	0.0	0.0
				73.92140	20.90900	85.00000	0.0	0.0	0.0
				74.67570	20.90900	85.00000	0.0	0.0	0.0
				75.43000	20.90900	85.00000	0.0	0.0	0.0
				0.00000	21.63000	85.00000	0.0	0.0	0.0
				0.75430	21.63000	85.00000	0.0	0.0	0.0
				1.50860	21.63000	85.00000	0.0	0.0	0.0
				2.26290	21.63000	85.00000	0.0	0.0	0.0
				3.01720	21.63000	85.00000	0.0	0.0	0.0
				3.77150	21.63000	85.00000	0.0	0.0	0.0
				4.52580	21.63000	85.00000	0.0	0.0	0.0
				5.28010	21.63000	85.00000	0.0	0.0	0.0
				6.03440	21.63000	85.00000	0.0	0.0	0.0
				6.78870	21.63000	85.00000	0.0	0.0	0.0

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1										Job No.	Sheet No.	Rev.
										3500		
										Drg. Ref.		
										Made by PES	Date 01-Nov-2024	Checked
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz			
				[m]	[m]	[m]	[mm]	[mm]	[mm]			
				7.54300	21.63000	85.00000	0.0	0.0	0.0			
				8.29730	21.63000	85.00000	0.0	0.0	0.0			
				9.05160	21.63000	85.00000	0.0	0.0	0.0			
				9.80590	21.63000	85.00000	0.0	0.0	0.0			
				10.56020	21.63000	85.00000	0.0	0.0	0.0			
				11.31450	21.63000	85.00000	0.0	0.0	0.024544			
				12.06880	21.63000	85.00000	0.0	0.0	0.15879			
				12.82310	21.63000	85.00000	0.0	0.0	0.29198			
				13.57740	21.63000	85.00000	0.0	0.0	0.42402			
				14.33170	21.63000	85.00000	0.0	0.0	0.55481			
				15.08600	21.63000	85.00000	0.0	0.0	0.68422			
				15.84030	21.63000	85.00000	0.0	0.0	0.81213			
				16.59460	21.63000	85.00000	0.0	0.0	0.93838			
				17.34890	21.63000	85.00000	0.041416	0.029684	1.0768			
				18.10320	21.63000	85.00000	0.15796	0.12019	1.2240			
				18.85750	21.63000	85.00000	0.33668	0.27121	1.3624			
				19.61180	21.63000	85.00000	0.51281	0.43911	1.4967			
				20.36610	21.63000	85.00000	0.67841	0.61938	1.6304			
				21.12040	21.63000	85.00000	0.83269	0.81292	1.7664			
				21.87470	21.63000	85.00000	0.97475	1.0206	1.9065			
				22.62900	21.63000	85.00000	1.1036	1.2432	2.0515			
				23.38330	21.63000	85.00000	1.2181	1.4813	2.2018			
				24.13760	21.63000	85.00000	1.3171	1.7353	2.3566			
				24.89190	21.63000	85.00000	1.3995	2.0052	2.5146			
				25.64620	21.63000	85.00000	1.4640	2.2905	2.6740			
				26.40050	21.63000	85.00000	1.5348	2.6025	2.8407			
				27.15480	21.63000	85.00000	1.7823	3.0222	3.0805			
				27.90910	21.63000	85.00000	1.9557	3.3162	3.2955			
				28.66340	21.63000	85.00000	1.9817	3.3603	3.4268			
				29.41770	21.63000	85.00000	1.9024	3.5064	3.5799			
				30.17200	21.63000	85.00000	1.7262	3.7041	3.7325			
				30.92630	21.63000	85.00000	1.5015	3.8866	3.8627			
				31.68060	21.63000	85.00000	1.2316	4.0509	3.9673			
				32.43490	21.63000	85.00000	0.94771	4.2812	4.0837			
				33.18920	21.63000	85.00000	0.63796	4.5065	4.1808			
				33.94350	21.63000	85.00000	0.30771	4.7081	4.2495			
				34.69780	21.63000	85.00000	0.17795	4.8270	4.2945			
				35.45210	21.63000	85.00000	0.18088	4.9064	4.3381			
				36.20640	21.63000	85.00000	0.18383	4.9863	4.3822			
				36.96070	21.63000	85.00000	0.18678	5.0665	4.4266			
				37.71500	21.63000	85.00000	0.18975	5.1471	4.4715			
				38.46930	21.63000	85.00000	0.19274	5.2281	4.5168			
				39.22360	21.63000	85.00000	0.18913	5.1302	4.4808			
				39.97790	21.63000	85.00000	0.18434	5.0001	4.4297			
				40.73220	21.63000	85.00000	0.17951	4.8691	4.3777			
				41.48650	21.63000	85.00000	0.17465	4.7372	4.3248			
				42.24080	21.63000	85.00000	0.16975	4.6046	4.2711			
				42.99510	21.63000	85.00000	0.14125	4.4645	4.2198			
				43.74940	21.63000	85.00000	-0.13025	4.2398	4.1862			
				44.50370	21.63000	85.00000	-0.39603	3.9883	4.1233			
				45.25800	21.63000	85.00000	-0.64711	3.7180	4.0336			
				46.01230	21.63000	85.00000	-0.87566	3.4368	3.9201			
				46.76660	21.63000	85.00000	-1.0755	3.1517	3.7862			
				47.52090	21.63000	85.00000	-1.2423	2.8686	3.6356			
				48.27520	21.63000	85.00000	-1.3735	2.5922	3.4720			
				49.02950	21.63000	85.00000	-1.4895	2.3525	3.3120			
				49.78380	21.63000	85.00000	-1.5708	2.1482	3.1547			
				50.53810	21.63000	85.00000	-1.6177	1.9483	2.9868			
				51.29240	21.63000	85.00000	-1.6263	1.7536	2.8123			
				52.04670	21.63000	85.00000	-1.5992	1.5645	2.6350			
				52.80100	21.63000	85.00000	-1.5391	1.3814	2.4582			
				53.55530	21.63000	85.00000	-1.4488	1.2040	2.2849			
				54.30960	21.63000	85.00000	-1.3310	1.0322	2.1170			
				55.06390	21.63000	85.00000	-1.1883	0.86574	1.9558			
				55.81820	21.63000	85.00000	-1.0229	0.70415	1.8015			
				56.57250	21.63000	85.00000	-0.83691	0.54704	1.6531			
				57.32680	21.63000	85.00000	-0.63204	0.39393	1.5085			
				58.08110	21.63000	85.00000	-0.40983	0.24439	1.3643			
				58.83540	21.63000	85.00000	-0.18644	0.10660	1.2158			
				59.58970	21.63000	85.00000	-0.031967	0.017655	1.0567			
				60.34400	21.63000	85.00000	0.0	0.0	0.91436			
				61.09830	21.63000	85.00000	0.0	0.0	0.78114			
				61.85260	21.63000	85.00000	0.0	0.0	0.64718			
				62.60690	21.63000	85.00000	0.0	0.0	0.51321			
				63.36120	21.63000	85.00000	0.0	0.0	0.37924			
				64.11550	21.63000	85.00000	0.0	0.0	0.24528			
				64.86980	21.63000	85.00000	0.0	0.0	0.11131			
				65.62410	21.63000	85.00000	0.0	0.0	0.0			
				66.37840	21.63000	85.00000	0.0	0.0	0.0			
				67.13270	21.63000	85.00000	0.0	0.0	0.0			
				67.88700	21.63000	85.00000	0.0	0.0	0.0			
				68.64130	21.63000	85.00000	0.0	0.0	0.0			
				69.39560	21.63000	85.00000	0.0	0.0	0.0			
				70.14990	21.63000	85.00000	0.0	0.0	0.0			
				70.90420	21.63000	85.00000	0.0	0.0	0.0			
				71.65850	21.63000	85.00000	0.0	0.0	0.0			
				72.41280	21.63000	85.00000	0.0	0.0	0.0			
				73.16710	21.63000	85.00000	0.0	0.0	0.0			
				73.92140	21.63000	85.00000	0.0	0.0	0.0			
				74.67570	21.63000	85.00000	0.0	0.0	0.0			
				75.43000	21.63000	85.00000	0.0	0.0	0.0			
				0.00000	22.35100	85.00000	0.0	0.0	0.0			
				0.75430	22.35100	85.00000	0.0	0.0	0.0			
				1.50860	22.35100	85.00000	0.0	0.0	0.0			
				2.26290	22.35100	85.00000	0.0	0.0	0.0			
				3.01720	22.35100	85.00000	0.0	0.0	0.0			
				3.77150	22.35100	85.00000	0.0	0.0	0.0			
				4.52580	22.35100	85.00000	0.0	0.0	0.0			
				5.28010	22.35100	85.00000	0.0	0.0	0.0			
				6.03440	22.35100	85.00000	0.0	0.0	0.0			
				6.78770	22.35100	85.00000	0.0	0.0	0.0			
				7.54300	22.35100	85.00000	0.0	0.0	0.0			
				8.29730	22.35100	85.00000	0.0	0.0	0.0			
				9.05160	22.35100	85.00000	0.0	0.0	0.0			
				9.80590	22.35100	85.00000	0.0	0.0	0.0			
				10.56020	22.35100	85.00000	0.0	0.0	0.0			
				11.31450	22.35100	85.00000	0.0	0.0	0.087645			
				12.06880	22.35100	85.00000	0.0	0.0	0.22374			
				12.82310	22.35100	85.00000	0.0	0.0	0.35887			
				13.57740	22.35100	85.00000	0.0	0.0	0.49297			
				14.33170	22.35100	85.00000	0.0	0.0	0.62592			
				15.08600	22.35100	85.00000	0.0	0.0	0.75761			
				15.84030	22.35100	85.00000	0.0	0.0	0.88791			
				16.59460	22.35100	85.00000	0.0	0.0	1.0167			
				17.34890	22.35100	85.00000	0.12167	0.080172	1.1747			
				18.10320	22.35100	85.00000	0.28863	0.20189	1.3200			
				18.85750	22.35100	85.00000	0.48130	0.35777	1.4601			
				19.61180	22.35100	85.00000	0.66428	0.52605	1.5993			
				20.36610	22.35100	85.00000	0.83682	0.70788	1.7410			
				21.12040	22.35100	85.00000	0.99804	0.90441	1.8877			
				21.87470	22.35100	85.00000	1.1469	1.1168	2.0410			
				22.62900	22.35100	85.00000	1.2822	1.3462	2.2014			
				23.38330	22.35100	85.00000	1.4027	1.5934	2.3690			
				24.13760	22.35100	85.00000	1.5070	1.8594	2.5426			
				24.89190	22.35100	85.00000	1.5935	2.1446	2.7206			
				25.64620	22.35100	85.00000	1.6608	2.4488	2.9008			
				26.40050	22.35100	85.00000	1.7075	2.7715	3.0803			
				27.15480	22.35100	85.00000	1.8679	3.1673	3.3103			
				27.90910	22.35100	85.00000	2.1429	3.6335	3.6079			
				28.668								

 A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1						Job No.	Sheet No.	Rev.	
						3500			
						Drg. Ref.			
						Made by PES	Date 01-Nov-2024	Checked Date	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				29.41770	22.35100	85.00000	2.2139	3.7929	3.9080
				30.17200	22.35100	85.00000	2.0153	4.0078	4.0774
				30.92630	22.35100	85.00000	1.7593	4.2078	4.2210
				31.68060	22.35100	85.00000	1.4488	4.3895	4.3351
				32.43490	22.35100	85.00000	1.1099	4.6177	4.4515
				33.18920	22.35100	85.00000	0.74791	4.8749	4.5634
				33.94350	22.35100	85.00000	0.36032	5.1074	4.6442
				34.69780	22.35100	85.00000	0.19337	5.2452	4.6964
				35.45210	22.35100	85.00000	0.19649	5.3298	4.7456
				36.20640	22.35100	85.00000	0.19963	5.4148	4.7953
				36.96070	22.35100	85.00000	0.20277	5.5002	4.8454
				37.71500	22.35100	85.00000	0.20594	5.5860	4.8959
				38.46930	22.35100	85.00000	0.20911	5.6722	4.9468
				39.22360	22.35100	85.00000	0.20549	5.5740	4.9059
				39.97790	22.35100	85.00000	0.20030	5.4330	4.8433
				40.73220	22.35100	85.00000	0.19507	5.2912	4.7798
				41.48650	22.35100	85.00000	0.18981	5.1486	4.7153
				42.24080	22.35100	85.00000	0.18452	5.0051	4.6500
				42.99510	22.35100	85.00000	0.16243	4.8554	4.5859
				43.74940	22.35100	85.00000	-0.15753	4.5917	4.5439
				44.50370	22.35100	85.00000	-0.47019	4.2991	4.4696
				45.25800	22.35100	85.00000	-0.76423	3.9877	4.3661
				46.01230	22.35100	85.00000	-1.0300	3.6671	4.2369
				46.76660	22.35100	85.00000	-1.2603	3.3459	4.0858
				47.52090	22.35100	85.00000	-1.4504	3.0307	3.9170
				48.27520	22.35100	85.00000	-1.5989	2.7285	3.7354
				49.02950	22.35100	85.00000	-1.7410	2.5036	3.5781
				49.78380	22.35100	85.00000	-1.8349	2.2842	3.4042
				50.53810	22.35100	85.00000	-1.8830	2.0715	3.2181
				51.29240	22.35100	85.00000	-1.8885	1.8661	3.0244
				52.04670	22.35100	85.00000	-1.8550	1.6684	2.8276
				52.80100	22.35100	85.00000	-1.7861	1.4781	2.6315
				53.55530	22.35100	85.00000	-1.6852	1.2951	2.4397
				54.30960	22.35100	85.00000	-1.5558	1.1189	2.2546
				55.06390	22.35100	85.00000	-1.4008	0.94888	2.0779
				55.81820	22.35100	85.00000	-1.2227	0.78463	1.9103
				56.57250	22.35100	85.00000	-1.0239	0.62554	1.7511
				57.32680	22.35100	85.00000	-0.80647	0.47104	1.5986
				58.08110	22.35100	85.00000	-0.57195	0.32059	1.4496
				58.83540	22.35100	85.00000	-0.32176	0.17365	1.2997
				59.58970	22.35100	85.00000	-0.12045	0.062861	1.1428
				60.34400	22.35100	85.00000	0.0	0.0	0.98142
				61.09830	22.35100	85.00000	0.0	0.0	0.84745
				61.85260	22.35100	85.00000	0.0	0.0	0.71348
				62.60690	22.35100	85.00000	0.0	0.0	0.57951
				63.36120	22.35100	85.00000	0.0	0.0	0.44555
				64.11550	22.35100	85.00000	0.0	0.0	0.31158
				64.86980	22.35100	85.00000	0.0	0.0	0.17761
				65.62410	22.35100	85.00000	0.0	0.0	0.043648
				66.37840	22.35100	85.00000	0.0	0.0	0.0
				67.13270	22.35100	85.00000	0.0	0.0	0.0
				67.88700	22.35100	85.00000	0.0	0.0	0.0
				68.64130	22.35100	85.00000	0.0	0.0	0.0
				69.39560	22.35100	85.00000	0.0	0.0	0.0
				70.14990	22.35100	85.00000	0.0	0.0	0.0
				70.90420	22.35100	85.00000	0.0	0.0	0.0
				71.65850	22.35100	85.00000	0.0	0.0	0.0
				72.41280	22.35100	85.00000	0.0	0.0	0.0
				73.16710	22.35100	85.00000	0.0	0.0	0.0
				73.92140	22.35100	85.00000	0.0	0.0	0.0
				74.67570	22.35100	85.00000	0.0	0.0	0.0
				75.43000	22.35100	85.00000	0.0	0.0	0.0
				0.00000	23.07200	85.00000	0.0	0.0	0.0
				0.75430	23.07200	85.00000	0.0	0.0	0.0
				1.50860	23.07200	85.00000	0.0	0.0	0.0
				2.26290	23.07200	85.00000	0.0	0.0	0.0
				3.01720	23.07200	85.00000	0.0	0.0	0.0
				3.77150	23.07200	85.00000	0.0	0.0	0.0
				4.52580	23.07200	85.00000	0.0	0.0	0.0
				5.28010	23.07200	85.00000	0.0	0.0	0.0
				6.03440	23.07200	85.00000	0.0	0.0	0.0
				6.78870	23.07200	85.00000	0.0	0.0	0.0
				7.54300	23.07200	85.00000	0.0	0.0	0.0
				8.29730	23.07200	85.00000	0.0	0.0	0.0
				9.05160	23.07200	85.00000	0.0	0.0	0.0
				9.80590	23.07200	85.00000	0.0	0.0	0.0
				10.56020	23.07200	85.00000	0.0	0.0	0.0084642
				11.31450	23.07200	85.00000	0.0	0.0	0.14713
				12.06880	23.07200	85.00000	0.0	0.0	0.28502
				12.82310	23.07200	85.00000	0.0	0.0	0.42204
				13.57740	23.07200	85.00000	0.0	0.0	0.55813
				14.33170	23.07200	85.00000	0.0	0.0	0.69319
				15.08600	23.07200	85.00000	0.0	0.0	0.82711
				15.84030	23.07200	85.00000	0.0	0.0	0.95978
				16.59460	23.07200	85.00000	0.073582	0.041704	1.1116
				17.34890	23.07200	85.00000	0.21946	0.13199	1.2647
				18.10320	23.07200	85.00000	0.42556	0.27223	1.4099
				18.85750	23.07200	85.00000	0.62564	0.42623	1.5537
				19.61180	23.07200	85.00000	0.81629	0.59352	1.6997
				20.36610	23.07200	85.00000	0.99671	0.77545	1.8511
				21.12040	23.07200	85.00000	1.1659	0.97345	2.0101
				21.87470	23.07200	85.00000	1.3227	1.1890	2.1781
				22.62900	23.07200	85.00000	1.4657	1.4235	2.3553
				23.38330	23.07200	85.00000	1.5935	1.6785	2.5413
				24.13760	23.07200	85.00000	1.7043	1.9552	2.7349
				24.89190	23.07200	85.00000	1.7963	2.2546	2.9340
				25.64620	23.07200	85.00000	1.8677	2.5773	3.1360
				26.40050	23.07200	85.00000	1.9166	2.9231	3.3377
				27.15480	23.07200	85.00000	1.9413	3.2910	3.5354
				27.90910	23.07200	85.00000	2.2259	3.7743	3.8588
				28.66340	23.07200	85.00000	2.4539	4.1610	4.1581
				29.41770	23.07200	85.00000	2.4660	4.1816	4.2857
				30.17200	23.07200	85.00000	2.3475	4.3054	4.4353
				30.92630	23.07200	85.00000	2.0587	4.5251	4.5920
				31.68060	23.07200	85.00000	1.7035	4.7267	4.7148
				32.43490	23.07200	85.00000	1.3006	4.9474	4.8237
				33.18920	23.07200	85.00000	0.87785	5.2417	4.9515
				33.94350	23.07200	85.00000	0.42258	5.5106	5.0455
				34.69780	23.07200	85.00000	0.20908	5.6714	5.1057
				35.45210	23.07200	85.00000	0.21240	5.7613	5.1604
				36.20640	23.07200	85.00000	0.21572	5.8515	5.2155
				36.96070	23.07200	85.00000	0.21906	5.9421	5.2710
				37.71500	23.07200	85.00000	0.22242	6.0331	5.3269
				38.46930	23.07200	85.00000	0.22579	6.1245	5.3833
				39.22360	23.07200	85.00000	0.22219	6.0270	5.3382
				39.97790	23.07200	85.00000	0.21660	5.8753	5.2635
				40.73220	23.07200	85.00000	0.21098	5.7227	5.1879
				41.48650	23.07200	85.00000	0.20532	5.5693	5.1113
				42.24080	23.07200	85.00000	0.19963	5.4151	5.0338
				42.99510	23.07200	85.00000	0.18717	5.2575	4.9562
				43.74940	23.07200	85.00000	-0.13084	4.9472	4.9041
				44.50370	23.07200	85.00000	-0.55933	4.6058	4.8172
				45.25800	23.07200	85.00000	-0.90379	4.2461	4.6987
				46.01230	23.07200	85.00000	-1.2123	3.8802	4.5530
				46.76660	23.07200	85.00000	-1.4763	3.5182	4.3841
				47.52090	23.07200	85.00000	-1.6909	3.1681	4.1967
				48.27520	23.07200	85.00000	-1.8813	2.8815	4.0245
				49.02950	23.07200	85.00000	-2.0346	2.6380	3.8526
				49.78380	23.07200	85.00000	-2.1322	2.4031	3.6615
				50.53810	23.07200	85.000			

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
Made by PES		Date 01-Nov-2024		Checked		Date									
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				51.29240	23.07200	85.00000	-2.1770	1.9624	3.2429						
				52.04670	23.07200	85.00000	-2.1335	1.7567	3.0256						
				52.80100	23.07200	85.00000	-2.0523	1.5602	2.8092						
				53.55530	23.07200	85.00000	-1.9378	1.3724	2.5978						
				54.30960	23.07200	85.00000	-1.7938	1.1925	2.3943						
				55.06390	23.07200	85.00000	-1.6238	1.0198	2.2010						
				55.81820	23.07200	85.00000	-1.4308	0.85368	2.0188						
				56.57250	23.07200	85.00000	-1.2173	0.69331	1.8475						
				57.32680	23.07200	85.00000	-0.98548	0.53806	1.6857						
				58.08110	23.07200	85.00000	-0.73710	0.38727	1.5304						
				58.83540	23.07200	85.00000	-0.48531	0.25129	1.3801						
				59.58970	23.07200	85.00000	-0.23009	0.11914	1.2273						
				60.34400	23.07200	85.00000	-0.042114	0.021806	1.0609						
				61.09830	23.07200	85.00000	0.0	0.0	0.91375						
				61.85260	23.07200	85.00000	0.0	0.0	0.77979						
				62.60690	23.07200	85.00000	0.0	0.0	0.64582						
				63.36120	23.07200	85.00000	0.0	0.0	0.51185						
				64.11550	23.07200	85.00000	0.0	0.0	0.37789						
				64.86980	23.07200	85.00000	0.0	0.0	0.24384						
				65.62410	23.07200	85.00000	0.0	0.0	0.10898						
				66.37840	23.07200	85.00000	0.0	0.0	0.0						
				67.13270	23.07200	85.00000	0.0	0.0	0.0						
				67.88700	23.07200	85.00000	0.0	0.0	0.0						
				68.64130	23.07200	85.00000	0.0	0.0	0.0						
				69.39560	23.07200	85.00000	0.0	0.0	0.0						
				70.14990	23.07200	85.00000	0.0	0.0	0.0						
				70.90420	23.07200	85.00000	0.0	0.0	0.0						
				71.65850	23.07200	85.00000	0.0	0.0	0.0						
				72.41280	23.07200	85.00000	0.0	0.0	0.0						
				73.16710	23.07200	85.00000	0.0	0.0	0.0						
				73.92140	23.07200	85.00000	0.0	0.0	0.0						
				74.67570	23.07200	85.00000	0.0	0.0	0.0						
				75.43000	23.07200	85.00000	0.0	0.0	0.0						
				0.00000	23.79300	85.00000	0.0	0.0	0.0						
				0.75430	23.79300	85.00000	0.0	0.0	0.0						
				1.50860	23.79300	85.00000	0.0	0.0	0.0						
				2.26290	23.79300	85.00000	0.0	0.0	0.0						
				3.01720	23.79300	85.00000	0.0	0.0	0.0						
				3.77150	23.79300	85.00000	0.0	0.0	0.0						
				4.52580	23.79300	85.00000	0.0	0.0	0.0						
				5.28010	23.79300	85.00000	0.0	0.0	0.0						
				6.03440	23.79300	85.00000	0.0	0.0	0.0						
				6.78870	23.79300	85.00000	0.0	0.0	0.0						
				7.54300	23.79300	85.00000	0.0	0.0	0.0						
				8.29730	23.79300	85.00000	0.0	0.0	0.0						
				9.05160	23.79300	85.00000	0.0	0.0	0.0						
				9.80590	23.79300	85.00000	0.0	0.0	0.0						
				10.56020	23.79300	85.00000	0.0	0.0	0.062564						
				11.31450	23.79300	85.00000	0.0	0.0	0.20286						
				12.06880	23.79300	85.00000	0.0	0.0	0.34247						
				12.82310	23.79300	85.00000	0.0	0.0	0.48132						
				13.57740	23.79300	85.00000	0.0	0.0	0.61934						
				14.33170	23.79300	85.00000	0.0	0.0	0.75644						
				15.08600	23.79300	85.00000	0.0	0.0	0.89253						
				15.84030	23.79300	85.00000	0.0081948	0.0039901	1.0325						
				16.59460	23.79300	85.00000	0.15150	0.077910	1.1959						
				17.34890	23.79300	85.00000	0.35405	0.19358	1.3483						
				18.10320	23.79300	85.00000	0.56986	0.33120	1.4961						
				18.85750	23.79300	85.00000	0.77323	0.47878	1.6445						
				19.61180	23.79300	85.00000	0.96846	0.64097	1.7982						
				20.36610	23.79300	85.00000	1.1577	0.82128	1.9606						
				21.12040	23.79300	85.00000	1.3360	1.0189	2.1330						
				21.87470	23.79300	85.00000	1.5020	1.2356	2.3166						
				22.62900	23.79300	85.00000	1.6541	1.4734	2.5114						
				23.38330	23.79300	85.00000	1.7906	1.7341	2.7167						
				24.13760	23.79300	85.00000	1.9096	2.0196	2.9308						
				24.89190	23.79300	85.00000	2.0088	2.3317	3.1516						
				25.64620	23.79300	85.00000	2.0858	2.6715	3.3759						
				26.40050	23.79300	85.00000	2.1383	3.0398	3.6003						
				27.15480	23.79300	85.00000	2.1641	3.4364	3.8206						
				27.90910	23.79300	85.00000	2.2964	3.8940	4.0978						
				28.66340	23.79300	85.00000	2.6096	4.4250	4.4839						
				29.41770	23.79300	85.00000	2.7153	4.6042	4.6957						
				30.17200	23.79300	85.00000	2.7171	4.6073	4.8055						
				30.92630	23.79300	85.00000	2.4089	4.8363	4.9702						
				31.68060	23.79300	85.00000	2.0052	5.0608	5.1007						
				32.43490	23.79300	85.00000	1.5274	5.2668	5.1919						
				33.18920	23.79300	85.00000	1.0335	5.6046	5.3363						
				33.94350	23.79300	85.00000	0.49733	5.9171	5.4447						
				34.69780	23.79300	85.00000	0.22512	6.1063	5.5138						
				35.45210	23.79300	85.00000	0.22614	6.2014	5.5735						
				36.20640	23.79300	85.00000	0.23214	6.2969	5.6337						
				36.96070	23.79300	85.00000	0.23568	6.3927	5.6942						
				37.71500	23.79300	85.00000	0.23923	6.4890	5.7551						
				38.46930	23.79300	85.00000	0.24279	6.5856	5.8164						
				39.22360	23.79300	85.00000	0.23926	6.4900	5.7680						
				39.97790	23.79300	85.00000	0.23327	6.3275	5.6810						
				40.73220	23.79300	85.00000	0.22725	6.1642	5.5931						
				41.48650	23.79300	85.00000	0.22120	6.0001	5.5042						
				42.24080	23.79300	85.00000	0.21512	5.8351	5.4145						
				42.99510	23.79300	85.00000	0.20901	5.6693	5.3238						
				43.74940	23.79300	85.00000	-0.23205	5.3055	5.2592						
				44.50370	23.79300	85.00000	-0.66793	4.9052	5.1580						
				45.25800	23.79300	85.00000	-1.0722	4.4882	5.0238						
				46.01230	23.79300	85.00000	-1.4297	4.0699	4.8610						
				46.76660	23.79300	85.00000	-1.7307	3.6623	4.6743						
				47.52090	23.79300	85.00000	-1.9784	3.2880	4.4783						
				48.27520	23.79300	85.00000	-2.2084	3.0144	4.3188						
				49.02950	23.79300	85.00000	-2.3696	2.7519	4.1321						
				49.78380	23.79300	85.00000	-2.4667	2.5020	3.9237						
				50.53810	23.79300	85.00000	-2.5059	2.2649	3.6993						
				51.29240	23.79300	85.00000	-2.4935	2.0404	3.4651						
				52.04670	23.79300	85.00000	-2.4356	1.8278	3.2267						
				52.80100	23.79300	85.00000	-2.3382	1.6262	2.9893						
				53.55530	23.79300	85.000									

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				73.16710	23.79300	85.00000	0.0	0.0	0.0						
				73.92140	23.79300	85.00000	0.0	0.0	0.0						
				74.67570	23.79300	85.00000	0.0	0.0	0.0						
				75.43000	23.79300	85.00000	0.0	0.0	0.0						
				0.00000	24.51400	85.00000	0.0	0.0	0.0						
				0.75430	24.51400	85.00000	0.0	0.0	0.0						
				1.50860	24.51400	85.00000	0.0	0.0	0.0						
				2.26290	24.51400	85.00000	0.0	0.0	0.0						
				3.01720	24.51400	85.00000	0.0	0.0	0.0						
				3.77150	24.51400	85.00000	0.0	0.0	0.0						
				4.52580	24.51400	85.00000	0.0	0.0	0.0						
				5.28010	24.51400	85.00000	0.0	0.0	0.0						
				6.03440	24.51400	85.00000	0.0	0.0	0.0						
				6.78870	24.51400	85.00000	0.0	0.0	0.0						
				7.54300	24.51400	85.00000	0.0	0.0	0.0						
				8.29730	24.51400	85.00000	0.0	0.0	0.0						
				9.05160	24.51400	85.00000	0.0	0.0	0.0						
				9.80590	24.51400	85.00000	0.0	0.0	0.0						
				10.56020	24.51400	85.00000	0.0	0.0	0.11285						
				11.31450	24.51400	85.00000	0.0	0.0	0.25470						
				12.06880	24.51400	85.00000	0.0	0.0	0.39595						
				12.82310	24.51400	85.00000	0.0	0.0	0.53654						
				13.57740	24.51400	85.00000	0.0	0.0	0.67641						
				14.33170	24.51400	85.00000	0.0	0.0	0.81548						
				15.08600	24.51400	85.00000	0.0	0.0	0.95365						
				15.84030	24.51400	85.00000	0.080120	0.035192	1.1119						
				16.59460	24.51400	85.00000	0.25154	0.11691	1.2730						
				17.34890	24.51400	85.00000	0.48917	0.24160	1.4264						
				18.10320	24.51400	85.00000	0.71578	0.37544	1.5784						
				18.85750	24.51400	85.00000	0.93046	0.51962	1.7339						
				19.61180	24.51400	85.00000	1.1320	0.67548	1.8966						
				20.36610	24.51400	85.00000	1.3194	0.84467	2.0686						
				21.12040	24.51400	85.00000	1.5079	1.0397	2.2551						
				21.87470	24.51400	85.00000	1.6844	1.2553	2.4548						
				22.62900	24.51400	85.00000	1.8471	1.4938	2.6676						
				23.38330	24.51400	85.00000	1.9942	1.7576	2.8923						
				24.13760	24.51400	85.00000	2.1231	2.0494	3.1271						
				24.89190	24.51400	85.00000	2.2314	2.3716	3.3695						
				25.64620	24.51400	85.00000	2.3161	2.7265	3.6162						
				26.40050	24.51400	85.00000	2.3743	3.1160	3.8631						
				27.15480	24.51400	85.00000	2.4027	3.5408	4.1060						
				27.90910	24.51400	85.00000	2.3988	4.0003	4.3401						
				28.66340	24.51400	85.00000	2.6785	4.5418	4.7281						
				29.41770	24.51400	85.00000	2.9757	5.0457	5.1300						
				30.17200	24.51400	85.00000	2.9749	5.0443	5.2318						
				30.92630	24.51400	85.00000	2.8217	5.1385	5.3494						
				31.68060	24.51400	85.00000	2.3660	5.3891	5.4858						
				32.43490	24.51400	85.00000	1.8145	5.6177	5.5755						
				33.18920	24.51400	85.00000	1.2227	5.9605	5.7077						
				33.94350	24.51400	85.00000	0.58862	6.3256	5.8317						
				34.69780	24.51400	85.00000	0.24150	6.5506	5.9106						
				35.45210	24.51400	85.00000	0.24520	6.6510	5.9748						
				36.20640	24.51400	85.00000	0.24891	6.7517	6.0393						
				36.96070	24.51400	85.00000	0.25264	6.8528	6.1042						
				37.71500	24.51400	85.00000	0.25638	6.9543	6.1694						
				38.46930	24.51400	85.00000	0.26014	7.0562	6.2349						
				39.22360	24.51400	85.00000	0.25672	6.9636	6.1843						
				39.97790	24.51400	85.00000	0.25034	6.7905	6.0851						
				40.73220	24.51400	85.00000	0.24392	6.6164	5.9851						
				41.48650	24.51400	85.00000	0.23748	6.4416	5.8842						
				42.24080	24.51400	85.00000	0.23100	6.2659	5.7825						
				42.99510	24.51400	85.00000	0.22449	6.0894	5.6798						
				43.74940	24.51400	85.00000	-0.28386	5.6651	5.5998						
				44.50370	24.51400	85.00000	-0.80243	5.1927	5.4831						
				45.25800	24.51400	85.00000	-1.2782	4.7071	5.3324						
				46.01230	24.51400	85.00000	-1.6920	4.2278	5.1525						
				46.76660	24.51400	85.00000	-2.0330	3.7694	4.9485						
				47.52090	24.51400	85.00000	-2.3430	3.4199	4.7849						
				48.27520	24.51400	85.00000	-2.5880	3.1223	4.6143						
				49.02950	24.51400	85.00000	-2.7518	2.8412	4.4130						
				49.78380	24.51400	85.00000	-2.8426	2.5772	4.1871						
				50.53810	24.51400	85.00000	-2.8689	2.3298	3.9431						
				51.29240	24.51400	85.00000	-2.8394	2.0978	3.6880						
				52.04670	24.51400	85.00000	-2.7620	1.8800	3.4280						
				52.80100	24.51400	85.00000	-2.6436	1.6749	3.1692						
				53.55530	24.51400	85.00000	-2.4903	1.4812	2.9167						
				54.30960	24.51400	85.00000	-2.3073	1.2975	2.6745						
				55.06390	24.51400	85.00000	-2.0989	1.1227	2.4457						
				55.81820	24.51400	85.00000	-1.8819	0.97444	2.2370						
				56.57250	24.51400	85.00000	-1.6766	0.86810	2.0522						
				57.32680	24.51400	85.00000	-1.4477	0.74959	1.8775						
				58.08110	24.51400	85.00000	-1.1948	0.61867	1.7128						
				58.83540	24.51400	85.00000	-0.90648	0.46936	1.5537						
				59.58970	24.51400	85.00000	-0.56494	0.29252	1.3922						
				60.34400	24.51400	85.00000	-0.24980	0.12935	1.2299						
				61.09830	24.51400	85.00000	-0.039777	0.020596	1.0590						
				61.85260	24.51400	85.00000	0.0	0.0	0.91239						
				62.60690	24.51400	85.00000	0.0	0.0	0.77774						
				63.36120	24.51400	85.00000	0.0	0.0	0.64198						
				64.11550	24.51400	85.00000	0.0	0.0	0.50521						
				64.86980	24.51400	85.00000	0.0	0.0	0.36752						
				65.62410	24.51400	85.00000	0.0	0.0	0.22901						
				66.37840	24.51400	85.00000	0.0	0.0	0.089733						
				67.13270	24.51400	85.00000	0.0	0.0	0.0						
				67.88700	24.51400	85.00000	0.0	0.0	0.0						
				68.64130	24.51400	85.00000	0.0	0.0	0.0						
				69.39560	24.51400	85.00000	0.0	0.0	0.0						
				70.14990	24.51400	85.00000	0.0	0.0	0.0						
				70.90420	24.51400	85.00000	0.0	0.0	0.0						
				71.65850	24.51400	85.00000	0.0	0.0	0.0						
				72.41280	24.51400	85.00000	0.0	0.0	0.0						
				73.16710	24.51400	85.00000	0.0	0.0	0.0						
				73.92140	24.51400	85.00000	0.0	0.0	0.0						
				74.67570	24.51400	85.00000	0.0	0.0	0.0						
				75.43000	24.51400	85.00000	0.0	0.0	0.0						
				0.00000	25.23500	85.00000	0.0	0.0	0.0						
				0.75430	25.23500	85.00000	0.0								

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.	Sheet No.	Rev.	
										3500			
										Drg. Ref.			
										Made by PES	Date 01-Nov-2024	Checked	Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz				
				[m]	[m]	[m]	[mm]	[mm]	[mm]				
				18.85750	25.23500	85.00000	1.0897	0.54430	1.8206				
				19.61180	25.23500	85.00000	1.3045	0.69563	1.9942				
				20.36610	25.23500	85.00000	1.5053	0.86061	2.1796				
				21.12040	25.23500	85.00000	1.6903	1.0411	2.3773				
				21.87470	25.23500	85.00000	1.8694	1.2468	2.5906				
				22.62900	25.23500	85.00000	2.0444	1.4829	2.8211				
				23.38330	25.23500	85.00000	2.2038	1.7466	3.0649				
				24.13760	25.23500	85.00000	2.3450	2.0411	3.3200				
				24.89190	25.23500	85.00000	2.4648	2.3700	3.5834				
				25.64620	25.23500	85.00000	2.5597	2.7368	3.8517				
				26.40050	25.23500	85.00000	2.6260	3.1447	4.1204				
				27.15480	25.23500	85.00000	2.6596	3.5960	4.3851				
				27.90910	25.23500	85.00000	2.6565	4.0919	4.6407				
				28.66340	25.23500	85.00000	2.7355	4.6385	4.9456				
				29.41770	25.23500	85.00000	3.0878	5.2358	5.4116				
				30.17200	25.23500	85.00000	3.2441	5.5008	5.6735				
				30.92630	25.23500	85.00000	3.2335	5.4828	5.7418				
				31.68060	25.23500	85.00000	2.8024	5.7077	5.8631				
				32.43490	25.23500	85.00000	2.1691	5.9677	5.9507				
				33.18920	25.23500	85.00000	1.4571	6.3041	6.0544				
				33.94350	25.23500	85.00000	0.70238	6.7339	6.1947				
				34.69780	25.23500	85.00000	0.25825	7.0049	6.2847				
				35.45210	25.23500	85.00000	0.26214	7.1105	6.3523				
				36.20640	25.23500	85.00000	0.26605	7.2165	6.4203				
				36.96070	25.23500	85.00000	0.26997	7.3230	6.4885				
				37.71500	25.23500	85.00000	0.27391	7.4298	6.5570				
				38.46930	25.23500	85.00000	0.27786	7.5370	6.6258				
				39.22360	25.23500	85.00000	0.27460	7.4486	6.5741				
				39.97790	25.23500	85.00000	0.26782	7.2647	6.4635				
				40.73220	25.23500	85.00000	0.26101	7.0800	6.3521				
				41.48650	25.23500	85.00000	0.25417	6.8945	6.2399				
				42.24080	25.23500	85.00000	0.24730	6.7081	6.1269				
				42.99510	25.23500	85.00000	0.24040	6.5208	6.0132				
				43.74940	25.23500	85.00000	-0.35036	6.0234	5.9157				
				44.50370	25.23500	85.00000	-0.97229	5.4610	5.7822				
				45.25800	25.23500	85.00000	-1.5344	4.8922	5.6146				
				46.01230	25.23500	85.00000	-2.0126	4.3423	5.4184				
				46.76660	25.23500	85.00000	-2.4162	3.8642	5.2279				
				47.52090	25.23500	85.00000	-2.7753	3.5205	5.0878				
				48.27520	25.23500	85.00000	-3.0288	3.1992	4.9069				
				49.02950	25.23500	85.00000	-3.1874	2.9010	4.6913				
				49.78380	25.23500	85.00000	-3.2634	2.6250	4.4479				
				50.53810	25.23500	85.00000	-3.2691	2.3695	4.1843				
				51.29240	25.23500	85.00000	-3.2155	2.1324	3.9081				
				52.04670	25.23500	85.00000	-3.1122	1.9115	3.6265				
				52.80100	25.23500	85.00000	-2.9676	1.7049	3.3462				
				53.55530	25.23500	85.00000	-2.7885	1.5108	3.0728				
				54.30960	25.23500	85.00000	-2.5874	1.3397	2.8154				
				55.06390	25.23500	85.00000	-2.4084	1.2471	2.5954				
				55.81820	25.23500	85.00000	-2.2071	1.1428	2.3825				
				56.57250	25.23500	85.00000	-1.9831	1.0268	2.1803				
				57.32680	25.23500	85.00000	-1.7331	0.89736	1.9904				
				58.08110	25.23500	85.00000	-1.3711	0.70993	1.8004				
				58.83540	25.23500	85.00000	-1.0238	0.53012	1.6276				
				59.58970	25.23500	85.00000	-0.69080	0.35769	1.4653				
				60.34400	25.23500	85.00000	-0.37157	0.19239	1.3061				
				61.09830	25.23500	85.00000	-0.13468	0.067145	1.1429				
				61.85260	25.23500	85.00000	0.0	0.0	0.97639				
				62.60690	25.23500	85.00000	0.0	0.0	0.83956				
				63.36120	25.23500	85.00000	0.0	0.0	0.70175				
				64.11550	25.23500	85.00000	0.0	0.0	0.56305				
				64.86980	25.23500	85.00000	0.0	0.0	0.42354				
				65.62410	25.23500	85.00000	0.0	0.0	0.28331				
				66.37840	25.23500	85.00000	0.0	0.0	0.14241				
				67.13270	25.23500	85.00000	0.0	0.0	907.16E-6				
				67.88700	25.23500	85.00000	0.0	0.0	0.0				
				68.64130	25.23500	85.00000	0.0	0.0	0.0				
				69.39560	25.23500	85.00000	0.0	0.0	0.0				
				70.14990	25.23500	85.00000	0.0	0.0	0.0				
				70.90420	25.23500	85.00000	0.0	0.0	0.0				
				71.65850	25.23500	85.00000	0.0	0.0	0.0				
				72.41280	25.23500	85.00000	0.0	0.0	0.0				
				73.16710	25.23500	85.00000	0.0	0.0	0.0				
				73.92140	25.23500	85.00000	0.0	0.0	0.0				
				74.67570	25.23500	85.00000	0.0	0.0	0.0				
				75.43000	25.23500	85.00000	0.0	0.0	0.0				
				0.00000	25.95600	85.00000	0.0	0.0	0.0				
				0.75430	25.95600	85.00000	0.0	0.0	0.0				
				1.50860	25.95600	85.00000	0.0	0.0	0.0				
				2.26290	25.95600	85.00000	0.0	0.0	0.0				
				3.01720	25.95600	85.00000	0.0	0.0	0.0				
				3.77150	25.95600	85.00000	0.0	0.0	0.0				
				4.52580	25.95600	85.00000	0.0	0.0	0.0				
				5.28010	25.95600	85.00000	0.0	0.0	0.0				
				6.03440	25.95600	85.00000	0.0	0.0	0.0				
				6.78870	25.95600	85.00000	0.0	0.0	0.0				
				7.54300	25.95600	85.00000	0.0	0.0	0.0				
				8.29730	25.95600	85.00000	0.0	0.0	0.0				
				9.05160	25.95600	85.00000	0.0	0.0	0.0				
				9.80590	25.95600	85.00000	0.0	0.0	0.056434				
				10.56020	25.95600	85.00000	0.0	0.0	0.20149				
				11.31450	25.95600	85.00000	0.0	0.0	0.34616				
				12.06880	25.95600	85.00000	0.0	0.0	0.49041				
				12.82310	25.95600	85.00000	0.0	0.0	0.63419				
				13.57740	25.95600	85.00000	0.0	0.0	0.77745				
				14.33170	25.95600	85.00000	0.0	0.0	0.92014				
				15.08600	25.95600	85.00000	0.051698	0.017180	1.0768				
				15.84030	25.95600	85.00000	0.22713	0.079326	1.2470				
				16.59460	25.95600	85.00000	0.49681	0.18443	1.4080				
				17.34890	25.95600	85.00000	0.75787	0.29759	1.5674				
				18.10320	25.95600	85.00000	1.0090	0.41996	1.7312				
				18.85750	25.95600	85.00000	1.2500	0.55288	1.9042				
				19.61180	25.95600	85.00000	1.4793	0.69790	2.0894				
				20.36610	25.95600	85.00000	1.6955	0.85680	2.2888				
				21.12040	25.95600	85.00000	1.8968	1.0316	2.5026				
				21.87470	25.95600	85.00000	2.0807	1.2246	2.7299				
				22.62900	25.95600	85.00000	2.2453	1.4391	2.9690				
				23.38330	25.95600	85.00000	2.4192	1.6986	3.2311				
				24.13760	25.95600	85.00000	2.5749	1.9915	3.5053				
				24.89190	25.95600	85.00000	2.7090	2.3225	3.7885				
				25.64620	25.95600	85.00000	2.8173	2.6565	4.0770				
				26.40050	25.95600	85.00000	2.8950	3.1184	4.3661				
				27.15480	25.95600	85.00000	2.9369	3.5928	4.6511				
				27.90910	25.95600	85.00000	2.9377	4.1232	4.9266				
				28.66340	25.95600	85.00000	2.8922	4.7107	5.1872				
				29.41770	25.95600	85.00000	3.1440	5.3312	5.6118				
				30.17200	25.95600	85.00000	3.5249	5.9770	6.1229				
				30.92630	25.95600	85.00000	3.5121	5.9553	6.1728				
				31.68060	25.95600	85.00000	3.3369	6.0111	6.2247				
				32.43490	25.95600	85.00000	2.6128	6.3082	6.3066				
				33.18920	25.95600	85.00000	1.7538	6.6275	6.3633				
				33.94350	25.95600	85.00000	0.84777	7.1386	6.5206				
				34.69780	25.95600	85.00000	0.27539	7.4699	6.6230				
				35.45210	25.95600	85.00000	0.27948	7.5808	6.6929				
				36.20640	25.95600	85.00000	0.28358	7.6921	6.7630				
				36.96070	25.95600	85.00000	0.28770	7.8039	6.8333				
				37.71500	25.95600	85.00000	0.29183	7.9160	6.9038				
				38.46930	25.95600	85.00000	0.29598	8.0285	6.9744				
				39.22360	25.9560								



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				40.73220	25.95600	85.00000	0.27855	7.5556	6.6806
				41.48650	25.95600	85.00000	0.27131	7.3594	6.5583
				42.24080	25.95600	85.00000	0.26405	7.1623	6.4355
				42.99510	25.95600	85.00000	0.25675	6.9644	6.3120
				43.74940	25.95600	85.00000	-0.43799	6.3758	6.1953
				44.50370	25.95600	85.00000	-1.1921	5.6986	6.0436
				45.25800	25.95600	85.00000	-1.8595	5.0279	5.8597
				46.01230	25.95600	85.00000	-2.4098	4.3965	5.6489
				46.76660	25.95600	85.00000	-2.9105	3.9561	5.5268
				47.52090	25.95600	85.00000	-3.2892	3.5808	5.3825
				48.27520	25.95600	85.00000	-3.5404	3.2379	5.1920
				49.02950	25.95600	85.00000	-3.6821	2.9257	4.9625
				49.78380	25.95600	85.00000	-3.7324	2.6412	4.7018
				50.53810	25.95600	85.00000	-3.7075	2.3811	4.4187
				51.29240	25.95600	85.00000	-3.6213	2.1420	4.1216
				52.04670	25.95600	85.00000	-3.4852	1.9209	3.8187
				52.80100	25.95600	85.00000	-3.3085	1.7154	3.5171
				53.55530	25.95600	85.00000	-3.1519	1.6320	3.2713
				54.30960	25.95600	85.00000	-2.9753	1.5406	3.0241
				55.06390	25.95600	85.00000	-2.7770	1.4379	2.7803
				55.81820	25.95600	85.00000	-2.5566	1.3238	2.5452
				56.57250	25.95600	85.00000	-2.1920	1.1350	2.2981
				57.32680	25.95600	85.00000	-1.8225	0.94369	2.0762
				58.08110	25.95600	85.00000	-1.4685	0.76036	1.8794
				58.83540	25.95600	85.00000	-1.1294	0.58479	1.7019
				59.58970	25.95600	85.00000	-0.81987	0.40990	1.5390
				60.34400	25.95600	85.00000	-0.51462	0.24610	1.3805
				61.09830	25.95600	85.00000	-0.22459	0.10303	1.2186
				61.85260	25.95600	85.00000	-0.023244	0.010232	1.0447
				62.60690	25.95600	85.00000	0.0	0.0	0.89703
				63.36120	25.95600	85.00000	0.0	0.0	0.75726
				64.11550	25.95600	85.00000	0.0	0.0	0.61672
				64.86980	25.95600	85.00000	0.0	0.0	0.47548
				65.62410	25.95600	85.00000	0.0	0.0	0.33362
				66.37840	25.95600	85.00000	0.0	0.0	0.19118
				67.13270	25.95600	85.00000	0.0	0.0	0.048222
				67.88700	25.95600	85.00000	0.0	0.0	0.0
				68.64130	25.95600	85.00000	0.0	0.0	0.0
				69.39560	25.95600	85.00000	0.0	0.0	0.0
				70.14990	25.95600	85.00000	0.0	0.0	0.0
				70.90420	25.95600	85.00000	0.0	0.0	0.0
				71.65850	25.95600	85.00000	0.0	0.0	0.0
				72.41280	25.95600	85.00000	0.0	0.0	0.0
				73.16710	25.95600	85.00000	0.0	0.0	0.0
				73.92140	25.95600	85.00000	0.0	0.0	0.0
				74.67570	25.95600	85.00000	0.0	0.0	0.0
				75.43000	25.95600	85.00000	0.0	0.0	0.0
				0.00000	26.67700	85.00000	0.0	0.0	0.0
				0.75430	26.67700	85.00000	0.0	0.0	0.0
				1.50860	26.67700	85.00000	0.0	0.0	0.0
				2.26290	26.67700	85.00000	0.0	0.0	0.0
				3.01720	26.67700	85.00000	0.0	0.0	0.0
				3.77150	26.67700	85.00000	0.0	0.0	0.0
				4.52580	26.67700	85.00000	0.0	0.0	0.0
				5.28010	26.67700	85.00000	0.0	0.0	0.0
				6.03440	26.67700	85.00000	0.0	0.0	0.0
				6.78870	26.67700	85.00000	0.0	0.0	0.0
				7.54300	26.67700	85.00000	0.0	0.0	0.0
				8.29730	26.67700	85.00000	0.0	0.0	0.0
				9.05160	26.67700	85.00000	0.0	0.0	0.0
				9.80590	26.67700	85.00000	0.0	0.0	0.09382
				10.56020	26.67700	85.00000	0.0	0.0	0.23961
				11.31450	26.67700	85.00000	0.0	0.0	0.38554
				12.06880	26.67700	85.00000	0.0	0.0	0.53111
				12.82310	26.67700	85.00000	0.0	0.0	0.67631
				13.57740	26.67700	85.00000	0.0	0.0	0.82109
				14.33170	26.67700	85.00000	0.0	0.0	0.96540
				15.08600	26.67700	85.00000	0.11286	0.032961	1.1351
				15.84030	26.67700	85.00000	0.33373	0.10292	1.3042
				16.59460	26.67700	85.00000	0.61531	0.20072	1.4667
				17.34890	26.67700	85.00000	0.89900	0.30629	1.6304
				18.10320	26.67700	85.00000	1.1542	0.42083	1.8013
				18.85750	26.67700	85.00000	1.4100	0.54569	1.9838
				19.61180	26.67700	85.00000	1.6553	0.68248	2.1810
				20.36610	26.67700	85.00000	1.8886	0.83305	2.3946
				21.12040	26.67700	85.00000	2.1081	0.99959	2.6246
				21.87470	26.67700	85.00000	2.3113	1.1846	2.8699
				22.62900	26.67700	85.00000	2.4953	1.3912	3.1280
				23.38330	26.67700	85.00000	2.6564	1.6228	3.3952
				24.13760	26.67700	85.00000	2.8123	1.8978	3.6787
				24.89190	26.67700	85.00000	2.9639	2.2248	3.9799
				25.64620	26.67700	85.00000	3.0892	2.5994	4.2865
				26.40050	26.67700	85.00000	3.1825	3.0287	4.5938
				27.15480	26.67700	85.00000	3.2373	3.5201	4.8967
				27.90910	26.67700	85.00000	3.2461	4.0804	5.1896
				28.66340	26.67700	85.00000	3.2037	4.7146	5.4673
				29.41770	26.67700	85.00000	3.1889	5.4073	5.7701
				30.17200	26.67700	85.00000	3.5813	6.0726	6.2881
				30.92630	26.67700	85.00000	3.8027	6.4480	6.5974
				31.68060	26.67700	85.00000	3.7806	6.4106	6.5974
				32.43490	26.67700	85.00000	3.1790	6.6316	6.6346
				33.18920	26.67700	85.00000	2.1487	6.9483	6.6407
				33.94350	26.67700	85.00000	1.0396	7.5332	6.7945
				34.69780	26.67700	85.00000	0.29295	7.9462	6.9113
				35.45210	26.67700	85.00000	0.29723	8.0625	6.9818
				36.20640	26.67700	85.00000	0.30153	8.1791	7.0525
				36.96070	26.67700	85.00000	0.30585	8.2962	7.1232
				37.71500	26.67700	85.00000	0.31018	8.4137	7.1940
				38.46930	26.67700	85.00000	0.31453	8.5315	7.2648
				39.22360	26.67700	85.00000	0.31170	8.4550	7.2150
				39.97790	26.67700	85.00000	0.30414	8.2498	7.0856
				40.73220	26.67700	85.00000	0.29655	8.0438	6.9557
				41.48650	26.67700	85.00000	0.28892	7.8370	6.8254
				42.24080	26.67700	85.00000	0.28126	7.6293	6.6946
				42.99510	26.67700	85.00000	0.27358	7.4208	6.5634
				43.74940	26.67700	85.00000	-0.55750	6.7144	6.4253
				44.50370	26.67700	85.00000	-1.4852	5.8864	6.2545
				45.25800	26.67700	85.00000	-2.2812	5.0899	6.0559
				46.01230	26.67700	85.00000	-2.9550	4.4454	5.9008
				46.76660	26.67700	85.00000	-3.5174	3.9941	5.8117
				47.52090	26.67700	85.00000	-3.9005	3.5901	5.6645
				48.27520	26.67700	85.00000	-4.1321	3.2305	5.4653
				49.02950	26.67700	85.00000	-4.2405	2.9097	5.2221
				49.78380	26.67700	85.00000	-4.2507	2.6220	4.9445
				50.53810	26.67700	85.00000	-4.1834	2.3619	4.6421
				51.29240	26.67700	85.00000	-4.0549	2.1249	4.3246
				52.04670	26.67700	85.00000	-3.9143	2.0268	4.0644
				52.80100	26.67700	85.00000	-3.7594	1.9466	3.8027
				53.55530	26.67700	85.00000	-3.5840	1.8558	3.5313
				54.30960	26.67700	85.00000	-3.3877	1.7541	3.2573
				55.06390	26.67700	85.00000	-3.0351	1.5715	2.9471
				55.81820	26.67700	85.00000	-2.6405	1.3672	2.6530
				56.57250	26.67700	85.00000	-2.2624	1.1715	2.3930
				57.32680	26.67700	85.00000	-1.9005	0.98408	2.1633
				58.08110	26.67700	85.00000	-1.5769	0.79142	1.9624
				58.83540	26.67700	85.00000	-1.2693	0.60618	1.7807
				59.58970	26.67700	85.00000	-0.95970	0.43703	1.6112
				60.34400	26.67700	85.00000	-0.64813	0.28203	1.4487
				61.09830	26.67700	85.00000	-0.33444	0.13946	1.2862
				61.85260	26.67700	85.00000	-0.10311	0.041252	1.1155



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				62.60690	26.67700	85.00000	0.0	0.0	0.94995
				63.36120	26.67700	85.00000	0.0	0.0	0.80833
				64.11550	26.67700	85.00000	0.0	0.0	0.66605
				64.86980	26.67700	85.00000	0.0	0.0	0.52318
				65.62410	26.67700	85.00000	0.0	0.0	0.37979
				66.37840	26.67700	85.00000	0.0	0.0	0.23591
				67.13270	26.67700	85.00000	0.0	0.0	0.091594
				67.88700	26.67700	85.00000	0.0	0.0	0.0
				68.64130	26.67700	85.00000	0.0	0.0	0.0
				69.39560	26.67700	85.00000	0.0	0.0	0.0
				70.14990	26.67700	85.00000	0.0	0.0	0.0
				70.90420	26.67700	85.00000	0.0	0.0	0.0
				71.65850	26.67700	85.00000	0.0	0.0	0.0
				72.41280	26.67700	85.00000	0.0	0.0	0.0
				73.16710	26.67700	85.00000	0.0	0.0	0.0
				73.92140	26.67700	85.00000	0.0	0.0	0.0
				74.67570	26.67700	85.00000	0.0	0.0	0.0
				75.43000	26.67700	85.00000	0.0	0.0	0.0
				0.00000	27.39800	85.00000	0.0	0.0	0.0
				0.75430	27.39800	85.00000	0.0	0.0	0.0
				1.50860	27.39800	85.00000	0.0	0.0	0.0
				2.26290	27.39800	85.00000	0.0	0.0	0.0
				3.01720	27.39800	85.00000	0.0	0.0	0.0
				3.77150	27.39800	85.00000	0.0	0.0	0.0
				4.52580	27.39800	85.00000	0.0	0.0	0.0
				5.28010	27.39800	85.00000	0.0	0.0	0.0
				6.03440	27.39800	85.00000	0.0	0.0	0.0
				6.78870	27.39800	85.00000	0.0	0.0	0.0
				7.54300	27.39800	85.00000	0.0	0.0	0.0
				8.29730	27.39800	85.00000	0.0	0.0	0.0
				9.05160	27.39800	85.00000	0.0	0.0	0.0
				9.80590	27.39800	85.00000	0.0	0.0	0.12617
				10.56020	27.39800	85.00000	0.0	0.0	0.27346
				11.31450	27.39800	85.00000	0.0	0.0	0.42051
				12.06880	27.39800	85.00000	0.0	0.0	0.56729
				12.82310	27.39800	85.00000	0.0	0.0	0.71378
				13.57740	27.39800	85.00000	0.0	0.0	0.85993
				14.33170	27.39800	85.00000	0.0	0.0	1.0057
				15.08600	27.39800	85.00000	0.17125	0.043386	1.1861
				15.84030	27.39800	85.00000	0.43548	0.11672	1.3549
				16.59460	27.39800	85.00000	0.72952	0.20616	1.5197
				17.34890	27.39800	85.00000	1.0167	0.30293	1.6882
				18.10320	27.39800	85.00000	1.2965	0.40819	1.8664
				18.85750	27.39800	85.00000	1.5683	0.52330	2.0586
				19.61180	27.39800	85.00000	1.8308	0.64985	2.2677
				20.36610	27.39800	85.00000	2.0828	0.78975	2.4954
				21.12040	27.39800	85.00000	2.3225	0.94523	2.7414
				21.87470	27.39800	85.00000	2.5475	1.1190	3.0044
				22.62900	27.39800	85.00000	2.7547	1.3143	3.2816
				23.38330	27.39800	85.00000	2.9404	1.5349	3.5689
				24.13760	27.39800	85.00000	3.0997	1.7856	3.8610
				24.89190	27.39800	85.00000	3.2285	2.0731	4.1528
				25.64620	27.39800	85.00000	3.3752	2.4399	4.4748
				26.40050	27.39800	85.00000	3.4893	2.8674	4.7973
				27.15480	27.39800	85.00000	3.5627	3.3661	5.1147
				27.90910	27.39800	85.00000	3.5859	3.9475	5.4217
				28.66340	27.39800	85.00000	3.5481	4.6225	5.7127
				29.41770	27.39800	85.00000	3.4388	5.3985	5.9827
				30.17200	27.39800	85.00000	3.6263	6.1490	6.4011
				30.92630	27.39800	85.00000	4.0481	6.8641	6.9332
				31.68060	27.39800	85.00000	4.0815	6.9208	6.9730
				32.43490	27.39800	85.00000	3.9179	6.8266	6.9270
				33.18920	27.39800	85.00000	2.7024	7.3025	6.9083
				33.94350	27.39800	85.00000	1.3033	7.9065	7.0002
				34.69780	27.39800	85.00000	0.31095	8.4345	7.1337
				35.45210	27.39800	85.00000	0.31543	8.5561	7.2029
				36.20640	27.39800	85.00000	0.31993	8.6782	7.2721
				36.96070	27.39800	85.00000	0.32445	8.8006	7.3412
				37.71500	27.39800	85.00000	0.32897	8.9234	7.4102
				38.46930	27.39800	85.00000	0.33352	9.0467	7.4792
				39.22360	27.39800	85.00000	0.33098	8.9778	7.4321
				39.97790	27.39800	85.00000	0.32302	8.7620	7.2966
				40.73220	27.39800	85.00000	0.31504	8.5454	7.1610
				41.48650	27.39800	85.00000	0.30702	8.3279	7.0251
				42.24080	27.39800	85.00000	0.29897	8.1096	6.8891
				42.99510	27.39800	85.00000	0.29089	7.8905	6.7530
				43.74940	27.39800	85.00000	-0.72830	7.0244	6.5915
				44.50370	27.39800	85.00000	-1.8915	5.9916	6.4011
				45.25800	27.39800	85.00000	-2.8431	5.0403	6.1911
				46.01230	27.39800	85.00000	-3.6819	4.4531	6.1611
				46.76660	27.39800	85.00000	-4.2648	3.9606	6.0787
				47.52090	27.39800	85.00000	-4.6252	3.5360	5.9299
				48.27520	27.39800	85.00000	-4.8114	3.1687	5.7222
				49.02950	27.39800	85.00000	-4.8646	2.8477	5.4658
				49.78380	27.39800	85.00000	-4.8171	2.5639	5.1714
				50.53810	27.39800	85.00000	-4.7031	2.4352	4.9222
				51.29240	27.39800	85.00000	-4.5669	2.3647	4.6780
				52.04670	27.39800	85.00000	-4.4114	2.2842	4.4078
				52.80100	27.39800	85.00000	-4.2362	2.1935	4.1190
				53.55530	27.39800	85.00000	-3.9077	2.0233	3.7640
				54.30960	27.39800	85.00000	-3.4849	1.8044	3.3919
				55.06390	27.39800	85.00000	-3.0800	1.5948	3.0558
				55.81820	27.39800	85.00000	-2.6924	1.3941	2.7551
				56.57250	27.39800	85.00000	-2.3464	1.1835	2.4923
				57.32680	27.39800	85.00000	-2.0338	0.97016	2.2596
				58.08110	27.39800	85.00000	-1.7197	0.77776	2.0482
				58.83540	27.39800	85.00000	-1.4046	0.60361	1.8558
				59.58970	27.39800	85.00000	-1.0882	0.44535	1.6784
				60.34400	27.39800	85.00000	-0.77058	0.30098	1.5108
				61.09830	27.39800	85.00000	-0.45147	0.16873	1.3466
				61.85260	27.39800	85.00000	-0.17560	0.062982	1.1775
				62.60690	27.39800	85.00000	0.0	0.0	0.99814
				63.36120	27.39800	85.00000	0.0	0.0	0.85478
				64.11550	27.39800	85.00000	0.0	0.0	0.71089
				64.86980	27.39800	85.00000	0.0	0.0	0.56651
				65.62410	27.39800	85.00000	0.0	0.0	0.42169
				66.37840	27.39800	85.00000	0.0	0.0	0.27648
				67.13270	27.39800	85.00000	0.0	0.0	0.13091
				67.88700	27.39800	85.00000	0.0	0.0	0.0
				68.64130	27.39800	85.00000	0.0	0.0	0.0
				69.39560	27.39800	85.00000	0.0	0.0	0.0
				70.14990	27.39800	85.00000	0.0	0.0	0.0
				70.90420	27.39800	85.00000	0.0	0.0	0.0
				71.65850	27.39800	85.00000	0.0	0.0	0.0
				72.41280	27.39800	85.00000	0.0	0.0	0.0
				73.16710	27.39800	85.00000	0.0	0.0	0.0
				73.92140	27.39800	85.00000	0.0	0.0	0.0
				74.67570	27.39800	85.00000	0.0	0.0	0.0
				75.43000	27.39800	85.00000	0.0	0.0	0.0
				0.00000	28.11900	85.00000	0.0	0.0	0.0
				0.75430	28.11900	85.00000	0.0	0.0	0.0
				1.50860	28.11900	85.00000	0.0	0.0	0.0
				2.26290	28.11900	85.00000	0.0	0.0	0.0
				3.01720	28.11900	85.00000	0.0	0.0	0.0
				3.77150	28.11900	85.00000	0.0	0.0	0.0
				4.52580	28.11900	85.00000	0.0	0.0	0.0
				5.28010	28.11900	85.00000	0.0	0.0	0.0
				6.03440	28.11900	85.00000	0.0	0.0	0.0
				6.78870	28.11900	85.00000	0.0	0.0	0.0
				7.54300	28.11900	85.00000	0.0	0.0	0.0

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD						Job No.	Sheet No.	Rev.	
						3500			
						Drg. Ref.			
						Made by PES	Date 01-Nov-2024	Checked	Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				8.29730	28.11900	85.00000	0.0	0.0	0.0
				9.05160	28.11900	85.00000	0.0	0.0	0.0063224
				9.80590	28.11900	85.00000	0.0	0.0	0.15471
				10.56020	28.11900	85.00000	0.0	0.0	0.30294
				11.31450	28.11900	85.00000	0.0	0.0	0.45099
				12.06880	28.11900	85.00000	0.0	0.0	0.59883
				12.82310	28.11900	85.00000	0.0	0.0	0.74646
				13.57740	28.11900	85.00000	0.0	0.0	0.89383
				14.33170	28.11900	85.00000	0.028433	0.0058983	1.0502
				15.08600	28.11900	85.00000	0.22610	0.048889	1.2300
				15.84030	28.11900	85.00000	0.53118	0.12150	1.3992
				16.59460	28.11900	85.00000	0.83813	0.20156	1.5668
				17.34890	28.11900	85.00000	1.1394	0.28934	1.7403
				18.10320	28.11900	85.00000	1.4346	0.38291	1.9256
				18.85750	28.11900	85.00000	1.7231	0.48658	2.1273
				19.61180	28.11900	85.00000	2.0040	0.60089	2.3480
				20.36610	28.11900	85.00000	2.2761	0.72769	2.5893
				21.12040	28.11900	85.00000	2.5378	0.86922	2.8507
				21.87470	28.11900	85.00000	2.7868	1.0282	3.1309
				22.62900	28.11900	85.00000	3.0203	1.2079	3.4266
				23.38330	28.11900	85.00000	3.2344	1.4125	3.7334
				24.13760	28.11900	85.00000	3.4243	1.6469	4.0457
				24.89190	28.11900	85.00000	3.5935	1.9176	4.3564
				25.64620	28.11900	85.00000	3.7039	2.2322	4.6576
				26.40050	28.11900	85.00000	3.8153	2.6263	4.9707
				27.15480	28.11900	85.00000	3.9148	3.1185	5.2987
				27.90910	28.11900	85.00000	3.9608	3.7065	5.6151
				28.66340	28.11900	85.00000	3.9386	4.4092	5.9146
				29.41770	28.11900	85.00000	3.8321	5.2446	6.1925
				30.17200	28.11900	85.00000	3.6606	6.2071	6.4595
				30.92630	28.11900	85.00000	4.0939	6.9418	6.9778
				31.68060	28.11900	85.00000	4.3950	7.4524	7.3102
				32.43490	28.11900	85.00000	4.3623	7.2147	7.2147
				33.18920	28.11900	85.00000	3.4824	7.6235	7.1246
				33.94350	28.11900	85.00000	1.6871	8.2365	7.1192
				34.69780	28.11900	85.00000	0.32942	8.9354	7.2730
				35.45210	28.11900	85.00000	0.33410	9.0625	7.3386
				36.20640	28.11900	85.00000	0.33880	9.1899	7.4039
				36.96070	28.11900	85.00000	0.34351	9.3177	7.4690
				37.71500	28.11900	85.00000	0.34824	9.4460	7.5338
				38.46930	28.11900	85.00000	0.35298	9.5746	7.5983
				39.22360	28.11900	85.00000	0.35077	9.5145	7.5547
				39.97790	28.11900	85.00000	0.34242	9.2881	7.4165
				40.73220	28.11900	85.00000	0.33404	9.0609	7.2784
				41.48650	28.11900	85.00000	0.32564	8.8329	7.1404
				42.24080	28.11900	85.00000	0.31720	8.6040	7.0026
				42.99510	28.11900	85.00000	0.30873	8.3743	6.8650
				43.74940	28.11900	85.00000	-0.98925	7.2753	6.6771
				44.50370	28.11900	85.00000	-2.4839	5.9536	6.4679
				45.25800	28.11900	85.00000	-3.7125	4.9876	6.3915
				46.01230	28.11900	85.00000	-4.6259	4.3542	6.3994
				46.76660	28.11900	85.00000	-5.1830	3.8349	6.3254
				47.52090	28.11900	85.00000	-5.4762	3.4058	6.1752
				48.27520	28.11900	85.00000	-5.5807	3.0451	5.9589
				49.02950	28.11900	85.00000	-5.5254	2.8610	5.7570
				49.78380	28.11900	85.00000	-5.4050	2.7987	5.5715
				50.53810	28.11900	85.00000	-5.2666	2.7270	5.3425
				51.29240	28.11900	85.00000	-5.1096	2.6457	5.0767
				52.04670	28.11900	85.00000	-4.8170	2.4942	4.7193
				52.80100	28.11900	85.00000	-4.3633	2.2592	4.2823
				53.55530	28.11900	85.00000	-3.9285	2.0341	3.8752
				54.30960	28.11900	85.00000	-3.5122	1.8185	3.5011
				55.06390	28.11900	85.00000	-3.1357	1.5919	3.1666
				55.81820	28.11900	85.00000	-2.8154	1.3412	2.8715
				56.57250	28.11900	85.00000	-2.4941	1.1185	2.6000
				57.32680	28.11900	85.00000	-2.1723	0.91968	2.3526
				58.08110	28.11900	85.00000	-1.8501	0.74141	2.1285
				58.83540	28.11900	85.00000	-1.5277	0.58088	1.9255
				59.58970	28.11900	85.00000	-1.2048	0.43570	1.7400
				60.34400	28.11900	85.00000	-0.88138	0.30381	1.5671
				61.09830	28.11900	85.00000	-0.55710	0.18349	1.4002
				61.85260	28.11900	85.00000	-0.24045	0.075983	1.2315
				62.60690	28.11900	85.00000	-0.031012	0.0093844	1.0516
				63.36120	28.11900	85.00000	0.0	0.0	0.89646
				64.11550	28.11900	85.00000	0.0	0.0	0.75109
				64.86980	28.11900	85.00000	0.0	0.0	0.60532
				65.62410	28.11900	85.00000	0.0	0.0	0.45921
				66.37840	28.11900	85.00000	0.0	0.0	0.31279
				67.13270	28.11900	85.00000	0.0	0.0	0.16608
				67.88700	28.11900	85.00000	0.0	0.0	0.019109
				68.64130	28.11900	85.00000	0.0	0.0	0.0
				69.39560	28.11900	85.00000	0.0	0.0	0.0
				70.14990	28.11900	85.00000	0.0	0.0	0.0
				70.90420	28.11900	85.00000	0.0	0.0	0.0
				71.65850	28.11900	85.00000	0.0	0.0	0.0
				72.41280	28.11900	85.00000	0.0	0.0	0.0
				73.16710	28.11900	85.00000	0.0	0.0	0.0
				73.92140	28.11900	85.00000	0.0	0.0	0.0
				74.67570	28.11900	85.00000	0.0	0.0	0.0
				75.43000	28.11900	85.00000	0.0	0.0	0.0
				0.00000	28.84000	85.00000	0.0	0.0	0.0
				0.75430	28.84000	85.00000	0.0	0.0	0.0
				1.50860	28.84000	85.00000	0.0	0.0	0.0
				2.26290	28.84000	85.00000	0.0	0.0	0.0
				3.01720	28.84000	85.00000	0.0	0.0	0.0
				3.77150	28.84000	85.00000	0.0	0.0	0.0
				4.52580	28.84000	85.00000	0.0	0.0	0.0
				5.28010	28.84000	85.00000	0.0	0.0	0.0
				6.03440	28.84000	85.00000	0.0	0.0	0.0
				6.78870	28.84000	85.00000	0.0	0.0	0.0
				7.54300	28.84000	85.00000	0.0	0.0	0.0
				8.29730	28.84000	85.00000	0.0	0.0	0.0
				9.05160	28.84000	85.00000	0.0	0.0	0.029786
				9.80590	28.84000	85.00000	0.0	0.0	

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked Date	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				30.17200	28.84000	85.00000	4.0760	5.9949	6.5973						
				30.92630	28.84000	85.00000	4.1292	7.0017	6.9586						
				31.68060	28.84000	85.00000	4.5925	7.7873	7.4405						
				32.43490	28.84000	85.00000	4.6870	7.9476	7.4527						
				33.18920	28.84000	85.00000	4.6389	7.8804	7.2866						
				33.94350	28.84000	85.00000	2.2926	8.4760	7.1313						
				34.69780	28.84000	85.00000	0.34838	9.4497	7.3107						
				35.45210	28.84000	85.00000	0.35326	9.5822	7.3698						
				36.20640	28.84000	85.00000	0.35816	9.7150	7.4284						
				36.96070	28.84000	85.00000	0.36307	9.8483	7.4865						
				37.71500	28.84000	85.00000	0.36800	9.9819	7.5442						
				38.46930	28.84000	85.00000	0.37294	10.116	7.6015						
				39.22360	28.84000	85.00000	0.37109	10.066	7.5617						
				39.97790	28.84000	85.00000	0.36236	9.8289	7.4248						
				40.73220	28.84000	85.00000	0.35359	9.5912	7.2883						
				41.48650	28.84000	85.00000	0.34479	9.3526	7.1524						
				42.24080	28.84000	85.00000	0.33597	9.1131	7.0170						
				42.99510	28.84000	85.00000	0.32711	8.8728	6.8822						
				43.74940	28.84000	85.00000	-1.4304	7.3958	6.6631						
				44.50370	28.84000	85.00000	-3.4186	5.6745	6.4553						
				45.25800	28.84000	85.00000	-4.9634	4.7811	6.5860						
				46.01230	28.84000	85.00000	-5.8510	4.1089	6.6174						
				46.76660	28.84000	85.00000	-6.2956	3.5955	6.5511						
				47.52090	28.84000	85.00000	-6.3887	3.3080	6.4484						
				48.27520	28.84000	85.00000	-6.2812	3.2523	6.3682						
				49.02950	28.84000	85.00000	-6.1568	3.1879	6.2285						
				49.78380	28.84000	85.00000	-6.0150	3.1145	6.0339						
				50.53810	28.84000	85.00000	-5.7706	2.9879	5.7363						
				51.29240	28.84000	85.00000	-5.2828	2.7354	5.2683						
				52.04670	28.84000	85.00000	-4.8152	2.4933	4.8148						
				52.80100	28.84000	85.00000	-4.3673	2.2613	4.3831						
				53.55530	28.84000	85.00000	-3.9520	2.0235	3.9828						
				54.30960	28.84000	85.00000	-3.6217	1.7224	3.6296						
				55.06390	28.84000	85.00000	-3.2904	1.4596	3.2958						
				55.81820	28.84000	85.00000	-2.9589	1.2288	2.9847						
				56.57250	28.84000	85.00000	-2.6277	1.0252	2.6984						
				57.32680	28.84000	85.00000	-2.2971	0.84456	2.4376						
				58.08110	28.84000	85.00000	-1.9672	0.68348	2.2018						
				58.83540	28.84000	85.00000	-1.6378	0.53914	1.9889						
				59.58970	28.84000	85.00000	-1.3088	0.40919	1.7957						
				60.34400	28.84000	85.00000	-0.97993	0.29163	1.6172						
				61.09830	28.84000	85.00000	-0.65080	0.18479	1.4473						
				61.85260	28.84000	85.00000	-0.32101	0.087255	1.2781						
				62.60690	28.84000	85.00000	-0.086158	0.022424	1.1005						
				63.36120	28.84000	85.00000	0.0	0.0	0.93321						
				64.11550	28.84000	85.00000	0.0	0.0	0.78650						
				64.86980	28.84000	85.00000	0.0	0.0	0.63950						
				65.62410	28.84000	85.00000	0.0	0.0	0.49223						
				66.37840	28.84000	85.00000	0.0	0.0	0.34472						
				67.13270	28.84000	85.00000	0.0	0.0	0.19699						
				67.88700	28.84000	85.00000	0.0	0.0	0.049066						
				68.64130	28.84000	85.00000	0.0	0.0	0.0						
				69.39560	28.84000	85.00000	0.0	0.0	0.0						
				70.14990	28.84000	85.00000	0.0	0.0	0.0						
				70.90420	28.84000	85.00000	0.0	0.0	0.0						
				71.65850	28.84000	85.00000	0.0	0.0	0.0						
				72.41280	28.84000	85.00000	0.0	0.0	0.0						
				73.16710	28.84000	85.00000	0.0	0.0	0.0						
				73.92140	28.84000	85.00000	0.0	0.0	0.0						
				74.67570	28.84000	85.00000	0.0	0.0	0.0						
				75.43000	28.84000	85.00000	0.0	0.0	0.0						
				0.00000	29.56100	85.00000	0.0	0.0	0.0						
				0.75430	29.56100	85.00000	0.0	0.0	0.0						
				1.50860	29.56100	85.00000	0.0	0.0	0.0						
				2.26290	29.56100	85.00000	0.0	0.0	0.0						
				3.01720	29.56100	85.00000	0.0	0.0	0.0						
				3.77150	29.56100	85.00000	0.0	0.0	0.0						
				4.52580	29.56100	85.00000	0.0	0.0	0.0						
				5.28010	29.56100	85.00000	0.0	0.0	0.0						
				6.03440	29.56100	85.00000	0.0	0.0	0.0						
				6.78870	29.56100	85.00000	0.0	0.0	0.0						
				7.54300	29.56100	85.00000	0.0	0.0	0.0						
				8.29730	29.56100	85.00000	0.0	0.0	0.0						
				9.05160	29.56100	85.00000	0.0	0.0	0.048987						
				9.80590	29.56100	85.00000	0.0	0.0	0.19875						
				10.56020	29.56100	85.00000	0.0	0.0	0.34845						
				11.31450	29.56100	85.00000	0.0	0.0	0.49806						
				12.06880	29.56100	85.00000	0.0	0.0	0.64758						
				12.82310	29.56100	85.00000	0.0	0.0	0.79700						
				13.57740	29.56100	85.00000	0.0	0.0	0.94631						
				14.33170	29.56100	85.00000	0.10877	0.01586	1.1194						
				15.08600	29.56100	85.00000	0.36252	0.053447	1.2976						
				15.84030	29.56100	85.00000	0.69919	0.10781	1.4686						
				16.59460	29.56100	85.00000	1.0327	0.16638	1.6419						
				17.34890	29.56100	85.00000	1.3630	0.22989	1.8247						
				18.10320	29.56100	85.00000	1.6902	0.29917	2.0233						
				18.85750	29.56100	85.00000	2.0141	0.37525	2.2418						
				19.61180	29.56100	85.00000	2.3341	0.45936	2.4832						
				20.36610	29.56100	85.00000	2.6497	0.55302	2.7487						
				21.12040	29.56100	85.00000	2.9597	0.65809	3.0378						
				21.87470	29.56100	85.00000	3.2626	0.77690	3.3488						
				22.62900	29.56100	85.00000	3.5562	0.91240	3.6781						
				23.38330	29.56100	85.00000	3.8376	1.0684	4.0208						
				24.13760	29.56100	85.00000	4.1027	1.2497	4.3706						
				24.89190	29.56100	85.00000	4.3456	1.4628	4.7195						
				25.64620	29.56100	85.00000	4.5584	1.7165	5.0583						
				26.40050	29.56100	85.00000	4.7299	2.0223	5.3768						
				27.15480	29.56100	85.00000	4.8442	2.3965	5.6633						
				27.90910	29.56100	85.00000	4.8786	2.8618	5.9060						
				28.66340	29.56100	85.00000	4.8798	3.5002	6.1580						
				29.41770	29.56100	85.00000	4.8289	4.3722	6.4288						
				30.17200	29.56100	85.00000	4.6289	5.5094	6.6729						
				30.92630	29.56100	85.00000	4.2294	6.9784	6.8945						
				31.68060	29.56100	85.00000	4.6295	7.8500	7.3156						
				32.43490	29.56100	85.00000	5.0249	8.5204	7.6086						
				33.18920	29.56100	85.00000	4.9826	8.4487	7.3921						
				33.94350	29.56100	85.00000	3.4388	8.7306	7.1293						
				34.69780	29.56100	85.00000	0.36785	9.9780	7.2267						
				35.45210	29.56100	85.00000	0.37294	10.116	7.2760						
				36.20640	29.56100	85.00000	0.37804	10.254	7.3246						
				36.96070	29.56100	85.00000	0.38315	10.393	7.3725						
				37.71500	29.56100	85.00000	0.38828	10.532	7.4197						
				38.46930	29.56100	85.00000	0.39342	10.671	7.4662						
				39.22360	29.56100	85.00000	0.39198	10.632	7.4301						
				39.97790	29.56100	85.00000	0.38286	10.385	7.2994						
				40.73220	29.56100	85.00000	0.37370	10.137	7.1696						
				41.48650	29.56100	85.00000	0.36452	9.8876	7.0408						
				42.24080	29.56100	85.00000	0.35530	9.6376	6.9130						
				42.99510	29.56100	85.00000	0.34606	9.3868	6.7863						
				43.74940	29.56100	85.00000	-2.3143	7.1765	6.5229						
				44.50370	29.56100	85.00000	-5.2077	5.2719	6.5907						
				45.25800	29.56100	85.00000	-6.7515	4.3072	6.7707						
				46.01230	29.56100	85.00000	-7.3003	3.7800	6.8449						
				46.76660	29.56100	85.00000	-7.2027	3.7295	6.9188						
				47.52090	29.56100	85.00000	-7.0895	3.6708	6.9213						
				48.27520	29.56100	85.00000	-6.9600	3.6038	6.8529						
				49.02950	29.56100	85.00000	-6.7756	3.5083	6.6903						
				49.78380	29.56100	85.00000	-6.2509	3.2366	6.2475						
				50.53810	29.56100	85.00000	-5.7476	2.9760	5.7934						
				51.29240	29.56100	85.00000	-5.2651	2.7262	5.3400						

 A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1 Job No. 3500 Sheet No. Rev.									
Drg. Ref.									
Made by PES		Date 01-Nov-2024		Checked		Date			
Stage: Ref.	Stage: Name	Disp. Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				52.04670	29.56100	85.00000	-4.8030	2.4869	4.8972
				52.80100	29.56100	85.00000	-4.4601	2.1162	4.5061
				53.55530	29.56100	85.00000	-4.1162	1.7991	4.1240
				54.30960	29.56100	85.00000	-3.7721	1.5266	3.7567
				55.06390	29.56100	85.00000	-3.4287	1.2908	3.4089
				55.81820	29.56100	85.00000	-3.0865	1.0853	3.0843
				56.57250	29.56100	85.00000	-2.7460	0.90525	2.7852
				57.32680	29.56100	85.00000	-2.4072	0.74641	2.5128
				58.08110	29.56100	85.00000	-2.0700	0.60553	2.2666
				58.83540	29.56100	85.00000	-1.7342	0.47990	2.0449
				59.58970	29.56100	85.00000	-1.3995	0.36728	1.8446
				60.34400	29.56100	85.00000	-1.0656	0.26581	1.6609
				61.09830	29.56100	85.00000	-0.73207	0.17395	1.4878
				61.85260	29.56100	85.00000	-0.39835	0.090376	1.3177
				62.60690	29.56100	85.00000	-0.13351	0.028963	1.1415
				63.36120	29.56100	85.00000	0.0	0.0	0.96489
				64.11550	29.56100	85.00000	0.0	0.0	0.81701
				64.86980	29.56100	85.00000	0.0	0.0	0.66892
				65.62410	29.56100	85.00000	0.0	0.0	0.52064
				66.37840	29.56100	85.00000	0.0	0.0	0.37218
				67.13270	29.56100	85.00000	0.0	0.0	0.22357
				67.88700	29.56100	85.00000	0.0	0.0	0.074810
				68.64130	29.56100	85.00000	0.0	0.0	0.0
				69.39560	29.56100	85.00000	0.0	0.0	0.0
				70.14990	29.56100	85.00000	0.0	0.0	0.0
				70.90420	29.56100	85.00000	0.0	0.0	0.0
				71.65850	29.56100	85.00000	0.0	0.0	0.0
				72.41280	29.56100	85.00000	0.0	0.0	0.0
				73.16710	29.56100	85.00000	0.0	0.0	0.0
				73.92140	29.56100	85.00000	0.0	0.0	0.0
				74.67570	29.56100	85.00000	0.0	0.0	0.0
				75.43000	29.56100	85.00000	0.0	0.0	0.0
				0.00000	30.28200	85.00000	0.0	0.0	0.0
				0.75430	30.28200	85.00000	0.0	0.0	0.0
				1.50860	30.28200	85.00000	0.0	0.0	0.0
				2.26290	30.28200	85.00000	0.0	0.0	0.0
				3.01720	30.28200	85.00000	0.0	0.0	0.0
				3.77150	30.28200	85.00000	0.0	0.0	0.0
				4.52580	30.28200	85.00000	0.0	0.0	0.0
				5.28010	30.28200	85.00000	0.0	0.0	0.0
				6.03440	30.28200	85.00000	0.0	0.0	0.0
				6.78870	30.28200	85.00000	0.0	0.0	0.0
				7.54300	30.28200	85.00000	0.0	0.0	0.0
				8.29730	30.28200	85.00000	0.0	0.0	0.0
				9.05160	30.28200	85.00000	0.0	0.0	0.064180
				9.80590	30.28200	85.00000	0.0	0.0	0.21429
				10.56020	30.28200	85.00000	0.0	0.0	0.36440
				11.31450	30.28200	85.00000	0.0	0.0	0.51451
				12.06880	30.28200	85.00000	0.0	0.0	0.66462
				12.82310	30.28200	85.00000	0.0	0.0	0.81468
				13.57740	30.28200	85.00000	0.0	0.0	0.96468
				14.33170	30.28200	85.00000	0.14028	0.015521	1.1433
				15.08600	30.28200	85.00000	0.41994	0.048157	1.3213
				15.84030	30.28200	85.00000	0.76871	0.091587	1.4935
				16.59460	30.28200	85.00000	1.1155	0.13826	1.6692
				17.34890	30.28200	85.00000	1.4604	0.18875	1.8559
				18.10320	30.28200	85.00000	1.8038	0.24372	2.0598
				18.85750	30.28200	85.00000	2.1457	0.30398	2.2853
				19.61180	30.28200	85.00000	2.4859	0.37051	2.5351
				20.36610	30.28200	85.00000	2.8240	0.44453	2.8105
				21.12040	30.28200	85.00000	3.1594	0.52754	3.1111
				21.87470	30.28200	85.00000	3.4912	0.62146	3.4349
				22.62900	30.28200	85.00000	3.8176	0.72872	3.7786
				23.38330	30.28200	85.00000	4.1367	0.85248	4.1369
				24.13760	30.28200	85.00000	4.4450	0.99693	4.5032
				24.89190	30.28200	85.00000	4.7380	1.1677	4.8695
				25.64620	30.28200	85.00000	5.0090	1.3726	5.2260
				26.40050	30.28200	85.00000	5.2483	1.6225	5.5616
				27.15480	30.28200	85.00000	5.4411	1.9334	5.8642
				27.90910	30.28200	85.00000	5.5654	2.3288	6.1200
				28.66340	30.28200	85.00000	5.5664	2.8450	6.3150
				29.41770	30.28200	85.00000	5.4602	3.5460	6.4440
				30.17200	30.28200	85.00000	5.3193	4.6617	6.6653
				30.92630	30.28200	85.00000	4.9209	6.2513	6.8631
				31.68060	30.28200	85.00000	4.6566	7.8960	7.1206
				32.43490	30.28200	85.00000	5.1623	8.7535	7.4505
				33.18920	30.28200	85.00000	5.3325	9.0421	7.3857
				33.94350	30.28200	85.00000	5.2825	8.9572	7.0899
				34.69780	30.28200	85.00000	0.38787	10.521	6.9995
				35.45210	30.28200	85.00000	0.39315	10.664	7.0353
				36.20640	30.28200	85.00000	0.39845	10.808	7.0701
				36.96070	30.28200	85.00000	0.40377	10.952	7.1040
				37.71500	30.28200	85.00000	0.40910	11.097	7.1368
				38.46930	30.28200	85.00000	0.41444	11.242	7.1687
				39.22360	30.28200	85.00000	0.41346	11.215	7.1353
				39.97790	30.28200	85.00000	0.40395	10.957	7.0167
				40.73220	30.28200	85.00000	0.39440	10.698	6.8995
				41.48650	30.28200	85.00000	0.38483	10.439	6.7839
				42.24080	30.28200	85.00000	0.37523	10.178	6.6698
				42.99510	30.28200	85.00000	0.36560	9.9168	6.5573
				43.74940	30.28200	85.00000	-4.9117	6.0133	6.3457
				44.50370	30.28200	85.00000	-8.2675	4.2808	6.7662
				45.25800	30.28200	85.00000	-8.1770	4.2339	7.0421
				46.01230	30.28200	85.00000	-8.0719	4.1795	7.2405
				46.76660	30.28200	85.00000	-7.9518	4.1173	7.3572
				47.52090	30.28200	85.00000	-7.8161	4.0471	7.3908
				48.27520	30.28200	85.00000	-7.7249	3.7669	7.0698
				49.02950	30.28200	85.00000	-6.7329	3.4862	6.6837
				49.78380	30.28200	85.00000	-6.2129	3.2170	6.2663
				50.53810	30.28200	85.00000	-5.7145	2.9589	5.8328
				51.29240	30.28200	85.00000	-5.3380	2.5244	5.4321
				52.04670	30.28200	85.00000	-4.9793	2.1307	5.0318
				52.80100	30.28200	85.00000	-4.6196	1.8023	4.6319
				53.55530	30.28200	85.00000	-4.2606	1.5255	4.2397
				54.30960	30.28200	85.00000	-3.9034	1.2900	3.8617
				55.06390	30.28200	85.00000	-3.5487	1.0880	3.5030
				55.81820	30.28200	85.00000	-3.1967	0.91325	3.1677
				56.57250	30.28200	85.00000	-2.8476	0.76101	2.8584
				57.32680	30.28200	85.00000	-2.5013	0.62750	2.5764
				58.08110	30.28200	85.00000	-2.1576	0.50967	2.3216
				58.83540	30.28200	85.00000	-1.8160	0.40509	2.0925
				59.58970	30.28200	85.00000	-1.4763	0.31175	1.8860
				60.34400	30.28200	85.00000	-1.1380	0.22800	1.6977
				61.09830	30.28200	85.00000	-0.80082	0.15253	1.5216
				61.85260	30.28200	85.00000	-0.46512	0.084363	1.3506
				62.60690	30.28200	85.00000	-0.17443	0.030155	1.1753
				63.36120	30.28200	85.00000	0.0	0.0	0.99136
				64.11550	30.28200	85.00000	0.0	0.0	0.84250
				64.86980	30.28200	85.00000	0.0	0.0	0.69349
				65.62410	30.28200	85.00000	0.0	0.0	0.54435
				66.37840	30.28200	85.00000	0.0	0.0	0.39509
				67.13270	30.28200	85.00000	0.0	0.0	0.24573
				67.88700	30.28200	85.00000	0.0	0.0	0.096273
				68.64130	30.28200	85.00000	0.0	0.0	0.0
				69.39560	30.28200	85.00000	0.0	0.0	0.0
				70.14990	30.28200	85.00000	0.0	0.0	0.0
				70.90420	30.28200	85.00000	0.0	0.0	0.0
				71.65850	30.28200	85.00000	0.0	0.0	0.0
				72.41280	30.28200				



Highgate Cemetery
B1

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				73.92140	30.28200	85.00000	0.0	0.0	0.0
				74.67570	30.28200	85.00000	0.0	0.0	0.0
				75.43000	30.28200	85.00000	0.0	0.0	0.0
				0.00000	31.00300	85.00000	0.0	0.0	0.0
				0.75430	31.00300	85.00000	0.0	0.0	0.0
				1.50860	31.00300	85.00000	0.0	0.0	0.0
				2.26290	31.00300	85.00000	0.0	0.0	0.0
				3.01720	31.00300	85.00000	0.0	0.0	0.0
				3.77150	31.00300	85.00000	0.0	0.0	0.0
				4.52580	31.00300	85.00000	0.0	0.0	0.0
				5.28010	31.00300	85.00000	0.0	0.0	0.0
				6.03440	31.00300	85.00000	0.0	0.0	0.0
				6.78870	31.00300	85.00000	0.0	0.0	0.0
				7.54300	31.00300	85.00000	0.0	0.0	0.0
				8.29730	31.00300	85.00000	0.0	0.0	0.0
				9.05160	31.00300	85.00000	0.0	0.078529	0.82909
				9.80590	31.00300	85.00000	0.0	0.0	0.22864
				10.56020	31.00300	85.00000	0.0	0.0	0.37875
				11.31450	31.00300	85.00000	0.0	0.0	0.52886
				12.06880	31.00300	85.00000	0.0	0.0	0.67897
				12.82310	31.00300	85.00000	0.0	0.0	0.82909
				13.57740	31.00300	85.00000	0.0	0.0	0.97920
				14.33170	31.00300	85.00000	0.16950	0.016950	1.1626
				15.08600	31.00300	85.00000	0.47250	0.047250	1.3406
				15.84030	31.00300	85.00000	0.83241	0.083241	1.5136
				16.59460	31.00300	85.00000	1.1909	0.11909	1.6911
				17.34890	31.00300	85.00000	1.5486	0.15486	1.8806
				18.10320	31.00300	85.00000	1.9064	0.19064	2.0883
				18.85750	31.00300	85.00000	2.2649	0.22649	2.3182
				19.61180	31.00300	85.00000	2.6249	0.27271	2.5746
				20.36610	31.00300	85.00000	2.9856	0.32551	2.8580
				21.12040	31.00300	85.00000	3.3465	0.38447	3.1681
				21.87470	31.00300	85.00000	3.7074	0.45094	3.5027
				22.62900	31.00300	85.00000	4.0675	0.52665	3.8585
				23.38330	31.00300	85.00000	4.4254	0.61385	4.2302
				24.13760	31.00300	85.00000	4.7792	0.71558	4.6112
				24.89190	31.00300	85.00000	5.1259	0.83598	4.9931
				25.64620	31.00300	85.00000	5.4609	0.98091	5.3661
				26.40050	31.00300	85.00000	5.7772	1.1588	5.7185
				27.15480	31.00300	85.00000	6.0639	1.3825	6.0375
				27.90910	31.00300	85.00000	6.3034	1.6718	6.3085
				28.66340	31.00300	85.00000	6.4660	2.0598	6.5155
				29.41770	31.00300	85.00000	6.4990	2.6042	6.6413
				30.17200	31.00300	85.00000	6.3023	3.4134	6.6679
				30.92630	31.00300	85.00000	5.8884	4.8377	6.7258
				31.68060	31.00300	85.00000	5.0483	7.3969	6.8796
				32.43490	31.00300	85.00000	5.1920	8.8039	7.1100
				33.18920	31.00300	85.00000	5.6962	9.6587	7.2410
				33.94350	31.00300	85.00000	5.6451	9.5722	6.8820
				34.69780	31.00300	85.00000	0.40845	11.079	6.6065
				35.45210	31.00300	85.00000	0.41394	11.228	6.6245
				36.20640	31.00300	85.00000	0.41944	11.377	6.6411
				36.96070	31.00300	85.00000	0.42496	11.527	6.6565
				37.71500	31.00300	85.00000	0.43049	11.677	6.6706
				38.46930	31.00300	85.00000	0.43604	11.827	6.6834
				39.22360	31.00300	85.00000	0.43554	11.814	6.6508
				39.97790	31.00300	85.00000	0.42565	11.546	6.5512
				40.73220	31.00300	85.00000	Point lies within an excavation.		
				41.48650	31.00300	85.00000	Point lies within an excavation.		
				42.24080	31.00300	85.00000	Point lies within an excavation.		
				42.99510	31.00300	85.00000	Point lies within an excavation.		
				43.74940	31.00300	85.00000	-9.2112	4.7694	6.5266
				44.50370	31.00300	85.00000	-9.1114	4.7177	6.9727
				45.25800	31.00300	85.00000	-8.9977	4.6589	7.3333
				46.01230	31.00300	85.00000	-8.8696	4.5926	7.6014
				46.76660	31.00300	85.00000	-8.3621	4.3298	7.5366
				47.52090	31.00300	85.00000	-7.7785	4.0276	7.3118
				48.27520	31.00300	85.00000	-7.2180	3.7374	7.0115
				49.02950	31.00300	85.00000	-6.6803	3.4590	6.6567
				49.78380	31.00300	85.00000	-6.2631	2.9464	6.2976
				50.53810	31.00300	85.00000	-5.8881	2.4376	5.9250
				51.29240	31.00300	85.00000	-5.5099	2.0320	5.5326
				52.04670	31.00300	85.00000	-5.1317	1.7032	5.1297
				52.80100	31.00300	85.00000	-4.7556	1.4326	4.7253
				53.55530	31.00300	85.00000	-4.3827	1.2071	4.3271
				54.30960	31.00300	85.00000	-4.0136	1.0170	3.9422
				55.06390	31.00300	85.00000	-3.6487	0.85514	3.5761
				55.81820	31.00300	85.00000	-3.2881	0.71609	3.2331
				56.57250	31.00300	85.00000	-2.9314	0.59569	2.9163
				57.32680	31.00300	85.00000	-2.5798	0.49091	2.6274
				58.08110	31.00300	85.00000	-2.2383	0.40025	2.3676
				58.83540	31.00300	85.00000	-1.8968	0.31976	2.1332
				59.58970	31.00300	85.00000	-1.5550	0.24786	1.9218
				60.34400	31.00300	85.00000	-1.2129	0.18325	1.7294
				61.09830	31.00300	85.00000	-0.87017	0.12487	1.5506
				61.85260	31.00300	85.00000	-0.52640	0.071823	1.3779
				62.60690	31.00300	85.00000	-0.21026	0.027238	1.2023
				63.36120	31.00300	85.00000	0.0	0.0	1.0125
				64.11550	31.00300	85.00000	0.0	0.0	0.86286
				64.86980	31.00300	85.00000	0.0	0.0	0.71311
				65.62410	31.00300	85.00000	0.0	0.0	0.56328
				66.37840	31.00300	85.00000	0.0	0.0	0.41338
				67.13270	31.00300	85.00000	0.0	0.0	0.26342
				67.88700	31.00300	85.00000	0.0	0.0	0.11340
				68.64130	31.00300	85.00000	0.0	0.0	0.0
				69.39560	31.00300	85.00000	0.0	0.0	0.0
				70.14990	31.00300	85.00000	0.0	0.0	0.0
				70.90420	31.00300	85.00000	0.0	0.0	0.0
				71.65850	31.00300	85.00000	0.0	0.0	0.0
				72.41280	31.00300	85.00000	0.0	0.0	0.0
				73.16710	31.00300	85.00000	0.0	0.0	0.0
				73.92140	31.00300	85.00000	0.0	0.0	0.0
				74.67570	31.00300	85.00000	0.0	0.0	0.0
				75.43000	31.00300	85.00000	0.0	0.0	0.0
				0.00000	31.72400	85.00000	0.0	0.0	0.0
				0.75430	31.72400	85.00000	0.0	0.0	0.0
				1.50860	31.72400	85.00000	0.0	0.0	0.0
				2.26290	31.72400	85.00000	0.0	0.0	0.0
				3.01720	31.72400	85.00000	0.0	0.0	0.0
				3.77150	31.72400	85.00000	0.0	0.0	0.0
				4.52580	31.72400	85.00000	0.0	0.0	0.0
				5.28010	31.72400	85.00000	0.0	0.0	0.0
				6.03440	31.72400	85.00000	0.0	0.0	0.0
				6.78870	31.72400	85.00000	0.0	0.0	0.0
				7.54300	31.72400	85.00000	0.0	0.0	0.0
				8.29730	31.72400	85.00000	0.0	0.0	0.0
				9.05160	31.72400	85.00000	0.0	0.0	0.092877
				9.80590	31.72400	85.00000	0.0	0.0	0.24299
				10.56020	31.72400	85.00000	0.0	0.0	0.39310
				11.31450	31.72400	85.00000	0.0	0.0	0.54321
				12.06880	31.72400	85.00000	0.0	0.0	0.69332
				12.82310	31.72400	85.00000	0.0	0.0	0.84343
				13.57740	31.72400	85.00000	0.0	0.0	0.99354
				14.33170	31.72400	85.00000	0.20190	0.020190	1.1820
				15.08600	31.72400	85.00000	0.52967	0.052967	1.3606
				15.84030	31.72400	85.00000	0.90195	0.090195	1.5349
				16.59460	31.72400	85.00000	1.2726	0.12726	1.7148
				17.34890	31.72400	85.00000	1.6428	0.16428	1.9081
				18.10320	31.72400	85.00000	2.0130	0.20130	2.1210
				18.85750	31.72400	85.00000	2.3841	0.23841	2.3579

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD				Job No.		Sheet No.		Rev.	
				3500					
				Drg. Ref.					
				Made by PES		Date 01-Nov-2024		Checked	Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				19.61180	31.72400	85.00000	2.7568	0.27568	2.6215
				20.36610	31.72400	85.00000	3.1318	0.31318	2.9127
				21.12040	31.72400	85.00000	3.5099	0.35099	3.2309
				21.87470	31.72400	85.00000	3.8918	0.38918	3.5739
				22.62900	31.72400	85.00000	4.2783	0.42783	3.9379
				23.38330	31.72400	85.00000	4.6701	0.46701	4.3179
				24.13760	31.72400	85.00000	5.0680	0.50680	4.7069
				24.89190	31.72400	85.00000	5.4727	0.54727	5.0970
				25.64620	31.72400	85.00000	5.8849	0.58849	5.4787
				26.40050	31.72400	85.00000	6.2975	0.64747	5.8430
				27.15480	31.72400	85.00000	6.6878	0.76419	6.1790
				27.90910	31.72400	85.00000	7.0610	0.91552	6.4675
				28.66340	31.72400	85.00000	7.4010	1.1206	6.6918
				29.41770	31.72400	85.00000	7.6769	1.4154	6.8332
				30.17200	31.72400	85.00000	7.8216	1.8770	6.8703
				30.92630	31.72400	85.00000	7.6643	2.7000	6.7776
				31.68060	31.72400	85.00000	6.6996	4.5474	6.5465
				32.43490	31.72400	85.00000	5.2124	8.8384	6.7007
				33.18920	31.72400	85.00000	5.7614	9.7694	6.7419
				33.94350	31.72400	85.00000	Point lies within an excavation.		
				34.69780	31.72400	85.00000	Point lies within an excavation.		
				35.45210	31.72400	85.00000	Point lies within an excavation.		
				36.20640	31.72400	85.00000	Point lies within an excavation.		
				36.96070	31.72400	85.00000	Point lies within an excavation.		
				37.71500	31.72400	85.00000	Point lies within an excavation.		
				38.46930	31.72400	85.00000	Point lies within an excavation.		
				39.22360	31.72400	85.00000	Point lies within an excavation.		
				39.97790	31.72400	85.00000	Point lies within an excavation.		
				40.73220	31.72400	85.00000	Point lies within an excavation.		
				41.48650	31.72400	85.00000	Point lies within an excavation.		
				42.24080	31.72400	85.00000	Point lies within an excavation.		
				42.99510	31.72400	85.00000	Point lies within an excavation.		
				43.74940	31.72400	85.00000	-10.105	5.2323	6.5331
				44.50370	31.72400	85.00000	-9.9817	5.1684	7.0996
				45.25800	31.72400	85.00000	-9.5199	4.9293	7.3994
				46.01230	31.72400	85.00000	-8.8917	4.6040	7.4558
				46.76660	31.72400	85.00000	-8.2879	4.2914	7.3787
				47.52090	31.72400	85.00000	-7.7080	3.9911	7.1961
				48.27520	31.72400	85.00000	-7.2434	3.3752	6.9514
				49.02950	31.72400	85.00000	-6.8521	2.6751	6.6678
				49.78380	31.72400	85.00000	-6.4523	2.1591	6.3395
				50.53810	31.72400	85.00000	-6.0507	1.7663	5.9766
				51.29240	31.72400	85.00000	-5.6510	1.4595	5.5896
				52.04670	31.72400	85.00000	-5.2553	1.2144	5.1889
				52.80100	31.72400	85.00000	-4.8647	1.0153	4.7843
				53.55530	31.72400	85.00000	-4.4822	0.85137	4.3855
				54.30960	31.72400	85.00000	-4.1225	0.71774	4.0062
				55.06390	31.72400	85.00000	-3.7628	0.60430	3.6406
				55.81820	31.72400	85.00000	-3.4039	0.50702	3.2946
				56.57250	31.72400	85.00000	-3.0463	0.42285	2.9724
				57.32680	31.72400	85.00000	-2.6902	0.34943	2.6768
				58.08110	31.72400	85.00000	-2.3355	0.28490	2.4087
				58.83540	31.72400	85.00000	-1.9822	0.22782	2.1675
				59.58970	31.72400	85.00000	-1.6300	0.17699	1.9506
				60.34400	31.72400	85.00000	-1.2784	0.13146	1.7542
				61.09830	31.72400	85.00000	-0.92716	0.090442	1.5726
				61.85260	31.72400	85.00000	-0.57567	0.053282	1.3984
				62.60690	31.72400	85.00000	-0.23886	0.020858	1.2225
				63.36120	31.72400	85.00000	-0.012522	0.0010439	1.0344
				64.11550	31.72400	85.00000	0.0	0.0	0.87803
				64.86980	31.72400	85.00000	0.0	0.0	0.72772
				65.62410	31.72400	85.00000	0.0	0.0	0.57737
				66.37840	31.72400	85.00000	0.0	0.0	0.42699
				67.13270	31.72400	85.00000	0.0	0.0	0.27657
				67.88700	31.72400	85.00000	0.0	0.0	0.12613
				68.64130	31.72400	85.00000	0.0	0.0	0.0
				69.39560	31.72400	85.00000	0.0	0.0	0.0
				70.14990	31.72400	85.00000	0.0	0.0	0.0
				70.90420	31.72400	85.00000	0.0	0.0	0.0
				71.65850	31.72400	85.00000	0.0	0.0	0.0
				72.41280	31.72400	85.00000	0.0	0.0	0.0
				73.16710	31.72400	85.00000	0.0	0.0	0.0
				73.92140	31.72400	85.00000	0.0	0.0	0.0
				74.67570	31.72400	85.00000	0.0	0.0	0.0
				75.43000	31.72400	85.00000	0.0	0.0	0.0
				0.00000	32.44500	85.00000	0.0	0.0	0.0
				0.75430	32.44500	85.00000	0.0	0.0	0.0
				1.50860	32.44500	85.00000	0.0	0.0	0.0
				2.26290	32.44500	85.00000	0.0	0.0	0.0
				3.01720	32.44500	85.00000	0.0	0.0	0.0
				3.77150	32.44500	85.00000	0.0	0.0	0.0
				4.52580	32.44500	85.00000	0.0	0.0	0.0
				5.28010	32.44500	85.00000	0.0	0.0	0.0
				6.03440	32.44500	85.00000	0.0	0.0	0.0
				6.78870	32.44500	85.00000	0.0	0.0	0.0
				7.54300	32.44500	85.00000	0.0	0.0	0.0
				8.29730	32.44500	85.00000	0.0	0.0	0.0
				9.05160	32.44500	85.00000	0.0	0.0	0.10723
				9.80590	32.44500	85.00000	0.0	0.0	0.25734
				10.56020	32.44500	85.00000	0.0	0.0	0.40745
				11.31450	32.44500	85.00000	0.0	0.0	0.55756
				12.06880	32.44500	85.00000	0.0	0.0	0.70767
				12.82310	32.44500	85.00000	0.0	0.0	0.85778
				13.57740	32.44500	85.00000	0.0	0.0	1.0079
				14.33170	32.44500	85.00000	0.23665	0.023665	1.2017
				15.08600	32.44500	85.00000	0.58920	0.058920	1.3808
				15.84030	32.44500	85.00000	0.97365	0.097365	1.5566
				16.59460	32.44500	85.00000	1.3568	0.13568	1.7390
				17.34890	32.44500	85.00000	1.7393	0.17393	1.9363
				18.10320	32.44500	85.00000	2.1221	0.21221	2.1548
				19.85750	32.44500	85.00000	2.5057	0.25057	2.3989
				19.61180	32.44500	85.00000	2.8910	0.28910	2.6713
				20.36610	32.44500	85.00000	3.2788	0.32788	2.9728
				21.12040	32.44500	85.00000	3.6696	0.36696	3.3028
				21.87470	32.44500	85.00000	4.0644	0.40644	3.6587
				22.62900	32.44500	85.00000	4.4638	0.44638	4.0364
				23.38330	32.44500	85.00000	4.8686	0.48686	4.4304
				24.13760	32.44500	85.00000	5.2795	0.52795	4.8334
				24.89190	32.44500	85.00000	5.6973	0.56973	5.2368
				25.64620	32.44500	85.00000	6.1227	0.61227	5.6304
				26.40050	32.44500	85.00000	6.5565	0.65565	6.0029
				27.15480	32.44500	85.			

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD				Job No.		Sheet No.		Rev.	
				3500					
				Drg. Ref.					
				Made by PES		Date 01-Nov-2024		Checked	Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				41.48650	32.44500	85.00000	Point lies within an excavation.		
				42.24080	32.44500	85.00000	Point lies within an excavation.		
				42.99510	32.44500	85.00000	Point lies within an excavation.		
				43.74940	32.44500	85.00000	Point lies within an excavation.		
				44.50370	32.44500	85.00000	-10.080	5.2192	6.8444
				45.25800	32.44500	85.00000	-9.4297	4.8826	7.1239
				46.01230	32.44500	85.00000	-8.8047	4.5589	7.2327
				46.76660	32.44500	85.00000	-8.2885	3.7739	7.2002
				47.52090	32.44500	85.00000	-7.8852	2.6944	7.0809
				48.27520	32.44500	85.00000	-7.4596	2.0229	6.8913
				49.02950	32.44500	85.00000	-7.0282	1.5705	6.6370
				49.78380	32.44500	85.00000	-6.6035	1.2487	6.3324
				50.53810	32.44500	85.00000	-6.2244	1.0173	6.0130
				51.29240	32.44500	85.00000	-5.8375	0.83883	5.6538
				52.04670	32.44500	85.00000	-5.4477	0.69751	5.2691
				52.80100	32.44500	85.00000	-5.0582	0.58329	4.8714
				53.55530	32.44500	85.00000	-4.6707	0.48939	4.4719
				54.30960	32.44500	85.00000	-4.2861	0.41109	4.0798
				55.06390	32.44500	85.00000	-3.9051	0.34499	3.7027
				55.81820	32.44500	85.00000	-3.5278	0.28860	3.3465
				56.57250	32.44500	85.00000	-3.1542	0.24005	3.0155
				57.32680	32.44500	85.00000	-2.7840	0.19791	2.7124
				58.08110	32.44500	85.00000	-2.4170	0.16105	2.4379
				58.83540	32.44500	85.00000	-2.0526	0.12858	2.1915
				59.58970	32.44500	85.00000	-1.6905	0.099818	1.9706
				60.34400	32.44500	85.00000	-1.3301	0.074174	1.7712
				61.09830	32.44500	85.00000	-0.97083	0.051185	1.5875
				61.85260	32.44500	85.00000	-0.61209	0.030464	1.4121
				62.60690	32.44500	85.00000	-0.25966	0.012021	1.2358
				63.36120	32.44500	85.00000	-0.028562	0.0012589	1.0480
				64.11550	32.44500	85.00000	0.0	0.0	0.88794
				64.86980	32.44500	85.00000	0.0	0.0	0.73726
				65.62410	32.44500	85.00000	0.0	0.0	0.58657
				66.37840	32.44500	85.00000	0.0	0.0	0.43587
				67.13270	32.44500	85.00000	0.0	0.0	0.28516
				67.88700	32.44500	85.00000	0.0	0.0	0.13444
				68.64130	32.44500	85.00000	0.0	0.0	0.0
				69.39560	32.44500	85.00000	0.0	0.0	0.0
				70.14990	32.44500	85.00000	0.0	0.0	0.0
				70.90420	32.44500	85.00000	0.0	0.0	0.0
				71.65850	32.44500	85.00000	0.0	0.0	0.0
				72.41280	32.44500	85.00000	0.0	0.0	0.0
				73.16710	32.44500	85.00000	0.0	0.0	0.0
				73.92140	32.44500	85.00000	0.0	0.0	0.0
				74.67570	32.44500	85.00000	0.0	0.0	0.0
				75.43000	32.44500	85.00000	0.0	0.0	0.0
				0.00000	33.16600	85.00000	0.0	0.0	0.0
				0.75430	33.16600	85.00000	0.0	0.0	0.0
				1.50860	33.16600	85.00000	0.0	0.0	0.0
				2.26290	33.16600	85.00000	0.0	0.0	0.0
				3.01720	33.16600	85.00000	0.0	0.0	0.0
				3.77150	33.16600	85.00000	0.0	0.0	0.0
				4.52580	33.16600	85.00000	0.0	0.0	0.0
				5.28010	33.16600	85.00000	0.0	0.0	0.0
				6.03440	33.16600	85.00000	0.0	0.0	0.0
				6.78870	33.16600	85.00000	0.0	0.0	0.0
				7.54300	33.16600	85.00000	0.0	0.0	0.0
				8.29730	33.16600	85.00000	0.0	0.0	0.0
				9.05160	33.16600	85.00000	0.0	0.0	0.12157
				9.80590	33.16600	85.00000	0.0	0.0	0.27169
				10.56020	33.16600	85.00000	0.0	0.0	0.42180
				11.31450	33.16600	85.00000	0.0	0.0	0.57191
				12.06880	33.16600	85.00000	0.0	0.0	0.72202
				12.82310	33.16600	85.00000	0.0	0.0	0.87213
				13.57740	33.16600	85.00000	0.0040474	404.74E-6	1.0270
				14.33170	33.16600	85.00000	0.27375	0.027375	1.2216
				15.08600	33.16600	85.00000	0.65109	0.065109	1.4013
				15.84030	33.16600	85.00000	1.0478	0.10478	1.5785
				16.59460	33.16600	85.00000	1.4433	0.14433	1.7637
				17.34890	33.16600	85.00000	1.8383	0.18383	1.9652
				18.10320	33.16600	85.00000	2.2335	0.22335	2.1896
				18.85750	33.16600	85.00000	2.6297	0.26297	2.4412
				19.61180	33.16600	85.00000	3.0277	0.30277	2.7227
				20.36610	33.16600	85.00000	3.4281	0.34281	3.0349
				21.12040	33.16600	85.00000	3.8318	0.38318	3.3769
				21.87470	33.16600	85.00000	4.2394	0.42394	3.7459
				22.62900	33.16600	85.00000	4.6517	0.46517	4.1374
				23.38330	33.16600	85.00000	5.0695	0.50695	4.5455
				24.13760	33.16600	85.00000	5.4935	0.54935	4.9625
				24.89190	33.16600	85.00000	5.9244	0.59244	5.3790
				25.64620	33.16600	85.00000	6.3630	0.63630	5.7844
				26.40050	33.16600	85.00000	6.8101	0.68101	6.1663
				27.15480	33.16600	85.00000	7.2663	0.72663	6.5112
				27.90910	33.16600	85.00000	7.7325	0.77325	6.8038
				28.66340	33.16600	85.00000	8.2093	0.82093	7.0278
				29.41770	33.16600	85.00000	8.6976	0.86976	7.1656
				30.17200	33.16600	85.00000	9.1980	0.91980	7.1980
				30.92630	33.16600	85.00000	9.7113	0.97113	7.1049
				31.68060	33.16600	85.00000	10.238	1.0238	6.8649
				32.43490	33.16600	85.00000	10.780	1.0780	6.4556
				33.18920	33.16600	85.00000	Point lies within an excavation.		
				33.94350	33.16600	85.00000	Point lies within an excavation.		
				34.69780	33.16600	85.00000	Point lies within an excavation.		
				35.45210	33.16600	85.00000	Point lies within an excavation.		
				36.20640	33.16600	85.00000	Point lies within an excavation.		
				36.96070	33.16600	85.00000	Point lies within an excavation.		
				37.71500	33.16600	85.00000	Point lies within an excavation.		
				38.46930	33.16600	85.00000	Point lies within an excavation.		
				39.22360	33.16600	85.00000	Point lies within an excavation.		
				39.97790	33.16600	85.00000	Point lies within an excavation.		
				40.73220	33.16600	85.00000	Point lies within an excavation.		
				41.48650	33.16600	85.00000	Point lies within an excavation.		
				42.24080	33.16600	85.00000	Point lies within an excavation.		
				42.99510	33.16600	85.00000	Point lies within an excavation.		
				43.74940	33.16600	85.00000	Point lies within an excavation.		
				44.50370	33.16600	85.00000	-9.9778	5.1664	6.5012
				45.25800	33.16600	85.00000	-9.4282	3.7343	6.7971
				46.01230	33.16600	85.00000	-9.0507	1.6634	6.9372
				46.7					

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.	Sheet No.	Rev.	
										3500			
										Drg. Ref.			
										Made by PES	Date 01-Nov-2024	Checked	Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz				
				[m]	[m]	[m]	[mm]	[mm]	[mm]				
				63.36120	33.16600	85.00000	-0.036537	217.68E-6	1.0544				
				64.11550	33.16600	85.00000	0.0	0.0	0.89254				
				64.86980	33.16600	85.00000	0.0	0.0	0.74170				
				65.62410	33.16600	85.00000	0.0	0.0	0.59085				
				66.37840	33.16600	85.00000	0.0	0.0	0.44000				
				67.13270	33.16600	85.00000	0.0	0.0	0.28915				
				67.88700	33.16600	85.00000	0.0	0.0	0.13830				
				68.64130	33.16600	85.00000	0.0	0.0	0.0				
				69.39560	33.16600	85.00000	0.0	0.0	0.0				
				70.14990	33.16600	85.00000	0.0	0.0	0.0				
				70.90420	33.16600	85.00000	0.0	0.0	0.0				
				71.65850	33.16600	85.00000	0.0	0.0	0.0				
				72.41280	33.16600	85.00000	0.0	0.0	0.0				
				73.16710	33.16600	85.00000	0.0	0.0	0.0				
				73.92140	33.16600	85.00000	0.0	0.0	0.0				
				74.67570	33.16600	85.00000	0.0	0.0	0.0				
				75.43000	33.16600	85.00000	0.0	0.0	0.0				
				0.00000	33.88700	85.00000	0.0	0.0	0.0				
				0.75430	33.88700	85.00000	0.0	0.0	0.0				
				1.50860	33.88700	85.00000	0.0	0.0	0.0				
				2.26290	33.88700	85.00000	0.0	0.0	0.0				
				3.01720	33.88700	85.00000	0.0	0.0	0.0				
				3.77150	33.88700	85.00000	0.0	0.0	0.0				
				4.52580	33.88700	85.00000	0.0	0.0	0.0				
				5.28010	33.88700	85.00000	0.0	0.0	0.0				
				6.03440	33.88700	85.00000	0.0	0.0	0.0				
				6.78870	33.88700	85.00000	0.0	0.0	0.0				
				7.54300	33.88700	85.00000	0.0	0.0	0.0				
				8.29730	33.88700	85.00000	0.0	0.0	0.0				
				9.05160	33.88700	85.00000	0.0	0.0	0.13592				
				9.80590	33.88700	85.00000	0.0	0.0	0.28603				
				10.56020	33.88700	85.00000	0.0	0.0	0.43614				
				11.31450	33.88700	85.00000	0.0	0.0	0.58626				
				12.06880	33.88700	85.00000	0.0	0.0	0.73637				
				12.82310	33.88700	85.00000	0.0	0.0	0.88648				
				13.57740	33.88700	85.00000	0.030720	0.0030720	1.0469				
				14.33170	33.88700	85.00000	0.30960	0.030960	1.2410				
				15.08600	33.88700	85.00000	0.71294	0.071294	1.4215				
				15.84030	33.88700	85.00000	1.1244	0.11244	1.6008				
				16.59460	33.88700	85.00000	1.5322	0.15322	1.7889				
				17.34890	33.88700	85.00000	1.9396	0.19396	1.9950				
				18.10320	33.88700	85.00000	2.3473	0.23473	2.2254				
				18.85750	33.88700	85.00000	2.7561	0.27561	2.4848				
				19.61180	33.88700	85.00000	3.1667	0.31667	2.7757				
				20.36610	33.88700	85.00000	3.5799	0.35799	3.0989				
				21.12040	33.88700	85.00000	3.9963	0.39963	3.4531				
				21.87470	33.88700	85.00000	4.4168	0.44168	3.8354				
				22.62900	33.88700	85.00000	4.8420	0.48420	4.2410				
				23.38330	33.88700	85.00000	5.2728	0.52728	4.6633				
				24.13760	33.88700	85.00000	5.7099	0.57099	5.0942				
				24.89190	33.88700	85.00000	6.1539	0.61539	5.5238				
				25.64620	33.88700	85.00000	6.6058	0.66058	5.9406				
				26.40050	33.88700	85.00000	7.0661	0.70661	6.3316				
				27.15480	33.88700	85.00000	7.5357	0.75357	6.6824				
				27.90910	33.88700	85.00000	8.0153	0.80153	6.9768				
				28.66340	33.88700	85.00000	8.5056	0.85056	7.1976				
				29.41770	33.88700	85.00000	9.0075	0.90075	7.3258				
				30.17200	33.88700	85.00000	9.5215	0.95215	7.3413				
				30.92630	33.88700	85.00000	10.049	1.0049	7.2227				
				31.68060	33.88700	85.00000	10.589	1.0589	6.9472				
				32.43490	33.88700	85.00000	11.145	1.1145	6.4911				
				33.18920	33.88700	85.00000	Point lies within an excavation.						
				33.94350	33.88700	85.00000	Point lies within an excavation.						
				34.69780	33.88700	85.00000	Point lies within an excavation.						
				35.45210	33.88700	85.00000	Point lies within an excavation.						
				36.20640	33.88700	85.00000	Point lies within an excavation.						
				36.96070	33.88700	85.00000	Point lies within an excavation.						
				37.71500	33.88700	85.00000	Point lies within an excavation.						
				38.46930	33.88700	85.00000	Point lies within an excavation.						
				39.22360	33.88700	85.00000	Point lies within an excavation.						
				39.97790	33.88700	85.00000	Point lies within an excavation.						
				40.73220	33.88700	85.00000	Point lies within an excavation.						
				41.48650	33.88700	85.00000	Point lies within an excavation.						
				42.24080	33.88700	85.00000	Point lies within an excavation.						
				42.99510	33.88700	85.00000	Point lies within an excavation.						
				43.74940	33.88700	85.00000	Point lies within an excavation.						
				44.50370	33.88700	85.00000	Point lies within an excavation.						
				45.25800	33.88700	85.00000	-10.614	-1.0521	6.8917				
				46.01230	33.88700	85.00000	-10.022	-0.99353	7.1604				
				46.76660	33.88700	85.00000	-9.4495	-0.93673	7.2662				
				47.52090	33.88700	85.00000	-8.8940	-0.88166	7.2351				
				48.27520	33.88700	85.00000	-8.3551	-0.82824	7.0913				
				49.02950	33.88700	85.00000	-7.8320	-0.77639	6.8570				
				49.78380	33.88700	85.00000	-7.3094	-0.64946	6.5525				
				50.53810	33.88700	85.00000	-6.8062	-0.53540	6.1975				
				51.29240	33.88700	85.00000	-6.3231	-0.44710	5.8075				
				52.04670	33.88700	85.00000	-5.8567	-0.37676	5.3962				
				52.80100	33.88700	85.00000	-5.4048	-0.31943	4.9757				
				53.55530	33.88700	85.00000	-4.9656	-0.27182	4.5566				
				54.30960	33.88700	85.00000	-4.5376	-0.23163	4.1478				
				55.06390	33.88700	85.00000	-4.1196	-0.19725	3.7567				
				55.81820	33.88700	85.00000	-3.7105	-0.16748	3.3889				
				56.57250	33.88700	85.00000	-3.3091	-0.14143	3.0484				
				57.32680	33.88700	85.00000	-2.9147	-0.11841	2.7377				
				58.08110	33.88700	85.00000	-2.5262	-0.097894	2.4573				
				58.83540	33.88700	85.00000	-2.1428	-0.079460	2.2063				
				59.58970	33.88700	85.00000	-1.7636	-0.062772	1.9821				
				60.34400	33.88700	85.00000	-1.3878	-0.047558	1.7804				
				61.09830	33.88700	85.00000	-1.0146	-0.033595	1.5951				
				61.85260	33.88700	85.00000	-0.64322	-0.020698	1.4187				
				62.60690	33.88700	85.00000	-0.27568	-0.0087932	1.2419				
				63.36120	33.88700	85.00000	-0.035978	-0.0011130	1.0535				
				64.11550	33.88700	85.00000	0.0	0.0	0.89183				
				64.86980	33.88700	85.00000	0.0	0.0	0.74101				
				65.62410	33.88700	85.00000	0.0	0.0	0.59019				
				66.37840	33.88700	85.00000	0.0	0.0	0.43936				
				67.13270	33.88700	85.00000	0.0	0.0	0.28853				
				67.88700	33.88700	85.00000	0.0	0.0	0.13770				
				68.64130	33.88700	85.00000	0.0	0.0	0.0				
				69.39560	33.88700	85.00000	0.0	0.0	0.0				
				70.14990	33.88700	85.00000	0.0	0.0	0.0				
				70.90420	33.88700	85.00000	0.0	0.0	0.0				
				71.65850	33.88700	85.00000	0.0	0.0	0.0				
				72.41280	33.88700	85.00000	0.0	0.0	0.0				
				73.16710	33.88700	85.00000	0.0	0.0	0.0				
				73.92140	33.88700	85.00000	0.0	0.0	0.0				
				74.67570	33.88700	85.00000	0.0	0.0	0.0				
				75.43000	33.88700	85.00000	0.0	0.0	0.0				
				0.00000	34.60800	85.00000	0.0	0.0	0.0				
				0.75430	34.60800	85.00000	0.0	0.0	0.0				
				1.50860	34.60800	85.00000	0.0	0.0	0.0				
				2.26290	34.60800	85.00000	0.0	0.0	0.0				
				3.01720	34.60800	85.00000	0.0	0.0	0.0				
				3.77150	34.60800	85.00000	0.0	0.0	0.0				
				4.52580	34.60800	85.00000	0.0	0.0	0.0				
				5.28010	34.60800	85.00000	0.0	0.0	0.0				
				6.03440	34.60800	85.00000	0.0	0.0	0.0				
				6.78870	34.60800	85.00000	0.0	0.0	0.0				
				7.54300	34.60800	85.00000	0.0	0.0	0.0				
				8.29730	34.60800	85.00000	0.0	0.0	159.50E-6				

Oasys Highgate Cemetery B1							A-SQUARED STUDIO			Job No.		Sheet No.		Rev.	
							ENGINEERS LTD			3500					
										Drg. Ref.					
							Made by PES		Date 01-Nov-2024		Checked		Date		
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				9.05160	34.60800	85.00000	0.0	0.0	0.15027						
				9.80590	34.60800	85.00000	0.0	0.0	0.30038						
				10.56020	34.60800	85.00000	0.0	0.0	0.45049						
				11.31450	34.60800	85.00000	0.0	0.0	0.60060						
				12.06880	34.60800	85.00000	0.0	0.0	0.75072						
				12.82310	34.60800	85.00000	0.0	0.0	0.90083						
				13.57740	34.60800	85.00000	0.055656	0.0055656	1.0660						
				14.33170	34.60800	85.00000	0.33045	0.033045	1.2569						
				15.08600	34.60800	85.00000	0.73480	0.073480	1.4361						
				15.84030	34.60800	85.00000	1.1415	0.11415	1.6154						
				16.59460	34.60800	85.00000	1.5514	0.15514	1.8051						
				17.34890	34.60800	85.00000	1.9651	0.19651	2.0138						
				18.10320	34.60800	85.00000	2.3835	0.23835	2.2484						
				18.85750	34.60800	85.00000	2.8072	0.28072	2.5137						
				19.61180	34.60800	85.00000	3.2370	0.32370	2.8129						
				20.36610	34.60800	85.00000	3.6737	0.36737	3.1473						
				21.12040	34.60800	85.00000	4.1180	0.41180	3.5162						
				21.87470	34.60800	85.00000	4.5706	0.45706	3.9173						
				22.62900	34.60800	85.00000	5.0323	0.50323	4.3460						
				23.38330	34.60800	85.00000	5.4786	0.54786	4.7837						
				24.13760	34.60800	85.00000	5.9287	0.59287	5.2285						
				24.89190	34.60800	85.00000	6.3859	0.63859	5.6710						
				25.64620	34.60800	85.00000	6.8510	0.68510	6.0990						
				26.40050	34.60800	85.00000	7.3246	0.73246	6.4987						
				27.15480	34.60800	85.00000	7.8076	0.78076	6.8549						
				27.90910	34.60800	85.00000	8.3006	0.83006	7.1504						
				28.66340	34.60800	85.00000	8.8044	0.88044	7.3669						
				29.41770	34.60800	85.00000	9.3198	0.93198	7.4844						
				30.17200	34.60800	85.00000	9.8475	0.98475	7.4817						
				30.92630	34.60800	85.00000	10.388	1.0388	7.3359						
				31.68060	34.60800	85.00000	10.943	1.0943	7.0232						
				32.43490	34.60800	85.00000	Point lies within an excavation.								
				33.18920	34.60800	85.00000	Point lies within an excavation.								
				33.94350	34.60800	85.00000	Point lies within an excavation.								
				34.69780	34.60800	85.00000	Point lies within an excavation.								
				35.45210	34.60800	85.00000	Point lies within an excavation.								
				36.20640	34.60800	85.00000	Point lies within an excavation.								
				36.96070	34.60800	85.00000	Point lies within an excavation.								
				37.71500	34.60800	85.00000	Point lies within an excavation.								
				38.46930	34.60800	85.00000	Point lies within an excavation.								
				39.22360	34.60800	85.00000	Point lies within an excavation.								
				39.97790	34.60800	85.00000	Point lies within an excavation.								
				40.73220	34.60800	85.00000	Point lies within an excavation.								
				41.48650	34.60800	85.00000	Point lies within an excavation.								
				42.24080	34.60800	85.00000	Point lies within an excavation.								
				42.99510	34.60800	85.00000	Point lies within an excavation.								
				43.74940	34.60800	85.00000	Point lies within an excavation.								
				44.50370	34.60800	85.00000	-11.379	-1.1280	6.5414						
				45.25800	34.60800	85.00000	-10.762	-1.0668	7.0024						
				46.01230	34.60800	85.00000	-10.164	-1.0076	7.2685						
				46.76660	34.60800	85.00000	-9.5844	-0.95011	7.3688						
				47.52090	34.60800	85.00000	-9.0220	-0.89435	7.3300						
				48.27520	34.60800	85.00000	-8.4761	-0.84024	7.1770						
				49.02950	34.60800	85.00000	-7.9460	-0.78769	6.9325						
				49.78380	34.60800	85.00000	-7.4311	-0.73664	6.6171						
				50.53810	34.60800	85.00000	-6.9304	-0.68702	6.2495						
				51.29240	34.60800	85.00000	-6.4434	-0.63874	5.8464						
				52.04670	34.60800	85.00000	-5.9692	-0.59173	5.4227						
				52.80100	34.60800	85.00000	-5.5071	-0.54592	4.9911						
				53.55530	34.60800	85.00000	-5.0564	-0.50124	4.5627						
				54.30960	34.60800	85.00000	-4.6163	-0.45761	4.1467						
				55.06390	34.60800	85.00000	-4.1860	-0.41496	3.7503						
				55.81820	34.60800	85.00000	-3.7649	-0.37321	3.3790						
				56.57250	34.60800	85.00000	-3.3522	-0.32958	3.0369						
				57.32680	34.60800	85.00000	-2.9482	-0.27439	2.7264						
				58.08110	34.60800	85.00000	-2.5512	-0.22550	2.4467						
				58.83540	34.60800	85.00000	-2.1601	-0.18187	2.1966						
				59.58970	34.60800	85.00000	-1.7741	-0.14266	1.9733						
				60.34400	34.60800	85.00000	-1.3920	-0.10719	1.7724						
				61.09830	34.60800	85.00000	-1.0132	-0.074890	1.5877						
				61.85260	34.60800	85.00000	-0.63654	-0.045301	1.4116						
				62.60690	34.60800	85.00000	-0.26988	-0.018607	1.2345						
				63.36120	34.60800	85.00000	-0.026451	-0.0017604	1.0454						
				64.11550	34.60800	85.00000	0.0	0.0	0.88580						
				64.86980	34.60800	85.00000	0.0	0.0	0.73521						
				65.62410	34.60800	85.00000	0.0	0.0	0.58459						
				66.37840	34.60800	85.00000	0.0	0.0	0.43396						
				67.13270	34.60800	85.00000	0.0	0.0	0.28331						
				67.88700	34.60800	85.00000	0.0	0.0	0.13265						
				68.64130	34.60800	85.00000	0.0	0.0	0.0						
				69.39560	34.60800	85.00000	0.0	0.0	0.0						
				70.14990	34.60800	85.00000	0.0	0.0	0.0						
				70.90420	34.60800	85.00000	0.0	0.0	0.0						
				71.65850	34.60800	85.00000	0.0	0.0	0.0						
				72.41280	34.60800	85.00000	0.0	0.0	0.0						
				73.16710	34.60800	85.00000	0.0	0.0	0.0						
				73.92140	34.60800	85.00000	0.0	0.0	0.0						
				74.67570	34.60800	85.00000	0.0	0.0	0.0						
				75.43000	34.60800	85.00000	0.0	0.0	0.0						
				0.00000	35.32900	85.00000	0.0	0.0	0.0						
				0.75430	35.32900	85.00000	0.0	0.0	0.0						
				1.50860	35.32900	85.00000	0.0	0.0	0.0						
				2.26290	35.32900	85.00000	0.0	0.0	0.0						
				3.01720	35.32900	85.00000	0.0	0.0	0.0						
				3.77150	35.32900	85.00000	0.0	0.0	0.0						
				4.52580	35.32900	85.00000	0.0	0.0	0.0						
				5.28010	35.32900	85.00000	0.0	0.0	0.0						
				6.03440	35.32900	85.00000	0.0	0.0	0.0						
				6.78870	35.32900	85.00000	0.0	0.0	0.0						
				7.54300	35.32900	85.00000	0.0	0.0	0.0						
				8.29730	35.32900	85.00000	0.0	0.0	0.014508						
				9.05160	35.32900	85.00000	0.0	0.0	0.16462						
				9.80590	35.32900	85.00000	0.0	0.0	0.31473						
				10.56020	35.32900	85.00000	0.0	0.0	0.46484						
				11.31450	35.32900	85.00000	0.0	0.0	0.61495						
				12.06880	35.32900	85.00000	0.0	0.0	0.76506						
				12.82310	35.32900	85.00000	0.0	0.0	0.91518						
				13.57740	35.32900	85.00000	0.079078	0.0079078	1.0845						
				14.33170	35.32900	85.00000	0.35861	0.035861	1.2726						
				15.08600	35.32900	85.00000	0.75514	0.075514	1.4504						
				15.84030	35.32900	85.00000	1.1541	0.11541	1.6294						
				16.59460	35.32900	85.00000	1.5563	0.15563	1.8195						
				17.34890	35.32900	85.00000	1.9625	0.19625	2.0287						
				18.10320	35.32900	85.00000	2.3733	0.23733	2.2634						
				18.85750	35.32900	85.00000	2.7896	0.27896	2.5284						
				19.61180	35.32900	85.00000	3.2120	0.32120	2.8266						
				20.36610	35.32900	85.00000	3.6414	0.36414	3.1590						
				21.12040	35.32900	85.00000	4.0785	0.40785	3.5249						
				21.87470	35.32900	85.00000	4.5239	0.45239	3.9217						
				22.62900	35.3290										

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.	Sheet No.	Rev.	
										3500			
										Drg. Ref.			
										Made by PES	Date 01-Nov-2024	Checked	Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz				
				[m]	[m]	[m]	[mm]	[mm]	[mm]				
				30.92630	35.32900	85.00000	10.731	1.0731	7.4444				
				31.68060	35.32900	85.00000	11.299	1.1299	7.0925				
				32.43490	35.32900	85.00000	Point lies within an excavation.						
				33.18920	35.32900	85.00000	Point lies within an excavation.						
				33.94350	35.32900	85.00000	Point lies within an excavation.						
				34.69780	35.32900	85.00000	Point lies within an excavation.						
				35.45210	35.32900	85.00000	Point lies within an excavation.						
				36.20640	35.32900	85.00000	Point lies within an excavation.						
				36.96070	35.32900	85.00000	Point lies within an excavation.						
				37.71500	35.32900	85.00000	Point lies within an excavation.						
				38.46930	35.32900	85.00000	Point lies within an excavation.						
				39.22360	35.32900	85.00000	Point lies within an excavation.						
				39.97790	35.32900	85.00000	Point lies within an excavation.						
				40.73220	35.32900	85.00000	Point lies within an excavation.						
				41.48650	35.32900	85.00000	Point lies within an excavation.						
				42.24080	35.32900	85.00000	Point lies within an excavation.						
				42.99510	35.32900	85.00000	Point lies within an excavation.						
				43.74940	35.32900	85.00000	Point lies within an excavation.						
				44.50370	35.32900	85.00000	-11.532	-1.1432	6.6537				
				45.25800	35.32900	85.00000	-10.909	-1.0814	7.1146				
				46.01230	35.32900	85.00000	-10.304	-1.0215	7.3772				
				46.76660	35.32900	85.00000	-9.7178	-0.96333	7.4713				
				47.52090	35.32900	85.00000	-9.1485	-0.90689	7.4243				
				48.27520	35.32900	85.00000	-8.5956	-0.85209	7.2617				
				49.02950	35.32900	85.00000	-8.0585	-0.79885	7.0065				
				49.78380	35.32900	85.00000	-7.5364	-0.74709	6.6800				
				50.53810	35.32900	85.00000	-7.0286	-0.69675	6.3012				
				51.29240	35.32900	85.00000	-6.5343	-0.64775	5.8873				
				52.04670	35.32900	85.00000	-6.0528	-0.60002	5.4533				
				52.80100	35.32900	85.00000	-5.5833	-0.55348	5.0122				
				53.55530	35.32900	85.00000	-5.1251	-0.50805	4.5754				
				54.30960	35.32900	85.00000	-4.6775	-0.46368	4.1521				
				55.06390	35.32900	85.00000	-4.2396	-0.42027	3.7496				
				55.81820	35.32900	85.00000	-3.8108	-0.37776	3.3735				
				56.57250	35.32900	85.00000	-3.3903	-0.33608	3.0276				
				57.32680	35.32900	85.00000	-2.9773	-0.29514	2.7139				
				58.08110	35.32900	85.00000	-2.5712	-0.25488	2.4324				
				58.83540	35.32900	85.00000	-2.1711	-0.21522	2.1818				
				59.58970	35.32900	85.00000	-1.7764	-0.17609	1.9587				
				60.34400	35.32900	85.00000	-1.3862	-0.13742	1.7584				
				61.09830	35.32900	85.00000	-0.99991	-0.099121	1.5742				
				61.85260	35.32900	85.00000	-0.61668	-0.061132	1.3981				
				62.60690	35.32900	85.00000	-0.25510	-0.025288	1.2204				
				63.36120	35.32900	85.00000	-0.0075812	-751.53E-6	1.0298				
				64.11550	35.32900	85.00000	0.0	0.0	0.87448				
				64.86980	35.32900	85.00000	0.0	0.0	0.72431				
				65.62410	35.32900	85.00000	0.0	0.0	0.57408				
				66.37840	35.32900	85.00000	0.0	0.0	0.42381				
				67.13270	35.32900	85.00000	0.0	0.0	0.27350				
				67.88700	35.32900	85.00000	0.0	0.0	0.12315				
				68.64130	35.32900	85.00000	0.0	0.0	0.0				
				69.39560	35.32900	85.00000	0.0	0.0	0.0				
				70.14990	35.32900	85.00000	0.0	0.0	0.0				
				70.90420	35.32900	85.00000	0.0	0.0	0.0				
				71.65850	35.32900	85.00000	0.0	0.0	0.0				
				72.41280	35.32900	85.00000	0.0	0.0	0.0				
				73.16710	35.32900	85.00000	0.0	0.0	0.0				
				73.92140	35.32900	85.00000	0.0	0.0	0.0				
				74.67570	35.32900	85.00000	0.0	0.0	0.0				
				75.43000	35.32900	85.00000	0.0	0.0	0.0				
				0.00000	36.05000	85.00000	0.0	0.0	0.0				
				0.75430	36.05000	85.00000	0.0	0.0	0.0				
				1.50860	36.05000	85.00000	0.0	0.0	0.0				
				2.26290	36.05000	85.00000	0.0	0.0	0.0				
				3.01720	36.05000	85.00000	0.0	0.0	0.0				
				3.77150	36.05000	85.00000	0.0	0.0	0.0				
				4.52580	36.05000	85.00000	0.0	0.0	0.0				
				5.28010	36.05000	85.00000	0.0	0.0	0.0				
				6.03440	36.05000	85.00000	0.0	0.0	0.0				
				6.78870	36.05000	85.00000	0.0	0.0	0.0				
				7.54300	36.05000	85.00000	0.0	0.0	0.0				
				8.29730	36.05000	85.00000	0.0	0.0	0.028856				
				9.05160	36.05000	85.00000	0.0	0.0	0.17897				
				9.80590	36.05000	85.00000	0.0	0.0	0.32908				
				10.56020	36.05000	85.00000	0.0	0.0	0.47919				
				11.31450	36.05000	85.00000	0.0	0.0	0.62930				
				12.06880	36.05000	85.00000	0.0	0.0	0.77941				
				12.82310	36.05000	85.00000	0.0	0.0	0.92952				
				13.57740	36.05000	85.00000	0.10099	0.010099	1.1026				
				14.33170	36.05000	85.00000	0.38524	0.038524	1.2881				
				15.08600	36.05000	85.00000	0.77398	0.077398	1.4647				
				15.84030	36.05000	85.00000	1.1652	0.11652	1.6435				
				16.59460	36.05000	85.00000	1.5598	0.15598	1.8337				
				17.34890	36.05000	85.00000	1.9583	0.19583	2.0433				
				18.10320	36.05000	85.00000	2.3617	0.23617	2.2782				
				18.85750	36.05000	85.00000	2.7705	0.27705	2.5428				
				19.61180	36.05000	85.00000	3.1856	0.31856	2.8397				
				20.36610	36.05000	85.00000	3.6077	0.36077	3.1700				
				21.12040	36.05000	85.00000	4.0375	0.40375	3.5325				
				21.87470	36.05000	85.00000	4.4758	0.44758	3.9248				
				22.62900	36.05000	85.00000	4.9233	0.49233	4.3421				
				23.38330	36.05000	85.00000	5.3808	0.53808	4.7782				
				24.13760	36.05000	85.00000	5.8491	0.58491	5.2247				
				24.89190	36.05000	85.00000	6.3288	0.63288	5.6714				
				25.64620	36.05000	85.00000	6.8207	0.68207	6.1061				
				26.40050	36.05000	85.00000	7.3255	0.73255	6.5147				
				27.15480	36.05000	85.00000	7.8441	0.78441	6.8809				
				27.90910	36.05000	85.00000	8.3771	0.83771	7.1867				
				28.66340	36.05000	85.00000	8.9253	0.89253	7.4116				
				29.41770	36.05000	85.00000	9.4895	0.94895	7.5335				
				30.17200	36.05000	85.00000	10.070	1.0070	7.5276				
				30.92630	36.05000	85.00000	10.669	1.0669	7.3676				
				31.68060	36.05000	85.00000	11.285	1.1285	7.0244				
				32.43490	36.05000	85.00000	Point lies within an excavation.						
				33.18920	36.05000	85.00000	Point lies within an excavation.						
				33.94350	36.05000	85.00000	Point lies within an excavation.						
				34.69780	36.05000	85.00000	Point lies within an excavation.						
				35.45210	36.05000	85.00000	Point lies within an excavation.						
				36.20640	36.05000	85.00000	Point lies within an excavation.						
				36.96070	36.05000	85.00000	Point lies within an excavation.						
				37.71500	36.05000	85.00000	Point lies within an excavation.						
				38.46930	36.05000	85.00000	Point lies within an excavation.						
				39.22360	36.05000	85.00000	Point lies within an excavation.						
				39.97790	36.05000	85.00000	Point lies within an excavation.						
				40.73220	36.05000	85.00000	Point lies within an excavation.						
				41.48650	36.05000	85.00000	Point lies within an excavation.						
				42.24080	36.05000	85.00000	Point lies within an excavation.						
				42.99510	36.05000	85.00000	Point lies within an excavation.						
				43.74940	36.05000	85.00000	Point lies within an excavation.						
				44.50370	36.05000	85.00000	-11.685	-1.1583	6.7684				
				45.25800	36.05000	85.00000	-11.059	-1.0959	7.2281				
				46.01230	36.05000	85.00000	-10.443	-1.0352	7.4864				
				46.76660	36.05000	85.00000	-9.8498	-0.97642	7.5736				
				47.52090	36.05000	85.00000	-9.2735	-0.91929	7.5179				
				48.27520	36.05000	85.00000	-8.7137	-0.86379	7.3451				
				49.02950	36.05000	85.00000	-8.1696	-0.80985	7.0790				
				49.78380	36.05000	85.00000	-7.6403	-0.75739	6.7412				
				50.53810	36.05000	85.00000	-7.1253	-0.70634	6.3512				
				51.29240	36.05000	85.00000	-6.6238	-0.65662	5.9263				
				52.04670	36.05000	85.00000	-6.1349	-0.60816	5.4820				



Highgate Cemetery
B1

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				52.80100	36.05000	85.00000	-5.6590	-0.56088	5.0316
				53.55530	36.05000	85.00000	-5.1923	-0.51472	4.5865
				54.30960	36.05000	85.00000	-4.7371	-0.46959	4.1560
				55.06390	36.05000	85.00000	-4.2916	-0.42543	3.7476
				55.81820	36.05000	85.00000	-3.8551	-0.38216	3.3670
				56.57250	36.05000	85.00000	-3.4269	-0.33971	3.0177
				57.32680	36.05000	85.00000	-3.0061	-0.29799	2.7017
				58.08110	36.05000	85.00000	-2.5920	-0.25695	2.4190
				58.83540	36.05000	85.00000	-2.1840	-0.21650	2.1679
				59.58970	36.05000	85.00000	-1.7812	-0.17657	1.9449
				60.34400	36.05000	85.00000	-1.3830	-0.13709	1.7448
				61.09830	36.05000	85.00000	-0.98846	-0.097986	1.5606
				61.85260	36.05000	85.00000	-0.59698	-0.059178	1.3840
				62.60690	36.05000	85.00000	-0.23953	-0.023745	1.2045
				63.36120	36.05000	85.00000	0.0	0.0	1.0104
				64.11550	36.05000	85.00000	0.0	0.0	0.86027
				64.86980	36.05000	85.00000	0.0	0.0	0.71014
				65.62410	36.05000	85.00000	0.0	0.0	0.56002
				66.37840	36.05000	85.00000	0.0	0.0	0.40989
				67.13270	36.05000	85.00000	0.0	0.0	0.25977
				67.88700	36.05000	85.00000	0.0	0.0	0.10965
				68.64130	36.05000	85.00000	0.0	0.0	0.0
				69.39560	36.05000	85.00000	0.0	0.0	0.0
				70.14990	36.05000	85.00000	0.0	0.0	0.0
				70.90420	36.05000	85.00000	0.0	0.0	0.0
				71.65850	36.05000	85.00000	0.0	0.0	0.0
				72.41280	36.05000	85.00000	0.0	0.0	0.0
				73.16710	36.05000	85.00000	0.0	0.0	0.0
				73.92140	36.05000	85.00000	0.0	0.0	0.0
				74.67570	36.05000	85.00000	0.0	0.0	0.0
				75.43000	36.05000	85.00000	0.0	0.0	0.0
				0.00000	36.77100	85.00000	0.0	0.0	0.0
				0.75430	36.77100	85.00000	0.0	0.0	0.0
				1.50860	36.77100	85.00000	0.0	0.0	0.0
				2.26290	36.77100	85.00000	0.0	0.0	0.0
				3.01720	36.77100	85.00000	0.0	0.0	0.0
				3.77150	36.77100	85.00000	0.0	0.0	0.0
				4.52580	36.77100	85.00000	0.0	0.0	0.0
				5.28010	36.77100	85.00000	0.0	0.0	0.0
				6.03440	36.77100	85.00000	0.0	0.0	0.0
				6.78870	36.77100	85.00000	0.0	0.0	0.0
				7.54300	36.77100	85.00000	0.0	0.0	0.0
				8.29730	36.77100	85.00000	0.0	0.0	0.042631
				9.05160	36.77100	85.00000	0.0	0.0	0.19294
				9.80590	36.77100	85.00000	0.0	0.0	0.34321
				10.56020	36.77100	85.00000	0.0	0.0	0.49344
				11.31450	36.77100	85.00000	0.0	0.0	0.64363
				12.06880	36.77100	85.00000	0.0	0.0	0.79376
				12.82310	36.77100	85.00000	0.0	0.0	0.94387
				13.57740	36.77100	85.00000	0.12138	0.012138	1.1202
				14.33170	36.77100	85.00000	0.41037	0.041037	1.3032
				15.08600	36.77100	85.00000	0.79131	0.079131	1.4788
				15.84030	36.77100	85.00000	1.1749	0.11749	1.6574
				16.59460	36.77100	85.00000	1.5618	0.15618	1.8479
				17.34890	36.77100	85.00000	1.9527	0.19527	2.0578
				18.10320	36.77100	85.00000	2.3485	0.23485	2.2927
				18.85750	36.77100	85.00000	2.7499	0.27499	2.5567
				19.61180	36.77100	85.00000	3.1577	0.31577	2.8522
				20.36610	36.77100	85.00000	3.5724	0.35724	3.1801
				21.12040	36.77100	85.00000	3.9950	0.39950	3.5391
				21.87470	36.77100	85.00000	4.4262	0.44262	3.9266
				22.62900	36.77100	85.00000	4.8666	0.48666	4.3381
				23.38330	36.77100	85.00000	5.3172	0.53172	4.7670
				24.13760	36.77100	85.00000	5.7784	0.57784	5.2052
				24.89190	36.77100	85.00000	6.2513	0.62513	5.6426
				25.64620	36.77100	85.00000	6.7364	0.67364	6.0673
				26.40050	36.77100	85.00000	7.2345	0.72345	6.4652
				27.15480	36.77100	85.00000	7.7465	0.77465	6.8204
				27.90910	36.77100	85.00000	8.2729	0.82729	7.1152
				28.66340	36.77100	85.00000	8.8146	0.88146	7.5297
				29.41770	36.77100	85.00000	9.3723	0.93723	7.9419
				30.17200	36.77100	85.00000	9.9467	0.99467	8.3577
				30.92630	36.77100	85.00000	10.539	1.0539	8.7763
				31.68060	36.77100	85.00000	11.149	1.1149	9.1942
				32.43490	36.77100	85.00000	Point lies within an excavation.		
				33.18920	36.77100	85.00000	Point lies within an excavation.		
				33.94350	36.77100	85.00000	Point lies within an excavation.		
				34.69780	36.77100	85.00000	Point lies within an excavation.		
				35.45210	36.77100	85.00000	Point lies within an excavation.		
				36.20640	36.77100	85.00000	Point lies within an excavation.		
				36.96070	36.77100	85.00000	Point lies within an excavation.		
				37.71500	36.77100	85.00000	Point lies within an excavation.		
				38.46930	36.77100	85.00000	Point lies within an excavation.		
				39.22360	36.77100	85.00000	Point lies within an excavation.		
				39.97790	36.77100	85.00000	Point lies within an excavation.		
				40.73220	36.77100	85.00000	Point lies within an excavation.		
				41.48650	36.77100	85.00000	Point lies within an excavation.		
				42.24080	36.77100	85.00000	Point lies within an excavation.		
				42.99510	36.77100	85.00000	Point lies within an excavation.		
				43.74940	36.77100	85.00000	Point lies within an excavation.		
				44.50370	36.77100	85.00000	-11.519	-1.1419	6.7899
				45.25800	36.77100	85.00000	-10.946	-1.0851	7.2407
				46.01230	36.77100	85.00000	-10.388	-1.0297	7.5022
				46.76660	36.77100	85.00000	-9.8424	-0.97568	7.6003
				47.52090	36.77100	85.00000	-9.3101	-0.92291	7.5594
				48.27520	36.77100	85.00000	-8.7898	-0.87194	7.4025
				49.02950	36.77100	85.00000	-8.2791	-0.82071	7.1501
				49.78380	36.77100	85.00000	-7.7428	-0.76754	6.8008
				50.53810	36.77100	85.00000	-7.2205	-0.71578	6.3993
				51.29240	36.77100	85.00000	-6.7117	-0.66533	5.9635
				52.04670	36.77100	85.00000	-6.2155	-0.61615	5.5090
				52.80100	36.77100	85.00000	-5.7312	-0.56814	5.0493
				53.55530	36.77100	85.00000	-5.2580	-0.52123	4.5960
				54.30960	36.77100	85.00000	-4.7953	-0.47536	4.1585
				55.06390	36.77100	85.00000	-4.3421	-0.43044	3.7445
				55.81820	36.77100	85.00000	-3.8979	-0.38640	3.3595
				56.57250	36.77100	85.00000	-3.4619	-0.34318	3.0070
				57.32680	36.77100	85.00000	-3.0333	-0.30069	2.6890
				58.08110	36.77100	85.00000	-2.6113	-0.25886	2.4052
				58.83540	36.77100	85.00000	-2.1953	-0.21762	2.1538
				59.58970	36.77100	85.00000	-1.7845	-0.17690	1.9309
				60.34400	36.77100	85.00000	-1.3781	-0.13661	1.7310
				61.09830	36.77100	85.00000	-0.97542	-0.096694	1.5469
				61.85260	36.77100	85.00000	-0.57568	-0.057067	1.3696
				62.60690	36.77100	85.00000	-0.22237	-0.022044	1.1893
				63.36120	36.77100	85.00000	0.0	0.0	0.99617
				64.11550	36.77100	85.00000	0.0	0.0	0.84604
				64.86980	36.77100	85.00000	0.0	0.0	0.69592
				65.62410	36.77100	85.00000	0.0	0.0	0.54579
				66.37840	36.77100	85.00000	0.0	0.0	0.39567
				67.13270	36.77100	85.00000	0.0	0.0	0.24554
				67.88700	36.77100	85.00000	0.0	0.0	0.095420
				68.64130	36.77100	85.00000	0.0	0.0	0.0
				69.39560	36.77100	85.00000	0.0	0.0	0.0
				70.14990	36.77100	85.00000	0.0	0.0	0.0
				70.90420	36.77100	85.00000	0.0	0.0	0.0
				71.65850	36.77100	85.00000	0.0	0.0	0.0
				72.41280	36.77100	85.00000	0.0	0.0	0.0
				73.16710	36.77100	85.00000	0.0	0.0	0.0
				73.92140	36.77100	85.00000	0.0	0.0	0.0

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				74.67570	36.77100	85.00000	0.0	0.0	0.0						
				75.43000	36.77100	85.00000	0.0	0.0	0.0						
				0.00000	37.49200	85.00000	0.0	0.0	0.0						
				0.75430	37.49200	85.00000	0.0	0.0	0.0						
				1.50860	37.49200	85.00000	0.0	0.0	0.0						
				2.26290	37.49200	85.00000	0.0	0.0	0.0						
				3.01720	37.49200	85.00000	0.0	0.0	0.0						
				3.77150	37.49200	85.00000	0.0	0.0	0.0						
				4.52580	37.49200	85.00000	0.0	0.0	0.0						
				5.28010	37.49200	85.00000	0.0	0.0	0.0						
				6.03440	37.49200	85.00000	0.0	0.0	0.0						
				6.78870	37.49200	85.00000	0.0	0.0	0.0						
				7.54300	37.49200	85.00000	0.0	0.0	0.0						
				8.29730	37.49200	85.00000	0.0	0.0	0.052574						
				9.05160	37.49200	85.00000	0.0	0.0	0.20321						
				9.80590	37.49200	85.00000	0.0	0.0	0.35383						
				10.56020	37.49200	85.00000	0.0	0.0	0.50443						
				11.31450	37.49200	85.00000	0.0	0.0	0.65501						
				12.06880	37.49200	85.00000	0.0	0.0	0.80557						
				12.82310	37.49200	85.00000	0.0	0.0	0.95611						
				13.57740	37.49200	85.00000	0.13927	0.010156	1.1357						
				14.33170	37.49200	85.00000	0.43430	0.032729	1.3175						
				15.08600	37.49200	85.00000	0.80889	0.063171	1.4927						
				15.84030	37.49200	85.00000	1.1854	0.096291	1.6715						
				16.59460	37.49200	85.00000	1.5646	0.13254	1.8626						
				17.34890	37.49200	85.00000	1.9476	0.17246	2.0728						
				18.10320	37.49200	85.00000	2.3351	0.21671	2.3076						
				18.85750	37.49200	85.00000	2.7282	0.26610	2.5704						
				19.61180	37.49200	85.00000	3.1283	0.31283	2.8641						
				20.36610	37.49200	85.00000	3.5358	0.35358	3.1893						
				21.12040	37.49200	85.00000	3.9511	0.39511	3.5447						
				21.87470	37.49200	85.00000	4.3752	0.43752	3.9273						
				22.62900	37.49200	85.00000	4.8085	0.48085	4.3326						
				23.38330	37.49200	85.00000	5.2520	0.52520	4.7542						
				24.13760	37.49200	85.00000	5.7064	0.57064	5.1841						
				24.89190	37.49200	85.00000	6.1724	0.61724	5.6121						
				25.64620	37.49200	85.00000	6.6507	0.66507	6.0267						
				26.40050	37.49200	85.00000	7.1421	0.71421	6.4139						
				27.15480	37.49200	85.00000	7.6474	0.76474	6.7584						
				27.90910	37.49200	85.00000	8.1673	0.81673	7.0425						
				28.66340	37.49200	85.00000	8.7024	0.87024	7.2468						
				29.41770	37.49200	85.00000	9.2537	0.92537	7.3497						
				30.17200	37.49200	85.00000	9.8218	0.98218	7.3279						
				30.92630	37.49200	85.00000	10.407	1.0407	7.1557						
				31.68060	37.49200	85.00000	11.011	1.1011	6.8056						
				32.43490	37.49200	85.00000	Point lies within an excavation.								
				33.18920	37.49200	85.00000	Point lies within an excavation.								
				33.94350	37.49200	85.00000	Point lies within an excavation.								
				34.69780	37.49200	85.00000	Point lies within an excavation.								
				35.45210	37.49200	85.00000	Point lies within an excavation.								
				36.20640	37.49200	85.00000	Point lies within an excavation.								
				36.96070	37.49200	85.00000	Point lies within an excavation.								
				37.71500	37.49200	85.00000	Point lies within an excavation.								
				38.46930	37.49200	85.00000	Point lies within an excavation.								
				39.22360	37.49200	85.00000	Point lies within an excavation.								
				39.97790	37.49200	85.00000	Point lies within an excavation.								
				40.73220	37.49200	85.00000	Point lies within an excavation.								
				41.48650	37.49200	85.00000	Point lies within an excavation.								
				42.24080	37.49200	85.00000	Point lies within an excavation.								
				42.99510	37.49200	85.00000	Point lies within an excavation.								
				43.74940	37.49200	85.00000	Point lies within an excavation.								
				44.50370	37.49200	85.00000	-11.160	-1.1063	6.7465						
				45.25800	37.49200	85.00000	-10.601	-1.0509	7.1525						
				46.01230	37.49200	85.00000	-10.056	-0.99683	7.3804						
				46.76660	37.49200	85.00000	-9.5241	-0.94413	7.4545						
				47.52090	37.49200	85.00000	-9.0052	-0.89269	7.3980						
				48.27520	37.49200	85.00000	-8.4984	-0.84245	7.2327						
				49.02950	37.49200	85.00000	-8.0028	-0.79332	6.9790						
				49.78380	37.49200	85.00000	-7.5177	-0.74523	6.6558						
				50.53810	37.49200	85.00000	-7.0424	-0.69812	6.2808						
				51.29240	37.49200	85.00000	-6.5762	-0.65190	5.8699						
				52.04670	37.49200	85.00000	-6.1182	-0.60650	5.4376						
				52.80100	37.49200	85.00000	-5.6678	-0.56185	4.9967						
				53.55530	37.49200	85.00000	-5.2242	-0.51788	4.5585						
				54.30960	37.49200	85.00000	-4.7867	-0.47451	4.1326						
				55.06390	37.49200	85.00000	-4.3544	-0.43166	3.7267						
				55.81820	37.49200	85.00000	-3.9268	-0.38926	3.3470						
				56.57250	37.49200	85.00000	-3.4954	-0.34650	2.9956						
				57.32680	37.49200	85.00000	-3.0589	-0.30323	2.6757						
				58.08110	37.49200	85.00000	-2.6291	-0.26062	2.3910						
				58.83540	37.49200	85.00000	-2.2051	-0.21859	2.1394						
				59.58970	37.49200	85.00000	-1.7862	-0.17707	1.9168						
				60.34400	37.49200	85.00000	-1.3717	-0.13598	1.7172						
				61.09830	37.49200	85.00000	-0.96080	-0.095244	1.5331						
				61.85260	37.49200	85.00000	-0.55279	-0.054798	1.3550						
				62.60690	37.49200	85.00000	-0.20362	-0.020184	1.1718						
				63.36120	37.49200	85.00000	0.0	0.0	0.98194						
				64.11550	37.49200	85.00000	0.0	0.0	0.83182						
				64.86980	37.49200	85.00000	0.0	0.0	0.68169						
				65.62410	37.49200	85.00000	0.0	0.0	0.53157						
				66.37840	37.49200	85.00000	0.0	0.0	0.38144						
				67.13270	37.49200	85.00000	0.0	0.0	0.23132						
				67.88700	37.49200	85.00000	0.0	0.0	0.081195						
				68.64130	37.49200	85.00000	0.0	0.0	0.0						
				69.39560	37.49200	85.00000	0.0	0.0	0.0						
				70.14990	37.49200	85.00000	0.0	0.0	0.0						
				70.90420	37.49200	85.00000	0.0	0.0	0.0						
				71.65850	37.49200	85.00000	0.0	0.0	0.0						
				72.41280	37.49200	85.00000	0.0	0.0	0.0						
				73.16710	37.49200	85.00000	0.0	0.0	0.0						
				73.92140	37.49200	85.00000	0.0	0.0	0.0						
				74.67570	37.49200	85.00000	0.0	0.0	0.0						
				75.43000	37.49200	85.00000	0.0	0.0	0.0						
				0.00000	38.21300	85.00000	0.0	0.0	0.0						
				0.75430	38.21300	85.00000	0.0	0.0	0.0						
				1.50860	38.21300	85.00000	0.0	0.0	0.0						
				2.26290	38.21300	85.00000	0.0	0.0	0.0						
				3.01720	38.21300	85.00000	0.0	0.0	0.0						
				3.77150	38.21300	85.00000	0.0	0.0	0.0						
				4.52580	38.21300	85.00000	0.0	0.0	0.0						
				5.28010	38.21300	85.00000	0.0	0.0	0.0						
				6.03440	38.21300	85.00000	0.0	0.0	0.0						
				6.78870	38.21300	85.00000	0.0	0.0	0.0						
				7.54300	38.21300	85.00000	0.0	0.0	0.0						
				8.29730	38.21300	85.00000	0.0	0.0	0.058151						
				9.05160	38.21300	85.00000	0.0	0.0	0.20897						
				9.80590	38.21300	85.00000	0.0	0.0	0.35978						
				10.56020	38.21300	85.00000	0.0	0.0	0.51059						
				11.31450	38.21300	85.00000	0.0	0.0	0.66140						
				12.06880	38.21300	85.00000	0.0	0.0	0.81220						
				12.82310	38.21300	85.00000	0.0	0.0	0.96300						
				13.57740	38.21300	85.00000	0.14822	0.0054979	1.1444						
				14.33170	38.21300	85.00000	0.44537	0.016826	1.3257						
				15.08600	38.21300	85.00000	0.81489	0.031544	1.5009						
				15.84030	38.21300	85.00000	1.1859	0.047445	1.6802						
				16.59460	38.21300	85.00000	1.5591	0.064732	1.8721						
				17.34890	38.21300	85.00000	1.9354	0.083647	2.0835						
				18.10320	38.21300	85.00000	2.3157	0.10449	2.3194						
				18.85750	38.21300	85.00000	2.7007	0.12761	2.5834						
				19.61180	38.21300	85.00000	3.0914	0.15347	2.8773						

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.
										3500				
										Drg. Ref.				
										Made by PES	Date 01-Nov-2024		Checked	Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz					
				[m]	[m]	[m]	[mm]	[mm]	[mm]					
				20.36610	38.21300	85.00000	3.4886	0.18263	3.2013					
				21.12040	38.21300	85.00000	3.8935	0.21581	3.5541					
				21.87470	38.21300	85.00000	4.3069	0.25394	3.9324					
				22.62900	38.21300	85.00000	4.7301	0.29825	4.3316					
				23.38330	38.21300	85.00000	5.1644	0.35041	4.7453					
				24.13760	38.21300	85.00000	5.6112	0.41269	5.1655					
				24.89190	38.21300	85.00000	6.0723	0.48835	5.5825					
				25.64620	38.21300	85.00000	6.5501	0.58216	5.9853					
				26.40050	38.21300	85.00000	7.0476	0.70143	6.3611					
				27.15480	38.21300	85.00000	7.5470	0.75470	6.6949					
				27.90910	38.21300	85.00000	8.0602	0.80602	6.9685					
				28.66340	38.21300	85.00000	8.5889	0.85889	7.1629					
				29.41770	38.21300	85.00000	9.1339	0.91338	7.2571					
				30.17200	38.21300	85.00000	9.6955	0.96955	7.2282					
				30.92630	38.21300	85.00000	10.275	1.0275	7.0510					
				31.68060	38.21300	85.00000	10.873	1.0873	6.6987					
				32.43490	38.21300	85.00000	Point lies within an excavation.							
				33.18920	38.21300	85.00000	Point lies within an excavation.							
				33.94350	38.21300	85.00000	Point lies within an excavation.							
				34.69780	38.21300	85.00000	Point lies within an excavation.							
				35.45210	38.21300	85.00000	Point lies within an excavation.							
				36.20640	38.21300	85.00000	Point lies within an excavation.							
				36.96070	38.21300	85.00000	Point lies within an excavation.							
				37.71500	38.21300	85.00000	Point lies within an excavation.							
				38.46930	38.21300	85.00000	Point lies within an excavation.							
				39.22360	38.21300	85.00000	Point lies within an excavation.							
				39.97790	38.21300	85.00000	Point lies within an excavation.							
				40.73220	38.21300	85.00000	Point lies within an excavation.							
				41.48650	38.21300	85.00000	Point lies within an excavation.							
				42.24080	38.21300	85.00000	Point lies within an excavation.							
				42.99510	38.21300	85.00000	Point lies within an excavation.							
				43.74940	38.21300	85.00000	Point lies within an excavation.							
				44.50370	38.21300	85.00000	-10.804	-1.0710	6.6955					
				45.25800	38.21300	85.00000	-10.258	-1.0169	7.0587					
				46.01230	38.21300	85.00000	-9.7263	-0.96417	7.2547					
				46.76660	38.21300	85.00000	-9.2082	-0.91281	7.3063					
				47.52090	38.21300	85.00000	-8.7028	-0.86271	7.2355					
				48.27520	38.21300	85.00000	-8.2093	-0.81379	7.0628					
				49.02950	38.21300	85.00000	-7.7271	-0.76599	6.8075					
				49.78380	38.21300	85.00000	-7.2552	-0.71922	6.4875					
				50.53810	38.21300	85.00000	-6.7931	-0.67341	6.1195					
				51.29240	38.21300	85.00000	-6.3400	-0.62849	5.7184					
				52.04670	38.21300	85.00000	-5.8951	-0.58438	5.2980					
				52.80100	38.21300	85.00000	-5.4577	-0.54102	4.8705					
				53.55530	38.21300	85.00000	-5.0270	-0.49833	4.4463					
				54.30960	38.21300	85.00000	-4.6023	-0.45622	4.0344					
				55.06390	38.21300	85.00000	-4.1828	-0.41464	3.6422					
				55.81820	38.21300	85.00000	-3.7678	-0.37350	3.2754					
				56.57250	38.21300	85.00000	-3.3566	-0.33274	2.9378					
				57.32680	38.21300	85.00000	-2.9483	-0.29227	2.6316					
				58.08110	38.21300	85.00000	-2.5424	-0.25203	2.3571					
				58.83540	38.21300	85.00000	-2.1379	-0.21193	2.1128					
				59.58970	38.21300	85.00000	-1.7343	-0.17192	1.8952					
				60.34400	38.21300	85.00000	-1.3306	-0.13190	1.6990					
				61.09830	38.21300	85.00000	-0.92623	-0.091818	1.5167					
				61.85260	38.21300	85.00000	-0.52040	-0.051587	1.3390					
				62.60690	38.21300	85.00000	-0.18153	-0.017996	1.1544					
				63.36120	38.21300	85.00000	0.0	0.0	0.96772					
				64.11550	38.21300	85.00000	0.0	0.0	0.81759					
				64.86980	38.21300	85.00000	0.0	0.0	0.66747					
				65.62410	38.21300	85.00000	0.0	0.0	0.51734					
				66.37840	38.21300	85.00000	0.0	0.0	0.36722					
				67.13270	38.21300	85.00000	0.0	0.0	0.21709					
				67.88700	38.21300	85.00000	0.0	0.0	0.066970					
				68.64130	38.21300	85.00000	0.0	0.0	0.0					
				69.39560	38.21300	85.00000	0.0	0.0	0.0					
				70.14990	38.21300	85.00000	0.0	0.0	0.0					
				70.90420	38.21300	85.00000	0.0	0.0	0.0					
				71.65850	38.21300	85.00000	0.0	0.0	0.0					
				72.41280	38.21300	85.00000	0.0	0.0	0.0					
				73.16710	38.21300	85.00000	0.0	0.0	0.0					
				73.92140	38.21300	85.00000	0.0	0.0	0.0					
				74.67570	38.21300	85.00000	0.0	0.0	0.0					
				75.43000	38.21300	85.00000	0.0	0.0	0.0					
				0.00000	38.93400	85.00000	0.0	0.0	0.0					
				0.75430	38.93400	85.00000	0.0	0.0	0.0					
				1.50860	38.93400	85.00000	0.0	0.0	0.0					
				2.26290	38.93400	85.00000	0.0	0.0	0.0					
				3.01720	38.93400	85.00000	0.0	0.0	0.0					
				3.77150	38.93400	85.00000	0.0	0.0	0.0					
				4.52580	38.93400	85.00000	0.0	0.0	0.0					
				5.28010	38.93400	85.00000	0.0	0.0	0.0					
				6.03440	38.93400	85.00000	0.0	0.0	0.0					
				6.78870	38.93400	85.00000	0.0	0.0	0.0					
				7.54300	38.93400	85.00000	0.0	0.0	0.0					
				8.29730	38.93400	85.00000	0.0	0.0	0.059347					
				9.05160	38.93400	85.00000	0.0	0.0	0.21020					
				9.80590	38.93400	85.00000	0.0	0.0	0.36106					
				10.56020	38.93400	85.00000	0.0	0.0	0.51191					
				11.31450	38.93400	85.00000	0.0	0.0	0.66277					
				12.06880	38.93400	85.00000	0.0	0.0	0.81363					
				12.82310	38.93400	85.00000	0.0	0.0	0.96448					
				13.57740	38.93400	85.00000	0.14803	-14.273E-6	1.1460					
				14.33170	38.93400	85.00000	0.44173	-520.80E-6	1.3269					
				15.08600	38.93400	85.00000	0.80546	-0.0017019	1.5019					
				15.84030	38.93400	85.00000	1.1701	-0.0032279	1.6811					
				16.59460	38.93400	85.00000	1.5364	-0.0051552	1.8727					
				17.34890	38.93400	85.00000	1.9050	-0.0075523	2.0836					
				18.10320	38.93400	85.00000	2.2767	-0.010503	2.3188					
				18.85750	38.93400	85.00000	2.6521	-0.014112	2.5816					
				19.61180	38.93400	85.00000	3.0320	-0.018508	2.8738					
				20.36610	38.93400	85.00000	3.4171	-0.023856	3.1954					
				21.12040	38.93400	85.00000	3.8079	-0.030366	3.5448					
				21.87470	38.93400	85.00000	4.2052	-0.038312	3.9189					
				22.62900	38.93400	85.00000	4.6096	-0.048056	4.3126					
				23.38330	38.93400	85.00000	5.0215	-0.060088	4.7193					
				24.13760	38.93400	85.00000	5.4416	-0.075089	5.1309					
				24.89190	38.93400	85.00000	5.8703	-0.094026	5.5374					
				25.64620	38.93400	85.00000	6.3076	-0.11833	5.9272					
				26.40050	38.93400	85.00000	6.7537	-0.15020	6.2870					
				27.15480	38.93400	85.00000	7.2080	-0.19320	6.6019					
				27.90910	38.93400	85.00000	7.6690	-0.25354						

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
Made by PES		Date 01-Nov-2024		Checked		Date									
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				42.24080	38.93400	85.00000	Point lies within an excavation.								
				42.99510	38.93400	85.00000	Point lies within an excavation.								
				43.74940	38.93400	85.00000	Point lies within an excavation.								
				44.50370	38.93400	85.00000	-10.449	-1.0358	6.6372						
				45.25800	38.93400	85.00000	-9.9173	-0.98310	6.9596						
				46.01230	38.93400	85.00000	-9.3993	-0.93176	7.1253						
				46.76660	38.93400	85.00000	-8.8947	-0.88174	7.1559						
				47.52090	38.93400	85.00000	-8.4028	-0.83297	7.0719						
				48.27520	38.93400	85.00000	-7.9227	-0.78538	6.8929						
				49.02950	38.93400	85.00000	-7.4538	-0.73890	6.6368						
				49.78380	38.93400	85.00000	-6.9952	-0.69344	6.3207						
				50.53810	38.93400	85.00000	-6.5463	-0.64894	5.9601						
				51.29240	38.93400	85.00000	-6.1063	-0.60532	5.5692						
				52.04670	38.93400	85.00000	-5.6744	-0.56250	5.1610						
				52.80100	38.93400	85.00000	-5.2499	-0.52043	4.7468						
				53.55530	38.93400	85.00000	-4.8321	-0.47901	4.3365						
				54.30960	38.93400	85.00000	-4.4202	-0.43818	3.9387						
				55.06390	38.93400	85.00000	-4.0135	-0.39786	3.5600						
				55.81820	38.93400	85.00000	-3.6112	-0.35798	3.2059						
				56.57250	38.93400	85.00000	-3.2126	-0.31846	2.8799						
				57.32680	38.93400	85.00000	-2.8169	-0.27924	2.5838						
				58.08110	38.93400	85.00000	-2.4234	-0.24023	2.3178						
				58.83540	38.93400	85.00000	-2.0313	-0.20137	2.0804						
				59.58970	38.93400	85.00000	-1.6400	-0.16257	1.8681						
				60.34400	38.93400	85.00000	-1.2486	-0.12377	1.6756						
				61.09830	38.93400	85.00000	-0.85642	-0.084897	1.4956						
				61.85260	38.93400	85.00000	-0.46270	-0.045868	1.3190						
				62.60690	38.93400	85.00000	-0.14836	-0.014707	1.1347						
				63.36120	38.93400	85.00000	0.0	0.0	0.95349						
				64.11550	38.93400	85.00000	0.0	0.0	0.80337						
				64.86980	38.93400	85.00000	0.0	0.0	0.65324						
				65.62410	38.93400	85.00000	0.0	0.0	0.50312						
				66.37840	38.93400	85.00000	0.0	0.0	0.35299						
				67.13270	38.93400	85.00000	0.0	0.0	0.20287						
				67.88700	38.93400	85.00000	0.0	0.0	0.052745						
				68.64130	38.93400	85.00000	0.0	0.0	0.0						
				69.39560	38.93400	85.00000	0.0	0.0	0.0						
				70.14990	38.93400	85.00000	0.0	0.0	0.0						
				70.90420	38.93400	85.00000	0.0	0.0	0.0						
				71.65850	38.93400	85.00000	0.0	0.0	0.0						
				72.41280	38.93400	85.00000	0.0	0.0	0.0						
				73.16710	38.93400	85.00000	0.0	0.0	0.0						
				73.92140	38.93400	85.00000	0.0	0.0	0.0						
				74.67570	38.93400	85.00000	0.0	0.0	0.0						
				75.43000	38.93400	85.00000	0.0	0.0	0.0						
				0.00000	39.65500	85.00000	0.0	0.0	0.0						
				0.75430	39.65500	85.00000	0.0	0.0	0.0						
				1.50860	39.65500	85.00000	0.0	0.0	0.0						
				2.26290	39.65500	85.00000	0.0	0.0	0.0						
				3.01720	39.65500	85.00000	0.0	0.0	0.0						
				3.77150	39.65500	85.00000	0.0	0.0	0.0						
				4.52580	39.65500	85.00000	0.0	0.0	0.0						
				5.28010	39.65500	85.00000	0.0	0.0	0.0						
				6.03440	39.65500	85.00000	0.0	0.0	0.0						
				6.78870	39.65500	85.00000	0.0	0.0	0.0						
				7.54300	39.65500	85.00000	0.0	0.0	0.0						
				8.29730	39.65500	85.00000	0.0	0.0	0.056157						
				9.05160	39.65500	85.00000	0.0	0.0	0.20691						
				9.80590	39.65500	85.00000	0.0	0.0	0.35765						
				10.56020	39.65500	85.00000	0.0	0.0	0.50839						
				11.31450	39.65500	85.00000	0.0	0.0	0.65912						
				12.06880	39.65500	85.00000	0.0	0.0	0.80983						
				12.82310	39.65500	85.00000	0.0	0.0	0.96054						
				13.57740	39.65500	85.00000	0.13915	-0.0053711	1.1406						
				14.33170	39.65500	85.00000	0.42402	-0.017565	1.3213						
				15.08600	39.65500	85.00000	0.78131	-0.034599	1.4958						
				15.84030	39.65500	85.00000	1.1389	-0.053497	1.6741						
				16.59460	39.65500	85.00000	1.4974	-0.074570	1.8644						
				17.34890	39.65500	85.00000	1.8573	-0.098197	2.0734						
				18.10320	39.65500	85.00000	2.2194	-0.12483	2.3060						
				18.85750	39.65500	85.00000	2.5840	-0.15505	2.5654						
				19.61180	39.65500	85.00000	2.9517	-0.18954	2.8533						
				20.36610	39.65500	85.00000	3.3229	-0.22918	3.1697						
				21.12040	39.65500	85.00000	3.6978	-0.27511	3.5128						
				21.87470	39.65500	85.00000	4.0767	-0.32877	3.8793						
				22.62900	39.65500	85.00000	4.4596	-0.39208	4.2642						
				23.38330	39.65500	85.00000	4.8462	-0.46763	4.6608						
				24.13760	39.65500	85.00000	5.2359	-0.55896	5.0607						
				24.89190	39.65500	85.00000	5.6276	-0.67110	5.4539						
				25.64620	39.65500	85.00000	6.0191	-0.81139	5.8288						
				26.40050	39.65500	85.00000	6.4069	-0.99102	6.1718						
				27.15480	39.65500	85.00000	6.7851	-1.2278	6.4680						
				27.90910	39.65500	85.00000	7.1671	-1.5569	6.7166						
				28.66340	39.65500	85.00000	7.5935	-2.0460	6.9357						
				29.41770	39.65500	85.00000	8.0075	-2.8038	7.0851						
				30.17200	39.65500	85.00000	8.3925	-4.1025	7.1635						
				30.92630	39.65500	85.00000	8.8917	-4.9026	7.1347						
				31.68060	39.65500	85.00000	9.4996	-5.2378	6.9483						
				32.43490	39.65500	85.00000	10.131	-5.5861	6.5835						
				33.18920	39.65500	85.00000	Point lies within an excavation.								
				33.94350	39.65500	85.00000	Point lies within an excavation.								
				34.69780	39.65500	85.00000	Point lies within an excavation.								
				35.45210	39.65500	85.00000	Point lies within an excavation.								
				36.20640	39.65500	85.00000	Point lies within an excavation.								
				36.96070	39.65500	85.00000	Point lies within an excavation.								
				37.71500	39.65500	85.00000	Point lies within an excavation.								
				38.46930	39.65500	85.00000	Point lies within an excavation.								
				39.22360	39.65500	85.00000	Point lies within an excavation.								
				39.97790	39.65500	85.00000	Point lies within an excavation.								
				40.73220	39.65500	85.00000	Point lies within an excavation.								
				41.48650	39.65500	85.00000	Point lies within an excavation.								
				42.24080	39.65500	85.00000	Point lies within an excavation.								
				42.99510	39.65500	85.00000	Point lies within an excavation.								
				43.74940	39.65500	85.00000	-6.4812	-8.7247	6.5538						
				44.50370	39.65500	85.00									

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.	Sheet No.	Rev.
										3500		
										Drg. Ref.		
										Made by PES	Date 01-Nov-2024	Checked
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz			
				[m]	[m]	[m]	[mm]	[mm]	[mm]			
				64.11550	39.65500	85.00000	0.0	0.0	0.78914			
				64.86980	39.65500	85.00000	0.0	0.0	0.63902			
				65.62410	39.65500	85.00000	0.0	0.0	0.48889			
				66.37840	39.65500	85.00000	0.0	0.0	0.33877			
				67.13270	39.65500	85.00000	0.0	0.0	0.18864			
				67.88700	39.65500	85.00000	0.0	0.0	0.038521			
				68.64130	39.65500	85.00000	0.0	0.0	0.0			
				69.39560	39.65500	85.00000	0.0	0.0	0.0			
				70.14990	39.65500	85.00000	0.0	0.0	0.0			
				70.90420	39.65500	85.00000	0.0	0.0	0.0			
				71.65850	39.65500	85.00000	0.0	0.0	0.0			
				72.41280	39.65500	85.00000	0.0	0.0	0.0			
				73.16710	39.65500	85.00000	0.0	0.0	0.0			
				73.92140	39.65500	85.00000	0.0	0.0	0.0			
				74.67570	39.65500	85.00000	0.0	0.0	0.0			
				75.43000	39.65500	85.00000	0.0	0.0	0.0			
				0.00000	40.37600	85.00000	0.0	0.0	0.0			
				0.75430	40.37600	85.00000	0.0	0.0	0.0			
				1.50860	40.37600	85.00000	0.0	0.0	0.0			
				2.26290	40.37600	85.00000	0.0	0.0	0.0			
				3.01720	40.37600	85.00000	0.0	0.0	0.0			
				3.77150	40.37600	85.00000	0.0	0.0	0.0			
				4.52580	40.37600	85.00000	0.0	0.0	0.0			
				5.28010	40.37600	85.00000	0.0	0.0	0.0			
				6.03440	40.37600	85.00000	0.0	0.0	0.0			
				6.78870	40.37600	85.00000	0.0	0.0	0.0			
				7.54300	40.37600	85.00000	0.0	0.0	0.0			
				8.29730	40.37600	85.00000	0.0	0.0	0.048591			
				9.05160	40.37600	85.00000	0.0	0.0	0.19909			
				9.80590	40.37600	85.00000	0.0	0.0	0.34957			
				10.56020	40.37600	85.00000	0.0	0.0	0.50003			
				11.31450	40.37600	85.00000	0.0	0.0	0.65045			
				12.06880	40.37600	85.00000	0.0	0.0	0.80084			
				12.82310	40.37600	85.00000	0.0	0.0	0.95119			
				13.57740	40.37600	85.00000	0.12209	-0.0095671	1.1282			
				14.33170	40.37600	85.00000	0.39295	-0.032566	1.3088			
				15.08600	40.37600	85.00000	0.74324	-0.065189	1.4826			
				15.84030	40.37600	85.00000	1.0931	-0.10114	1.6594			
				16.59460	40.37600	85.00000	1.4431	-0.14098	1.8474			
				17.34890	40.37600	85.00000	1.7936	-0.18536	2.0531			
				18.10320	40.37600	85.00000	2.1451	-0.23511	2.2813			
				18.85750	40.37600	85.00000	2.49879	-0.29121	2.5353			
				19.61180	40.37600	85.00000	2.8523	-0.35488	2.8166			
				20.36610	40.37600	85.00000	3.2083	-0.42767	3.1252			
				21.12040	40.37600	85.00000	3.5659	-0.51152	3.4592			
				21.87470	40.37600	85.00000	3.9249	-0.60894	3.8154			
				22.62900	40.37600	85.00000	4.2845	-0.72319	4.1886			
				23.38330	40.37600	85.00000	4.6438	-0.85866	4.5721			
				24.13760	40.37600	85.00000	5.0011	-1.0213	4.9578			
				24.89190	40.37600	85.00000	5.3891	-1.2266	5.3572			
				25.64620	40.37600	85.00000	5.7827	-1.4821	5.7486			
				26.40050	40.37600	85.00000	6.1792	-1.8062	6.1213			
				27.15480	40.37600	85.00000	6.5757	-2.2274	6.4646			
				27.90910	40.37600	85.00000	6.9672	-2.7915	6.7679			
				28.66340	40.37600	85.00000	7.3444	-3.5755	7.0222			
				29.41770	40.37600	85.00000	7.7841	-4.2919	7.2262			
				30.17200	40.37600	85.00000	8.3478	-4.6027	7.3523			
				30.92630	40.37600	85.00000	8.9340	-4.9259	7.3654			
				31.68060	40.37600	85.00000	9.5432	-5.2618	7.2380			
				32.43490	40.37600	85.00000	10.176	-5.6107	6.9395			
				33.18920	40.37600	85.00000	Point lies within an excavation.					
				33.94350	40.37600	85.00000	Point lies within an excavation.					
				34.69780	40.37600	85.00000	Point lies within an excavation.					
				35.45210	40.37600	85.00000	Point lies within an excavation.					
				36.20640	40.37600	85.00000	Point lies within an excavation.					
				36.96070	40.37600	85.00000	Point lies within an excavation.					
				37.71500	40.37600	85.00000	Point lies within an excavation.					
				38.46930	40.37600	85.00000	Point lies within an excavation.					
				39.22360	40.37600	85.00000	Point lies within an excavation.					
				39.97790	40.37600	85.00000	Point lies within an excavation.					
				40.73220	40.37600	85.00000	Point lies within an excavation.					
				41.48650	40.37600	85.00000	Point lies within an excavation.					
				42.24080	40.37600	85.00000	Point lies within an excavation.					
				42.99510	40.37600	85.00000	-6.8044	-9.1597	6.8353			
				43.74940	40.37600	85.00000	-6.3700	-8.5750	6.9631			
				44.50370	40.37600	85.00000	-5.9502	-8.0099	6.9877			
				45.25800	40.37600	85.00000	-6.2060	-6.1386	6.8971			
				46.01230	40.37600	85.00000	-6.6550	-4.0019	6.7785			
				46.76660	40.37600	85.00000	-6.9199	-2.9076	6.7932			
				47.52090	40.37600	85.00000	-6.9246	-2.2359	6.7252			
				48.27520	40.37600	85.00000	-6.7676	-1.7795	6.5615			
				49.02950	40.37600	85.00000	-6.5201	-1.4509	6.3209			
				49.78380	40.37600	85.00000	-6.2196	-1.2037	6.0210			
				50.53810	40.37600	85.00000	-5.8871	-1.0112	5.6779			
				51.29240	40.37600	85.00000	-5.5353	-0.85701	5.3060			
				52.04670	40.37600	85.00000	-5.1719	-0.73077	4.9181			
				52.80100	40.37600	85.00000	-4.8019	-0.62541	4.5255			
				53.55530	40.37600	85.00000	-4.4285	-0.53607	4.1376			
				54.30960	40.37600	85.00000	-4.0537	-0.45923	3.7625			
				55.06390	40.37600	85.00000	-3.6788	-0.39235	3.4063			
				55.81820	40.37600	85.00000	-3.3047	-0.33348	3.0738			
				56.57250	40.37600	85.00000	-2.9316	-0.29061	2.7691			
				57.32680	40.37600	85.00000	-2.5610	-0.25387	2.4924			
				58.08110	40.37600	85.00000	-2.1924	-0.21734	2.2427			
				58.83540	40.37600	85.00000	-1.8252	-0.18093	2.0183			
				59.58970	40.37600	85.00000	-1.4585	-0.14458	1.8157			
				60.34400	40.37600	85.00000	-1.0916	-0.10821	1.6300			
				61.09830	40.37600	85.00000	-0.72373	-0.071744	1.4541			
				61.85260	40.37600	85.00000	-0.35423	-0.035115	1.2795			
				62.60690	40.37600	85.00000	-0.088933	-0.0088160	1.0957			
				63.36120	40.37600	85.00000	0.0	0.0	0.92504			
				64.11550	40.37600	85.00000	0.0	0.0	0.77492			
				64.86980	40.37600	85.00000	0.0	0.0	0.62479			
				65.62410	40.37600	85.00000	0.0	0.0	0.47467			
				66.37840	40.37600	85.00000	0.0	0.0	0.32454			
				67.13270	40.37600	85.00000	0.0	0.0	0.17442			
				67.88700	40.37600	85.00000	0.0	0.0	0.024296			
				68.64130	40.37600	85.00000	0.0	0.0	0.0			
				69.39560	40.37600	85.00000	0.0	0.0	0.0			
				70.14990	40.37600	85.00000	0.0	0.0	0.0			
				70.90420	40.37600	85.00000	0.0	0.0	0.0			
				71.65850	40.37600	85.00000	0.0	0.0	0.0			
				72.41280	40.37600	85.00000	0.0	0.0	0.0			
				73.16710	40.37600	85.00000	0.0	0.0	0.0			
				73.92140	40.37600	85.00000	0.0	0.0	0.0			
				74.67570	40.37600	85.00000	0.0	0.0	0.0			
				75.43000	40.37600	85.00000	0.0	0.0	0.0			
				0.00000	41.09700	85.00000	0.0	0.0	0.0			
				0.75430	41.09700	85.00000	0.0	0.0	0.0			
				1.50860	41.09700	85.00000	0.0	0.0	0.0			
				2.26290	41.09700	85.00000	0.0	0.0	0.0			
				3.01720	41.09700	85.00000	0.0	0.0	0.0			
				3.77150	41.09700	85.00000	0.0	0.0	0.0			
				4.52580	41.09700	85.00000	0.0	0.0	0.0			
				5.28010	41.09700	85.00000	0.0	0.0	0.0			
				6.03440	41.09700	85.00000	0.0	0.0	0.0			
				6.78870	41.09700	85.00000	0.0	0.0	0.0			
				7.54300	41.09700	85.00000	0.0	0.0	0.0			
				8.29730	41.09700	85.00000	0.0	0.0	0.036670			
				9.05160	41.09700	85.00000	0.0	0.0	0.186678			



A-SQUARED STUDIO
ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				9.80590	41.09700	85.00000	0.0	0.0	0.33685
				10.56020	41.09700	85.00000	0.0	0.0	0.48686
				11.31450	41.09700	85.00000	0.0	0.0	0.63680
				12.06880	41.09700	85.00000	0.0	0.0	0.78668
				12.82310	41.09700	85.00000	0.0	0.0	0.93649
				13.57740	41.09700	85.00000	0.097363	-0.011618	1.1088
				14.33170	41.09700	85.00000	0.34926	-0.043826	1.2896
				15.08600	41.09700	85.00000	0.69212	-0.091567	1.4625
				15.84030	41.09700	85.00000	1.0338	-0.14401	1.6373
				16.59460	41.09700	85.00000	1.3747	-0.20192	1.8220
				17.34890	41.09700	85.00000	1.7152	-0.26624	2.0231
				18.10320	41.09700	85.00000	2.0555	-0.33807	2.2455
				18.85750	41.09700	85.00000	2.3957	-0.41878	2.4922
				19.61180	41.09700	85.00000	2.7360	-0.51006	2.7649
				20.36610	41.09700	85.00000	3.0760	-0.61398	3.0633
				21.12040	41.09700	85.00000	3.4255	-0.73524	3.3896
				21.87470	41.09700	85.00000	3.7841	-0.87725	3.7420
				22.62900	41.09700	85.00000	4.1469	-1.0436	4.1153
				23.38330	41.09700	85.00000	4.5136	-1.2401	4.5046
				24.13760	41.09700	85.00000	4.8838	-1.4750	4.9038
				24.89190	41.09700	85.00000	5.2565	-1.7591	5.3054
				25.64620	41.09700	85.00000	5.6301	-2.1076	5.7010
				26.40050	41.09700	85.00000	6.0021	-2.5421	6.0816
				27.15480	41.09700	85.00000	6.3680	-3.0941	6.4377
				27.90910	41.09700	85.00000	6.7492	-3.7213	6.7671
				28.66340	41.09700	85.00000	7.2714	-4.0092	7.0894
				29.41770	41.09700	85.00000	7.8150	-4.3090	7.3382
				30.17200	41.09700	85.00000	8.3805	-4.6208	7.5104
				30.92630	41.09700	85.00000	8.9684	-4.9449	7.5762
				31.68060	41.09700	85.00000	9.5137	-5.1353	7.3728
				32.43490	41.09700	85.00000	9.4740	-5.2237	6.9659
				33.18920	41.09700	85.00000	9.6243	-5.3065	6.4611
				33.94350	41.09700	85.00000	Point lies within an excavation.		
				34.69780	41.09700	85.00000	Point lies within an excavation.		
				35.45210	41.09700	85.00000	Point lies within an excavation.		
				36.20640	41.09700	85.00000	Point lies within an excavation.		
				36.96070	41.09700	85.00000	Point lies within an excavation.		
				37.71500	41.09700	85.00000	Point lies within an excavation.		
				38.46930	41.09700	85.00000	Point lies within an excavation.		
				39.22360	41.09700	85.00000	Point lies within an excavation.		
				39.97790	41.09700	85.00000	Point lies within an excavation.		
				40.73220	41.09700	85.00000	Point lies within an excavation.		
				41.48650	41.09700	85.00000	-6.7884	-9.1383	6.5218
				42.24080	41.09700	85.00000	-6.7384	-9.0709	6.9172
				42.99510	41.09700	85.00000	-6.6815	-8.9943	7.2661
				43.74940	41.09700	85.00000	-6.2549	-8.4201	7.2942
				44.50370	41.09700	85.00000	-5.8428	-7.8653	7.2337
				45.25800	41.09700	85.00000	-5.4450	-7.3298	7.1004
				46.01230	41.09700	85.00000	-5.7214	-5.6552	6.9225
				46.76660	41.09700	85.00000	-5.9214	-4.2103	6.7282
				47.52090	41.09700	85.00000	-5.9462	-3.2309	6.5240
				48.27520	41.09700	85.00000	-5.9575	-2.6019	6.3700
				49.02950	41.09700	85.00000	-5.8442	-2.1334	6.1435
				49.78380	41.09700	85.00000	-5.6507	-1.7735	5.8597
				50.53810	41.09700	85.00000	-5.4047	-1.4896	5.5333
				51.29240	41.09700	85.00000	-5.1235	-1.2605	5.1780
				52.04670	41.09700	85.00000	-4.8187	-1.0721	4.8060
				52.80100	41.09700	85.00000	-4.4978	-0.91458	4.4283
				53.55530	41.09700	85.00000	-4.1659	-0.78103	4.0542
				54.30960	41.09700	85.00000	-3.8267	-0.66637	3.6916
				55.06390	41.09700	85.00000	-3.4826	-0.56682	3.3466
				55.81820	41.09700	85.00000	-3.1352	-0.47951	3.0239
				56.57250	41.09700	85.00000	-2.7857	-0.40223	2.7264
				57.32680	41.09700	85.00000	-2.4346	-0.33326	2.4556
				58.08110	41.09700	85.00000	-2.0824	-0.27120	2.2112
				58.83540	41.09700	85.00000	-1.7293	-0.21495	1.9912
				59.58970	41.09700	85.00000	-1.3752	-0.16362	1.7921
				60.34400	41.09700	85.00000	-1.0199	-0.11644	1.6088
				61.09830	41.09700	85.00000	-0.66316	-0.072817	1.4343
				61.85260	41.09700	85.00000	-0.30463	-0.032220	1.2603
				62.60690	41.09700	85.00000	-0.062805	-0.0064227	1.0766
				63.36120	41.09700	85.00000	0.0	0.0	0.91082
				64.11550	41.09700	85.00000	0.0	0.0	0.76069
				64.86980	41.09700	85.00000	0.0	0.0	0.61057
				65.62410	41.09700	85.00000	0.0	0.0	0.46044
				66.37840	41.09700	85.00000	0.0	0.0	0.31032
				67.13270	41.09700	85.00000	0.0	0.0	0.16019
				67.88700	41.09700	85.00000	0.0	0.0	0.010071
				68.64130	41.09700	85.00000	0.0	0.0	0.0
				69.39560	41.09700	85.00000	0.0	0.0	0.0
				70.14990	41.09700	85.00000	0.0	0.0	0.0
				70.90420	41.09700	85.00000	0.0	0.0	0.0
				71.65850	41.09700	85.00000	0.0	0.0	0.0
				72.41280	41.09700	85.00000	0.0	0.0	0.0
				73.16710	41.09700	85.00000	0.0	0.0	0.0
				73.92140	41.09700	85.00000	0.0	0.0	0.0
				74.67570	41.09700	85.00000	0.0	0.0	0.0
				75.43000	41.09700	85.00000	0.0	0.0	0.0
				0.00000	41.81800	85.00000	0.0	0.0	0.0
				0.75430	41.81800	85.00000	0.0	0.0	0.0
				1.50860	41.81800	85.00000	0.0	0.0	0.0
				2.26290	41.81800	85.00000	0.0	0.0	0.0
				3.01720	41.81800	85.00000	0.0	0.0	0.0
				3.77150	41.81800	85.00000	0.0	0.0	0.0
				4.52580	41.81800	85.00000	0.0	0.0	0.0
				5.28010	41.81800	85.00000	0.0	0.0	0.0
				6.03440	41.81800	85.00000	0.0	0.0	0.0
				6.78870	41.81800	85.00000	0.0	0.0	0.0
				7.54300	41.81800	85.00000	0.0	0.0	0.0
				8.29730	41.81800	85.00000	0.0	0.0	0.020426
				9.05160	41.81800	85.00000	0.0	0.0	0.17001
				9.80590	41.81800	85.00000	0.0	0.0	0.31952
				10.56020	41.81800	85.00000	0.0	0.0	0.46892
				11.31450	41.81800	85.00000	0.0	0.0	0.61823
				12.06880	41.81800	85.00000	0.0	0.0	0.76742
				12.82310	41.81800	85.00000	0.0	0.0	0.91648
				13.57740	41.81800	85.00000	0.065532	-0.010578	1.0822
				14.33170	41.81800	85.00000	0.29376	-0.049717	1.2636
				15.08600	41.81800	85.00000	0.62884	-0.11192	1.4356
				15.84030	41.81800	85.00000	0.96196	-0.18005	1.6080
				16.59460	41.81800	85.00000	1.2994	-0.25510	1.7887
				17.34890	41.81800	85.00000	1.6252	-0.33855	1.9846
				18.10320	41.81800	85.00000	1.9618	-0.43270	2.2012
				18.85750	41.81800	85.00000	2.3004	-0.53862	2.4420
				19.61180	41.81800	85.00000	2.6413	-0.65846	2.7090
				20.36610	41.81800	85.00000	2.9849	-0.79488	3.0032
				21.12040	41.81800	85.00000	3.3312	-0.95115	3.3240
				21.87470	41.81800	85.00000	3.6802	-1.1314	3.6694
				22.62900	41.81800	85.00000	4.0318	-1.3410	4.0361
				23.38330	41.81800	85.00000	4.3854	-1.5866	4.4196
				24.13760	41.81800	85.00000	4.7402	-1.8771	4.8141
				24.89190	41.81800	85.00000	5.0947	-2.2243	5.2127
				25.64620	41.81800	85.00000	5.4465	-2.6439	5.6077
				26.40050	41.81800	85.00000	5.7923	-3.1571	5.9909
				27.15480	41.81800	85.00000	6.2633	-3.4534	6.3969
				27.90910	41.81800	85.00000	6.7672	-3.7312	6.7844
				28.66340	41.81800	85.00000	7.2918	-4.0205	7.1341
				29.41770	41.81800	85.00000	7.8377	-4.3215	7.4282
				30.17200	41.81800	85.00000	8.2728	-4.5614	7.5588
				30.92630	41.81800	85.00000	8.4360	-4.6514	7.4214

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
Made by PES		Date 01-Nov-2024		Checked		Date									
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				31.68060	41.81800	85.00000	8.5880	-4.7352	7.1949						
				32.43490	41.81800	85.00000	8.7292	-4.8130	6.8809						
				33.18920	41.81800	85.00000	8.8602	-4.8853	6.4835						
				33.94350	41.81800	85.00000	-0.24372	-10.394	6.3421						
				34.69780	41.81800	85.00000	-0.25125	-10.715	6.4478						
				35.45210	41.81800	85.00000	-0.25878	-11.036	6.5550						
				36.20640	41.81800	85.00000	-0.26629	-11.356	6.6638						
				36.96070	41.81800	85.00000	-0.27378	-11.676	6.7741						
				37.71500	41.81800	85.00000	-0.27355	-11.666	6.7888						
				38.46930	41.81800	85.00000	-0.26880	-11.464	6.7459						
				39.22360	41.81800	85.00000	-0.26406	-11.261	6.7019						
				39.97790	41.81800	85.00000	-0.25932	-11.059	6.6569						
				40.73220	41.81800	85.00000	-0.25460	-10.958	6.6109						
				41.48650	41.81800	85.00000	-6.3974	-8.6119	6.8302						
				42.24080	41.81800	85.00000	-6.3498	-8.5479	7.1414						
				42.99510	41.81800	85.00000	-6.2979	-8.4779	7.4105						
				43.74940	41.81800	85.00000	-6.1358	-8.2597	7.5463						
				44.50370	41.81800	85.00000	-5.7312	-7.7151	7.4094						
				45.25800	41.81800	85.00000	-5.3408	-7.1896	7.2122						
				46.01230	41.81800	85.00000	-5.0060	-6.6185	6.9704						
				46.76660	41.81800	85.00000	-5.2556	-5.1938	6.7448						
				47.52090	41.81800	85.00000	-5.3292	-4.1172	6.4916						
				48.27520	41.81800	85.00000	-5.2791	-3.3012	6.2080						
				49.02950	41.81800	85.00000	-5.1983	-2.7048	5.9381						
				49.78380	41.81800	85.00000	-5.0931	-2.2646	5.6689						
				50.53810	41.81800	85.00000	-4.9225	-1.9104	5.3591						
				51.29240	41.81800	85.00000	-4.7055	-1.6207	5.0212						
				52.04670	41.81800	85.00000	-4.4554	-1.3802	4.6667						
				52.80100	41.81800	85.00000	-4.1813	-1.1777	4.3059						
				53.55530	41.81800	85.00000	-3.8898	-1.0052	3.9478						
				54.30960	41.81800	85.00000	-3.5857	-0.85665	3.6000						
				55.06390	41.81800	85.00000	-3.2721	-0.72742	3.2685						
				55.81820	41.81800	85.00000	-2.9515	-0.61399	2.9579						
				56.57250	41.81800	85.00000	-2.6256	-0.51357	2.6711						
				57.32680	41.81800	85.00000	-2.2955	-0.42400	2.4094						
				58.08110	41.81800	85.00000	-1.9621	-0.34349	2.1725						
				58.83540	41.81800	85.00000	-1.6257	-0.27064	1.9587						
				59.58970	41.81800	85.00000	-1.2867	-0.20427	1.7643						
				60.34400	41.81800	85.00000	-0.94507	-0.14341	1.5842						
				61.09830	41.81800	85.00000	-0.60074	-0.087273	1.4116						
				61.85260	41.81800	85.00000	-0.25701	-0.035667	1.2382						
				62.60690	41.81800	85.00000	-0.034951	-0.0046757	1.0538						
				63.36120	41.81800	85.00000	0.0	0.0	0.89396						
				64.11550	41.81800	85.00000	0.0	0.0	0.74444						
				64.86980	41.81800	85.00000	0.0	0.0	0.59481						
				65.62410	41.81800	85.00000	0.0	0.0	0.44510						
				66.37840	41.81800	85.00000	0.0	0.0	0.29532						
				67.13270	41.81800	85.00000	0.0	0.0	0.14546						
				67.88700	41.81800	85.00000	0.0	0.0	0.0						
				68.64130	41.81800	85.00000	0.0	0.0	0.0						
				69.39560	41.81800	85.00000	0.0	0.0	0.0						
				70.14990	41.81800	85.00000	0.0	0.0	0.0						
				70.90420	41.81800	85.00000	0.0	0.0	0.0						
				71.65850	41.81800	85.00000	0.0	0.0	0.0						
				72.41280	41.81800	85.00000	0.0	0.0	0.0						
				73.16710	41.81800	85.00000	0.0	0.0	0.0						
				73.92140	41.81800	85.00000	0.0	0.0	0.0						
				74.67570	41.81800	85.00000	0.0	0.0	0.0						
				75.43000	41.81800	85.00000	0.0	0.0	0.0						
				0.00000	42.53900	85.00000	0.0	0.0	0.0						
				0.75430	42.53900	85.00000	0.0	0.0	0.0						
				1.50860	42.53900	85.00000	0.0	0.0	0.0						
				2.26290	42.53900	85.00000	0.0	0.0	0.0						
				3.01720	42.53900	85.00000	0.0	0.0	0.0						
				3.77150	42.53900	85.00000	0.0	0.0	0.0						
				4.52580	42.53900	85.00000	0.0	0.0	0.0						
				5.28010	42.53900	85.00000	0.0	0.0	0.0						
				6.03440	42.53900	85.00000	0.0	0.0	0.0						
				6.78870	42.53900	85.00000	0.0	0.0	0.0						
				7.54300	42.53900	85.00000	0.0	0.0	0.0						
				8.29730	42.53900	85.00000	0.0	0.0	0.0						
				9.05160	42.53900	85.00000	0.0	0.0	0.14883						
				9.80590	42.53900	85.00000	0.0	0.0	0.29763						
				10.56020	42.53900	85.00000	0.0	0.0	0.44629						
				11.31450	42.53900	85.00000	0.0	0.0	0.59479						
				12.06880	42.53900	85.00000	0.0	0.0	0.74311						
				12.82310	42.53900	85.00000	0.0	0.0	0.89125						
				13.57740	42.53900	85.00000	0.027155	-0.0055544	1.0483						
				14.33170	42.53900	85.00000	0.23646	-0.050666	1.2310						
				15.08600	42.53900	85.00000	0.55843	-0.12538	1.4027						
				15.84030	42.53900	85.00000	0.88810	-0.20933	1.5732						
				16.59460	42.53900	85.00000	1.2178	-0.30196	1.7506						
				17.34890	42.53900	85.00000	1.5481	-0.40464	1.9417						
				18.10320	42.53900	85.00000	1.8792	-0.51905	2.1519						
				18.85750	42.53900	85.00000	2.2115	-0.64716	2.3849						
				19.61180	42.53900	85.00000	2.5454	-0.79139	2.6493						
				20.36610	42.53900	85.00000	2.8808	-0.95466	2.9280						
				21.12040	42.53900	85.00000	3.2178	-1.1406	3.2388						
				21.87470	42.53900	85.00000	3.5561	-1.3536	3.5740						
				22.62900	42.53900	85.00000	3.8954	-1.5993	3.9305						
				23.38330	42.53900	85.00000	4.2347	-1.8847	4.3042						
				24.13760	42.53900	85.00000	4.5729	-2.2186	4.6897						
				24.89190	42.53900	85.00000	4.9081	-2.6126	5.0807						
				25.64620	42.53900	85.00000	5.3162	-2.9312	5.4987						
				26.40050	42.53900	85.00000	5.7832	-3.1887	5.9352						
				27.15480	42.53900	85.00000	6.2699	-3.4570	6.3667						
				27.90910	42.53900	85.00000	6.7766	-3.7364	6.7807						
				28.66340	42.53900	85.00000	7.2817	-4.0149	7.1468						
				29.41770	42.53900	85.00000	7.4506	-4.1080	7.2135						
				30.17200	42.53900	85.00000	7.6072	-4.1944	7.2058						
				30.92630	42.53900	85.00000	7.7519	-4.2741	7.1211						
				31.68060	42.53900	85.00000	7.8852	-4.3476	6.9592						
				32.4											

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD							Job No.		Sheet No.		Rev.	
							3500					
							Drg. Ref.					
							Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz			
				[m]	[m]	[m]	[mm]	[mm]	[mm]			
				53.55530	42.53900	85.00000	-3.6065	-1.2030	3.8213			
				54.30960	42.53900	85.00000	-3.3357	-1.0253	3.4903			
				55.06390	42.53900	85.00000	-3.0516	-0.87014	3.1743			
				55.81820	42.53900	85.00000	-2.7572	-0.73348	2.8777			
				56.57250	42.53900	85.00000	-2.4546	-0.61223	2.6033			
				57.32680	42.53900	85.00000	-2.1453	-0.50389	2.3523			
				58.08110	42.53900	85.00000	-1.8306	-0.40643	2.1244			
				58.83540	42.53900	85.00000	-1.5110	-0.31818	1.9178			
				59.58970	42.53900	85.00000	-1.1872	-0.23777	1.7289			
				60.34400	42.53900	85.00000	-0.85932	-0.16407	1.5527			
				61.09830	42.53900	85.00000	-0.52753	-0.096097	1.3822			
				61.85260	42.53900	85.00000	-0.21523	-0.037306	1.2093			
				62.60690	42.53900	85.00000	-634.33E-6	-105.73E-6	1.0239			
				63.36120	42.53900	85.00000	0.0	0.0	0.87189			
				64.11550	42.53900	85.00000	0.0	0.0	0.72317			
				64.86980	42.53900	85.00000	0.0	0.0	0.57430			
				65.62410	42.53900	85.00000	0.0	0.0	0.42529			
				66.37840	42.53900	85.00000	0.0	0.0	0.27616			
				67.13270	42.53900	85.00000	0.0	0.0	0.12692			
				67.88700	42.53900	85.00000	0.0	0.0	0.0			
				68.64130	42.53900	85.00000	0.0	0.0	0.0			
				69.39560	42.53900	85.00000	0.0	0.0	0.0			
				70.14990	42.53900	85.00000	0.0	0.0	0.0			
				70.90420	42.53900	85.00000	0.0	0.0	0.0			
				71.65850	42.53900	85.00000	0.0	0.0	0.0			
				72.41280	42.53900	85.00000	0.0	0.0	0.0			
				73.16710	42.53900	85.00000	0.0	0.0	0.0			
				73.92140	42.53900	85.00000	0.0	0.0	0.0			
				74.67570	42.53900	85.00000	0.0	0.0	0.0			
				75.43000	42.53900	85.00000	0.0	0.0	0.0			
				0.00000	43.26000	85.00000	0.0	0.0	0.0			
				0.75430	43.26000	85.00000	0.0	0.0	0.0			
				1.50860	43.26000	85.00000	0.0	0.0	0.0			
				2.26290	43.26000	85.00000	0.0	0.0	0.0			
				3.01720	43.26000	85.00000	0.0	0.0	0.0			
				3.77150	43.26000	85.00000	0.0	0.0	0.0			
				4.52580	43.26000	85.00000	0.0	0.0	0.0			
				5.28010	43.26000	85.00000	0.0	0.0	0.0			
				6.03440	43.26000	85.00000	0.0	0.0	0.0			
				6.78870	43.26000	85.00000	0.0	0.0	0.0			
				7.54300	43.26000	85.00000	0.0	0.0	0.0			
				8.29730	43.26000	85.00000	0.0	0.0	0.0			
				9.05160	43.26000	85.00000	0.0	0.0	0.12330			
				9.80590	43.26000	85.00000	0.0	0.0	0.27126			
				10.56020	43.26000	85.00000	0.0	0.0	0.41902			
				11.31450	43.26000	85.00000	0.0	0.0	0.56656			
				12.06880	43.26000	85.00000	0.0	0.0	0.71386			
				12.82310	43.26000	85.00000	0.0	0.0	0.86090			
				13.57740	43.26000	85.00000	0.0	0.0	1.0076			
				14.33170	43.26000	85.00000	0.19024	-0.049295	1.1921			
				15.08600	43.26000	85.00000	0.48174	-0.13040	1.3640			
				15.84030	43.26000	85.00000	0.80717	-0.22889	1.5324			
				16.59460	43.26000	85.00000	1.1321	-0.33713	1.7058			
				17.34890	43.26000	85.00000	1.4569	-0.45664	1.8909			
				18.10320	43.26000	85.00000	1.7820	-0.58922	2.0933			
				18.85750	43.26000	85.00000	2.1074	-0.73700	2.3171			
				19.61180	43.26000	85.00000	2.4334	-0.90251	2.5649			
				20.36610	43.26000	85.00000	2.7600	-1.0888	2.8379			
				21.12040	43.26000	85.00000	3.0869	-1.2997	3.1361			
				21.87470	43.26000	85.00000	3.4138	-1.5395	3.4580			
				22.62900	43.26000	85.00000	3.7399	-1.8139	3.8010			
				23.38330	43.26000	85.00000	4.0644	-2.1295	4.1612			
				24.13760	43.26000	85.00000	4.4230	-2.4387	4.5467			
				24.89190	43.26000	85.00000	4.8560	-2.6775	4.9720			
				25.64620	43.26000	85.00000	5.3075	-2.9264	5.4142			
				26.40050	43.26000	85.00000	5.7779	-3.1858	5.8657			
				27.15480	43.26000	85.00000	6.2677	-3.4558	6.3169			
				27.90910	43.26000	85.00000	6.5106	-3.5897	6.5680			
				28.66340	43.26000	85.00000	6.6746	-3.6802	6.7182			
				29.41770	43.26000	85.00000	6.8256	-3.7634	6.8070			
				30.17200	43.26000	85.00000	6.9641	-3.8398	6.8305			
				30.92630	43.26000	85.00000	6.9611	-4.0144	6.8054			
				31.68060	43.26000	85.00000	6.1417	-4.6926	6.7494			
				32.43490	43.26000	85.00000	4.4500	-5.6806	6.5737			
				33.18920	43.26000	85.00000	1.7723	-7.6315	6.6388			
				33.94350	43.26000	85.00000	-0.21863	-9.3239	6.8762			
				34.69780	43.26000	85.00000	-0.22558	-9.6204	7.0240			
				35.45210	43.26000	85.00000	-0.23252	-9.9163	7.1725			
				36.20640	43.26000	85.00000	-0.23944	-10.212	7.3217			
				36.96070	43.26000	85.00000	-0.24635	-10.506	7.4715			
				37.71500	43.26000	85.00000	-0.24664	-10.519	7.4883			
				38.46930	43.26000	85.00000	-0.24225	-10.331	7.4098			
				39.22360	43.26000	85.00000	-0.23786	-10.144	7.3307			
				39.97790	43.26000	85.00000	-0.23349	-9.9576	7.2512			
				40.73220	43.26000	85.00000	-0.22912	-9.7713	7.1712			
				41.48650	43.26000	85.00000	-2.3950	-8.2887	6.9706			
				42.24080	43.26000	85.00000	-5.6125	-7.5553	7.2219			
				42.99510	43.26000	85.00000	-5.5648	-7.4910	7.3578			
				43.74940	43.26000	85.00000	-5.5122	-7.4203	7.4553			
				44.50370	43.26000	85.00000	-5.4549	-7.3431	7.5136			
				45.25800	43.26000	85.00000	-5.3116	-6.8904	7.2516			
				46.01230	43.26000	85.00000	-4.7564	-6.4029	6.9224			
				46.76660	43.26000	85.00000	-4.4080	-5.9339	6.5753			
				47.52090	43.26000	85.00000	-4.3496	-5.1572	6.2720			
				48.27520	43.26000	85.00000	-4.3772	-4.3259	5.9773			
				49.02950	43.26000	85.00000	-4.3298	-3.6336	5.6606			
				49.78380	43.26000	85.00000	-4.2237	-3.0576	5.3272			
				50.53810	43.26000	85.00000	-4.0725	-2.5772	4.9831			
				51.29240	43.26000	85.00000	-3.8934	-2.1780	4.6385			
				52.04670	43.26000	85.00000	-3.7339	-1.8677	4.3220			
				52.80100	43.26000	85.00000	-3.5408	-1.6011	3.9993			
				53.55530	43.26000	85.00000	-3.3215	-1.3702	3.6781			
				54.30960	43.26000	85.00000	-3.0816	-1.1687	3.3654			
				55.06390	43.26000	85.00000	-2.8252	-0.99172	3.0664			
				55.81								



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				75.43000	43.26000	85.00000	0.0	0.0	0.0
				0.00000	43.98100	85.00000	0.0	0.0	0.0
				0.75430	43.98100	85.00000	0.0	0.0	0.0
				1.50860	43.98100	85.00000	0.0	0.0	0.0
				2.26290	43.98100	85.00000	0.0	0.0	0.0
				3.01720	43.98100	85.00000	0.0	0.0	0.0
				3.77150	43.98100	85.00000	0.0	0.0	0.0
				4.52580	43.98100	85.00000	0.0	0.0	0.0
				5.28010	43.98100	85.00000	0.0	0.0	0.0
				6.03440	43.98100	85.00000	0.0	0.0	0.0
				6.78870	43.98100	85.00000	0.0	0.0	0.0
				7.54300	43.98100	85.00000	0.0	0.0	0.0
				8.29730	43.98100	85.00000	0.0	0.0	0.0
				9.05160	43.98100	85.00000	0.0	0.0	0.093479
				9.80590	43.98100	85.00000	0.0	0.0	0.24047
				10.56020	43.98100	85.00000	0.0	0.0	0.38720
				11.31450	43.98100	85.00000	0.0	0.0	0.53365
				12.06880	43.98100	85.00000	0.0	0.0	0.67977
				12.82310	43.98100	85.00000	0.0	0.0	0.82554
				13.57740	43.98100	85.00000	0.0	0.0	0.97092
				14.33170	43.98100	85.00000	0.13627	-0.041285	1.1458
				15.08600	43.98100	85.00000	0.39304	-0.12425	1.3185
				15.84030	43.98100	85.00000	0.71384	-0.23592	1.4852
				16.59460	43.98100	85.00000	1.0336	-0.35820	1.6543
				17.34890	43.98100	85.00000	1.3526	-0.49266	1.8329
				18.10320	43.98100	85.00000	1.6710	-0.64116	2.0268
				18.85750	43.98100	85.00000	1.9891	-0.80589	2.2400
				19.61180	43.98100	85.00000	2.3068	-0.98943	2.4756
				20.36610	43.98100	85.00000	2.6239	-1.1948	2.7349
				21.12040	43.98100	85.00000	2.9402	-1.4257	3.0182
				21.87470	43.98100	85.00000	3.2552	-1.6865	3.3242
				22.62900	43.98100	85.00000	3.5765	-1.9720	3.6532
				23.38330	43.98100	85.00000	3.9783	-2.1935	4.0285
				24.13760	43.98100	85.00000	4.3974	-2.4246	4.4332
				24.89190	43.98100	85.00000	4.8344	-2.6656	4.8636
				25.64620	43.98100	85.00000	5.2897	-2.9166	5.3146
				26.40050	43.98100	85.00000	5.6088	-3.0925	5.6794
				27.15480	43.98100	85.00000	5.7831	-3.1886	5.9289
				27.90910	43.98100	85.00000	5.9432	-3.2769	6.1351
				28.66340	43.98100	85.00000	6.0897	-3.3577	6.2920
				29.41770	43.98100	85.00000	6.2230	-3.4312	6.3951
				30.17200	43.98100	85.00000	6.0046	-3.8442	6.5370
				30.92630	43.98100	85.00000	5.4794	-4.3778	6.5991
				31.68060	43.98100	85.00000	4.5180	-5.0582	6.5676
				32.43490	43.98100	85.00000	3.0130	-6.0183	6.5139
				33.18920	43.98100	85.00000	1.1476	-7.6328	6.7346
				33.94350	43.98100	85.00000	-0.20665	-8.8129	6.9394
				34.69780	43.98100	85.00000	-0.21331	-9.0969	7.0968
				35.45210	43.98100	85.00000	-0.21995	-9.3802	7.2546
				36.20640	43.98100	85.00000	-0.22658	-9.6630	7.4128
				36.96070	43.98100	85.00000	-0.23320	-9.9451	7.5713
				37.71500	43.98100	85.00000	-0.23371	-9.9671	7.5910
				38.46930	43.98100	85.00000	-0.22950	-9.7874	7.5024
				39.22360	43.98100	85.00000	-0.22529	-9.6080	7.4134
				39.97790	43.98100	85.00000	-0.22109	-9.4290	7.3242
				40.73220	43.98100	85.00000	-0.21690	-9.2503	7.2346
				41.48650	43.98100	85.00000	-2.0457	-8.2190	7.0478
				42.24080	43.98100	85.00000	-4.2238	-7.4025	7.1037
				42.99510	43.98100	85.00000	-5.2174	-7.0234	7.2019
				43.74940	43.98100	85.00000	-5.1667	-6.9551	7.2490
				44.50370	43.98100	85.00000	-5.1109	-6.8801	7.2603
				45.25800	43.98100	85.00000	-5.0001	-6.7309	7.1839
				46.01230	43.98100	85.00000	-4.6447	-6.2525	6.8227
				46.76660	43.98100	85.00000	-4.3030	-5.7926	6.4513
				47.52090	43.98100	85.00000	-3.9749	-5.3508	6.0770
				48.27520	43.98100	85.00000	-3.9869	-4.5937	5.7815
				49.02950	43.98100	85.00000	-3.9622	-3.9162	5.4723
				49.78380	43.98100	85.00000	-3.8831	-3.3366	5.1478
				50.53810	43.98100	85.00000	-3.7601	-2.8417	4.8140
				51.29240	43.98100	85.00000	-3.6023	-2.4186	4.4765
				52.04670	43.98100	85.00000	-3.4171	-2.0560	4.1412
				52.80100	43.98100	85.00000	-3.2282	-1.7540	3.8225
				53.55530	43.98100	85.00000	-3.0393	-1.5041	3.5215
				54.30960	43.98100	85.00000	-2.8273	-1.2843	3.2281
				55.06390	43.98100	85.00000	-2.5965	-1.0898	2.9473
				55.81820	43.98100	85.00000	-2.3503	-0.91678	2.6828
				56.57250	43.98100	85.00000	-2.0914	-0.76199	2.4371
				57.32680	43.98100	85.00000	-1.8217	-0.62273	2.2110
				58.08110	43.98100	85.00000	-1.5428	-0.49674	2.0041
				58.83540	43.98100	85.00000	-1.2559	-0.38214	1.8143
				59.58970	43.98100	85.00000	-0.96172	-0.27734	1.6380
				60.34400	43.98100	85.00000	-0.66097	-0.18099	1.4701
				61.09830	43.98100	85.00000	-0.35398	-0.091950	1.3037
				61.85260	43.98100	85.00000	-0.11540	-0.028499	1.1306
				62.60690	43.98100	85.00000	0.0	0.0	0.95868
				63.36120	43.98100	85.00000	0.0	0.0	0.81249
				64.11550	43.98100	85.00000	0.0	0.0	0.66585
				64.86980	43.98100	85.00000	0.0	0.0	0.51897
				65.62410	43.98100	85.00000	0.0	0.0	0.37182
				66.37840	43.98100	85.00000	0.0	0.0	0.22443
				67.13270	43.98100	85.00000	0.0	0.0	0.076828
				67.88700	43.98100	85.00000	0.0	0.0	0.0
				68.64130	43.98100	85.00000	0.0	0.0	0.0
				69.39560	43.98100	85.00000	0.0	0.0	0.0
				70.14990	43.98100	85.00000	0.0	0.0	0.0
				70.90420	43.98100	85.00000	0.0	0.0	0.0
				71.65850	43.98100	85.00000	0.0	0.0	0.0
				72.41280	43.98100	85.00000	0.0	0.0	0.0
				73.16710	43.98100	85.00000	0.0	0.0	0.0
				73.92140	43.98100	85.00000	0.0	0.0	0.0
				74.67570	43.98100	85.00000	0.0	0.0	0.0
				75.43000	43.98100	85.00000	0.0	0.0	0.0
				0.00000	44.70200	85.00000	0.0	0.0	0.0
				0.75430	44.70200	85.00000	0.0	0.0	0.0
				1.50860	44.70200	85.00000	0.0	0.0	0.0
				2.26290	44.70200	85.00000	0.0	0.0	0.0
				3.01720	44.70200	85.00000	0.0	0.0	0.0
				3.77150	44.70200	85.00000	0.0	0.0	0.0
				4.52580	44.70200	85.00000	0.0	0.0	0.0
				5.28010	44.70200	85.00000	0.0	0.0	0.0
				6.03440	44.70200	85.00000	0.0	0.0	0.0
				6.78870	44.70200	85.00000	0.0	0.0	0.0
				7.54300	44.70200	85.00000	0.0	0.0	0.0
				8.29730	44.70200	85.00000	0.0	0.0	0.0
				9.05160	44.70200	85.00000	0.0	0.0	0.059461
				9.80590	44.70200	85.00000	0.0	0.0	0.20537
				10.56020	44.70200	85.00000	0.0	0.0	0.35094
				11.31450	44.70200	85.00000	0.0	0.0	0.49615
				12.06880	44.70200	85.00000	0.0	0.0	0.64096
				12.82310	44.70200	85.00000	0.0	0.0	0.78532
				13.57740	44.70200	85.00000	0.0	0.0	0.92918
				14.33170	44.70200	85.00000	0.074736	-0.025839	1.0916
				15.08600	44.70200	85.00000	0.29278	-0.10564	1.2662
				15.84030	44.70200	85.00000	0.60865	-0.22909	1.4317
				16.59460	44.70200	85.00000	0.92286	-0.36372	1.5968
				17.34890	44.70200	85.00000	1.2357	-0.51116	1.7687
				18.10320	44.70200	85.00000	1.5472	-0.67325	1.9535
				18.85750	44.70200	85.00000	1.8575	-0.85217	2.1553
				19.61180	44.70200	85.00000	2.1665	-1.0504	2.3774
				20.36610	44.70200	85.00000	2.4739	-1.2710	2.6215

 A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1										Job No. 3500 Drg. Ref. Made by PES Date 01-Nov-2024 Sheet No. Rev. Checked Date
Stage: Ref. Stage: Name Disp. Grid: Ref. Disp. Grid: Name				x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]	
				21.12040	44.70200	85.00000	-2.7794	-1.5172	2.8890	
				21.87470	44.70200	85.00000	3.1428	-1.7329	3.1923	
				22.62900	44.70200	85.00000	3.5325	-1.9477	3.5320	
				23.38330	44.70200	85.00000	3.9390	-2.1718	3.9050	
				24.13760	44.70200	85.00000	4.3625	-2.4053	4.3098	
				24.89190	44.70200	85.00000	4.7390	-2.6124	4.7077	
				25.64620	44.70200	85.00000	4.9254	-2.7157	5.0032	
				26.40050	44.70200	85.00000	5.0976	-2.8107	5.2743	
				27.15480	44.70200	85.00000	5.2550	-2.8974	5.5137	
				27.90910	44.70200	85.00000	5.3980	-2.9763	5.7152	
				28.66340	44.70200	85.00000	5.4223	-3.2254	5.9464	
				29.41770	44.70200	85.00000	5.2743	-3.5993	6.1577	
				30.17200	44.70200	85.00000	4.9336	-4.0390	6.3039	
				30.92630	44.70200	85.00000	4.3322	-4.5623	6.3759	
				31.68060	44.70200	85.00000	3.3942	-5.1851	6.3693	
				32.43490	44.70200	85.00000	-2.2307	-6.1894	6.5109	
				33.18920	44.70200	85.00000	0.81655	-7.4172	6.7132	
				33.94350	44.70200	85.00000	-0.19501	-8.3168	6.8933	
				34.69780	44.70200	85.00000	-0.20138	-8.5882	7.0543	
				35.45210	44.70200	85.00000	-0.20773	-8.8591	7.2154	
				36.20640	44.70200	85.00000	-0.21407	-9.1293	7.3765	
				36.96070	44.70200	85.00000	-0.22039	-9.3989	7.5377	
				37.71500	44.70200	85.00000	-0.22111	-9.4296	7.5609	
				38.46930	44.70200	85.00000	-0.21707	-9.2575	7.4663	
				39.22360	44.70200	85.00000	-0.21304	-9.0857	7.3716	
				39.97790	44.70200	85.00000	-0.20903	-8.9143	7.2767	
				40.73220	44.70200	85.00000	-0.20501	-8.7433	7.1817	
				41.48650	44.70200	85.00000	-1.5134	-7.9860	7.0196	
				42.24080	44.70200	85.00000	-3.1647	-7.1902	6.9351	
				42.99510	44.70200	85.00000	-4.5353	-6.6990	6.9871	
				43.74940	44.70200	85.00000	-4.8335	-6.5066	6.9871	
				44.50370	44.70200	85.00000	-4.7792	-6.4335	6.9591	
				45.25800	44.70200	85.00000	-4.7197	-6.3535	6.8989	
				46.01230	44.70200	85.00000	-4.5277	-6.0950	6.6759	
				46.76660	44.70200	85.00000	-4.1925	-5.6438	6.2863	
				47.52090	44.70200	85.00000	-3.8708	-5.2107	5.8998	
				48.27520	44.70200	85.00000	-3.6328	-4.7331	5.5408	
				49.02950	44.70200	85.00000	-3.6217	-4.0870	5.2444	
				49.78380	44.70200	85.00000	-3.5615	-3.5206	4.9337	
				50.53810	44.70200	85.00000	-3.4601	-3.0264	4.6143	
				51.29240	44.70200	85.00000	-3.3248	-2.5961	4.2920	
				52.04670	44.70200	85.00000	-3.1617	-2.2214	3.9723	
				52.80100	44.70200	85.00000	-2.9762	-1.8945	3.6599	
				53.55530	44.70200	85.00000	-2.7726	-1.6088	3.3590	
				54.30960	44.70200	85.00000	-2.5760	-1.3705	3.0816	
				55.06390	44.70200	85.00000	-2.3683	-1.1628	2.8196	
				55.81820	44.70200	85.00000	-2.1435	-0.97685	2.5725	
				56.57250	44.70200	85.00000	-1.9042	-0.80960	2.3423	
				57.32680	44.70200	85.00000	-1.6527	-0.65843	2.1297	
				58.08110	44.70200	85.00000	-1.3905	-0.52113	1.9341	
				58.83540	44.70200	85.00000	-1.1190	-0.39582	1.7533	
				59.58970	44.70200	85.00000	-0.83897	-0.28089	1.5835	
				60.34400	44.70200	85.00000	-0.55121	-0.17496	1.4195	
				61.09830	44.70200	85.00000	-0.25618	-0.076847	1.2546	
				61.85260	44.70200	85.00000	-0.059598	-0.016861	1.0803	
				62.60690	44.70200	85.00000	0.0	0.0	0.92012	
				63.36120	44.70200	85.00000	0.0	0.0	0.77527	
				64.11550	44.70200	85.00000	0.0	0.0	0.62999	
				64.86980	44.70200	85.00000	0.0	0.0	0.48434	
				65.62410	44.70200	85.00000	0.0	0.0	0.33833	
				66.37840	44.70200	85.00000	0.0	0.0	0.19202	
				67.13270	44.70200	85.00000	0.0	0.0	0.045416	
				67.88700	44.70200	85.00000	0.0	0.0	0.0	
				68.64130	44.70200	85.00000	0.0	0.0	0.0	
				69.39560	44.70200	85.00000	0.0	0.0	0.0	
				70.14990	44.70200	85.00000	0.0	0.0	0.0	
				70.90420	44.70200	85.00000	0.0	0.0	0.0	
				71.65850	44.70200	85.00000	0.0	0.0	0.0	
				72.41280	44.70200	85.00000	0.0	0.0	0.0	
				73.16710	44.70200	85.00000	0.0	0.0	0.0	
				73.92140	44.70200	85.00000	0.0	0.0	0.0	
				74.67570	44.70200	85.00000	0.0	0.0	0.0	
				75.43000	44.70200	85.00000	0.0	0.0	0.0	
				0.00000	45.42300	85.00000	0.0	0.0	0.0	
				0.75430	45.42300	85.00000	0.0	0.0	0.0	
				1.50860	45.42300	85.00000	0.0	0.0	0.0	
				2.26290	45.42300	85.00000	0.0	0.0	0.0	
				3.01720	45.42300	85.00000	0.0	0.0	0.0	
				3.77150	45.42300	85.00000	0.0	0.0	0.0	
				4.52580	45.42300	85.00000	0.0	0.0	0.0	
				5.28010	45.42300	85.00000	0.0	0.0	0.0	
				6.03440	45.42300	85.00000	0.0	0.0	0.0	
				6.78870	45.42300	85.00000	0.0	0.0	0.0	
				7.54300	45.42300	85.00000	0.0	0.0	0.0	
				8.29730	45.42300	85.00000	0.0	0.0	0.0	
				9.05160	45.42300	85.00000	0.0	0.0	0.021393	
				9.80590	45.42300	85.00000	0.0	0.0	0.16604	
				10.56020	45.42300	85.00000	0.0	0.0	0.31033	
				11.31450	45.42300	85.00000	0.0	0.0	0.45419	
				12.06880	45.42300	85.00000	0.0	0.0	0.59755	
				12.82310	45.42300	85.00000	0.0	0.0	0.74037	
				13.57740	45.42300	85.00000	0.0	0.0	0.88258	
				14.33170	45.42300	85.00000	0.0058778	-0.0022767	1.0289	
				15.08600	45.42300	85.00000	0.20673	-0.083542	1.2066	
				15.84030	45.42300	85.00000	0.49216	-0.20725	1.3718	
				16.59460	45.42300	85.00000	0.80062	-0.35255	1.5395	
				17.34890	45.42300	85.00000	1.1070	-0.51097	1.6991	
				18.10320	45.42300	85.00000	1.4113	-0.68432	1.8746	
				18.85750	45.42300	85.00000	1.7137	-0.87470	2.0646	
				19.61180	45.42300	85.00000	2.0138	-1.0845	2.2725	
				20.36610	45.42300	85.00000	2.3424	-1.2916	2.5063	
				21.12040	45.42300	85.00000	2.7056	-1.4918	2.7729	
				21.87470	45.42300	85.00000	3.0842	-1.7006	3.0723	
				22.62900	45.42300	85.00000	3.4789	-1.9182	3.4061	
				23.38330	45.42300	85.00000	3.8901	-2.1449	3.7749	
				24.13760	45.42300	85.00000	4.0944	-2.2575	4.0725	
				24.89190	45.42300	85.00000	4.2814	-2.3606	4.3625	
				25.64620	45.42300	85.00000	4.4525	-2.4550	4.6380	
				26.40050	45.42300	85.00000	4.6081	-2.5408	4.8924	
				27.15480	45.42300	85.00000	4.7257	-2.7005	5.1579	
				27.90910	45.42300	85.00000	4.7475	-2.9940	5.4480	
				28.66340	45.42300	85.00000	4.6654	-3.3237	5.7000	
				29.41770	45.42300	85.00000	4.4483	-3.6978	5.9036	
				30.17200	45.42300	85.00000	4.0584	-4.1248	6.0493	
				30.92630	45.42300	85.00000	3.4544	-4.6122	6.1304	
				31.68060	45.42300	85.00000	2.6470	-5.2404	6.2101	
				32.43490	45.42300	85.00000	1.7191	-6.1500	6.4156	
				33.18920	45.42300	85.00000	0.61341	-7.1145	6.5979	
				33.94350	45.42300	85.00000	-0.18372	-7.8350	6.7563	
				34.69780	45.42300	85.00000	-0.18979	-8.0939	6.9158	
				35.45210	45.42300	85.00000	-1.9585	-8.3523	7.0751	
				36.20640	45.42300	85.00000	-0.20189	-8.6100	7.2344	
				36.96070	45.42300	85.00000	-0.20792	-8.8670	7.3934	
				37.71500	45.42300	85.00000	-0.20882	-8.9055	7.4198	
				38.46930	45.42300	85.00000	-0.20496	-8.7409	7.3228	
				39.22360	45.42300	85.00000	-0.20111	-8.5768	7.2258	
				39.97790	45.42300	85.00000	-0.19727	-8.4129	7.1288	
				40.73220	45.42300	85.00000	-0.19344	-8.2495	7.0319	
				41.48650	45.42300	85.00000	-1.1727	-7.6656	6.8897	
				42.24080	45.42300	85.00000	-2.4484	-6.90		



Highgate Cemetery
B1

A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				42.99510	45.42300	85.00000	-3.6147	-6.4932	6.7351
				43.74940	45.42300	85.00000	-4.5019	-6.0790	6.6842
				44.50370	45.42300	85.00000	-4.4595	-6.0032	6.6234
				45.25800	45.42300	85.00000	-4.4012	-5.9247	6.5342
				46.01230	45.42300	85.00000	-4.3375	-5.8390	6.4176
				46.76660	45.42300	85.00000	-4.0763	-5.4874	6.0842
				47.52090	45.42300	85.00000	-3.7609	-5.0627	5.6906
				48.27520	45.42300	85.00000	-3.4586	-4.6558	5.3100
				49.02950	45.42300	85.00000	-3.3064	-4.1627	4.9843
				49.78380	45.42300	85.00000	-3.2590	-3.6203	4.6910
				50.53810	45.42300	85.00000	-3.1738	-3.1378	4.3897
				51.29240	45.42300	85.00000	-3.0562	-2.7104	4.0857
				52.04670	45.42300	85.00000	-2.9116	-2.3326	3.7844
				52.80100	45.42300	85.00000	-2.7443	-1.9986	3.4902
				53.55530	45.42300	85.00000	-2.5582	-1.7033	3.2071
				54.30960	45.42300	85.00000	-2.3566	-1.4416	2.9381
				55.06390	45.42300	85.00000	-2.1431	-1.2099	2.6860
				55.81820	45.42300	85.00000	-1.9375	-1.0144	2.4566
				56.57250	45.42300	85.00000	-1.7163	-0.83750	2.2422
				57.32680	45.42300	85.00000	-1.4816	-0.67681	2.0433
				58.08110	45.42300	85.00000	-1.2351	-0.53022	1.8590
				58.83540	45.42300	85.00000	-0.97802	-0.39590	1.6870
				59.58970	45.42300	85.00000	-0.71144	-0.27228	1.5234
				60.34400	45.42300	85.00000	-0.43612	-0.15800	1.3630
				61.09830	45.42300	85.00000	-0.17985	-0.061559	1.1987
				61.85260	45.42300	85.00000	0.0	0.0	1.0193
				62.60690	45.42300	85.00000	0.0	0.0	0.87664
				63.36120	45.42300	85.00000	0.0	0.0	0.73334
				64.11550	45.42300	85.00000	0.0	0.0	0.58951
				64.86980	45.42300	85.00000	0.0	0.0	0.44520
				65.62410	45.42300	85.00000	0.0	0.0	0.30047
				66.37840	45.42300	85.00000	0.0	0.0	0.15535
				67.13270	45.42300	85.00000	0.0	0.0	0.0098672
				67.88700	45.42300	85.00000	0.0	0.0	0.0
				68.64130	45.42300	85.00000	0.0	0.0	0.0
				69.39560	45.42300	85.00000	0.0	0.0	0.0
				70.14990	45.42300	85.00000	0.0	0.0	0.0
				70.90420	45.42300	85.00000	0.0	0.0	0.0
				71.65850	45.42300	85.00000	0.0	0.0	0.0
				72.41280	45.42300	85.00000	0.0	0.0	0.0
				73.16710	45.42300	85.00000	0.0	0.0	0.0
				73.92140	45.42300	85.00000	0.0	0.0	0.0
				74.67570	45.42300	85.00000	0.0	0.0	0.0
				75.43000	45.42300	85.00000	0.0	0.0	0.0
				0.00000	46.14400	85.00000	0.0	0.0	0.0
				0.75430	46.14400	85.00000	0.0	0.0	0.0
				1.50860	46.14400	85.00000	0.0	0.0	0.0
				2.26290	46.14400	85.00000	0.0	0.0	0.0
				3.01720	46.14400	85.00000	0.0	0.0	0.0
				3.77150	46.14400	85.00000	0.0	0.0	0.0
				4.52580	46.14400	85.00000	0.0	0.0	0.0
				5.28010	46.14400	85.00000	0.0	0.0	0.0
				6.03440	46.14400	85.00000	0.0	0.0	0.0
				6.78870	46.14400	85.00000	0.0	0.0	0.0
				7.54300	46.14400	85.00000	0.0	0.0	0.0
				8.29730	46.14400	85.00000	0.0	0.0	0.0
				9.05160	46.14400	85.00000	0.0	0.0	0.0
				9.80590	46.14400	85.00000	0.0	0.0	0.12259
				10.56020	46.14400	85.00000	0.0	0.0	0.26551
				11.31450	46.14400	85.00000	0.0	0.0	0.40789
				12.06880	46.14400	85.00000	0.0	0.0	0.54969
				12.82310	46.14400	85.00000	0.0	0.0	0.69084
				13.57740	46.14400	85.00000	0.0	0.0	0.83128
				14.33170	46.14400	85.00000	0.0	0.0	0.97093
				15.08600	46.14400	85.00000	0.12813	-0.057113	1.1391
				15.84030	46.14400	85.00000	0.36495	-0.16954	1.3055
				16.59460	46.14400	85.00000	0.66748	-0.32380	1.4648
				17.34890	46.14400	85.00000	0.96728	-0.49124	1.6246
				18.10320	46.14400	85.00000	1.2643	-0.67359	1.7912
				18.85750	46.14400	85.00000	1.5699	-0.86561	1.9710
				19.61180	46.14400	85.00000	1.9093	-1.0527	2.1735
				20.36610	46.14400	85.00000	2.2631	-1.2478	2.4016
				21.12040	46.14400	85.00000	2.6318	-1.4511	2.6595
				21.87470	46.14400	85.00000	3.0158	-1.6628	2.9504
				22.62900	46.14400	85.00000	3.2828	-1.8100	3.2307
				23.38330	46.14400	85.00000	3.4875	-1.9229	3.5035
				24.13760	46.14400	85.00000	3.6752	-2.0264	3.7767
				24.89190	46.14400	85.00000	3.8463	-2.1207	4.0440
				25.64620	46.14400	85.00000	4.0005	-2.2291	4.3096
				26.40050	46.14400	85.00000	4.1130	-2.4741	4.6235
				27.15480	46.14400	85.00000	4.1621	-2.7416	4.9219
				27.90910	46.14400	85.00000	4.1316	-3.0358	5.1952
				28.66340	46.14400	85.00000	4.0018	-3.3614	5.4342
				29.41770	46.14400	85.00000	3.7494	-3.7230	5.6298
				30.17200	46.14400	85.00000	3.3494	-4.1244	5.7742
				30.92630	46.14400	85.00000	2.7792	-4.5665	5.8622
				31.68060	46.14400	85.00000	2.1362	-5.2349	6.0519
				32.43490	46.14400	85.00000	1.3628	-5.9951	6.2445
				33.18920	46.14400	85.00000	0.47706	-6.7721	6.4068
				33.94350	46.14400	85.00000	-0.17274	-7.3669	6.5452
				34.69780	46.14400	85.00000	-0.77852	-7.6139	6.6992
				35.45210	46.14400	85.00000	-0.18428	-7.8591	6.8528
				36.20640	46.14400	85.00000	-0.19003	-8.1042	7.0061
				36.96070	46.14400	85.00000	-0.19576	-8.3487	7.1590
				37.71500	46.14400	85.00000	-0.19683	-8.3940	7.1883
				38.46930	46.14400	85.00000	-0.19314	-8.2371	7.0918
				39.22360	46.14400	85.00000	-0.18947	-8.0805	6.9954
				39.97790	46.14400	85.00000	-0.18581	-7.9242	6.8991
				40.73220	46.14400	85.00000	-0.18215	-7.7683	6.8031
				41.48650	46.14400	85.00000	-0.93717	-7.3028	6.6779
				42.24080	46.14400	85.00000	-1.9679	-6.6651	6.5074
				42.99510	46.14400	85.00000	-2.9261	-6.2339	6.4454
				43.74940	46.14400	85.00000	-3.7187	-5.8721	6.3791
				44.50370	46.14400	85.00000	-4.1516	-5.5887	6.2648
				45.25800	46.14400	85.00000	-4.0943	-5.5116	6.1528
				46.01230	46.14400	85.00000	-4.0315	-5.4271	6.0167
				46.76660	46.14400	85.00000	-3.9542	-5.3229	5.8498
				47.52090	46.14400	85.00000	-3.6448	-4.9065	5.4540
				48.27520	46.14400	85.00000	-3.3485	-4.5076	5.0751
				49.02950	46.14400	85.00000	-3.0652	-4.1262	4.7158
				49.78380	46.14400	85.00000	-2.7949	-3.6468	4.4269
				50.53810	46.14400	85.00000	-2.9014	-3.1834	4.1462
				51.29240	46.14400	85.00000	-2.7977	-2.7664	3.8630
				52.04670	46.14400	85.00000	-2.6681	-2.3925	3.5823
				52.80100	46.14400	85.00000	-2.5162	-2.0580	3.3083
				53.55530	46.14400	85.00000	-2.3454	-1.7587	3.0446
				54.30960	46.14400	85.00000	-2.1585	-1.4908	2.7942
				55.06390	46.14400	85.00000	-1.9581	-1.2509	2.5589
				55.81820	46.14400	85.00000	-1.7460	-1.0356	2.3399
				56.57250	46.14400	85.00000	-1.5294	-0.84514	2.1383
				57.32680	46.14400	85.00000	-1.3100	-0.67723	1.9529
				58.08110	46.14400	85.00000	-1.0779	-0.52329	1.7797
				58.83540	46.14400	85.00000	-0.83438	-0.38164	1.6161
				59.58970	46.14400	85.00000	-0.58043	-0.25078	1.4581
				60.34400	46.14400	85.00000	-0.31687	-0.12938	1.3003
				61.09830	46.14400	85.00000	-0.11026	-0.042626	1.1357
				61.85260	46.14400	85.00000	0.0	0.0	0.96930
				62.60690	46.14400	85.00000	0.0	0.0	0.82839
				63.36120	46.14400	85.00000	0.0	0.0	0.68677
				64.11550	46.14400	85.00000	0.0	0.0	0.54452



Highgate Cemetery
B1

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				64.86980	46.14400	85.00000	0.0	0.0	0.40169
				65.62410	46.14400	85.00000	0.0	0.0	0.25834
				66.37840	46.14400	85.00000	0.0	0.0	0.11452
				67.13270	46.14400	85.00000	0.0	0.0	0.0
				67.88700	46.14400	85.00000	0.0	0.0	0.0
				68.64130	46.14400	85.00000	0.0	0.0	0.0
				69.39560	46.14400	85.00000	0.0	0.0	0.0
				70.14990	46.14400	85.00000	0.0	0.0	0.0
				70.90420	46.14400	85.00000	0.0	0.0	0.0
				71.65850	46.14400	85.00000	0.0	0.0	0.0
				72.41280	46.14400	85.00000	0.0	0.0	0.0
				73.16710	46.14400	85.00000	0.0	0.0	0.0
				73.92140	46.14400	85.00000	0.0	0.0	0.0
				74.67570	46.14400	85.00000	0.0	0.0	0.0
				75.43000	46.14400	85.00000	0.0	0.0	0.0
				0.00000	46.86500	85.00000	0.0	0.0	0.0
				0.75430	46.86500	85.00000	0.0	0.0	0.0
				1.50860	46.86500	85.00000	0.0	0.0	0.0
				2.26290	46.86500	85.00000	0.0	0.0	0.0
				3.01720	46.86500	85.00000	0.0	0.0	0.0
				3.77150	46.86500	85.00000	0.0	0.0	0.0
				4.52580	46.86500	85.00000	0.0	0.0	0.0
				5.28010	46.86500	85.00000	0.0	0.0	0.0
				6.03440	46.86500	85.00000	0.0	0.0	0.0
				6.78870	46.86500	85.00000	0.0	0.0	0.0
				7.54300	46.86500	85.00000	0.0	0.0	0.0
				8.29730	46.86500	85.00000	0.0	0.0	0.0
				9.05160	46.86500	85.00000	0.0	0.0	0.0
				9.80590	46.86500	85.00000	0.0	0.0	0.075142
				10.56020	46.86500	85.00000	0.0	0.0	0.21658
				11.31450	46.86500	85.00000	0.0	0.0	0.35739
				12.06880	46.86500	85.00000	0.0	0.0	0.49753
				12.82310	46.86500	85.00000	0.0	0.0	0.63691
				13.57740	46.86500	85.00000	0.0	0.0	0.77547
				14.33170	46.86500	85.00000	0.0	0.0	0.91311
				15.08600	46.86500	85.00000	0.042535	-0.020671	1.0628
				15.84030	46.86500	85.00000	0.23653	-0.11980	1.2321
				16.59460	46.86500	85.00000	0.52410	-0.27686	1.3904
				17.34890	46.86500	85.00000	0.81808	-0.45106	1.5457
				18.10320	46.86500	85.00000	1.1366	-0.62666	1.7085
				18.85750	46.86500	85.00000	1.4683	-0.80960	1.8843
				19.61180	46.86500	85.00000	1.8139	-1.0001	2.0790
				20.36610	46.86500	85.00000	2.1736	-1.1985	2.2981
				21.12040	46.86500	85.00000	2.4834	-1.3693	2.5310
				21.87470	46.86500	85.00000	2.7087	-1.4935	2.7642
				22.62900	46.86500	85.00000	2.9158	-1.6077	3.0076
				23.38330	46.86500	85.00000	3.1052	-1.7121	3.2570
				24.13760	46.86500	85.00000	3.2773	-1.8070	3.5070
				24.89190	46.86500	85.00000	3.4415	-2.0061	3.7998
				25.64620	46.86500	85.00000	3.5659	-2.2337	4.0992
				26.40050	46.86500	85.00000	3.6388	-2.4789	4.3923
				27.15480	46.86500	85.00000	3.6491	-2.7442	4.6712
				27.90910	46.86500	85.00000	3.5833	-3.0326	4.9276
				28.66340	46.86500	85.00000	3.4264	-3.3466	5.1531
				29.41770	46.86500	85.00000	3.1621	-3.6884	5.3400
				30.17200	46.86500	85.00000	2.7748	-4.0584	5.4817
				30.92630	46.86500	85.00000	2.2928	-4.5221	5.6302
				31.68060	46.86500	85.00000	1.7502	-5.1331	5.8357
				32.43490	46.86500	85.00000	1.1025	-5.7732	6.0128
				33.18920	46.86500	85.00000	0.37985	-6.4111	6.1561
				33.94350	46.86500	85.00000	-0.16207	-6.9118	6.2757
				34.69780	46.86500	85.00000	-0.16755	-7.1456	6.4209
				35.45210	46.86500	85.00000	-0.17302	-7.3788	6.5656
				36.20640	46.86500	85.00000	-0.17847	-7.6114	6.7099
				36.96070	46.86500	85.00000	-0.18391	-7.8434	6.8537
				37.71500	46.86500	85.00000	-0.18511	-7.8946	6.8850
				38.46930	46.86500	85.00000	-0.18161	-7.7452	6.7913
				39.22360	46.86500	85.00000	-0.17812	-7.5961	6.6980
				39.97790	46.86500	85.00000	-0.17463	-7.4475	6.6048
				40.73220	46.86500	85.00000	-0.17115	-7.2991	6.5119
				41.48650	46.86500	85.00000	-0.16511	-6.9189	6.4017
				42.24080	46.86500	85.00000	-1.6145	-6.3892	6.2484
				42.99510	46.86500	85.00000	-2.3983	-5.9413	6.1233
				43.74940	46.86500	85.00000	-3.0958	-5.6256	6.0471
				44.50370	46.86500	85.00000	-3.6417	-5.3000	5.9145
				45.25800	46.86500	85.00000	-3.7989	-5.1139	5.7642
				46.01230	46.86500	85.00000	-3.7369	-5.0304	5.6139
				46.76660	46.86500	85.00000	-3.6691	-4.9391	5.4447
				47.52090	46.86500	85.00000	-3.5225	-4.7418	5.1947
				48.27520	46.86500	85.00000	-3.2320	-4.3508	4.8216
				49.02950	46.86500	85.00000	-2.9543	-3.9770	4.4706
				49.78380	46.86500	85.00000	-2.7076	-3.6108	4.1484
				50.53810	46.86500	85.00000	-2.6425	-3.1710	3.8901
				51.29240	46.86500	85.00000	-2.5495	-2.7697	3.6294
				52.04670	46.86500	85.00000	-2.4320	-2.4051	3.3708
				52.80100	46.86500	85.00000	-2.2929	-2.0750	3.1184
				53.55530	46.86500	85.00000	-2.1352	-1.7765	2.8753
				54.30960	46.86500	85.00000	-1.9613	-1.5067	2.6443
				55.06390	46.86500	85.00000	-1.7735	-1.2629	2.4269
				55.81820	46.86500	85.00000	-1.5735	-1.0424	2.2241
				56.57250	46.86500	85.00000	-1.3629	-0.84262	2.0356
				57.32680	46.86500	85.00000	-1.1430	-0.66141	1.8603
				58.08110	46.86500	85.00000	-0.92035	-0.49991	1.6968
				58.83540	46.86500	85.00000	-0.68926	-0.35254	1.5408
				59.58970	46.86500	85.00000	-0.44703	-0.21583	1.3875
				60.34400	46.86500	85.00000	-0.19968	-0.09049	1.2312
				61.09830	46.86500	85.00000	-0.038993	-0.016861	1.0648
				61.85260	46.86500	85.00000	0.0	0.0	0.91455
				62.60690	46.86500	85.00000	0.0	0.0	0.77556
				63.36120	46.86500	85.00000	0.0	0.0	0.63573
				64.11550	46.86500	85.00000	0.0	0.0	0.49516
				64.86980	46.86500	85.00000	0.0	0.0	0.35392
				65.62410	46.86500	85.00000	0.0	0.0	0.21207
				66.37840	46.86500	85.00000	0.0	0.0	0.069653
				67.13270	46.86500	85.00000	0.0	0.0	0.0
				67.88700	46.86500	85.00000	0.0	0.0	0.0
				68.64130	46.86500	85.00000	0.0	0.0	0.0
				69.39560	46.86500	85.00000	0.0	0.0	0.0
				70.14990	46.86500	85.00000	0.0	0.0	0.0
				70.90420	46.86500	85.00000	0.0	0.0	0.0
				71.65850	46.86500	85.00000	0.0	0.0	0.0
				72.41280	46.86500	85.00000	0.0	0.0	0.0
				73.16710	46.86500	85.00000	0.0	0.0	0.0
				73.92140	46.86500	85.00000	0.0	0.0	0.0
				74.67570	46.86500	85.00000	0.0	0.0	0.0
				75.43000	46.86500	85.00000	0.0	0.0	0.0
				0.00000	47.58600	85.00000	0.0	0.0	0.0
				0.75430	47.58600	85.00000	0.0	0.0	0.0
				1.50860	47.58600	85.00000	0.0	0.0	0.0
				2.26290	47.58600	85.00000	0.0	0.0	0.0
				3.01720	47.58600	85.00000	0.0	0.0	0.0
				3.77150	47.58600	85.00000	0.0	0.0	0.0
				4.52580	47.58600	85.00000	0.0	0.0	0.0
				5.28010	47.58600	85.00000	0.0	0.0	0.0
				6.03440	47.58600	85.00000	0.0	0.0	0.0
				6.78870	47.58600	85.00000	0.0	0.0	0.0
				7.54300	47.58600	85.00000	0.0	0.0	0.0
				8.29730	47.58600	85.00000	0.0	0.0	0.0
				9.05160	47.58600	85.00000	0.0	0.0	0.0
				9.80590	47.58600	85.00000	0.0	0.0	0.023809

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD						Job No.		Sheet No.		Rev.	
						3500					
						Drg. Ref.					
						Made by PES		Date 01-Nov-2024		Checked Date	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz		
				[m]	[m]	[m]	[mm]	[mm]	[mm]		
				10.56020	47.58600	85.00000	0.0	0.0	0.16368		
				11.31450	47.58600	85.00000	0.0	0.0	0.30284		
				12.06880	47.58600	85.00000	0.0	0.0	0.44122		
				12.82310	47.58600	85.00000	0.0	0.0	0.57874		
				13.57740	47.58600	85.00000	0.0	0.0	0.71533		
				14.33170	47.58600	85.00000	0.0	0.0	0.85087		
				15.08600	47.58600	85.00000	0.0	0.0	0.98526		
				15.84030	47.58600	85.00000	0.14103	-0.077045	1.1506		
				16.59460	47.58600	85.00000	0.38010	-0.20958	1.3117		
				17.34890	47.58600	85.00000	0.69272	-0.38194	1.4688		
				18.10320	47.58600	85.00000	1.0179	-0.56127	1.6290		
				18.85750	47.58600	85.00000	1.3562	-0.74779	1.7994		
				19.61180	47.58600	85.00000	1.6890	-0.93128	1.9834		
				20.36610	47.58600	85.00000	1.9378	-1.0684	2.1708		
				21.12040	47.58600	85.00000	2.1672	-1.1949	2.3717		
				21.87470	47.58600	85.00000	2.3777	-1.3110	2.5846		
				22.62900	47.58600	85.00000	2.5698	-1.4169	2.8068		
				23.38330	47.58600	85.00000	2.7598	-1.5731	3.0549		
				24.13760	47.58600	85.00000	2.9315	-1.7733	3.3250		
				24.89190	47.58600	85.00000	3.0674	-1.9856	3.6017		
				25.64620	47.58600	85.00000	3.1608	-2.2117	3.8793		
				26.40050	47.58600	85.00000	3.2037	-2.4533	4.1512		
				27.15480	47.58600	85.00000	3.1867	-2.7122	4.4105		
				27.90910	47.58600	85.00000	3.0993	-2.9900	4.6496		
				28.66340	47.58600	85.00000	2.9304	-3.2879	4.8612		
				29.41770	47.58600	85.00000	2.6691	-3.6062	5.0385		
				30.17200	47.58600	85.00000	2.3067	-3.9434	5.1760		
				30.92630	47.58600	85.00000	1.9203	-4.4366	5.3837		
				31.68060	47.58600	85.00000	1.4507	-4.9677	5.5738		
				32.43490	47.58600	85.00000	0.90524	-5.5109	5.7342		
				33.18920	47.58600	85.00000	0.30750	-6.0422	5.8597		
				33.94350	47.58600	85.00000	-0.15169	-6.4691	5.9618		
				34.69780	47.58600	85.00000	-0.15688	-6.6903	6.0959		
				35.45210	47.58600	85.00000	-0.16205	-6.9109	6.2295		
				36.20640	47.58600	85.00000	-0.16721	-7.1309	6.3624		
				36.96070	47.58600	85.00000	-0.17235	-7.3503	6.4948		
				37.71500	47.58600	85.00000	-0.17367	-7.4065	6.5272		
				38.46930	47.58600	85.00000	-0.17034	-7.2647	6.4384		
				39.22360	47.58600	85.00000	-0.16703	-7.1232	6.3498		
				39.97790	47.58600	85.00000	-0.16372	-6.9820	6.2616		
				40.73220	47.58600	85.00000	-0.16042	-6.8412	6.1736		
				41.48650	47.58600	85.00000	-0.63425	-6.5250	6.0767		
				42.24080	47.58600	85.00000	-1.3420	-6.0795	5.9405		
				42.99510	47.58600	85.00000	-1.9848	-5.6282	5.7760		
				43.74940	47.58600	85.00000	-2.5940	-5.3521	5.6945		
				44.50370	47.58600	85.00000	-3.0872	-5.0614	5.5627		
				45.25800	47.58600	85.00000	-3.4620	-4.7631	5.3836		
				46.01230	47.58600	85.00000	-3.4533	-4.6487	5.2164		
				46.76660	47.58600	85.00000	-3.3859	-4.5580	5.0407		
				47.52090	47.58600	85.00000	-3.3126	-4.4593	4.8513		
				48.27520	47.58600	85.00000	-3.1088	-4.1850	4.5541		
				49.02950	47.58600	85.00000	-2.8367	-3.8187	4.2147		
				49.78380	47.58600	85.00000	-2.5772	-3.4694	3.9001		
				50.53810	47.58600	85.00000	-2.3963	-3.1082	3.6277		
				51.29240	47.58600	85.00000	-2.3115	-2.7259	3.3904		
				52.04670	47.58600	85.00000	-2.2036	-2.3745	3.1548		
				52.80100	47.58600	85.00000	-2.0752	-2.0526	2.9246		
				53.55530	47.58600	85.00000	-1.9286	-1.7586	2.7027		
				54.30960	47.58600	85.00000	-1.7660	-1.4905	2.4915		
				55.06390	47.58600	85.00000	-1.5893	-1.2460	2.2923		
				55.81820	47.58600	85.00000	-1.4001	-1.0232	2.1057		
				56.57250	47.58600	85.00000	-1.1999	-0.81981	1.9313		
				57.32680	47.58600	85.00000	-0.98986	-0.63406	1.7675		
				58.08110	47.58600	85.00000	-0.77089	-0.46413	1.6120		
				58.83540	47.58600	85.00000	-0.54376	-0.30837	1.4613		
				59.58970	47.58600	85.00000	-0.31223	-0.16708	1.3113		
				60.34400	47.58600	85.00000	-0.12071	-0.061037	1.1551		
				61.09830	47.58600	85.00000	0.0	0.0	0.99122		
				61.85260	47.58600	85.00000	0.0	0.0	0.85529		
				62.60690	47.58600	85.00000	0.0	0.0	0.71831		
				63.36120	47.58600	85.00000	0.0	0.0	0.58038		
				64.11550	47.58600	85.00000	0.0	0.0	0.44160		
				64.86980	47.58600	85.00000	0.0	0.0	0.30204		
				65.62410	47.58600	85.00000	0.0	0.0	0.16177		
				66.37840	47.58600	85.00000	0.0	0.0	0.020853		
				67.13270	47.58600	85.00000	0.0	0.0	0.0		
				67.88700	47.58600	85.00000	0.0	0.0	0.0		
				68.64130	47.58600	85.00000	0.0	0.0	0.0		
				69.39560	47.58600	85.00000	0.0	0.0	0.0		
				70.14990	47.58600	85.00000	0.0	0.0	0.0		
				70.90420	47.58600	85.00000	0.0	0.0	0.0		
				71.65850	47.58600	85.00000	0.0	0.0	0.0		
				72.41280	47.58600	85.00000	0.0	0.0	0.0		
				73.16710	47.58600	85.00000	0.0	0.0	0.0		
				73.92140	47.58600	85.00000	0.0	0.0	0.0		
				74.67570	47.58600	85.00000	0.0	0.0	0.0		
				75.43000	47.58600	85.00000	0.0	0.0	0.0		
				0.00000	48.30700	85.00000	0.0	0.0	0.0		
				0.75430	48.30700	85.00000	0.0	0.0	0.0		
				1.50860	48.30700	85.00000	0.0	0.0	0.0		
				2.26290	48.30700	85.00000	0.0	0.0	0.0		
				3.01720	48.30700	85.00000	0.0	0.0	0.0		
				3.77150	48.30700	85.00000	0.0	0.0	0.0		
				4.52580	48.30700	85.00000	0.0	0.0	0.0		
				5.28010	48.30700	85.00000	0.0	0.0	0.0		
				6.03440	48.30700	85.00000	0.0	0.0	0.0		
				6.78870	48.30700	85.00000	0.0	0.0	0.0		
				7.54300	48.30700	85.00000	0.0	0.0	0.0		
				8.29730	48.30700	85.00000	0.0	0.0	0.0		
				9.05160	48.30700	85.00000	0.0	0.0	0.0		
				9.80590	48.30700	85.00000	0.0	0.0	0.0		
				10.56020	48.30700	85.00000	0.0	0.0	0.10694		
				11.31450	48.30700	85.00000	0.0	0.0	0.24437		
				12.06880	48.30700	85.00000	0.0	0.0	0.38092		
				12.82310	48.30700	85.00000	0.0				



Highgate Cemetery
B1

A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				32.43490	48.30700	85.00000	0.75139	-5.2237	5.4215
				33.18920	48.30700	85.00000	0.25188	-5.6711	5.5306
				33.94350	48.30700	85.00000	-0.14158	-6.0380	5.6165
				34.69780	48.30700	85.00000	-0.14647	-6.2467	5.7379
				35.45210	48.30700	85.00000	-0.15135	-6.4547	5.8586
				36.20640	48.30700	85.00000	-0.15621	-6.6620	5.9787
				36.96070	48.30700	85.00000	-0.16106	-6.8688	6.0982
				37.71500	48.30700	85.00000	-0.16248	-6.9292	6.1307
				38.46930	48.30700	85.00000	-0.15933	-6.7948	6.0480
				39.22360	48.30700	85.00000	-0.15619	-6.6608	5.9657
				39.97790	48.30700	85.00000	-0.15305	-6.5272	5.8837
				40.73220	48.30700	85.00000	-0.14993	-6.3940	5.8021
				41.48650	48.30700	85.00000	-0.53162	-6.1272	5.7172
				42.24080	48.30700	85.00000	-1.1265	-5.7489	5.5973
				42.99510	48.30700	85.00000	-1.6702	-5.3485	5.4409
				43.74940	48.30700	85.00000	-2.1845	-5.0606	5.3283
				44.50370	48.30700	85.00000	-2.6246	-4.8010	5.2000
				45.25800	48.30700	85.00000	-2.9697	-4.5302	5.0298
				46.01230	48.30700	85.00000	-3.1806	-4.2816	4.8300
				46.76660	48.30700	85.00000	-3.1135	-4.1913	4.6517
				47.52090	48.30700	85.00000	-3.0404	-4.0928	4.4626
				48.27520	48.30700	85.00000	-2.9610	-3.9860	4.2650
				49.02950	48.30700	85.00000	-2.7121	-3.6509	3.9525
				49.78380	48.30700	85.00000	-2.4579	-3.3087	3.6532
				50.53810	48.30700	85.00000	-2.2161	-2.9831	3.3793
				51.29240	48.30700	85.00000	-2.0831	-2.6404	3.1510
				52.04670	48.30700	85.00000	-1.9828	-2.3047	2.9386
				52.80100	48.30700	85.00000	-1.8631	-1.9941	2.7307
				53.55530	48.30700	85.00000	-1.7259	-1.7076	2.5300
				54.30960	48.30700	85.00000	-1.5730	-1.4438	2.3385
				55.06390	48.30700	85.00000	-1.4061	-1.2014	2.1571
				55.81820	48.30700	85.00000	-1.2266	-0.97870	1.9863
				56.57250	48.30700	85.00000	-1.0358	-0.77403	1.8252
				57.32680	48.30700	85.00000	-0.83477	-0.58581	1.6721
				58.08110	48.30700	85.00000	-0.62441	-0.41254	1.5245
				58.83540	48.30700	85.00000	-0.40544	-0.25277	1.3785
				59.58970	48.30700	85.00000	-0.18397	-0.10845	1.2293
				60.34400	48.30700	85.00000	-0.041674	-0.023226	1.0710
				61.09830	48.30700	85.00000	0.0	0.0	0.92541
				61.85260	48.30700	85.00000	0.0	0.0	0.79171
				62.60690	48.30700	85.00000	0.0	0.0	0.65693
				63.36120	48.30700	85.00000	0.0	0.0	0.52088
				64.11550	48.30700	85.00000	0.0	0.0	0.38397
				64.86980	48.30700	85.00000	0.0	0.0	0.24617
				65.62410	48.30700	85.00000	0.0	0.0	0.10757
				66.37840	48.30700	85.00000	0.0	0.0	0.0
				67.13270	48.30700	85.00000	0.0	0.0	0.0
				67.88700	48.30700	85.00000	0.0	0.0	0.0
				68.64130	48.30700	85.00000	0.0	0.0	0.0
				69.39560	48.30700	85.00000	0.0	0.0	0.0
				70.14990	48.30700	85.00000	0.0	0.0	0.0
				70.90420	48.30700	85.00000	0.0	0.0	0.0
				71.65850	48.30700	85.00000	0.0	0.0	0.0
				72.41280	48.30700	85.00000	0.0	0.0	0.0
				73.16710	48.30700	85.00000	0.0	0.0	0.0
				73.92140	48.30700	85.00000	0.0	0.0	0.0
				74.67570	48.30700	85.00000	0.0	0.0	0.0
				75.43000	48.30700	85.00000	0.0	0.0	0.0
				0.00000	49.02800	85.00000	0.0	0.0	0.0
				0.75430	49.02800	85.00000	0.0	0.0	0.0
				1.50860	49.02800	85.00000	0.0	0.0	0.0
				2.26290	49.02800	85.00000	0.0	0.0	0.0
				3.01720	49.02800	85.00000	0.0	0.0	0.0
				3.77150	49.02800	85.00000	0.0	0.0	0.0
				4.52580	49.02800	85.00000	0.0	0.0	0.0
				5.28010	49.02800	85.00000	0.0	0.0	0.0
				6.03440	49.02800	85.00000	0.0	0.0	0.0
				6.78870	49.02800	85.00000	0.0	0.0	0.0
				7.54300	49.02800	85.00000	0.0	0.0	0.0
				8.29730	49.02800	85.00000	0.0	0.0	0.0
				9.05160	49.02800	85.00000	0.0	0.0	0.0
				9.80590	49.02800	85.00000	0.0	0.0	0.0
				10.56020	49.02800	85.00000	0.0	0.0	0.046510
				11.31450	49.02800	85.00000	0.0	0.0	0.18214
				12.06880	49.02800	85.00000	0.0	0.0	0.31679
				12.82310	49.02800	85.00000	0.0	0.0	0.45038
				13.57740	49.02800	85.00000	0.0	0.0	0.58284
				14.33170	49.02800	85.00000	0.0	0.0	0.71495
				15.08600	49.02800	85.00000	0.0	0.0	0.84706
				15.84030	49.02800	85.00000	0.0	0.0	0.97917
				16.59460	49.02800	85.00000	0.14848	-0.081866	1.1459
				17.34890	49.02800	85.00000	0.39057	-0.21535	1.3080
				18.10320	49.02800	85.00000	0.67311	-0.37113	1.4599
				18.85750	49.02800	85.00000	0.93452	-0.51527	1.6104
				19.61180	49.02800	85.00000	1.1753	-0.64800	1.7653
				20.36610	49.02800	85.00000	1.3980	-0.77359	1.9284
				21.12040	49.02800	85.00000	1.6259	-0.93995	2.1104
				21.87470	49.02800	85.00000	1.8331	-1.1124	2.3053
				22.62900	49.02800	85.00000	2.0168	-1.2919	2.5129
				23.38330	49.02800	85.00000	2.1739	-1.4791	2.7319
				24.13760	49.02800	85.00000	2.3004	-1.6749	2.9598
				24.89190	49.02800	85.00000	2.3919	-1.8802	3.1930
				25.64620	49.02800	85.00000	2.4434	-2.0958	3.4270
				26.40050	49.02800	85.00000	2.4494	-2.3224	3.6566
				27.15480	49.02800	85.00000	2.4040	-2.5604	3.8764
				27.90910	49.02800	85.00000	2.3015	-2.8098	4.0804
				28.66340	49.02800	85.00000	2.1364	-3.0699	4.2630
				29.41770	49.02800	85.00000	1.9068	-3.3423	4.4213
				30.17200	49.02800	85.00000	1.6677	-3.7227	4.6216
				30.92630	49.02800	85.00000	1.3706	-4.1190	4.8022
				31.68060	49.02800	85.00000	1.0209	-4.5224	4.9585
				32.43490	49.02800	85.00000	0.62860	-4.9212	5.0859
				33.18920	49.02800	85.00000	0.20806	-5.3010	5.1800
				33.94350	49.02800	85.00000	-0.13173	-5.6180	5.2512
				34.69780	49.02800	85.00000	-0.13633	-5.8140	5.3589
				35.45210	49.02800	85.00000	-0.14091	-6.0094	5.4659
				36.20640	49.02800	85.00000	-0.14548	-6.2042	5.5722
				36.96070	49.02800	85.00000	-0.15003	-6.3983	5.6779
				37.71500	49.02800	85.00000	-0.15152	-6.4618	5.7096
				38.46930	49.02800	85.00000	-0.14854	-6.3350	5.6341
				39.22360	49.02800	85.00000	-0.14558	-6.2085	5.5590
				39.97790	49.02800	85.00000	-0.14262	-6.0824	5.4842
				40.73220	49.02800	85.00000	-0.13967	-5.9567	5.4098
				41.48650	49.02800	85.00000	-0.44913	-5.7292	5.3359
				42.24080	49.02800	85.00000	-0.95214	-5.4056	5.2313
				42.99510	49.02800	85.00000	-1.4166	-5.0587	5.0917
				43.74940	49.02800	85.00000	-1.8463	-4.7573	4.9557
				44.50370	49.02800	85.00000	-2.2356	-4.5250	4.8329
				45.25800	49.02800	85.00000	-2.5483	-4.2795	4.6733
				46.01230	49.02800	85.00000	-2.7829	-4.0251	4.4811
				46.76660	49.02800	85.00000	-2.8517	-3.8388	4.2818
				47.52090	49.02800	85.00000	-2.7785	-3.7403	4.0958
				48.27520	49.02800	85.00000	-2.6991	-3.6334	3.9039
				49.02950	49.02800	85.00000	-2.5802	-3.4734	3.6886
				49.78380	49.02800	85.00000	-2.3311	-3.1380	3.4064
				50.53810	49.02800	85.00000	-2.0943	-2.8192	3.1497
				51.29240	49.02800	85.00000	-1.8696	-2.5168	2.9171
				52.04670	49.02800	85.00000	-1.7695	-2.2000	2.7261
				52.80100	49.02800	85.00000	-1.6569	-1.9025	2.5401
				53.55530	49.02800	85.00000	-1.5275	-1.6256	2.3600

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				54.30960	49.02800	85.00000	-1.3829	-1.3686	2.1874						
				55.06390	49.02800	85.00000	-1.2245	-1.1304	2.0231						
				55.81820	49.02800	85.00000	-1.0535	-0.90989	1.8670						
				56.57250	49.02800	85.00000	-0.87112	-0.70585	1.7181						
				57.32680	49.02800	85.00000	-0.67826	-0.51698	1.5744						
				58.08110	49.02800	85.00000	-0.47577	-0.34203	1.4331						
				58.83540	49.02800	85.00000	-0.26431	-0.17976	1.2901						
				59.58970	49.02800	85.00000	-0.10089	-0.064973	1.1403						
				60.34400	49.02800	85.00000	0.0	0.0	0.98538						
				61.09830	49.02800	85.00000	0.0	0.0	0.85542						
				61.85260	49.02800	85.00000	0.0	0.0	0.72401						
				62.60690	49.02800	85.00000	0.0	0.0	0.59131						
				63.36120	49.02800	85.00000	0.0	0.0	0.45741						
				64.11550	49.02800	85.00000	0.0	0.0	0.32244						
				64.86980	49.02800	85.00000	0.0	0.0	0.18648						
				65.62410	49.02800	85.00000	0.0	0.0	0.049621						
				66.37840	49.02800	85.00000	0.0	0.0	0.0						
				67.13270	49.02800	85.00000	0.0	0.0	0.0						
				67.88700	49.02800	85.00000	0.0	0.0	0.0						
				68.64130	49.02800	85.00000	0.0	0.0	0.0						
				69.39560	49.02800	85.00000	0.0	0.0	0.0						
				70.14990	49.02800	85.00000	0.0	0.0	0.0						
				70.90420	49.02800	85.00000	0.0	0.0	0.0						
				71.65850	49.02800	85.00000	0.0	0.0	0.0						
				72.41280	49.02800	85.00000	0.0	0.0	0.0						
				73.16710	49.02800	85.00000	0.0	0.0	0.0						
				73.92140	49.02800	85.00000	0.0	0.0	0.0						
				74.67570	49.02800	85.00000	0.0	0.0	0.0						
				75.43000	49.02800	85.00000	0.0	0.0	0.0						
				0.00000	49.74900	85.00000	0.0	0.0	0.0						
				0.75430	49.74900	85.00000	0.0	0.0	0.0						
				1.50860	49.74900	85.00000	0.0	0.0	0.0						
				2.26290	49.74900	85.00000	0.0	0.0	0.0						
				3.01720	49.74900	85.00000	0.0	0.0	0.0						
				3.77150	49.74900	85.00000	0.0	0.0	0.0						
				4.52580	49.74900	85.00000	0.0	0.0	0.0						
				5.28010	49.74900	85.00000	0.0	0.0	0.0						
				6.03440	49.74900	85.00000	0.0	0.0	0.0						
				6.78870	49.74900	85.00000	0.0	0.0	0.0						
				7.54300	49.74900	85.00000	0.0	0.0	0.0						
				8.29730	49.74900	85.00000	0.0	0.0	0.0						
				9.05160	49.74900	85.00000	0.0	0.0	0.0						
				9.80590	49.74900	85.00000	0.0	0.0	0.0						
				10.56020	49.74900	85.00000	0.0	0.0	0.0						
				11.31450	49.74900	85.00000	0.0	0.0	0.11629						
				12.06880	49.74900	85.00000	0.0	0.0	0.24899						
				12.82310	49.74900	85.00000	0.0	0.0	0.38110						
				13.57740	49.74900	85.00000	0.0	0.0	0.51321						
				14.33170	49.74900	85.00000	0.0	0.0	0.64532						
				15.08600	49.74900	85.00000	0.0	0.0	0.77743						
				15.84030	49.74900	85.00000	0.0	0.0	0.90954						
				16.59460	49.74900	85.00000	0.033066	-0.018232	1.0530						
				17.34890	49.74900	85.00000	0.22218	-0.12251	1.2190						
				18.10320	49.74900	85.00000	0.47377	-0.26122	1.3715						
				18.85750	49.74900	85.00000	0.72172	-0.39794	1.5191						
				19.61180	49.74900	85.00000	0.96578	-0.54971	1.6721						
				20.36610	49.74900	85.00000	1.1961	-0.71025	1.8319						
				21.12040	49.74900	85.00000	1.4074	-0.87569	2.0007						
				21.87470	49.74900	85.00000	1.5977	-1.0467	2.1800						
				22.62900	49.74900	85.00000	1.7644	-1.2238	2.3699						
				23.38330	49.74900	85.00000	1.9045	-1.4078	2.5696						
				24.13760	49.74900	85.00000	2.0148	-1.5992	2.7770						
				24.89190	49.74900	85.00000	2.0912	-1.7987	2.9890						
				25.64620	49.74900	85.00000	2.1299	-2.0067	3.2018						
				26.40050	49.74900	85.00000	2.1263	-2.2234	3.4108						
				27.15480	49.74900	85.00000	2.0761	-2.4488	3.6112						
				27.90910	49.74900	85.00000	1.9751	-2.6824	3.7978						
				28.66340	49.74900	85.00000	1.8199	-2.9231	3.9656						
				29.41770	49.74900	85.00000	1.6371	-3.2185	4.1419						
				30.17200	49.74900	85.00000	1.4241	-3.5610	4.3236						
				30.92630	49.74900	85.00000	1.1643	-3.9125	4.4863						
				31.68060	49.74900	85.00000	0.86305	-4.2653	4.6257						
				32.43490	49.74900	85.00000	0.52872	-4.6094	4.7376						
				33.18920	49.74900	85.00000	0.17283	-4.9337	4.8182						
				33.94350	49.74900	85.00000	-0.12213	-5.2083	4.8761						
				34.69780	49.74900	85.00000	-0.12643	-5.3917	4.9697						
				35.45210	49.74900	85.00000	-0.13071	-5.5744	5.0626						
				36.20640	49.74900	85.00000	-0.13498	-5.7566	5.1549						
				36.96070	49.74900	85.00000	-0.13924	-5.9381	5.2464						
				37.71500	49.74900	85.00000	-0.14078	-6.0039	5.2765						
				38.46930	49.74900	85.00000	-0.13798	-5.8845	5.2087						
				39.22360	49.74900	85.00000	-0.13519	-5.7655	5.1413						
				39.97790	49.74900	85.00000	-0.13241	-5.6469	5.0743						
				40.73220	49.74900	85.00000	-0.12964	-5.5287	5.0077						
				41.48650	49.74900	85.00000	-0.38148	-5.3330	4.9438						
				42.24080	49.74900	85.00000	-0.80863	-5.0547	4.8533						
				42.99510	49.74900	85.00000	-1.2059	-4.7529	4.7301						
				43.74940	49.74900	85.00000	-1.5639	-4.4463	4.5834						
				44.50370	49.74900	85.00000	-1.9061	-4.2381	4.4678						
				45.25800	49.74900	85.00000	-2.1857	-4.0153	4.3197						
				46.01230	49.74900	85.00000	-2.4004	-3.7818	4.1432						
				46.76660	49.74900	85.00000	-2.5506	-3.5409	3.9431						
				47.52090	49.74900	85.00000	-2.5268	-3.4015	3.7535						
				48.27520	49.74900	85.00000	-2.4471	-3.2942	3.5694						
				49.02950	49.74900	85.00000	-2.3609	-3.1781	3.3838						
				49.78380	49.74900	85.00000	-2.1968	-2.9572	3.1636						
				50.53810	49.74900	85.00000	-1.9647	-2.6448	2.9251						
				51.29240	49.74900	85.00000	-1.7448	-2.3487	2.7099						
				52.04670	49.74900	85.00000	-1.5631	-2.0639	2.5207						
				52.80100	49.74900	85.00000	-1.4563	-1.7809	2.3555						
				53.55530	49.74900	85.00000	-1.3334	-1.5152	2.1949						
				54.30960	49.74900	85.00000	-1.1959	-1.2665	2.0400						
				55.06390	49.74900	85.00000	-1.0448	-1.0343	1.8913						

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				0.00000	50.47000	85.00000	0.0	0.0	0.0						
				0.75430	50.47000	85.00000	0.0	0.0	0.0						
				1.50860	50.47000	85.00000	0.0	0.0	0.0						
				2.26290	50.47000	85.00000	0.0	0.0	0.0						
				3.01720	50.47000	85.00000	0.0	0.0	0.0						
				3.77150	50.47000	85.00000	0.0	0.0	0.0						
				4.52580	50.47000	85.00000	0.0	0.0	0.0						
				5.28010	50.47000	85.00000	0.0	0.0	0.0						
				6.03440	50.47000	85.00000	0.0	0.0	0.0						
				6.78870	50.47000	85.00000	0.0	0.0	0.0						
				7.54300	50.47000	85.00000	0.0	0.0	0.0						
				8.29730	50.47000	85.00000	0.0	0.0	0.0						
				9.05160	50.47000	85.00000	0.0	0.0	0.0						
				9.80590	50.47000	85.00000	0.0	0.0	0.0						
				10.56020	50.47000	85.00000	0.0	0.0	0.0						
				11.31450	50.47000	85.00000	0.0	0.0	0.047260						
				12.06880	50.47000	85.00000	0.0	0.0	0.17937						
				12.82310	50.47000	85.00000	0.0	0.0	0.31148						
				13.57740	50.47000	85.00000	0.0	0.0	0.44359						
				14.33170	50.47000	85.00000	0.0	0.0	0.57570						
				15.08600	50.47000	85.00000	0.0	0.0	0.70781						
				15.84030	50.47000	85.00000	0.0	0.0	0.83992						
				16.59460	50.47000	85.00000	0.0	0.0	0.97203						
				17.34890	50.47000	85.00000	0.10959	-0.060426	1.1302						
				18.10320	50.47000	85.00000	0.30006	-0.16859	1.2862						
				18.85750	50.47000	85.00000	0.54998	-0.32080	1.4355						
				19.61180	50.47000	85.00000	0.78375	-0.47635	1.5832						
				20.36610	50.47000	85.00000	0.99999	-0.63573	1.7338						
				21.12040	50.47000	85.00000	1.1970	-0.79945	1.8905						
				21.87470	50.47000	85.00000	1.3729	-0.96803	2.0552						
				22.62900	50.47000	85.00000	1.5253	-1.1420	2.2284						
				23.38330	50.47000	85.00000	1.6517	-1.3218	2.4097						
				24.13760	50.47000	85.00000	1.7491	-1.5078	2.5975						
				24.89190	50.47000	85.00000	1.8145	-1.7004	2.7891						
				25.64620	50.47000	85.00000	1.8445	-1.8997	2.9814						
				26.40050	50.47000	85.00000	1.8357	-2.1058	3.1704						
				27.15480	50.47000	85.00000	1.7848	-2.3181	3.3519						
				27.90910	50.47000	85.00000	1.6890	-2.5359	3.5214						
				28.66340	50.47000	85.00000	1.5517	-2.7670	3.6797						
				29.41770	50.47000	85.00000	1.4046	-3.0657	3.8567						
				30.17200	50.47000	85.00000	1.2167	-3.3736	4.0197						
				30.92630	50.47000	85.00000	0.99076	-3.6853	4.1648						
				31.68060	50.47000	85.00000	0.73152	-3.9942	4.2879						
				32.43490	50.47000	85.00000	0.44620	-4.2923	4.3854						
				33.18920	50.47000	85.00000	0.14407	-4.5703	4.4538						
				33.94350	50.47000	85.00000	-0.11275	-4.8083	4.5001						
				34.69780	50.47000	85.00000	-0.11675	-4.9790	4.5798						
				35.45210	50.47000	85.00000	-0.12074	-5.1491	4.6587						
				36.20640	50.47000	85.00000	-0.12471	-5.3186	4.7370						
				36.96070	50.47000	85.00000	-0.12867	-5.4875	4.8147						
				37.71500	50.47000	85.00000	-0.13025	-5.5546	4.8423						
				38.46930	50.47000	85.00000	-0.12762	-5.4428	4.7825						
				39.22360	50.47000	85.00000	-0.12501	-5.3312	4.7231						
				39.97790	50.47000	85.00000	-0.12240	-5.2201	4.6642						
				40.73220	50.47000	85.00000	-0.11980	-5.1093	4.6056						
				41.48650	50.47000	85.00000	-0.32509	-4.9399	4.5507						
				42.24080	50.47000	85.00000	-0.68867	-4.6996	4.4732						
				42.99510	50.47000	85.00000	-1.0287	-4.4362	4.3654						
				43.74940	50.47000	85.00000	-1.3348	-4.1569	4.2309						
				44.50370	50.47000	85.00000	-1.6247	-3.9436	4.1103						
				45.25800	50.47000	85.00000	-1.8723	-3.7412	3.9744						
				46.01230	50.47000	85.00000	-2.0654	-3.5269	3.8138						
				46.76660	50.47000	85.00000	-2.2034	-3.3037	3.6328						
				47.52090	50.47000	85.00000	-2.2851	-3.0761	3.4368						
				48.27520	50.47000	85.00000	-2.2050	-2.9682	3.2621						
				49.02950	50.47000	85.00000	-2.1181	-2.8514	3.0875						
				49.78380	50.47000	85.00000	-2.0246	-2.7254	2.9151						
				50.53810	50.47000	85.00000	-1.8273	-2.4598	2.7085						
				51.29240	50.47000	85.00000	-1.6118	-2.1698	2.5109						
				52.04670	50.47000	85.00000	-1.4082	-1.8957	2.3331						
				52.80100	50.47000	85.00000	-1.2610	-1.6322	2.1788						
				53.55530	50.47000	85.00000	-1.1435	-1.3787	2.0360						
				54.30960	50.47000	85.00000	-1.0119	-1.1397	1.8971						
				55.06390	50.47000	85.00000	-0.86713	-0.91473	1.7623						
				55.81820	50.47000	85.00000	-0.71014	-0.70351	1.6307						
				56.57250	50.47000	85.00000	-0.54178	-0.50538	1.5008						
				57.32680	50.47000	85.00000	-0.36279	-0.31962	1.3700						
				58.08110	50.47000	85.00000	-0.17692	-0.14794	1.2348						
				58.83540	50.47000	85.00000	-0.055145	-0.043643	1.0907						
				59.58970	50.47000	85.00000	0.0	0.0	0.95193						
				60.34400	50.47000	85.00000	0.0	0.0	0.82879						
				61.09830	50.47000	85.00000	0.0	0.0	0.70379						
				61.85260	50.47000	85.00000	0.0	0.0	0.57710						
				62.60690	50.47000	85.00000	0.0	0.0	0.44887						
				63.36120	50.47000	85.00000	0.0	0.0	0.31923						
				64.11550	50.47000	85.00000	0.0	0.0	0.18830						
				64.86980	50.47000	85.00000	0.0	0.0	0.056181						
				65.62410	50.47000	85.00000	0.0	0.0	0.0						
				66.37840	50.47000	85.00000	0.0	0.0	0.0						
				67.13270	50.47000	85.00000	0.0	0.0	0.0						
				67.88700	50.47000	85.00000	0.0	0.0	0.0						
				68.64130	50.47000	85.00000	0.0	0.0	0.0						
				69.39560	50.47000	85.00000	0.0	0.0	0.0						
				70.14990	50.47000	85.00000	0.0	0.0	0.0						
				70.90420	50.47000	85.00000	0.0	0.0	0.0						
				71.65850	50.47000	85.00000	0.0	0.0	0.0						
				72.41280	50.47000	85.00000	0.0	0.0	0.0						
				73.16710	50.47000	85.00000	0.0	0.0	0.0						
				73.92140	50.47000	85.00000	0.0	0.0	0.0						
				74.67570	50.47000	85.00000	0.0	0.0	0.0						
				75.43000	50.47000	85.00000	0.0	0.0	0.0						
				0.00000	51.19100	85.00000	0.0	0.0	0.0						
				0.75430	51.19100	85.00000	0.0	0.0	0.0						
				1.50860	51.19100	85.00									

 A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1						Job No.	Sheet No.	Rev.	
						3500			
						Drg. Ref.			
						Made by PES	Date 01-Nov-2024	Checked Date	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				21.87470	51.19100	85.00000	1.1591	-0.87724	1.9318
				22.62900	51.19100	85.00000	1.2998	-1.0472	2.0897
				23.38330	51.19100	85.00000	1.4152	-1.2221	2.2538
				24.13760	51.19100	85.00000	1.5030	-1.4019	2.4231
				24.89190	51.19100	85.00000	1.5606	-1.5870	2.5955
				25.64620	51.19100	85.00000	1.5852	-1.7772	2.7683
				26.40050	51.19100	85.00000	1.5745	-1.9721	2.9382
				27.15480	51.19100	85.00000	1.5260	-2.1713	3.1016
				27.90910	51.19100	85.00000	1.4380	-2.3737	3.2545
				28.66340	51.19100	85.00000	1.3331	-2.6188	3.4139
				29.41770	51.19100	85.00000	1.2030	-2.8901	3.5719
				30.17200	51.19100	85.00000	1.0388	-3.1663	3.7168
				30.92630	51.19100	85.00000	0.84319	-3.4427	3.8449
				31.68060	51.19100	85.00000	0.62061	-3.7137	3.9526
				32.43490	51.19100	85.00000	0.37712	-3.9723	4.0368
				33.18920	51.19100	85.00000	0.12026	-4.2113	4.0944
				33.94350	51.19100	85.00000	-0.10358	-4.4173	4.1308
				34.69780	51.19100	85.00000	-0.10729	-4.5754	4.1970
				35.45210	51.19100	85.00000	-0.11098	-4.7328	4.2626
				36.20640	51.19100	85.00000	-0.11465	-4.8897	4.3275
				36.96070	51.19100	85.00000	-0.11832	-5.0458	4.3918
				37.71500	51.19100	85.00000	-0.11990	-5.1134	4.4164
				38.46930	51.19100	85.00000	-0.11745	-5.0090	4.3646
				39.22360	51.19100	85.00000	-0.11501	-4.9050	4.3132
				39.97790	51.19100	85.00000	-0.11258	-4.8013	4.2622
				40.73220	51.19100	85.00000	-0.11016	-4.6979	4.2116
				41.48650	51.19100	85.00000	-0.27741	-4.5505	4.1650
				42.24080	51.19100	85.00000	-0.58710	-4.3426	4.0991
				42.99510	51.19100	85.00000	-0.87792	-4.1121	4.0057
				43.74940	51.19100	85.00000	-1.1413	-3.8651	3.8879
				44.50370	51.19100	85.00000	-1.3828	-3.6440	3.7654
				45.25800	51.19100	85.00000	-1.5999	-3.4598	3.6421
				46.01230	51.19100	85.00000	-1.7710	-3.2630	3.4973
				46.76660	51.19100	85.00000	-1.8949	-3.0563	3.3350
				47.52090	51.19100	85.00000	-1.9716	-2.8417	3.1594
				48.27520	51.19100	85.00000	-1.9724	-2.6551	2.9819
				49.02950	51.19100	85.00000	-1.8849	-2.5373	2.8191
				49.78380	51.19100	85.00000	-1.7905	-2.4102	2.6596
				50.53810	51.19100	85.00000	-1.6816	-2.2638	2.5023
				51.29240	51.19100	85.00000	-1.4706	-1.9796	2.3220
				52.04670	51.19100	85.00000	-1.2712	-1.7113	2.1598
				52.80100	51.19100	85.00000	-1.0835	-1.4586	2.0130
				53.55530	51.19100	85.00000	-0.95759	-1.2183	1.8840
				54.30960	51.19100	85.00000	-0.83096	-0.98971	1.7590
				55.06390	51.19100	85.00000	-0.69158	-0.77306	1.6357
				55.81820	51.19100	85.00000	-0.54023	-0.56821	1.5130
				56.57250	51.19100	85.00000	-0.37763	-0.37480	1.3889
				57.32680	51.19100	85.00000	-0.20443	-0.19232	1.2607
				58.08110	51.19100	85.00000	-0.081265	-0.072427	1.1245
				58.83540	51.19100	85.00000	0.0	0.0	0.98395
				59.58970	51.19100	85.00000	0.0	0.0	0.86558
				60.34400	51.19100	85.00000	0.0	0.0	0.74506
				61.09830	51.19100	85.00000	0.0	0.0	0.62256
				61.85260	51.19100	85.00000	0.0	0.0	0.49827
				62.60690	51.19100	85.00000	0.0	0.0	0.37232
				63.36120	51.19100	85.00000	0.0	0.0	0.24486
				64.11550	51.19100	85.00000	0.0	0.0	0.11600
				64.86980	51.19100	85.00000	0.0	0.0	0.0
				65.62410	51.19100	85.00000	0.0	0.0	0.0
				66.37840	51.19100	85.00000	0.0	0.0	0.0
				67.13270	51.19100	85.00000	0.0	0.0	0.0
				67.88700	51.19100	85.00000	0.0	0.0	0.0
				68.64130	51.19100	85.00000	0.0	0.0	0.0
				69.39560	51.19100	85.00000	0.0	0.0	0.0
				70.14990	51.19100	85.00000	0.0	0.0	0.0
				70.90420	51.19100	85.00000	0.0	0.0	0.0
				71.65850	51.19100	85.00000	0.0	0.0	0.0
				72.41280	51.19100	85.00000	0.0	0.0	0.0
				73.16710	51.19100	85.00000	0.0	0.0	0.0
				73.92140	51.19100	85.00000	0.0	0.0	0.0
				74.67570	51.19100	85.00000	0.0	0.0	0.0
				75.43000	51.19100	85.00000	0.0	0.0	0.0
				0.00000	51.91200	85.00000	0.0	0.0	0.0
				0.75430	51.91200	85.00000	0.0	0.0	0.0
				1.50860	51.91200	85.00000	0.0	0.0	0.0
				2.26290	51.91200	85.00000	0.0	0.0	0.0
				3.01720	51.91200	85.00000	0.0	0.0	0.0
				3.77150	51.91200	85.00000	0.0	0.0	0.0
				4.52580	51.91200	85.00000	0.0	0.0	0.0
				5.28010	51.91200	85.00000	0.0	0.0	0.0
				6.03440	51.91200	85.00000	0.0	0.0	0.0
				6.78870	51.91200	85.00000	0.0	0.0	0.0
				7.54300	51.91200	85.00000	0.0	0.0	0.0
				8.29730	51.91200	85.00000	0.0	0.0	0.0
				9.05160	51.91200	85.00000	0.0	0.0	0.0
				9.80590	51.91200	85.00000	0.0	0.0	0.0
				10.56020	51.91200	85.00000	0.0	0.0	0.0
				11.31450	51.91200	85.00000	0.0	0.0	0.0
				12.06880	51.91200	85.00000	0.0	0.0	0.040119
				12.82310	51.91200	85.00000	0.0	0.0	0.17223
				13.57740	51.91200	85.00000	0.0	0.0	0.30434
				14.33170	51.91200	85.00000	0.0	0.0	0.43645
				15.08600	51.91200	85.00000	0.0	0.0	0.56856
				15.84030	51.91200	85.00000	0.0	0.0	0.69999
				16.59460	51.91200	85.00000	0.0	0.0	0.83005
				17.34890	51.91200	85.00000	0.0	0.0	0.95858
				18.10320	51.91200	85.00000	0.075780	-0.047654	1.1059
				18.85750	51.91200	85.00000	0.22405	-0.14677	1.2553
				19.61180	51.91200	85.00000	0.43524	-0.29935	1.3960
				20.36610	51.91200	85.00000	0.62865	-0.45470	1.5331
				21.12040	51.91200	85.00000	0.80293	-0.61314	1.6704
				21.87470	51.91200	85.00000	0.95655	-0.77498	1.8104
				22.62900	51.91200	85.00000	1.0878	-0.94047	1.9545
				23.38330	51.91200	85.00000	1.1948	-1.1098	2.1030
				24.13760	51.91200	85.00000	1.2755	-1.2830	2.2553
				24.89190	51.91200	85.00000	1.3279	-1.4601	2.4098
				25.64620	51.91200	85.00000	1.3501	-1.6408	2.5644
				26.40050	51.91200	85.00000	1.3400	-1.8247	2.7163
				27.15480	51.91200	85.00000	1.2961	-2.0110	2.8625
				27.90910	51.91200	85.00000	1.2238	-2.2098	3.0043
				28.66340	51.91200	85.00000	1.1406	-2.4504	3.1532
				29.41770	51.91200	85.00000	1.0271	-2.6961	3.2930
				30.17200	51.91200	85.00000	0.88489	-2.9436	3.4206
				30.92630	51.91200	85.00000	0.71659	-3.1888	3.5326
				31.68060	51.91200	85.00000	0.52610	-3.4266	3.6261
				32.43490	51.91200	85.00000	0.31862	-3.6513	3.6982
				33.18920	51.91200	85.00000	0.10035	-3.8570	3.7464
				33.94350	51.91200	85.00000	-0.094608	-4.0348	3.7742
				34.69780	51.91200	85.00000	-0.098017	-4.1801	3.8280
				35.45210	51.91200	85.00000	-0.10141	-4.3249	3.8811
				36.20640	51.91200	85.00000	-0.10479	-4.4690	3.9336
				36.96070	51.91200	85.00000	-0.10816	-4.6125	3.9855
				37.71500	51.91200	85.00000	-0.10973	-4.6796	4.0067
				38.46930	51.91200	85.00000	-0.10745	-4.5826	3.9626
				39.22360	51.91200	85.00000	-0.10519	-4.4860	3.9189
				39.97790	51.91200	85.00000	-0.10293	-4.3898	3.8755
				40.73220	51.91200	85.00000	-0.10068	-4.2939	3.8325
				41.48650	51.91200	85.00000	-0.23661	-4.1652	3.7934
				42.24080	51.91200	85.00000	-0.50010	-3.9850	3.7379
				42.99510	51.91200	85.00000	-0.74824	-3.7830	3.

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				43.74940	51.91200	85.00000	-0.97384	-3.5645	3.5556						
				44.50370	51.91200	85.00000	-1.1734	-3.3410	3.4372						
				45.25800	51.91200	85.00000	-1.3618	-3.1731	3.3265						
				46.01230	51.91200	85.00000	-1.5113	-2.9922	3.1972						
				46.76660	51.91200	85.00000	-1.6201	-2.8005	3.0528						
				47.52090	51.91200	85.00000	-1.6877	-2.6002	2.8971						
				48.27520	51.91200	85.00000	-1.7147	-2.3930	2.7340						
				49.02950	51.91200	85.00000	-1.6608	-2.2357	2.5773						
				49.78380	51.91200	85.00000	-1.5654	-2.1073	2.4305						
				50.53810	51.91200	85.00000	-1.4629	-1.9693	2.2889						
				51.29240	51.91200	85.00000	-1.3208	-1.7780	2.1445						
				52.04670	51.91200	85.00000	-1.1255	-1.5152	1.9966						
				52.80100	51.91200	85.00000	-0.94179	-1.2678	1.8619						
				53.55530	51.91200	85.00000	-0.77544	-1.0360	1.7386						
				54.30960	51.91200	85.00000	-0.65294	-0.81839	1.6248						
				55.06390	51.91200	85.00000	-0.51811	-0.61071	1.5103						
				55.81820	51.91200	85.00000	-0.37160	-0.41302	1.3936						
				56.57250	51.91200	85.00000	-0.21401	-0.22517	1.2724						
				57.32680	51.91200	85.00000	-0.094545	-0.094260	1.1436						
				58.08110	51.91200	85.00000	0.0	0.0	1.0047						
				58.83540	51.91200	85.00000	0.0	0.0	0.89157						
				59.58970	51.91200	85.00000	0.0	0.0	0.77592						
				60.34400	51.91200	85.00000	0.0	0.0	0.65800						
				61.09830	51.91200	85.00000	0.0	0.0	0.53801						
				61.85260	51.91200	85.00000	0.0	0.0	0.41611						
				62.60690	51.91200	85.00000	0.0	0.0	0.29246						
				63.36120	51.91200	85.00000	0.0	0.0	0.16719						
				64.11550	51.91200	85.00000	0.0	0.0	0.040441						
				64.86980	51.91200	85.00000	0.0	0.0	0.0						
				65.62410	51.91200	85.00000	0.0	0.0	0.0						
				66.37840	51.91200	85.00000	0.0	0.0	0.0						
				67.13270	51.91200	85.00000	0.0	0.0	0.0						
				67.88700	51.91200	85.00000	0.0	0.0	0.0						
				68.64130	51.91200	85.00000	0.0	0.0	0.0						
				69.39560	51.91200	85.00000	0.0	0.0	0.0						
				70.14990	51.91200	85.00000	0.0	0.0	0.0						
				70.90420	51.91200	85.00000	0.0	0.0	0.0						
				71.65850	51.91200	85.00000	0.0	0.0	0.0						
				72.41280	51.91200	85.00000	0.0	0.0	0.0						
				73.16710	51.91200	85.00000	0.0	0.0	0.0						
				73.92140	51.91200	85.00000	0.0	0.0	0.0						
				74.67570	51.91200	85.00000	0.0	0.0	0.0						
				75.43000	51.91200	85.00000	0.0	0.0	0.0						
				0.00000	52.63300	85.00000	0.0	0.0	0.0						
				0.75430	52.63300	85.00000	0.0	0.0	0.0						
				1.50860	52.63300	85.00000	0.0	0.0	0.0						
				2.26290	52.63300	85.00000	0.0	0.0	0.0						
				3.01720	52.63300	85.00000	0.0	0.0	0.0						
				3.77150	52.63300	85.00000	0.0	0.0	0.0						
				4.52580	52.63300	85.00000	0.0	0.0	0.0						
				5.28010	52.63300	85.00000	0.0	0.0	0.0						
				6.03440	52.63300	85.00000	0.0	0.0	0.0						
				6.78870	52.63300	85.00000	0.0	0.0	0.0						
				7.54300	52.63300	85.00000	0.0	0.0	0.0						
				8.29730	52.63300	85.00000	0.0	0.0	0.0						
				9.05160	52.63300	85.00000	0.0	0.0	0.0						
				9.80590	52.63300	85.00000	0.0	0.0	0.0						
				10.56020	52.63300	85.00000	0.0	0.0	0.0						
				11.31450	52.63300	85.00000	0.0	0.0	0.0						
				12.06880	52.63300	85.00000	0.0	0.0	0.0						
				12.82310	52.63300	85.00000	0.0	0.0	0.10260						
				13.57740	52.63300	85.00000	0.0	0.0	0.23471						
				14.33170	52.63300	85.00000	0.0	0.0	0.36648						
				15.08600	52.63300	85.00000	0.0	0.0	0.49703						
				15.84030	52.63300	85.00000	0.0	0.0	0.62622						
				16.59460	52.63300	85.00000	0.0	0.0	0.75390						
				17.34890	52.63300	85.00000	0.0	0.0	0.87994						
				18.10320	52.63300	85.00000	0.0	0.0	1.0042						
				18.85750	52.63300	85.00000	0.11517	-0.079747	1.1555						
				19.61180	52.63300	85.00000	0.26982	-0.19634	1.2961						
				20.36610	52.63300	85.00000	0.45423	-0.34902	1.4297						
				21.12040	52.63300	85.00000	0.61981	-0.50415	1.5603						
				21.87470	52.63300	85.00000	0.76523	-0.66193	1.6909						
				22.62900	52.63300	85.00000	0.88905	-0.82252	1.8231						
				23.38330	52.63300	85.00000	0.98971	-0.98599	1.9578						
				24.13760	52.63300	85.00000	1.0656	-1.1523	2.0948						
				24.89190	52.63300	85.00000	1.1151	-1.3212	2.2331						
				25.64620	52.63300	85.00000	1.1368	-1.4925	2.3709						
				26.40050	52.63300	85.00000	1.1292	-1.6655	2.5062						
				27.15480	52.63300	85.00000	1.0914	-1.8393	2.6364						
				27.90910	52.63300	85.00000	1.0418	-2.0456	2.7706						
				28.66340	52.63300	85.00000	0.97025	-2.2652	2.9018						
				29.41770	52.63300	85.00000	0.87276	-2.4873	3.0244						
				30.17200	52.63300	85.00000	0.75085	-2.7089	3.1357						
				30.92630	52.63300	85.00000	0.60705	-2.9263	3.2330						
				31.68060	52.63300	85.00000	0.44482	-3.1350	3.3134						
				32.43490	52.63300	85.00000	0.26859	-3.3303	3.3747						
				33.18920	52.63300	85.00000	0.083531	-3.5072	3.4147						
				33.94350	52.63300	85.00000	-0.085817	-3.6599	3.4355						
				34.69780	52.63300	85.00000	-0.088928	-3.7925	3.4779						
				35.45210	52.63300	85.00000	-0.092025	-3.9246	3.5197						
				36.20640	52.63300	85.00000	-0.095107	-4.0560	3.5610						
				36.96070	52.63300	85.00000	-0.098173	-4.1868	3.6018						
				37.71500	52.63300	85.00000	-0.099713	-4.2525	3.6194						
				38.46930	52.63300	85.00000	-0.097614	-4.1629	3.5825						
				39.22360	52.63300	85.00000	-0.095523	-4.0738	3.5460						
				39.97790	52.63300	85.00000	-0.093440	-3.9849	3.5098						
				40.73220	52.63300	85.00000	-0.091366	-3.8965	3.4739						
				41.48650	52.63300	85.00000	-0.20131	-3.7840	3.4414						
				42.24080	52.63300	85.00000	-0.42485	-3.6278	3.3950						
				42.99510	52.63300	85.00000	-0.63571	-3.4508	3.3265						
				43.74940	52.63300	85.00000	-0.82786	-3.2572	3.2390						
				44.50370	52.63300	85.00000	-0.99623	-3.0510	3.1342						
				45.25800	52.63300	85.00000	-1.1528	-2.8825	3.0304						
				46.01230	52.63300	85.00000	-1.2813	-2.7159	2.9160						
				46.76660	52.63300	85.00000	-1.3747	-2.5382	2.7886						
				47.52090	52.63300	85.00000	-1.4319	-2.3511	2.6516						
				48.27520	52.63300	85.00000	-1.4531	-2.1563	2.5081						
				49.02950	52.63300	85.00000	-1.4389	-1.9551	2.3612						
				49.78380	52.63300	85.00000	-1.3492	-1.8163	2.2253						
				50.53810	52.63300	85.00000	-1.2455	-1.6766	2.0958						
				51.29240	52.63300	85.00000	-1.1344	-1.5270	1.9719						
				52.04670	52.63300	85.00000	-0.97099	-1.3071	1.8435						
				52.80100	52.63300	85.00000	-0.79103	-1.0649	1.7189						
				53.55530	52.63300	85.00000	-0.62236	-0.83779	1.6023						
				54.30960	52.63300	85.00000	-0.47763	-0.62723	1.4926						
				55.06390	52.63300	85.00000	-0.34662	-0.42897	1.3838						
				55.81820	52.63300	85.00000	-0.20423	-0.23902	1.2700						
				56.57250	52.63300	85.00000	-0.095668	-0.10604	1.1484						
				57.32680	52.63300	85.00000	0.0	0.0	1.0141						
				58.08110	52.63300	85.00000	0.0	0.0	0.90652						
				58.83540	52.63300	85.00000	0.0	0.0	0.79612						
				59.58970	52.63300	85.00000	0.0	0.0	0.68316						
				60.34400	52.63300	85.00000	0.0	0.0	0.56782						
				61.09830	52.63300	85.00000	0.0	0.0	0.45032						
				61.85260	52.63300	85.00000	0.0	0.0	0.33081						
				62.60690	52.63300	85.00000	0								

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.	Sheet No.	Rev.
										3500		
										Drg. Ref.		
										Made by PES	Date 01-Nov-2024	Checked Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz			
				[m]	[m]	[m]	[mm]	[mm]	[mm]			
				65.62410	52.63300	85.00000	0.0	0.0	0.0			
				66.37840	52.63300	85.00000	0.0	0.0	0.0			
				67.13270	52.63300	85.00000	0.0	0.0	0.0			
				67.88700	52.63300	85.00000	0.0	0.0	0.0			
				68.64130	52.63300	85.00000	0.0	0.0	0.0			
				69.39560	52.63300	85.00000	0.0	0.0	0.0			
				70.14990	52.63300	85.00000	0.0	0.0	0.0			
				70.90420	52.63300	85.00000	0.0	0.0	0.0			
				71.65850	52.63300	85.00000	0.0	0.0	0.0			
				72.41280	52.63300	85.00000	0.0	0.0	0.0			
				73.16710	52.63300	85.00000	0.0	0.0	0.0			
				73.92140	52.63300	85.00000	0.0	0.0	0.0			
				74.67570	52.63300	85.00000	0.0	0.0	0.0			
				75.43000	52.63300	85.00000	0.0	0.0	0.0			
				0.00000	53.35400	85.00000	0.0	0.0	0.0			
				0.75430	53.35400	85.00000	0.0	0.0	0.0			
				1.50860	53.35400	85.00000	0.0	0.0	0.0			
				2.26290	53.35400	85.00000	0.0	0.0	0.0			
				3.01720	53.35400	85.00000	0.0	0.0	0.0			
				3.77150	53.35400	85.00000	0.0	0.0	0.0			
				4.52580	53.35400	85.00000	0.0	0.0	0.0			
				5.28010	53.35400	85.00000	0.0	0.0	0.0			
				6.03440	53.35400	85.00000	0.0	0.0	0.0			
				6.78870	53.35400	85.00000	0.0	0.0	0.0			
				7.54300	53.35400	85.00000	0.0	0.0	0.0			
				8.29730	53.35400	85.00000	0.0	0.0	0.0			
				9.05160	53.35400	85.00000	0.0	0.0	0.0			
				9.80590	53.35400	85.00000	0.0	0.0	0.0			
				10.56020	53.35400	85.00000	0.0	0.0	0.0			
				11.31450	53.35400	85.00000	0.0	0.0	0.0			
				12.06880	53.35400	85.00000	0.0	0.0	0.0			
				12.82310	53.35400	85.00000	0.0	0.0	0.032845			
				13.57740	53.35400	85.00000	0.0	0.0	0.16382			
				14.33170	53.35400	85.00000	0.0	0.0	0.29355			
				15.08600	53.35400	85.00000	0.0	0.0	0.42193			
				15.84030	53.35400	85.00000	0.0	0.0	0.54883			
				16.59460	53.35400	85.00000	0.0	0.0	0.67412			
				17.34890	53.35400	85.00000	0.0	0.0	0.79764			
				18.10320	53.35400	85.00000	0.0	0.0	0.91923			
				18.85750	53.35400	85.00000	0.019453	-0.014236	1.0469			
				19.61180	53.35400	85.00000	0.13657	-0.10477	1.1901			
				20.36610	53.35400	85.00000	0.28755	-0.23380	1.3227			
				21.12040	53.35400	85.00000	0.44599	-0.38531	1.4491			
				21.87470	53.35400	85.00000	0.58490	-0.53875	1.5725			
				22.62900	53.35400	85.00000	0.70306	-0.69419	1.6951			
				23.38330	53.35400	85.00000	0.79922	-0.85160	1.8181			
				24.13760	53.35400	85.00000	0.87213	-1.0108	1.9418			
				24.89190	53.35400	85.00000	0.92055	-1.1716	2.0657			
				25.64620	53.35400	85.00000	0.94339	-1.3336	2.1885			
				26.40050	53.35400	85.00000	0.93976	-1.4959	2.3088			
				27.15480	53.35400	85.00000	0.91537	-1.6688	2.4274			
				27.90910	53.35400	85.00000	0.87881	-1.8661	2.5478			
				28.66340	53.35400	85.00000	0.81891	-2.0662	2.6626			
				29.41770	53.35400	85.00000	0.73655	-2.2667	2.7694			
				30.17200	53.35400	85.00000	0.63333	-2.4648	2.8659			
				30.92630	53.35400	85.00000	0.51156	-2.6573	2.9497			
				31.68060	53.35400	85.00000	0.37433	-2.8403	3.0184			
				32.43490	53.35400	85.00000	0.22543	-3.0099	3.0701			
				33.18920	53.35400	85.00000	0.069215	-3.1618	3.1030			
				33.94350	53.35400	85.00000	-0.077192	-3.2920	3.1183			
				34.69780	53.35400	85.00000	0.080005	-3.4120	3.1507			
				35.45210	53.35400	85.00000	-0.082803	-3.5313	3.1826			
				36.20640	53.35400	85.00000	-0.085587	-3.6500	3.2141			
				36.96070	53.35400	85.00000	-0.088355	-3.7681	3.2451			
				37.71500	53.35400	85.00000	-0.089840	-3.8314	3.2591			
				38.46930	53.35400	85.00000	-0.087915	-3.7493	3.2288			
				39.22360	53.35400	85.00000	-0.085997	-3.6675	3.1988			
				39.97790	53.35400	85.00000	-0.084088	-3.5861	3.1690			
				40.73220	53.35400	85.00000	-0.082188	-3.5051	3.1396			
				41.48650	53.35400	85.00000	-0.17050	-3.4068	3.1130			
				42.24080	53.35400	85.00000	-0.35916	-3.2715	3.0745			
				42.99510	53.35400	85.00000	-0.53725	-3.1164	3.0169			
				43.74940	53.35400	85.00000	-0.69964	-2.9449	2.9420			
				44.50370	53.35400	85.00000	-0.84192	-2.7605	2.8521			
				45.25800	53.35400	85.00000	-0.96833	-2.5891	2.7559			
				46.01230	53.35400	85.00000	-1.0768	-2.4355	2.6554			
				46.76660	53.35400	85.00000	-1.1548	-2.2704	2.5438			
				47.52090	53.35400	85.00000	-1.2010	-2.0955	2.4238			
				48.27520	53.35400	85.00000	-1.2151	-1.9122	2.2982			
				49.02950	53.35400	85.00000	-1.1974	-1.7220	2.1694			
				49.78380	53.35400	85.00000	-1.1417	-1.5369	2.0411			
				50.53810	53.35400	85.00000	-1.0365	-1.3953	1.9221			
				51.29240	53.35400	85.00000	-0.92386	-1.2437	1.8080			
				52.04670	53.35400	85.00000	-0.80367	-1.0819	1.6983			
				52.80100	53.35400	85.00000	-0.63104	-0.84948	1.5820			
				53.55530	53.35400	85.00000	-0.46589	-0.62716	1.4701			
				54.30960	53.35400	85.00000	-0.31180	-0.41973	1.3610			
				55.06390	53.35400	85.00000	-0.17695	-0.22904	1.2532			
				55.81820	53.35400	85.00000	-0.085452	-0.10471	1.1385			
				56.57250	53.35400	85.00000	0.0	0.0	1.0120			
				57.32680	53.35400	85.00000	0.0	0.0	0.91032			
				58.08110	53.35400	85.00000	0.0	0.0	0.80551			
				58.83540	53.35400	85.00000	0.0	0.0	0.69783			
				59.58970	53.35400	85.00000	0.0	0.0	0.58750			
				60.34400	53.35400	85.00000	0.0	0.0	0.47472			
				61.09830	53.35400	85.00000	0.0	0.0	0.35967			
				61.85260	53.35400	85.00000	0.0	0.0	0.24254			
				62.60690	53.35400	85.00000	0.0	0.0	0.12348			



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				11.31450	54.07500	85.00000	0.0	0.0	0.0
				12.06880	54.07500	85.00000	0.0	0.0	0.0
				12.82310	54.07500	85.00000	0.0	0.0	0.0
				13.57740	54.07500	85.00000	0.0	0.0	0.089615
				14.33170	54.07500	85.00000	0.0	0.0	0.21725
				15.08600	54.07500	85.00000	0.0	0.0	0.34342
				15.84030	54.07500	85.00000	0.0	0.0	0.46802
				16.59460	54.07500	85.00000	0.0	0.0	0.59090
				17.34890	54.07500	85.00000	0.0	0.0	0.71191
				18.10320	54.07500	85.00000	0.0	0.0	0.83087
				18.85750	54.07500	85.00000	0.0	0.0	0.94760
				19.61180	54.07500	85.00000	0.040416	-0.032782	1.0759
				20.36610	54.07500	85.00000	0.14234	-0.12176	1.2103
				21.12040	54.07500	85.00000	0.28131	-0.25714	1.3352
				21.87470	54.07500	85.00000	0.41518	-0.40606	1.4540
				22.62900	54.07500	85.00000	0.52922	-0.55620	1.5695
				23.38330	54.07500	85.00000	0.62244	-0.70747	1.6832
				24.13760	54.07500	85.00000	0.69387	-0.85966	1.7958
				24.89190	54.07500	85.00000	0.74261	-1.0124	1.9073
				25.64620	54.07500	85.00000	0.76791	-1.1653	2.0171
				26.40050	54.07500	85.00000	0.76923	-1.3175	2.1240
				27.15480	54.07500	85.00000	0.76044	-1.4928	2.2325
				27.90910	54.07500	85.00000	0.73237	-1.6737	2.3379
				28.66340	54.07500	85.00000	0.68380	-1.8556	2.4379
				29.41770	54.07500	85.00000	0.61570	-2.0362	2.5304
				30.17200	54.07500	85.00000	0.52963	-2.2131	2.6136
				30.92630	54.07500	85.00000	0.42773	-2.3833	2.6853
				31.68060	54.07500	85.00000	0.31273	-2.5436	2.7437
				32.43490	54.07500	85.00000	0.18790	-2.6906	2.7870
				33.18920	54.07500	85.00000	0.056943	-2.8205	2.8140
				33.94350	54.07500	85.00000	-0.068716	-2.9305	2.8249
				34.69780	54.07500	85.00000	-0.071230	-3.0378	2.8488
				35.45210	54.07500	85.00000	-0.073730	-3.1444	2.8723
				36.20640	54.07500	85.00000	-0.076215	-3.2503	2.8954
				36.96070	54.07500	85.00000	-0.078685	-3.3557	2.9181
				37.71500	54.07500	85.00000	-0.080094	-3.4158	2.9288
				38.46930	54.07500	85.00000	-0.078342	-3.3410	2.9043
				39.22360	54.07500	85.00000	-0.076598	-3.2667	2.8800
				39.97790	54.07500	85.00000	-0.074862	-3.1927	2.8560
				40.73220	54.07500	85.00000	-0.073135	-3.1190	2.8322
				41.48650	54.07500	85.00000	-0.14336	-3.0333	2.8106
				42.24080	54.07500	85.00000	-0.30137	-2.9165	2.7790
				42.99510	54.07500	85.00000	-0.45045	-2.7807	2.7306
				43.74940	54.07500	85.00000	-0.58622	-2.6289	2.6673
				44.50370	54.07500	85.00000	-0.70484	-2.4640	2.5906
				45.25800	54.07500	85.00000	-0.80478	-2.2937	2.5039
				46.01230	54.07500	85.00000	-0.89430	-2.1517	2.4160
				46.76660	54.07500	85.00000	-0.95713	-1.9981	2.3187
				47.52090	54.07500	85.00000	-0.99197	-1.8344	2.2141
				48.27520	54.07500	85.00000	-0.99821	-1.6619	2.1043
				49.02950	54.07500	85.00000	-0.97577	-1.4819	1.9913
				49.78380	54.07500	85.00000	-0.92500	-1.2954	1.8766
				50.53810	54.07500	85.00000	-0.83582	-1.1251	1.7641
				51.29240	54.07500	85.00000	-0.72147	-0.97121	1.6574
				52.04670	54.07500	85.00000	-0.59945	-0.80695	1.5533
				52.80100	54.07500	85.00000	-0.46160	-0.62139	1.4483
				53.55530	54.07500	85.00000	-0.29981	-0.40359	1.3377
				54.30960	54.07500	85.00000	-0.15763	-0.21220	1.2269
				55.06390	54.07500	85.00000	-0.064894	-0.087357	1.1139
				55.81820	54.07500	85.00000	0.0	0.0	0.99845
				56.57250	54.07500	85.00000	0.0	0.0	0.90294
				57.32680	54.07500	85.00000	0.0	0.0	0.80401
				58.08110	54.07500	85.00000	0.0	0.0	0.70192
				58.83540	54.07500	85.00000	0.0	0.0	0.59689
				59.58970	54.07500	85.00000	0.0	0.0	0.48914
				60.34400	54.07500	85.00000	0.0	0.0	0.37887
				61.09830	54.07500	85.00000	0.0	0.0	0.26626
				61.85260	54.07500	85.00000	0.0	0.0	0.15148
				62.60690	54.07500	85.00000	0.0	0.0	0.034685
				63.36120	54.07500	85.00000	0.0	0.0	0.0
				64.11550	54.07500	85.00000	0.0	0.0	0.0
				64.86980	54.07500	85.00000	0.0	0.0	0.0
				65.62410	54.07500	85.00000	0.0	0.0	0.0
				66.37840	54.07500	85.00000	0.0	0.0	0.0
				67.13270	54.07500	85.00000	0.0	0.0	0.0
				67.88700	54.07500	85.00000	0.0	0.0	0.0
				68.64130	54.07500	85.00000	0.0	0.0	0.0
				69.39560	54.07500	85.00000	0.0	0.0	0.0
				70.14990	54.07500	85.00000	0.0	0.0	0.0
				70.90420	54.07500	85.00000	0.0	0.0	0.0
				71.65850	54.07500	85.00000	0.0	0.0	0.0
				72.41280	54.07500	85.00000	0.0	0.0	0.0
				73.16710	54.07500	85.00000	0.0	0.0	0.0
				73.92140	54.07500	85.00000	0.0	0.0	0.0
				74.67570	54.07500	85.00000	0.0	0.0	0.0
				75.43000	54.07500	85.00000	0.0	0.0	0.0
				0.00000	54.79600	85.00000	0.0	0.0	0.0
				0.75430	54.79600	85.00000	0.0	0.0	0.0
				1.50860	54.79600	85.00000	0.0	0.0	0.0
				2.26290	54.79600	85.00000	0.0	0.0	0.0
				3.01720	54.79600	85.00000	0.0	0.0	0.0
				3.77150	54.79600	85.00000	0.0	0.0	0.0
				4.52580	54.79600	85.00000	0.0	0.0	0.0
				5.28010	54.79600	85.00000	0.0	0.0	0.0
				6.03440	54.79600	85.00000	0.0	0.0	0.0
				6.78870	54.79600	85.00000	0.0	0.0	0.0
				7.54300	54.79600	85.00000	0.0	0.0	0.0
				8.29730	54.79600	85.00000	0.0	0.0	0.0
				9.05160	54.79600	85.00000	0.0	0.0	0.0
				9.80590	54.79600	85.00000	0.0	0.0	0.0
				10.56020	54.79600	85.00000	0.0	0.0	0.0
				11.31450	54.79600	85.00000	0.0	0.0	0.0
				12.06880	54.79600	85.00000	0.0	0.0	0.0
				12.82310	54.79600	85.00000	0.0	0.0	0.0
				13.57740	54.79600	85.00000	0.0	0.0	0.012214
				14.33170	54.79600	85.00000	0.0	0.0	0.13773
				15.08600	54.79600	85.00000	0.0	0.0	0.26169
				15.84030	54.79600	85.00000	0.0	0.0	0.38399
				16.59460	54.79600	85.00000	0.0	0.0	0.50446
				17.34890	54.79600	85.00000	0.0	0.0	0.62296
				18.10320	54.79600	85.00000	0.0	0.0	0.73932
				18.85750	54.79600	85.00000	0.0	0.0	0.85334
				19.61180	54.79600	85.00000	0.0	0.0	0.96481
				20.36610	54.79600	85.00000	0.047557	-0.043030	1.0901
				21.12040	54.79600	85.00000	0.13511	-0.12980	1.2164
				21.87470	54.79600	85.00000	0.25559	-0.26439	1.3335
				22.62900	54.79600	85.00000	0.36683	-0.40920	1.4446
				23.38330	54.79600	85.00000	0.45842	-0.55436	1.5515
				24.13760	54.79600	85.00000	0.52962	-0.69961	1.6555
				24.89190	54.79600	85.00000	0.57983	-0.84457	1.7570
				25.64620	54.79600	85.00000	0.60855	-0.98870	1.8558
				26.40050	54.79600	85.00000	0.62067	-1.1402	1.9531
				27.15480	54.79600	85.00000	0.61983	-1.3046	2.0494
				27.90910	54.79600	85.00000	0.60027	-1.4701	2.1417
				28.66340	54.79600	85.00000	0.56262	-1.6351	2.2286
				29.41770	54.79600	85.00000	0.50790	-1.7976	2.3086
				30.17200	54.79600	85.00000	0.43759	-1.9552	2.3800
				30.92630	54.79600	85.00000	0.35365	-2.1055	2.4412
				31.68060	54.79600	85.00000	0.25853	-2.2455	2.4906
				32.43490	54.79600	85.00000	0.15504	-2.3724	2.5269

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				33.18920	54.79600	85.00000	0.046361	-2.4829	2.5489						
				33.94350	54.79600	85.00000	-0.060374	-2.5748	2.5565						
				34.69780	54.79600	85.00000	-0.062590	-2.6693	2.5734						
				35.45210	54.79600	85.00000	-0.064790	-2.7631	2.5900						
				36.20640	54.79600	85.00000	-0.066976	-2.8563	2.6063						
				36.96070	54.79600	85.00000	-0.069148	-2.9489	2.6222						
				37.71500	54.79600	85.00000	-0.070459	-3.0049	2.6299						
				38.46930	54.79600	85.00000	-0.068879	-2.9375	2.6104						
				39.22360	54.79600	85.00000	-0.067308	-2.8705	2.5910						
				39.97790	54.79600	85.00000	-0.065746	-2.8039	2.5719						
				40.73220	54.79600	85.00000	-0.064192	-2.7376	2.5529						
				41.48650	54.79600	85.00000	-0.11927	-2.6632	2.5356						
				42.24080	54.79600	85.00000	-0.25014	-2.5628	2.5096						
				42.99510	54.79600	85.00000	-0.37339	-2.4441	2.4692						
				43.74940	54.79600	85.00000	-0.48525	-2.3099	2.4158						
				44.50370	54.79600	85.00000	-0.58236	-2.1626	2.3507						
				45.25800	54.79600	85.00000	-0.66190	-2.0047	2.2757						
				46.01230	54.79600	85.00000	-0.73072	-1.8651	2.1975						
				46.76660	54.79600	85.00000	-0.77890	-1.7220	2.1128						
				47.52090	54.79600	85.00000	-0.80230	-1.5686	2.0214						
				48.27520	54.79600	85.00000	-0.80012	-1.4061	1.9252						
				49.02950	54.79600	85.00000	-0.77204	-1.2356	1.8254						
				49.78380	54.79600	85.00000	-0.71813	-1.0581	1.7230						
				50.53810	54.79600	85.00000	-0.63875	-0.87437	1.6185						
				51.29240	54.79600	85.00000	-0.52701	-0.70944	1.5156						
				52.04670	54.79600	85.00000	-0.40300	-0.54250	1.4138						
				52.80100	54.79600	85.00000	-0.27109	-0.36494	1.3102						
				53.55530	54.79600	85.00000	-0.14614	-0.19673	1.1998						
				54.30960	54.79600	85.00000	-0.045673	-0.061483	1.0831						
				55.06390	54.79600	85.00000	0.0	0.0	0.97453						
				55.81820	54.79600	85.00000	0.0	0.0	0.88443						
				56.57250	54.79600	85.00000	0.0	0.0	0.79163						
				57.32680	54.79600	85.00000	0.0	0.0	0.69538						
				58.08110	54.79600	85.00000	0.0	0.0	0.59593						
				58.83540	54.79600	85.00000	0.0	0.0	0.49348						
				59.58970	54.79600	85.00000	0.0	0.0	0.38826						
				60.34400	54.79600	85.00000	0.0	0.0	0.28045						
				61.09830	54.79600	85.00000	0.0	0.0	0.17023						
				61.85260	54.79600	85.00000	0.0	0.0	0.057773						
				62.60690	54.79600	85.00000	0.0	0.0	0.0						
				63.36120	54.79600	85.00000	0.0	0.0	0.0						
				64.11550	54.79600	85.00000	0.0	0.0	0.0						
				64.86980	54.79600	85.00000	0.0	0.0	0.0						
				65.62410	54.79600	85.00000	0.0	0.0	0.0						
				66.37840	54.79600	85.00000	0.0	0.0	0.0						
				67.13270	54.79600	85.00000	0.0	0.0	0.0						
				67.88700	54.79600	85.00000	0.0	0.0	0.0						
				68.64130	54.79600	85.00000	0.0	0.0	0.0						
				69.39560	54.79600	85.00000	0.0	0.0	0.0						
				70.14990	54.79600	85.00000	0.0	0.0	0.0						
				70.90420	54.79600	85.00000	0.0	0.0	0.0						
				71.65850	54.79600	85.00000	0.0	0.0	0.0						
				72.41280	54.79600	85.00000	0.0	0.0	0.0						
				73.16710	54.79600	85.00000	0.0	0.0	0.0						
				73.92140	54.79600	85.00000	0.0	0.0	0.0						
				74.67570	54.79600	85.00000	0.0	0.0	0.0						
				75.43000	54.79600	85.00000	0.0	0.0	0.0						
				0.00000	55.51700	85.00000	0.0	0.0	0.0						
				0.75430	55.51700	85.00000	0.0	0.0	0.0						
				1.50860	55.51700	85.00000	0.0	0.0	0.0						
				2.26290	55.51700	85.00000	0.0	0.0	0.0						
				3.01720	55.51700	85.00000	0.0	0.0	0.0						
				3.77150	55.51700	85.00000	0.0	0.0	0.0						
				4.52580	55.51700	85.00000	0.0	0.0	0.0						
				5.28010	55.51700	85.00000	0.0	0.0	0.0						
				6.03440	55.51700	85.00000	0.0	0.0	0.0						
				6.78870	55.51700	85.00000	0.0	0.0	0.0						
				7.54300	55.51700	85.00000	0.0	0.0	0.0						
				8.29730	55.51700	85.00000	0.0	0.0	0.0						
				9.05160	55.51700	85.00000	0.0	0.0	0.0						
				9.80590	55.51700	85.00000	0.0	0.0	0.0						
				10.56020	55.51700	85.00000	0.0	0.0	0.0						
				11.31450	55.51700	85.00000	0.0	0.0	0.0						
				12.06880	55.51700	85.00000	0.0	0.0	0.0						
				12.82310	55.51700	85.00000	0.0	0.0	0.0						
				13.57740	55.51700	85.00000	0.0	0.0	0.0						
				14.33170	55.51700	85.00000	0.0	0.0	0.055155						
				15.08600	55.51700	85.00000	0.0	0.0	0.17691						
				15.84030	55.51700	85.00000	0.0	0.0	0.29690						
				16.59460	55.51700	85.00000	0.0	0.0	0.41498						
				17.34890	55.51700	85.00000	0.0	0.0	0.53100						
				18.10320	55.51700	85.00000	0.0	0.0	0.64478						
				18.85750	55.51700	85.00000	0.0	0.0	0.75613						
				19.61180	55.51700	85.00000	0.0	0.0	0.86485						
				20.36610	55.51700	85.00000	0.0	0.0	0.97071						
				21.12040	55.51700	85.00000	0.043431	-0.044147	1.0897						
				21.87470	55.51700	85.00000	0.11773	-0.12803	1.2083						
				22.62900	55.51700	85.00000	0.21517	-0.25376	1.3179						
				23.38330	55.51700	85.00000	0.30622	-0.39291	1.4209						
				24.13760	55.51700	85.00000	0.37822	-0.53140	1.5189						
				24.89190	55.51700	85.00000	0.43079	-0.66893	1.6129						
				25.64620	55.51700	85.00000	0.46366	-0.80465	1.7030						
				26.40050	55.51700	85.00000	0.48620	-0.95453	1.7921						
				27.15480	55.51700	85.00000	0.49179	-1.1058	1.8777						
				27.90910	55.51700	85.00000	0.48065	-1.2569	1.9589						
				28.66340	55.51700	85.00000	0.45345	-1.4062	2.0347						
				29.41770	55.51700	85.00000	0.41124	-1.5520	2.1040						
				30.17200	55.51700	85.00000	0.35543	-1.6922	2.1653						
				30.92630	55.51700	85.00000	0.28780	-1.8245	2.2175						
				31.68060	55.51700	85.00000	0.21052	-1.9464	2.2594						
				32.43490	55.51700	85.00000	0.12607	-2.0553	2.2897						
				33.18920	55.51700	85.00000	0.037187	-2.1486	2.3077						
				33.94350	55.51700	85.00000	-0.052151	-2.2241	2.3129						
				34.69780	55.51700	85.00000	-0.054067	-2.3058	2.3243						
				35.45210	55.51700	85.00000	-0.055968	-2.3869	2.3355						
				36.2.2											



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				55.06390	55.51700	85.00000	0.0	0.0	0.85877
				55.81820	55.51700	85.00000	0.0	0.0	0.76881
				56.57250	55.51700	85.00000	0.0	0.0	0.67828
				57.32680	55.51700	85.00000	0.0	0.0	0.58462
				58.08110	55.51700	85.00000	0.0	0.0	0.48772
				58.83540	55.51700	85.00000	0.0	0.0	0.38779
				59.58970	55.51700	85.00000	0.0	0.0	0.28503
				60.34400	55.51700	85.00000	0.0	0.0	0.17962
				61.09830	55.51700	85.00000	0.0	0.0	0.071755
				61.85260	55.51700	85.00000	0.0	0.0	0.0
				62.60690	55.51700	85.00000	0.0	0.0	0.0
				63.36120	55.51700	85.00000	0.0	0.0	0.0
				64.11550	55.51700	85.00000	0.0	0.0	0.0
				64.86980	55.51700	85.00000	0.0	0.0	0.0
				65.62410	55.51700	85.00000	0.0	0.0	0.0
				66.37840	55.51700	85.00000	0.0	0.0	0.0
				67.13270	55.51700	85.00000	0.0	0.0	0.0
				67.88700	55.51700	85.00000	0.0	0.0	0.0
				68.64130	55.51700	85.00000	0.0	0.0	0.0
				69.39560	55.51700	85.00000	0.0	0.0	0.0
				70.14990	55.51700	85.00000	0.0	0.0	0.0
				70.90420	55.51700	85.00000	0.0	0.0	0.0
				71.65850	55.51700	85.00000	0.0	0.0	0.0
				72.41280	55.51700	85.00000	0.0	0.0	0.0
				73.16710	55.51700	85.00000	0.0	0.0	0.0
				73.92140	55.51700	85.00000	0.0	0.0	0.0
				74.67570	55.51700	85.00000	0.0	0.0	0.0
				75.43000	55.51700	85.00000	0.0	0.0	0.0
				0.00000	56.23800	85.00000	0.0	0.0	0.0
				0.75430	56.23800	85.00000	0.0	0.0	0.0
				1.50860	56.23800	85.00000	0.0	0.0	0.0
				2.26290	56.23800	85.00000	0.0	0.0	0.0
				3.01720	56.23800	85.00000	0.0	0.0	0.0
				3.77150	56.23800	85.00000	0.0	0.0	0.0
				4.52580	56.23800	85.00000	0.0	0.0	0.0
				5.28010	56.23800	85.00000	0.0	0.0	0.0
				6.03440	56.23800	85.00000	0.0	0.0	0.0
				6.78870	56.23800	85.00000	0.0	0.0	0.0
				7.54300	56.23800	85.00000	0.0	0.0	0.0
				8.29730	56.23800	85.00000	0.0	0.0	0.0
				9.05160	56.23800	85.00000	0.0	0.0	0.0
				9.80590	56.23800	85.00000	0.0	0.0	0.0
				10.56020	56.23800	85.00000	0.0	0.0	0.0
				11.31450	56.23800	85.00000	0.0	0.0	0.0
				12.06880	56.23800	85.00000	0.0	0.0	0.0
				12.82310	56.23800	85.00000	0.0	0.0	0.0
				13.57740	56.23800	85.00000	0.0	0.0	0.0
				14.33170	56.23800	85.00000	0.0	0.0	0.0
				15.08600	56.23800	85.00000	0.0	0.0	0.089234
				15.84030	56.23800	85.00000	0.0	0.0	0.20693
				16.59460	56.23800	85.00000	0.0	0.0	0.32264
				17.34890	56.23800	85.00000	0.0	0.0	0.43620
				18.10320	56.23800	85.00000	0.0	0.0	0.54745
				18.85750	56.23800	85.00000	0.0	0.0	0.65618
				19.61180	56.23800	85.00000	0.0	0.0	0.76221
				20.36610	56.23800	85.00000	0.0	0.0	0.86531
				21.12040	56.23800	85.00000	0.0	0.0	0.96524
				21.87470	56.23800	85.00000	0.030736	-0.035374	1.0750
				22.62900	56.23800	85.00000	0.093145	-0.11568	1.1863
				23.38330	56.23800	85.00000	0.16491	-0.22365	1.2884
				24.13760	56.23800	85.00000	0.23854	-0.35563	1.3833
				24.89190	56.23800	85.00000	0.29417	-0.48585	1.4724
				25.64620	56.23800	85.00000	0.33507	-0.61961	1.5574
				26.40050	56.23800	85.00000	0.36268	-0.75854	1.6389
				27.15480	56.23800	85.00000	0.37479	-0.89742	1.7160
				27.90910	56.23800	85.00000	0.37188	-1.0350	1.7882
				28.66340	56.23800	85.00000	0.35465	-1.1699	1.8550
				29.41770	56.23800	85.00000	0.32415	-1.3005	1.9154
				30.17200	56.23800	85.00000	0.28169	-1.4248	1.9685
				30.92630	56.23800	85.00000	0.22892	-1.5408	2.0133
				31.68060	56.23800	85.00000	-0.16776	-1.6464	2.0489
				32.43490	56.23800	85.00000	0.10039	-1.7392	2.0744
				33.18920	56.23800	85.00000	0.029196	-1.8172	2.0891
				33.94350	56.23800	85.00000	-0.043316	-1.8780	2.0927
				34.69780	56.23800	85.00000	-0.045647	-1.9467	2.1000
				35.45210	56.23800	85.00000	-0.047249	-2.0150	2.1071
				36.20640	56.23800	85.00000	-0.048836	-2.0827	2.1141
				36.96070	56.23800	85.00000	-0.050408	-2.1497	2.1209
				37.71500	56.23800	85.00000	-0.051459	-2.1946	2.1241
				38.46930	56.23800	85.00000	-0.050224	-2.1419	2.1118
				39.22360	56.23800	85.00000	-0.048998	-2.0896	2.0997
				39.97790	56.23800	85.00000	-0.047780	-2.0377	2.0877
				40.73220	56.23800	85.00000	-0.046571	-1.9861	2.0758
				41.48650	56.23800	85.00000	-0.078362	-1.9315	2.0646
				42.24080	56.23800	85.00000	-0.16334	-1.8587	2.0470
				42.99510	56.23800	85.00000	-0.24262	-1.7692	2.0187
				43.74940	56.23800	85.00000	-0.31334	-1.6649	1.9806
				44.50370	56.23800	85.00000	-0.37290	-1.5478	1.9333
				45.25800	56.23800	85.00000	-0.41901	-1.4198	1.8781
				46.01230	56.23800	85.00000	-0.45065	-1.2852	1.8162
				46.76660	56.23800	85.00000	-0.47123	-1.1603	1.7506
				47.52090	56.23800	85.00000	-0.47212	-1.0250	1.6791
				48.27520	56.23800	85.00000	-0.45235	-0.88013	1.6021
				49.02950	56.23800	85.00000	-0.41131	-0.72668	1.5201
				49.78380	56.23800	85.00000	-0.34868	-0.56545	1.4330
				50.53810	56.23800	85.00000	-0.26440	-0.39717	1.3402
				51.29240	56.23800	85.00000	-0.16107	-0.22592	1.2402
				52.04670	56.23800	85.00000	-0.081912	-0.11027	1.1316
				52.80100	56.23800	85.00000	0.0	0.0	1.0129
				53.55530	56.23800	85.00000	0.0	0.0	0.92294
				54.30960	56.23800	85.00000	0.0	0.0	0.83299
				55.06390	56.23800	85.00000	0.0	0.0	0.74302
				55.81820	56.23800	85.00000	0.0	0.0	0.65306
				56.57250	56.23800	85.00000	0.0	0.0	0.56310
				57.32680	56.23800	85.00000	0.0	0.0	0.47189
				58.08110	56.23800	85.00000	0.0	0.0	0.37746
				58.83540	56.23800	85.00000	0.0	0.0	0.27997
				59.58970	56.23800	85.00000	0.0	0.0	0.17960
				60.34400	56.23800	85.00000	0.0	0.0	0.076548
				61.09830	56.23800	85.00000	0.0	0.0	0.0
				61.85260	56.23800	85.00000	0.0	0.0	0.0
				62.60690	56.23800	85.00000	0.0	0.0	0.0
				63.36120	56.23800	85.00000	0.0	0.0	0.0
				64.11550	56.23800	85.00000	0.0	0.0	0.0
				64.86980	56.23800	85.00000	0.0	0.0	0.0
				65.62410	56.23800	85.00000	0.0	0.0	0.0
				66.37840	56.23800	85.00000	0.0	0.0	0.0
				67.13270	56.23800	85.00000	0.0	0.0	0.0
				67.88700	56.23800	85.00000	0.0	0.0	0.0
				68.64130	56.23800	85.00000	0.0	0.0	0.0
				69.39560	56.23800	85.00000	0.0	0.0	0.0
				70.14990	56.23800	85.00000	0.0	0.0	0.0
				70.90420	56.23800	85.00000	0.0	0.0	0.0
				71.65850	56.23800	85.00000	0.0	0.0	0.0
				72.41280	56.23800	85.00000	0.0	0.0	0.0
				73.16710	56.23800	85.00000	0.0	0.0	0.0
				73.92140	56.23800	85.00000	0.0	0.0	0.0
				74.67570	56.23800	85.00000	0.0	0.0	0.0
				75.43000	56.23800	85.00000	0.0	0.0	0.0
				0.00000	56.95900	85.00000	0.0	0.0	0.0



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				0.75430	56.95900	85.00000	0.0	0.0	0.0
				1.50860	56.95900	85.00000	0.0	0.0	0.0
				2.26290	56.95900	85.00000	0.0	0.0	0.0
				3.01720	56.95900	85.00000	0.0	0.0	0.0
				3.77150	56.95900	85.00000	0.0	0.0	0.0
				4.52580	56.95900	85.00000	0.0	0.0	0.0
				5.28010	56.95900	85.00000	0.0	0.0	0.0
				6.03440	56.95900	85.00000	0.0	0.0	0.0
				6.78870	56.95900	85.00000	0.0	0.0	0.0
				7.54300	56.95900	85.00000	0.0	0.0	0.0
				8.29730	56.95900	85.00000	0.0	0.0	0.0
				9.05160	56.95900	85.00000	0.0	0.0	0.0
				9.80590	56.95900	85.00000	0.0	0.0	0.0
				10.56020	56.95900	85.00000	0.0	0.0	0.0
				11.31450	56.95900	85.00000	0.0	0.0	0.0
				12.06880	56.95900	85.00000	0.0	0.0	0.0
				12.82310	56.95900	85.00000	0.0	0.0	0.0
				13.57740	56.95900	85.00000	0.0	0.0	0.0
				14.33170	56.95900	85.00000	0.0	0.0	0.0
				15.08600	56.95900	85.00000	0.0	0.0	0.0
				15.84030	56.95900	85.00000	0.0	0.0	0.11426
				16.59460	56.95900	85.00000	0.0	0.0	0.22762
				17.34890	56.95900	85.00000	0.0	0.0	0.33876
				18.10320	56.95900	85.00000	0.0	0.0	0.44751
				18.85750	56.95900	85.00000	0.0	0.0	0.55369
				19.61180	56.95900	85.00000	0.0	0.0	0.65709
				20.36610	56.95900	85.00000	0.0	0.0	0.75751
				21.12040	56.95900	85.00000	0.0	0.0	0.85471
				21.87470	56.95900	85.00000	0.0	0.0	0.94846
				22.62900	56.95900	85.00000	0.012211	-0.016053	1.0460
				23.38330	56.95900	85.00000	0.064292	-0.092110	1.1504
				24.13760	56.95900	85.00000	0.10952	-0.17275	1.2452
				24.89190	56.95900	85.00000	0.16903	-0.29660	1.3324
				25.64620	56.95900	85.00000	0.21615	-0.42493	1.4143
				26.40050	56.95900	85.00000	0.24886	-0.55319	1.4906
				27.15480	56.95900	85.00000	0.26750	-0.68042	1.5617
				27.90910	56.95900	85.00000	0.27257	-0.80548	1.6273
				28.66340	56.95900	85.00000	0.26484	-0.92702	1.6871
				29.41770	56.95900	85.00000	0.24529	-1.0435	1.7406
				30.17200	56.95900	85.00000	0.21537	-1.1534	1.7872
				30.92630	56.95900	85.00000	0.17598	-1.2546	1.8261
				31.68060	56.95900	85.00000	0.12944	-1.3455	1.8568
				32.43490	56.95900	85.00000	0.077486	-1.4239	1.8785
				33.18920	56.95900	85.00000	0.022206	-1.4880	1.8908
				33.94350	56.95900	85.00000	-0.034212	-1.5358	1.8934
				34.69780	56.95900	85.00000	-0.037314	-1.5913	1.8976
				35.45210	56.95900	85.00000	-0.038615	-1.6468	1.9019
				36.20640	56.95900	85.00000	-0.039902	-1.7017	1.9061
				36.96070	56.95900	85.00000	-0.041174	-1.7560	1.9101
				37.71500	56.95900	85.00000	-0.042063	-1.7939	1.9119
				38.46930	56.95900	85.00000	-0.041000	-1.7485	1.9020
				39.22360	56.95900	85.00000	-0.039946	-1.7036	1.8922
				39.97790	56.95900	85.00000	-0.038900	-1.6590	1.8826
				40.73220	56.95900	85.00000	-0.037863	-1.6147	1.8730
				41.48650	56.95900	85.00000	-0.060813	-1.5689	1.8639
				42.24080	56.95900	85.00000	-0.12621	-1.5079	1.8491
				42.99510	56.95900	85.00000	-0.18663	-1.4309	1.8250
				43.74940	56.95900	85.00000	-0.23954	-1.3394	1.7922
				44.50370	56.95900	85.00000	-0.28263	-1.2353	1.7512
				45.25800	56.95900	85.00000	-0.31383	-1.1202	1.7027
				46.01230	56.95900	85.00000	-0.33136	-0.99572	1.6475
				46.76660	56.95900	85.00000	-0.33784	-0.87521	1.5878
				47.52090	56.95900	85.00000	-0.32786	-0.74772	1.5223
				48.27520	56.95900	85.00000	-0.29920	-0.61062	1.4507
				49.02950	56.95900	85.00000	-0.25118	-0.46474	1.3729
				49.78380	56.95900	85.00000	-0.18336	-0.31082	1.2883
				50.53810	56.95900	85.00000	-0.11445	-0.17948	1.1958
				51.29240	56.95900	85.00000	-0.048018	-0.070292	1.0933
				52.04670	56.95900	85.00000	0.0	0.0	0.98684
				52.80100	56.95900	85.00000	0.0	0.0	0.89715
				53.55530	56.95900	85.00000	0.0	0.0	0.80719
				54.30960	56.95900	85.00000	0.0	0.0	0.71722
				55.06390	56.95900	85.00000	0.0	0.0	0.62726
				55.81820	56.95900	85.00000	0.0	0.0	0.53730
				56.57250	56.95900	85.00000	0.0	0.0	0.44734
				57.32680	56.95900	85.00000	0.0	0.0	0.35734
				58.08110	56.95900	85.00000	0.0	0.0	0.26530
				58.83540	56.95900	85.00000	0.0	0.0	0.17016
				59.58970	56.95900	85.00000	0.0	0.0	0.072126
				60.34400	56.95900	85.00000	0.0	0.0	0.0
				61.09830	56.95900	85.00000	0.0	0.0	0.0
				61.85260	56.95900	85.00000	0.0	0.0	0.0
				62.60690	56.95900	85.00000	0.0	0.0	0.0
				63.36120	56.95900	85.00000	0.0	0.0	0.0
				64.11550	56.95900	85.00000	0.0	0.0	0.0
				64.86980	56.95900	85.00000	0.0	0.0	0.0
				65.62410	56.95900	85.00000	0.0	0.0	0.0
				66.37840	56.95900	85.00000	0.0	0.0	0.0
				67.13270	56.95900	85.00000	0.0	0.0	0.0
				67.88700	56.95900	85.00000	0.0	0.0	0.0
				68.64130	56.95900	85.00000	0.0	0.0	0.0
				69.39560	56.95900	85.00000	0.0	0.0	0.0
				70.14990	56.95900	85.00000	0.0	0.0	0.0
				70.90420	56.95900	85.00000	0.0	0.0	0.0
				71.65850	56.95900	85.00000	0.0	0.0	0.0
				72.41280	56.95900	85.00000	0.0	0.0	0.0
				73.16710	56.95900	85.00000	0.0	0.0	0.0
				73.92140	56.95900	85.00000	0.0	0.0	0.0
				74.67570	56.95900	85.00000	0.0	0.0	0.0
				75.43000	56.95900	85.00000	0.0	0.0	0.0
				0.00000	57.68000	85.00000	0.0	0.0	0.0
				0.75430	57.68000	85.00000	0.0	0.0	0.0
				1.50860	57.68000	85.00000	0.0	0.0	0.0
				2.26290	57.68000	85.00000	0.0	0.0	0.0
				3.01720	57.68000	85.00000	0.0	0.0	0.0
				3.77150	57.68000	85.00000	0.0	0.0	0.0
				4.52580	57.68000	85.00000	0.0	0.0	0.0
				5.28010	57.68000	85.00000	0.0	0.0	0.0
				6.03440	57.68000	85.00000	0.0	0.0	0.0
				6.78870	57.68000	85.00000	0.0	0.0	0.0
				7.54300	57.68000	85.00000	0.0	0.0	0.0
				8.29730	57.68000	85.00000	0.0	0.0	0.0
				9.05160	57.68000	85.00000	0.0	0.0	0.0
				9.80590	57.68000	85.00000	0.0	0.0	0.0
				10.56020	57.68000	85.00000	0.0	0.0	0.0
				11.31450	57.68000	85.00000	0.0	0.0	0.0
				12.06880	57.68000	85.00000	0.0	0.0	0.0
				12.82310	57.68000	85.00000	0.0	0.0	0.0
				13.57740	57.68000	85.00000	0.0	0.0	0.0
				14.33170	57.68000	85.00000	0.0	0.0	0.0
				15.08600	57.68000	85.00000	0.0	0.0	0.0
				15.84030	57.68000	85.00000	0.0	0.0	0.019028
				16.59460	57.68000	85.00000	0.0	0.0	0.13008
				17.34890	57.68000	85.00000	0.0	0.0	0.23884
				18.10320	57.68000	85.00000	0.0	0.0	0.34516
				18.85750	57.68000	85.00000	0.0	0.0	0.44883
				19.61180	57.68000	85.00000	0.0	0.0	0.54968
				20.36610	57.68000	85.00000	0.0	0.0	0.64750
				21.12040	57.68000	85.00000	0.0	0.0	0.74207
				21.87470	57.68000	85.00000	0.0	0.0	0.83315



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				22.62900	57.68000	85.00000	0.0	0.0	0.92050
				23.38330	57.68000	85.00000	0.0	0.0	1.0039
				24.13760	57.68000	85.00000	0.033979	-0.056836	1.1002
				24.89190	57.68000	85.00000	0.068598	-0.12789	1.1888
				25.64620	57.68000	85.00000	0.10570	-0.22104	1.2696
				26.40050	57.68000	85.00000	0.14363	-0.33921	1.3435
				27.15480	57.68000	85.00000	0.16873	-0.45552	1.4110
				27.90910	57.68000	85.00000	0.18154	-0.56889	1.4723
				28.66340	57.68000	85.00000	0.18283	-0.67809	1.5274
				29.41770	57.68000	85.00000	0.17354	-0.78173	1.5760
				30.17200	57.68000	85.00000	-0.15485	-0.87831	1.6179
				30.92630	57.68000	85.00000	0.12812	-0.96619	1.6525
				31.68060	57.68000	85.00000	0.094915	-1.0437	1.6795
				32.43490	57.68000	85.00000	0.056950	-1.1091	1.6984
				33.18920	57.68000	85.00000	0.016069	-1.1606	1.7090
				33.94350	57.68000	85.00000	-0.025802	-1.1966	1.7109
				34.69780	57.68000	85.00000	-0.029052	-1.2390	1.7131
				35.45210	57.68000	85.00000	-0.030053	-1.2817	1.7154
				36.20640	57.68000	85.00000	-0.031040	-1.3238	1.7177
				36.96070	57.68000	85.00000	-0.032011	-1.3652	1.7199
				37.71500	57.68000	85.00000	-0.032716	-1.3952	1.7205
				38.46930	57.68000	85.00000	-0.031825	-1.3572	1.7124
				39.22360	57.68000	85.00000	-0.030942	-1.3196	1.7043
				39.97790	57.68000	85.00000	-0.030068	-1.2823	1.6963
				40.73220	57.68000	85.00000	-0.029201	-1.2454	1.6883
				41.48650	57.68000	85.00000	-0.044823	-1.2078	1.6806
				42.24080	57.68000	85.00000	-0.092464	-1.1575	1.6679
				42.99510	57.68000	85.00000	-0.13571	-1.0917	1.6469
				43.74940	57.68000	85.00000	-0.17233	-1.0119	1.6179
				44.50370	57.68000	85.00000	-0.20024	-0.91968	1.5813
				45.25800	57.68000	85.00000	-0.21758	-0.81642	1.5376
				46.01230	57.68000	85.00000	-0.22271	-0.70359	1.4871
				46.76660	57.68000	85.00000	-0.21589	-0.58733	1.4308
				47.52090	57.68000	85.00000	-0.19534	-0.46701	1.3686
				48.27520	57.68000	85.00000	-0.15786	-0.33703	1.2993
				49.02950	57.68000	85.00000	-0.10973	-0.21193	1.2223
				49.78380	57.68000	85.00000	-0.066182	-0.11712	1.1365
				50.53810	57.68000	85.00000	-0.010300	-0.016859	1.0403
				51.29240	57.68000	85.00000	0.0	0.0	0.95302
				52.04670	57.68000	85.00000	0.0	0.0	0.86916
				52.80100	57.68000	85.00000	0.0	0.0	0.78138
				53.55530	57.68000	85.00000	0.0	0.0	0.69143
				54.30960	57.68000	85.00000	0.0	0.0	0.60147
				55.06390	57.68000	85.00000	0.0	0.0	0.51151
				55.81820	57.68000	85.00000	0.0	0.0	0.42155
				56.57250	57.68000	85.00000	0.0	0.0	0.33158
				57.32680	57.68000	85.00000	0.0	0.0	0.24162
				58.08110	57.68000	85.00000	0.0	0.0	0.15136
				58.83540	57.68000	85.00000	0.0	0.0	0.058513
				59.58970	57.68000	85.00000	0.0	0.0	0.0
				60.34400	57.68000	85.00000	0.0	0.0	0.0
				61.09830	57.68000	85.00000	0.0	0.0	0.0
				61.85260	57.68000	85.00000	0.0	0.0	0.0
				62.60690	57.68000	85.00000	0.0	0.0	0.0
				63.36120	57.68000	85.00000	0.0	0.0	0.0
				64.11550	57.68000	85.00000	0.0	0.0	0.0
				64.86980	57.68000	85.00000	0.0	0.0	0.0
				65.62410	57.68000	85.00000	0.0	0.0	0.0
				66.37840	57.68000	85.00000	0.0	0.0	0.0
				67.13270	57.68000	85.00000	0.0	0.0	0.0
				67.88700	57.68000	85.00000	0.0	0.0	0.0
				68.64130	57.68000	85.00000	0.0	0.0	0.0
				69.39560	57.68000	85.00000	0.0	0.0	0.0
				70.14990	57.68000	85.00000	0.0	0.0	0.0
				70.90420	57.68000	85.00000	0.0	0.0	0.0
				71.65850	57.68000	85.00000	0.0	0.0	0.0
				72.41280	57.68000	85.00000	0.0	0.0	0.0
				73.16710	57.68000	85.00000	0.0	0.0	0.0
				73.92140	57.68000	85.00000	0.0	0.0	0.0
				74.67570	57.68000	85.00000	0.0	0.0	0.0
				75.43000	57.68000	85.00000	0.0	0.0	0.0
				0.00000	58.40100	85.00000	0.0	0.0	0.0
				0.75430	58.40100	85.00000	0.0	0.0	0.0
				1.50860	58.40100	85.00000	0.0	0.0	0.0
				2.26290	58.40100	85.00000	0.0	0.0	0.0
				3.01720	58.40100	85.00000	0.0	0.0	0.0
				3.77150	58.40100	85.00000	0.0	0.0	0.0
				4.52580	58.40100	85.00000	0.0	0.0	0.0
				5.28010	58.40100	85.00000	0.0	0.0	0.0
				6.03440	58.40100	85.00000	0.0	0.0	0.0
				6.78870	58.40100	85.00000	0.0	0.0	0.0
				7.54300	58.40100	85.00000	0.0	0.0	0.0
				8.29730	58.40100	85.00000	0.0	0.0	0.0
				9.05160	58.40100	85.00000	0.0	0.0	0.0
				9.80590	58.40100	85.00000	0.0	0.0	0.0
				10.56020	58.40100	85.00000	0.0	0.0	0.0
				11.31450	58.40100	85.00000	0.0	0.0	0.0
				12.06880	58.40100	85.00000	0.0	0.0	0.0
				12.82310	58.40100	85.00000	0.0	0.0	0.0
				13.57740	58.40100	85.00000	0.0	0.0	0.0
				14.33170	58.40100	85.00000	0.0	0.0	0.0
				15.08600	58.40100	85.00000	0.0	0.0	0.0
				15.84030	58.40100	85.00000	0.0	0.0	0.0
				16.59460	58.40100	85.00000	0.0	0.0	0.030173
				17.34890	58.40100	85.00000	0.0	0.0	0.13661
				18.10320	58.40100	85.00000	0.0	0.0	0.24053
				18.85750	58.40100	85.00000	0.0	0.0	0.34178
				19.61180	58.40100	85.00000	0.0	0.0	0.44015
				20.36610	58.40100	85.00000	0.0	0.0	0.53546
				21.12040	58.40100	85.00000	0.0	0.0	0.62748
				21.87470	58.40100	85.00000	0.0	0.0	0.71601
				22.62900	58.40100	85.00000	0.0	0.0	0.80080
				23.38330	58.40100	85.00000	0.0	0.0	0.88162
				24.13760	58.40100	85.00000	0.0	0.0	0.95821
				24.89190	58.40100	85.00000	0.0049525	-0.0097784	1.0356
				25.64620	58.40100	85.00000	0.034428	-0.076393	1.1184
				26.40050	58.40100	85.00000	0.056723	-0.14288	1.1926
				27.15480	58.40100	85.00000	0.077452	-0.22323	1.2592
				27.90910	58.40100	85.00000	0.097738	-0.32573	1.3186
				28.66340	58.40100	85.00000	0.10760	-0.42350	1.3712
				29.41770	58.40100	85.00000	0.10794	-0.51530	1.4170
				30.17200	58.40100	85.00000	0.099871	-0.59976	1.4559
				30.92630	58.40100	85.00000	0.084634	-0.67541	1.4878
				31.68060	58.40100	85.00000	0.063644	-0.74076	1.5123
				32.43490	58.40100	85.00000	0.038440	-0.79425	1.5293
				33.18920	58.40100	85.00000	0.010663	-0.83437	1.5387
				33.94350	58.40100	85.00000	-0.017985	-0.85964	1.5402
				34.69780	58.40100	85.00000	-0.020847	-0.88905	1.5409
				35.45210	58.40100	85.00000	-0.021547	-0.91891	1.5419
				36.20640	58.40100	85.00000	-0.022232	-0.94815	1.5427
				36.96070	58.40100	85.00000	-0.022903	-0.97675	1.5436
				37.71500	58.40100	85.00000	-0.023402	-0.99803	1.5434
				38.46930	58.40100	85.00000	-0.022682	-0.96732	1.5364
				39.22360	58.40100	85.00000	-0.021970	-0.93697	1.5294
				39.97790	58.40100	85.00000	-0.021267	-0.90698	1.5225
				40.73220	58.40100	85.00000	-0.020572	-0.87794	1.5156
				41.48650	58.40100	85.00000	-0.030171	-0.84773	1.5089
				42.24080	58.40100	85.00000	-0.061615	-0.80710	1.4975
				42.99510	58.40100	85.00000	-0.089158	-0.75155	1.4784
				43.74940	58.40100	85.00000	-0.11080	-0.68239	1.4518



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				44.50370	58.40100	85.00000	-0.12468	-0.60093	1.4179
				45.25800	58.40100	85.00000	-0.12910	-0.50851	1.3768
				46.01230	58.40100	85.00000	-0.12254	-0.40641	1.3287
				46.76660	58.40100	85.00000	-0.10400	-0.29665	1.2735
				47.52090	58.40100	85.00000	-0.081357	-0.20341	1.2117
				48.27520	58.40100	85.00000	-0.055765	-0.12440	1.1414
				49.02950	58.40100	85.00000	-0.019398	-0.039155	1.0616
				49.78380	58.40100	85.00000	0.0	0.0	0.98109
				50.53810	58.40100	85.00000	0.0	0.0	0.90830
				51.29240	58.40100	85.00000	0.0	0.0	0.83111
				52.04670	58.40100	85.00000	0.0	0.0	0.74976
				52.80100	58.40100	85.00000	0.0	0.0	0.66452
				53.55530	58.40100	85.00000	0.0	0.0	0.57567
				54.30960	58.40100	85.00000	0.0	0.0	0.48571
				55.06390	58.40100	85.00000	0.0	0.0	0.39575
				55.81820	58.40100	85.00000	0.0	0.0	0.30579
				56.57250	58.40100	85.00000	0.0	0.0	0.21583
				57.32680	58.40100	85.00000	0.0	0.0	0.12587
				58.08110	58.40100	85.00000	0.0	0.0	0.035905
				58.83540	58.40100	85.00000	0.0	0.0	0.0
				59.58970	58.40100	85.00000	0.0	0.0	0.0
				60.34400	58.40100	85.00000	0.0	0.0	0.0
				61.09830	58.40100	85.00000	0.0	0.0	0.0
				61.85260	58.40100	85.00000	0.0	0.0	0.0
				62.60690	58.40100	85.00000	0.0	0.0	0.0
				63.36120	58.40100	85.00000	0.0	0.0	0.0
				64.11550	58.40100	85.00000	0.0	0.0	0.0
				64.86980	58.40100	85.00000	0.0	0.0	0.0
				65.62410	58.40100	85.00000	0.0	0.0	0.0
				66.37840	58.40100	85.00000	0.0	0.0	0.0
				67.13270	58.40100	85.00000	0.0	0.0	0.0
				67.88700	58.40100	85.00000	0.0	0.0	0.0
				68.64130	58.40100	85.00000	0.0	0.0	0.0
				69.39560	58.40100	85.00000	0.0	0.0	0.0
				70.14990	58.40100	85.00000	0.0	0.0	0.0
				70.90420	58.40100	85.00000	0.0	0.0	0.0
				71.65850	58.40100	85.00000	0.0	0.0	0.0
				72.41280	58.40100	85.00000	0.0	0.0	0.0
				73.16710	58.40100	85.00000	0.0	0.0	0.0
				73.92140	58.40100	85.00000	0.0	0.0	0.0
				74.67570	58.40100	85.00000	0.0	0.0	0.0
				75.43000	58.40100	85.00000	0.0	0.0	0.0
				0.00000	59.12200	85.00000	0.0	0.0	0.0
				0.75430	59.12200	85.00000	0.0	0.0	0.0
				1.50860	59.12200	85.00000	0.0	0.0	0.0
				2.26290	59.12200	85.00000	0.0	0.0	0.0
				3.01720	59.12200	85.00000	0.0	0.0	0.0
				3.77150	59.12200	85.00000	0.0	0.0	0.0
				4.52580	59.12200	85.00000	0.0	0.0	0.0
				5.28010	59.12200	85.00000	0.0	0.0	0.0
				6.03440	59.12200	85.00000	0.0	0.0	0.0
				6.78870	59.12200	85.00000	0.0	0.0	0.0
				7.54300	59.12200	85.00000	0.0	0.0	0.0
				8.29730	59.12200	85.00000	0.0	0.0	0.0
				9.05160	59.12200	85.00000	0.0	0.0	0.0
				9.80590	59.12200	85.00000	0.0	0.0	0.0
				10.56020	59.12200	85.00000	0.0	0.0	0.0
				11.31450	59.12200	85.00000	0.0	0.0	0.0
				12.06880	59.12200	85.00000	0.0	0.0	0.0
				12.82310	59.12200	85.00000	0.0	0.0	0.0
				13.57740	59.12200	85.00000	0.0	0.0	0.0
				14.33170	59.12200	85.00000	0.0	0.0	0.0
				15.08600	59.12200	85.00000	0.0	0.0	0.0
				15.84030	59.12200	85.00000	0.0	0.0	0.0
				16.59460	59.12200	85.00000	0.0	0.0	0.0
				17.34890	59.12200	85.00000	0.0	0.032200	0.30571
				18.10320	59.12200	85.00000	0.0	0.0	0.13380
				18.85750	59.12200	85.00000	0.0	0.0	0.23268
				19.61180	59.12200	85.00000	0.0	0.0	0.32865
				20.36610	59.12200	85.00000	0.0	0.0	0.42153
				21.12040	59.12200	85.00000	0.0	0.0	0.51111
				21.87470	59.12200	85.00000	0.0	0.0	0.59718
				22.62900	59.12200	85.00000	0.0	0.0	0.67953
				23.38330	59.12200	85.00000	0.0	0.0	0.75792
				24.13760	59.12200	85.00000	0.0	0.0	0.83212
				24.89190	59.12200	85.00000	0.0	0.0	0.90190
				25.64620	59.12200	85.00000	0.0	0.0	0.96700
				26.40050	59.12200	85.00000	0.0028034	-0.0074485	1.0319
				27.15480	59.12200	85.00000	0.021871	-0.066734	1.1002
				27.90910	59.12200	85.00000	0.034924	-0.12424	1.1603
				28.66340	59.12200	85.00000	0.042384	-0.17924	1.2126
				29.41770	59.12200	85.00000	0.047692	-0.24441	1.2576
				30.17200	59.12200	85.00000	0.049518	-0.31773	1.2953
				30.92630	59.12200	85.00000	0.044918	-0.38219	1.3258
				31.68060	59.12200	85.00000	0.035174	-0.43643	1.3491
				32.43490	59.12200	85.00000	0.021673	-0.47909	1.3651
				33.18920	59.12200	85.00000	0.0058838	-0.50880	1.3737
				33.94350	59.12200	85.00000	-0.010674	-0.52425	1.3749
				34.69780	59.12200	85.00000	-0.012681	-0.54082	1.3744
				35.45210	59.12200	85.00000	-0.013080	-0.55784	1.3741
				36.20640	59.12200	85.00000	-0.013465	-0.57423	1.3737
				36.96070	59.12200	85.00000	-0.013834	-0.58999	1.3732
				37.71500	59.12200	85.00000	-0.014106	-0.60158	1.3722
				38.46930	59.12200	85.00000	-0.013557	-0.57816	1.3659
				39.22360	59.12200	85.00000	-0.013016	-0.55508	1.3597
				39.97790	59.12200	85.00000	-0.012483	-0.53237	1.3535
				40.73220	59.12200	85.00000	-0.011959	-0.51001	1.3474
				41.48650	59.12200	85.00000	-0.016669	-0.48799	1.3413
				42.24080	59.12200	85.00000	-0.033263	-0.45623	1.3306
				42.99510	59.12200	85.00000	-0.046369	-0.41004	1.3124
				43.74940	59.12200	85.00000	-0.054191	-0.35057	1.2868
				44.50370	59.12200	85.00000	-0.055044	-0.27900	1.2538
				45.25800	59.12200	85.00000	-0.052507	-0.21729	1.2132
				46.01230	59.12200	85.00000	-0.045033	-0.15664	1.1650
				46.76660	59.12200	85.00000	-0.030464	-0.091044	1.1088
				47.52090	59.12200	85.00000	-0.0082650	-0.021623	1.0442
				48.27520	59.12200	85.00000	0.0	0.0	0.97997
				49.02950	59.12200	85.00000	0.0	0.0	0.91891
				49.78380	59.12200	85.00000	0.0	0.0	0.85303
				50.53810	59.12200	85.00000	0.0	0.0	0.78256
				51.29240	59.12200	85.00000	0.0	0.0	0.70774
				52.04670	59.12200	85.00000	0.0	0.0	0.62880
				52.80100	59.12200	85.00000	0.0	0.0	0.54598
				53.55530	59.12200	85.00000	0.0	0.0	0.45949
				54.30960	59.12200	85.00000	0.0	0.0	0.36996
				55.06390	59.12200	85.00000	0.0	0.0	0.28000
				55.81820	59.12200	85.00000	0.0	0.0	0.19003
				56.57250	59.12200	85.00000	0.0	0.0	0.10007
				57.32680	59.12200	85.00000	0.0	0.0	0.010111
				58.08110	59.12200	85.00000	0.0	0.0	0.0
				58.83540	59.12200	85.00000	0.0	0.0	0.0
				59.58970	59.12200	85.00000	0.0	0.0	0.0
				60.34400	59.12200	85.00000	0.0	0.0	0.0
				61.09830	59.12200	85.00000	0.0	0.0	0.0
				61.85260	59.12200	85.00000	0.0	0.0	0.0
				62.60690	59.12200	85.00000	0.0	0.0	0.0
				63.36120	59.12200	85.00000	0.0	0.0	0.0
				64.11550	59.12200	85.00000	0.0	0.0	0.0
				64.86980	59.12200	85.00000	0.0	0.0	0.0
				65.62410	59.12200	85.00000	0.0	0.0	0.0



Highgate Cemetery
B1

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				66.37840	59.12200	85.00000	0.0	0.0	0.0
				67.13270	59.12200	85.00000	0.0	0.0	0.0
				67.88700	59.12200	85.00000	0.0	0.0	0.0
				68.64130	59.12200	85.00000	0.0	0.0	0.0
				69.39560	59.12200	85.00000	0.0	0.0	0.0
				70.14990	59.12200	85.00000	0.0	0.0	0.0
				70.90420	59.12200	85.00000	0.0	0.0	0.0
				71.65850	59.12200	85.00000	0.0	0.0	0.0
				72.41280	59.12200	85.00000	0.0	0.0	0.0
				73.16710	59.12200	85.00000	0.0	0.0	0.0
				73.92140	59.12200	85.00000	0.0	0.0	0.0
				74.67570	59.12200	85.00000	0.0	0.0	0.0
				75.43000	59.12200	85.00000	0.0	0.0	0.0
				0.00000	59.84300	85.00000	0.0	0.0	0.0
				0.75430	59.84300	85.00000	0.0	0.0	0.0
				1.50860	59.84300	85.00000	0.0	0.0	0.0
				2.26290	59.84300	85.00000	0.0	0.0	0.0
				3.01720	59.84300	85.00000	0.0	0.0	0.0
				3.77150	59.84300	85.00000	0.0	0.0	0.0
				4.52580	59.84300	85.00000	0.0	0.0	0.0
				5.28010	59.84300	85.00000	0.0	0.0	0.0
				6.03440	59.84300	85.00000	0.0	0.0	0.0
				6.78870	59.84300	85.00000	0.0	0.0	0.0
				7.54300	59.84300	85.00000	0.0	0.0	0.0
				8.29730	59.84300	85.00000	0.0	0.0	0.0
				9.05160	59.84300	85.00000	0.0	0.0	0.0
				9.80590	59.84300	85.00000	0.0	0.0	0.0
				10.56020	59.84300	85.00000	0.0	0.0	0.0
				11.31450	59.84300	85.00000	0.0	0.0	0.0
				12.06880	59.84300	85.00000	0.0	0.0	0.0
				12.82310	59.84300	85.00000	0.0	0.0	0.0
				13.57740	59.84300	85.00000	0.0	0.0	0.0
				14.33170	59.84300	85.00000	0.0	0.0	0.0
				15.08600	59.84300	85.00000	0.0	0.0	0.0
				15.84030	59.84300	85.00000	0.0	0.0	0.0
				16.59460	59.84300	85.00000	0.0	0.0	0.0
				17.34890	59.84300	85.00000	0.0	0.0	0.0
				18.10320	59.84300	85.00000	0.0	0.0	0.025098
				18.85750	59.84300	85.00000	0.0	0.0	0.12168
				19.61180	59.84300	85.00000	0.0	0.0	0.21533
				20.36610	59.84300	85.00000	0.0	0.0	0.30586
				21.12040	59.84300	85.00000	0.0	0.0	0.39309
				21.87470	59.84300	85.00000	0.0	0.0	0.47681
				22.62900	59.84300	85.00000	0.0	0.0	0.55682
				23.38330	59.84300	85.00000	0.0	0.0	0.63291
				24.13760	59.84300	85.00000	0.0	0.0	0.70484
				24.89190	59.84300	85.00000	0.0	0.0	0.77241
				25.64620	59.84300	85.00000	0.0	0.0	0.83539
				26.40050	59.84300	85.00000	0.0	0.0	0.89355
				27.15480	59.84300	85.00000	0.0	0.0	0.94668
				27.90910	59.84300	85.00000	0.0	0.0	0.99457
				28.66340	59.84300	85.00000	0.0044445	-0.019739	1.0445
				29.41770	59.84300	85.00000	0.011915	-0.064510	1.0906
				30.17200	59.84300	85.00000	0.015339	-0.10501	1.1288
				30.92630	59.84300	85.00000	0.015346	-0.14042	1.1594
				31.68060	59.84300	85.00000	0.012626	-0.16990	1.1826
				32.43490	59.84300	85.00000	0.0079243	-0.19260	1.1983
				33.18920	59.84300	85.00000	0.0020223	-0.20767	1.2066
				33.94350	59.84300	85.00000	-0.0042723	-0.21427	1.2075
				34.69780	59.84300	85.00000	-0.0051905	-0.22136	1.2054
				35.45210	59.84300	85.00000	-0.0053610	-0.22863	1.2035
				36.20640	59.84300	85.00000	-0.0055167	-0.23527	1.2015
				36.96070	59.84300	85.00000	-0.0056576	-0.24128	1.1993
				37.71500	59.84300	85.00000	-0.0057538	-0.24538	1.1969
				38.46930	59.84300	85.00000	-0.0054478	-0.23233	1.1912
				39.22360	59.84300	85.00000	-0.0051502	-0.21964	1.1856
				39.97790	59.84300	85.00000	-0.0048610	-0.20731	1.1800
				40.73220	59.84300	85.00000	-0.0045801	-0.19533	1.1745
				41.48650	59.84300	85.00000	-0.0060290	-0.18377	1.1689
				42.24080	59.84300	85.00000	-0.011596	-0.16656	1.1584
				42.99510	59.84300	85.00000	-0.015156	-0.14043	1.1402
				43.74940	59.84300	85.00000	-0.015678	-0.10616	1.1142
				44.50370	59.84300	85.00000	-0.012185	-0.064531	1.0803
				45.25800	59.84300	85.00000	-0.0037784	-0.016335	1.0383
				46.01230	59.84300	85.00000	0.0	0.0	0.99328
				46.76660	59.84300	85.00000	0.0	0.0	0.94970
				47.52090	59.84300	85.00000	0.0	0.0	0.90077
				48.27520	59.84300	85.00000	0.0	0.0	0.84668
				49.02950	59.84300	85.00000	0.0	0.0	0.78765
				49.78380	59.84300	85.00000	0.0	0.0	0.72389
				50.53810	59.84300	85.00000	0.0	0.0	0.65562
				51.29240	59.84300	85.00000	0.0	0.0	0.58305
				52.04670	59.84300	85.00000	0.0	0.0	0.50640
				52.80100	59.84300	85.00000	0.0	0.0	0.42590
				53.55530	59.84300	85.00000	0.0	0.0	0.34174
				54.30960	59.84300	85.00000	0.0	0.0	0.25413
				55.06390	59.84300	85.00000	0.0	0.0	0.16424
				55.81820	59.84300	85.00000	0.0	0.0	0.074278
				56.57250	59.84300	85.00000	0.0	0.0	0.0
				57.32680	59.84300	85.00000	0.0	0.0	0.0
				58.08110	59.84300	85.00000	0.0	0.0	0.0
				58.83540	59.84300	85.00000	0.0	0.0	0.0
				59.58970	59.84300	85.00000	0.0	0.0	0.0
				60.34400	59.84300	85.00000	0.0	0.0	0.0
				61.09830	59.84300	85.00000	0.0	0.0	0.0
				61.85260	59.84300	85.00000	0.0	0.0	0.0
				62.60690	59.84300	85.00000	0.0	0.0	0.0
				63.36120	59.84300	85.00000	0.0	0.0	0.0
				64.11550	59.84300	85.00000	0.0	0.0	0.0
				64.86980	59.84300	85.00000	0.0	0.0	0.0
				65.62410	59.84300	85.00000	0.0	0.0	0.0
				66.37840	59.84300	85.00000	0.0	0.0	0.0
				67.13270	59.84300	85.00000	0.0	0.0	0.0
				67.88700	59.84300	85.00000	0.0	0.0	0.0
				68.64130	59.84300	85.00000	0.0	0.0	0.0
				69.39560	59.84300	85.00000	0.0	0.0	0.0
				70.14990	59.84300	85.00000	0.0	0.0	0.0
				70.90420	59.84300	85.00000	0.0	0.0	0.0
				71.65850	59.84300	85.00000	0.0	0.0	0.0
				72.41280	59.84300	85.00000	0.0	0.0	0.0
				73.16710	59.84300	85.00000	0.0	0.0	0.0
				73.92140	59.84300	85.00000	0.0	0.0	0.0
				74.67570	59.84300	85.00000	0.0	0.0	0.0
				75.43000	59.84300	85.00000	0.0	0.0	0.0
				0.00000	60.56400	85.00000	0.0	0.0	0.0
				0.75430	60.56400	85.00000	0.0	0.0	0.0
				1.50860	60.56400	85.00000	0.0	0.0	0.0
				2.26290	60.56400	85.00000	0.0	0.0	0.0
				3.01720	60.56400	85.00000	0.0	0.0	0.0
				3.77150	60.56400	85.00000	0.0	0.0	0.0
				4.52580	60.56400	85.00000	0.0	0.0	0.0
				5.28010	60.56400	85.00000	0.0	0.0	0.0
				6.03440	60.56400	85.00000	0.0	0.0	0.0
				6.78870	60.56400	85.00000	0.0	0.0	0.0
				7.54300	60.56400	85.00000	0.0	0.0	0.0
				8.29730	60.56400	85.00000	0.0	0.0	0.0
				9.05160	60.56400	85.00000	0.0	0.0	0.0
				9.80590	60.56400	85.00000	0.0	0.0	0.0
				10.56020	60.56400	85.00000	0.0	0.0	0.0
				11.31450	60.56400	85.00000	0.0	0.0	0.0

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				12.06880	60.56400	85.00000	0.0	0.0	0.0						
				12.82310	60.56400	85.00000	0.0	0.0	0.0						
				13.57740	60.56400	85.00000	0.0	0.0	0.0						
				14.33170	60.56400	85.00000	0.0	0.0	0.0						
				15.08600	60.56400	85.00000	0.0	0.0	0.0						
				15.84030	60.56400	85.00000	0.0	0.0	0.0						
				16.59460	60.56400	85.00000	0.0	0.0	0.0						
				17.34890	60.56400	85.00000	0.0	0.0	0.0						
				18.10320	60.56400	85.00000	0.0	0.0	0.0						
				18.85750	60.56400	85.00000	0.0	0.0	0.0089077						
				19.61180	60.56400	85.00000	0.0	0.0	0.10031						
				20.36610	60.56400	85.00000	0.0	0.0	0.18858						
				21.12040	60.56400	85.00000	0.0	0.0	0.27355						
				21.87470	60.56400	85.00000	0.0	0.0	0.35502						
				22.62900	60.56400	85.00000	0.0	0.0	0.43280						
				23.38330	60.56400	85.00000	0.0	0.0	0.50669						
				24.13760	60.56400	85.00000	0.0	0.0	0.57647						
				24.89190	60.56400	85.00000	0.0	0.0	0.64196						
				25.64620	60.56400	85.00000	0.0	0.0	0.70293						
				26.40050	60.56400	85.00000	0.0	0.0	0.75918						
				27.15480	60.56400	85.00000	0.0	0.0	0.81053						
				27.90910	60.56400	85.00000	0.0	0.0	0.85676						
				28.66340	60.56400	85.00000	0.0	0.0	0.89771						
				29.41770	60.56400	85.00000	0.0	0.0	0.93320						
				30.17200	60.56400	85.00000	0.0	0.0	0.96309						
				30.92630	60.56400	85.00000	0.0	0.0	0.98723						
				31.68060	60.56400	85.00000	0.0	0.0	1.0055						
				32.43490	60.56400	85.00000	0.0	0.0	1.0179						
				33.18920	60.56400	85.00000	54.225E-6	-0.0059667	1.0286						
				33.94350	60.56400	85.00000	-129.10E-6	-0.0066368	1.0291						
				34.69780	60.56400	85.00000	-40.575E-6	-0.0017304	1.0248						
				35.45210	60.56400	85.00000	0.0	0.0	1.0176						
				36.20640	60.56400	85.00000	0.0	0.0	1.0141						
				36.96070	60.56400	85.00000	0.0	0.0	1.0105						
				37.71500	60.56400	85.00000	0.0	0.0	1.0070						
				38.46930	60.56400	85.00000	0.0	0.0	1.0035						
				39.22360	60.56400	85.00000	0.0	0.0	0.99992						
				39.97790	60.56400	85.00000	0.0	0.0	0.99638						
				40.73220	60.56400	85.00000	0.0	0.0	0.99285						
				41.48650	60.56400	85.00000	0.0	0.0	0.98914						
				42.24080	60.56400	85.00000	0.0	0.0	0.98120						
				42.99510	60.56400	85.00000	0.0	0.0	0.96734						
				43.74940	60.56400	85.00000	0.0	0.0	0.94761						
				44.50370	60.56400	85.00000	0.0	0.0	0.92211						
				45.25800	60.56400	85.00000	0.0	0.0	0.89095						
				46.01230	60.56400	85.00000	0.0	0.0	0.85427						
				46.76660	60.56400	85.00000	0.0	0.0	0.81221						
				47.52090	60.56400	85.00000	0.0	0.0	0.76495						
				48.27520	60.56400	85.00000	0.0	0.0	0.71266						
				49.02950	60.56400	85.00000	0.0	0.0	0.65554						
				49.78380	60.56400	85.00000	0.0	0.0	0.59378						
				50.53810	60.56400	85.00000	0.0	0.0	0.52758						
				51.29240	60.56400	85.00000	0.0	0.0	0.45715						
				52.04670	60.56400	85.00000	0.0	0.0	0.38269						
				52.80100	60.56400	85.00000	0.0	0.0	0.30440						
				53.55530	60.56400	85.00000	0.0	0.0	0.22247						
				54.30960	60.56400	85.00000	0.0	0.0	0.13710						
				55.06390	60.56400	85.00000	0.0	0.0	0.048484						
				55.81820	60.56400	85.00000	0.0	0.0	0.0						
				56.57250	60.56400	85.00000	0.0	0.0	0.0						
				57.32680	60.56400	85.00000	0.0	0.0	0.0						
				58.08110	60.56400	85.00000	0.0	0.0	0.0						
				58.83540	60.56400	85.00000	0.0	0.0	0.0						
				59.58970	60.56400	85.00000	0.0	0.0	0.0						
				60.34400	60.56400	85.00000	0.0	0.0	0.0						
				61.09830	60.56400	85.00000	0.0	0.0	0.0						
				61.85260	60.56400	85.00000	0.0	0.0	0.0						
				62.60690	60.56400	85.00000	0.0	0.0	0.0						
				63.36120	60.56400	85.00000	0.0	0.0	0.0						
				64.11550	60.56400	85.00000	0.0	0.0	0.0						
				64.86980	60.56400	85.00000	0.0	0.0	0.0						
				65.62410	60.56400	85.00000	0.0	0.0	0.0						
				66.37840	60.56400	85.00000	0.0	0.0	0.0						
				67.13270	60.56400	85.00000	0.0	0.0	0.0						
				67.88700	60.56400	85.00000	0.0	0.0	0.0						
				68.64130	60.56400	85.00000	0.0	0.0	0.0						
				69.39560	60.56400	85.00000	0.0	0.0	0.0						
				70.14990	60.56400	85.00000	0.0	0.0	0.0						
				70.90420	60.56400	85.00000	0.0	0.0	0.0						
				71.65850	60.56400	85.00000	0.0	0.0	0.0						
				72.41280	60.56400	85.00000	0.0	0.0	0.0						
				73.16710	60.56400	85.00000	0.0	0.0	0.0						
				73.92140	60.56400	85.00000	0.0	0.0	0.0						
				74.67570	60.56400	85.00000	0.0	0.0	0.0						
				75.43000	60.56400	85.00000	0.0	0.0	0.0						
				0.00000	61.28500	85.00000	0.0	0.0	0.0						
				0.75430	61.28500	85.00000	0.0	0.0	0.0						
				1.50860	61.28500	85.00000	0.0	0.0	0.0						
				2.26290	61.28500	85.00000	0.0	0.0	0.0						
				3.01720	61.28500	85.00000	0.0	0.0	0.0						
				3.77150	61.28500	85.00000	0.0	0.0	0.0						
				4.52580	61.28500	85.00000	0.0	0.0	0.0						
				5.28010	61.28500	85.00000	0.0	0.0	0.0						
				6.03440	61.28500	85.00000	0.0	0.0	0.0						
				6.78870	61.28500	85.00000	0.0	0.0	0.0						
				7.54300	61.28500	85.00000	0.0	0.0	0.0						
				8.29730	61.28500	85.00000	0.0	0.0	0.0						
				9.05160	61.28500	85.00000	0.0	0.0	0.0						
				9.80590	61.28500	85.00000	0.0	0.0	0.0						
				10.56020	61.28500	85.00000	0.0	0.0	0.0						
				11.31450	61.28500	85.00000	0.0	0.0	0.0						
				12.06880	61.28500	85.00000	0.0	0.0	0.0						
				12.82310	61.28500	85.00000	0.0	0.0	0.0						
				13.57740	61.28500	85.00000	0.0	0.0	0.0						
				14.33170	61.28500	85.00000	0.0	0.0	0.0						
				15.08600	61.28500	85.00000	0.0	0.0	0.0						
				15.84030	61.28500	85.00000	0.0	0.0	0.0						
				16.59460	61.28500	85.00000	0.0	0.0	0.0						
				17.34890	61.28500	85.00000	0.0	0.0	0.0						
				18.10320	61.28500	85.00000	0.0	0.0	0.0						
				18.85750	61.28500	85.00000	0.0	0.0	0.0						
				19.61180	61.28500	85.00000	0.0	0.0	0.0						
				20.36610	61.28500	85.00000	0.0	0.0	0.069821						
				21.12040	61.28500	85.00000	0.0	0.0	0.15262						
				21.87470	61.28500	85.00000	0.0	0.0	0.23193						
				22.62900	61.28500	85.00000	0.0	0.0	0.30758						
				23.38330	61.28500	85.00000	0.0	0.0	0.37937						
				24.13760	61.28500	85.00000	0.0	0.0	0.44711						
				24.89190	61.28500	85.00000	0.0	0.0	0.51062						
				25.64620	61.28500	85.00000	0.0	0.0	0.56970						
				26.40050	61.28500	85.00000	0.0	0.0	0.62416						
				27.15480	61.28500	85.00000	0.0	0.0	0.67382						
				27.90910	61.28500	85.00000	0.0	0.0	0.71851						
				28.66340	61.28500	85.00000	0.0	0.0	0.75806						
				29.41770	61.28500	85.00000	0.0	0.0	0.79231						
				30.17200	61.28500	85.00000	0.0	0.0	0.82114						
				30.92630	61.28500	85.00000	0.0	0.0	0.84442						
				31.68060	61.28500	85.00000	0.0	0.0	0.86205						
				32.43490	61.28500	85.00000	0.0	0.0	0.87396						
				33.18920	61.28500	85.00000	0.0	0.0	0.88010						



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				33.94350	61.28500	85.00000	0.0	0.0	0.88043
				34.69780	61.28500	85.00000	0.0	0.0	0.87698
				35.45210	61.28500	85.00000	0.0	0.0	0.87344
				36.20640	61.28500	85.00000	0.0	0.0	0.86990
				36.96070	61.28500	85.00000	0.0	0.0	0.86637
				37.71500	61.28500	85.00000	0.0	0.0	0.86283
				38.46930	61.28500	85.00000	0.0	0.0	0.85929
				39.22360	61.28500	85.00000	0.0	0.0	0.85576
				39.97790	61.28500	85.00000	0.0	0.0	0.85222
				40.73220	61.28500	85.00000	0.0	0.0	0.84869
				41.48650	61.28500	85.00000	0.0	0.0	0.84501
				42.24080	61.28500	85.00000	0.0	0.0	0.83737
				42.99510	61.28500	85.00000	0.0	0.0	0.82400
				43.74940	61.28500	85.00000	0.0	0.0	0.80498
				44.50370	61.28500	85.00000	0.0	0.0	0.78039
				45.25800	61.28500	85.00000	0.0	0.0	0.75032
				46.01230	61.28500	85.00000	0.0	0.0	0.71490
				46.76660	61.28500	85.00000	0.0	0.0	0.67426
				47.52090	61.28500	85.00000	0.0	0.0	0.62856
				48.27520	61.28500	85.00000	0.0	0.0	0.57796
				49.02950	61.28500	85.00000	0.0	0.0	0.52264
				49.78380	61.28500	85.00000	0.0	0.0	0.46277
				50.53810	61.28500	85.00000	0.0	0.0	0.39854
				51.29240	61.28500	85.00000	0.0	0.0	0.33014
				52.04670	61.28500	85.00000	0.0	0.0	0.25776
				52.80100	61.28500	85.00000	0.0	0.0	0.18159
				53.55530	61.28500	85.00000	0.0	0.0	0.10181
				54.30960	61.28500	85.00000	0.0	0.0	0.018590
				55.06390	61.28500	85.00000	0.0	0.0	0.0
				55.81820	61.28500	85.00000	0.0	0.0	0.0
				56.57250	61.28500	85.00000	0.0	0.0	0.0
				57.32680	61.28500	85.00000	0.0	0.0	0.0
				58.08110	61.28500	85.00000	0.0	0.0	0.0
				58.83540	61.28500	85.00000	0.0	0.0	0.0
				59.58970	61.28500	85.00000	0.0	0.0	0.0
				60.34400	61.28500	85.00000	0.0	0.0	0.0
				61.09830	61.28500	85.00000	0.0	0.0	0.0
				61.85260	61.28500	85.00000	0.0	0.0	0.0
				62.60690	61.28500	85.00000	0.0	0.0	0.0
				63.36120	61.28500	85.00000	0.0	0.0	0.0
				64.11550	61.28500	85.00000	0.0	0.0	0.0
				64.86980	61.28500	85.00000	0.0	0.0	0.0
				65.62410	61.28500	85.00000	0.0	0.0	0.0
				66.37840	61.28500	85.00000	0.0	0.0	0.0
				67.13270	61.28500	85.00000	0.0	0.0	0.0
				67.88700	61.28500	85.00000	0.0	0.0	0.0
				68.64130	61.28500	85.00000	0.0	0.0	0.0
				69.39560	61.28500	85.00000	0.0	0.0	0.0
				70.14990	61.28500	85.00000	0.0	0.0	0.0
				70.90420	61.28500	85.00000	0.0	0.0	0.0
				71.65850	61.28500	85.00000	0.0	0.0	0.0
				72.41280	61.28500	85.00000	0.0	0.0	0.0
				73.16710	61.28500	85.00000	0.0	0.0	0.0
				73.92140	61.28500	85.00000	0.0	0.0	0.0
				74.67570	61.28500	85.00000	0.0	0.0	0.0
				75.43000	61.28500	85.00000	0.0	0.0	0.0
				0.00000	62.00600	85.00000	0.0	0.0	0.0
				0.75430	62.00600	85.00000	0.0	0.0	0.0
				1.50860	62.00600	85.00000	0.0	0.0	0.0
				2.26290	62.00600	85.00000	0.0	0.0	0.0
				3.01720	62.00600	85.00000	0.0	0.0	0.0
				3.77150	62.00600	85.00000	0.0	0.0	0.0
				4.52580	62.00600	85.00000	0.0	0.0	0.0
				5.28010	62.00600	85.00000	0.0	0.0	0.0
				6.03440	62.00600	85.00000	0.0	0.0	0.0
				6.78870	62.00600	85.00000	0.0	0.0	0.0
				7.54300	62.00600	85.00000	0.0	0.0	0.0
				8.29730	62.00600	85.00000	0.0	0.0	0.0
				9.05160	62.00600	85.00000	0.0	0.0	0.0
				9.80590	62.00600	85.00000	0.0	0.0	0.0
				10.56020	62.00600	85.00000	0.0	0.0	0.0
				11.31450	62.00600	85.00000	0.0	0.0	0.0
				12.06880	62.00600	85.00000	0.0	0.0	0.0
				12.82310	62.00600	85.00000	0.0	0.0	0.0
				13.57740	62.00600	85.00000	0.0	0.0	0.0
				14.33170	62.00600	85.00000	0.0	0.0	0.0
				15.08600	62.00600	85.00000	0.0	0.0	0.0
				15.84030	62.00600	85.00000	0.0	0.0	0.0
				16.59460	62.00600	85.00000	0.0	0.0	0.0
				17.34890	62.00600	85.00000	0.0	0.0	0.0
				18.10320	62.00600	85.00000	0.0	0.0	0.0
				18.85750	62.00600	85.00000	0.0	0.0	0.0
				19.61180	62.00600	85.00000	0.0	0.0	0.0
				20.36610	62.00600	85.00000	0.0	0.0	0.0
				21.12040	62.00600	85.00000	0.0	0.0	0.030388
				21.87470	62.00600	85.00000	0.0	0.0	0.10764
				22.62900	62.00600	85.00000	0.0	0.0	0.18125
				23.38330	62.00600	85.00000	0.0	0.0	0.25104
				24.13760	62.00600	85.00000	0.0	0.0	0.31685
				24.89190	62.00600	85.00000	0.0	0.0	0.37848
				25.64620	62.00600	85.00000	0.0	0.0	0.43577
				26.40050	62.00600	85.00000	0.0	0.0	0.48854
				27.15480	62.00600	85.00000	0.0	0.0	0.53662
				27.90910	62.00600	85.00000	0.0	0.0	0.57986
				28.66340	62.00600	85.00000	0.0	0.0	0.61809
				29.41770	62.00600	85.00000	0.0	0.0	0.65119
				30.17200	62.00600	85.00000	0.0	0.0	0.67903
				30.92630	62.00600	85.00000	0.0	0.0	0.70150
				31.68060	62.00600	85.00000	0.0	0.0	0.71852
				32.43490	62.00600	85.00000	0.0	0.0	0.73001
				33.18920	62.00600	85.00000	0.0	0.0	0.73593
				33.94350	62.00600	85.00000	0.0	0.0	0.73625
				34.69780	62.00600	85.00000	0.0	0.0	0.73282
				35.45210	62.00600	85.00000	0.0	0.0	0.72928
				36.20640	62.00600	85.00000	0.0	0.0	0.72574
				36.96070	62.00600	85.00000	0.0	0.0	0.72221
				37.71500	62.00600	85.00000	0.0	0.0	0.71867
				38.46930	62.00600	85.00000	0.0	0.0	0.71513
				39.22360	62.00600	85.00000	0.0	0.0	0.71160
				39.97790	62.00600	85.00000	0.0	0.0	0.70806
				40.73220	62.00600	85.00000	0.0	0.0	0.70453
				41.48650	62.00600	85.00000	0.0	0.0	0.70088
				42.24080	62.00600	85.00000	0.0	0.0	0.69350
				42.99510	62.00600	85.00000	0.0	0.0	0.68061
				43.74940	62.00600	85.00000	0.0	0.0	0.66225
				44.50370	62.00600	85.00000	0.0	0.0	0.63850
				45.25800	62.00600	85.00000	0.0	0.0	0.60945
				46.01230	62.00600	85.00000	0.0	0.0	0.57520
				46.76660	62.00600	85.00000	0.0	0.0	0.53590
				47.52090	62.00600	85.00000	0.0	0.0	0.49166
				48.27520	62.00600	85.00000	0.0	0.0	0.44265
				49.02950	62.00600	85.00000	0.0	0.0	0.38903
				49.78380	62.00600	85.00000	0.0	0.0	0.33095
				50.53810	62.00600	85.00000	0.0	0.0	0.26859
				51.29240	62.00600	85.00000	0.0	0.0	0.20213
				52.04670	62.00600	85.00000	0.0	0.0	0.13173
				52.80100	62.00600	85.00000	0.0	0.0	0.057580
				53.55530	62.00600	85.00000	0.0	0.0	0.0
				54.30960	62.00600	85.00000	0.0	0.0	0.0
				55.06390	62.00600	85.00000	0.0	0.0	0.0



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				55.81820	62.00600	85.00000	0.0	0.0	0.0
				56.57250	62.00600	85.00000	0.0	0.0	0.0
				57.32680	62.00600	85.00000	0.0	0.0	0.0
				58.08110	62.00600	85.00000	0.0	0.0	0.0
				58.83540	62.00600	85.00000	0.0	0.0	0.0
				59.58970	62.00600	85.00000	0.0	0.0	0.0
				60.34400	62.00600	85.00000	0.0	0.0	0.0
				61.09830	62.00600	85.00000	0.0	0.0	0.0
				61.85260	62.00600	85.00000	0.0	0.0	0.0
				62.60690	62.00600	85.00000	0.0	0.0	0.0
				63.36120	62.00600	85.00000	0.0	0.0	0.0
				64.11550	62.00600	85.00000	0.0	0.0	0.0
				64.86980	62.00600	85.00000	0.0	0.0	0.0
				65.62410	62.00600	85.00000	0.0	0.0	0.0
				66.37840	62.00600	85.00000	0.0	0.0	0.0
				67.13270	62.00600	85.00000	0.0	0.0	0.0
				67.88700	62.00600	85.00000	0.0	0.0	0.0
				68.64130	62.00600	85.00000	0.0	0.0	0.0
				69.39560	62.00600	85.00000	0.0	0.0	0.0
				70.14990	62.00600	85.00000	0.0	0.0	0.0
				70.90420	62.00600	85.00000	0.0	0.0	0.0
				71.65850	62.00600	85.00000	0.0	0.0	0.0
				72.41280	62.00600	85.00000	0.0	0.0	0.0
				73.16710	62.00600	85.00000	0.0	0.0	0.0
				73.92140	62.00600	85.00000	0.0	0.0	0.0
				74.67570	62.00600	85.00000	0.0	0.0	0.0
				75.43000	62.00600	85.00000	0.0	0.0	0.0
				0.00000	62.72700	85.00000	0.0	0.0	0.0
				0.75430	62.72700	85.00000	0.0	0.0	0.0
				1.50860	62.72700	85.00000	0.0	0.0	0.0
				2.26290	62.72700	85.00000	0.0	0.0	0.0
				3.01720	62.72700	85.00000	0.0	0.0	0.0
				3.77150	62.72700	85.00000	0.0	0.0	0.0
				4.52580	62.72700	85.00000	0.0	0.0	0.0
				5.28010	62.72700	85.00000	0.0	0.0	0.0
				6.03440	62.72700	85.00000	0.0	0.0	0.0
				6.78870	62.72700	85.00000	0.0	0.0	0.0
				7.54300	62.72700	85.00000	0.0	0.0	0.0
				8.29730	62.72700	85.00000	0.0	0.0	0.0
				9.05160	62.72700	85.00000	0.0	0.0	0.0
				9.80590	62.72700	85.00000	0.0	0.0	0.0
				10.56020	62.72700	85.00000	0.0	0.0	0.0
				11.31450	62.72700	85.00000	0.0	0.0	0.0
				12.06880	62.72700	85.00000	0.0	0.0	0.0
				12.82310	62.72700	85.00000	0.0	0.0	0.0
				13.57740	62.72700	85.00000	0.0	0.0	0.0
				14.33170	62.72700	85.00000	0.0	0.0	0.0
				15.08600	62.72700	85.00000	0.0	0.0	0.0
				15.84030	62.72700	85.00000	0.0	0.0	0.0
				16.59460	62.72700	85.00000	0.0	0.0	0.0
				17.34890	62.72700	85.00000	0.0	0.0	0.0
				18.10320	62.72700	85.00000	0.0	0.0	0.0
				18.85750	62.72700	85.00000	0.0	0.0	0.0
				19.61180	62.72700	85.00000	0.0	0.0	0.0
				20.36610	62.72700	85.00000	0.0	0.0	0.0
				21.12040	62.72700	85.00000	0.0	0.0	0.0
				21.87470	62.72700	85.00000	0.0	0.0	0.0
				22.62900	62.72700	85.00000	0.0	0.0	0.053895
				23.38330	62.72700	85.00000	0.0	0.0	0.12179
				24.13760	62.72700	85.00000	0.0	0.0	0.18575
				24.89190	62.72700	85.00000	0.0	0.0	0.24561
				25.64620	62.72700	85.00000	0.0	0.0	0.30121
				26.40050	62.72700	85.00000	0.0	0.0	0.35238
				27.15480	62.72700	85.00000	0.0	0.0	0.39898
				27.90910	62.72700	85.00000	0.0	0.0	0.44085
				28.66340	62.72700	85.00000	0.0	0.0	0.47785
				29.41770	62.72700	85.00000	0.0	0.0	0.50987
				30.17200	62.72700	85.00000	0.0	0.0	0.53678
				30.92630	62.72700	85.00000	0.0	0.0	0.55850
				31.68060	62.72700	85.00000	0.0	0.0	0.57494
				32.43490	62.72700	85.00000	0.0	0.0	0.58604
				33.18920	62.72700	85.00000	0.0	0.0	0.59176
				33.94350	62.72700	85.00000	0.0	0.0	0.59207
				34.69780	62.72700	85.00000	0.0	0.0	0.58866
				35.45210	62.72700	85.00000	0.0	0.0	0.58512
				36.20640	62.72700	85.00000	0.0	0.0	0.58158
				36.96070	62.72700	85.00000	0.0	0.0	0.57805
				37.71500	62.72700	85.00000	0.0	0.0	0.57451
				38.46930	62.72700	85.00000	0.0	0.0	0.57097
				39.22360	62.72700	85.00000	0.0	0.0	0.56744
				39.97790	62.72700	85.00000	0.0	0.0	0.56390
				40.73220	62.72700	85.00000	0.0	0.0	0.56036
				41.48650	62.72700	85.00000	0.0	0.0	0.55675
				42.24080	62.72700	85.00000	0.0	0.0	0.54962
				42.99510	62.72700	85.00000	0.0	0.0	0.53716
				43.74940	62.72700	85.00000	0.0	0.0	0.51941
				44.50370	62.72700	85.00000	0.0	0.0	0.49645
				45.25800	62.72700	85.00000	0.0	0.0	0.46835
				46.01230	62.72700	85.00000	0.0	0.0	0.43522
				46.76660	62.72700	85.00000	0.0	0.0	0.39716
				47.52090	62.72700	85.00000	0.0	0.0	0.35431
				48.27520	62.72700	85.00000	0.0	0.0	0.30680
				49.02950	62.72700	85.00000	0.0	0.0	0.25477
				49.78380	62.72700	85.00000	0.0	0.0	0.19839
				50.53810	62.72700	85.00000	0.0	0.0	0.13780
				51.29240	62.72700	85.00000	0.0	0.0	0.073175
				52.04670	62.72700	85.00000	0.0	0.0	0.0046727
				52.80100	62.72700	85.00000	0.0	0.0	0.0
				53.55530	62.72700	85.00000	0.0	0.0	0.0
				54.30960	62.72700	85.00000	0.0	0.0	0.0
				55.06390	62.72700	85.00000	0.0	0.0	0.0
				55.81820	62.72700	85.00000	0.0	0.0	0.0
				56.57250	62.72700	85.00000	0.0	0.0	0.0
				57.32680	62.72700	85.00000	0.0	0.0	0.0
				58.08110	62.72700	85.00000	0.0	0.0	0.0
				58.83540	62.72700	85.00000	0.0	0.0	0.0
				59.58970	62.72700	85.00000	0.0	0.0	0.0
				60.34400	62.72700	85.00000	0.0	0.0	0.0
				61.09830	62.72700	85.00000	0.0	0.0	0.0
				61.85260	62.72700	85.00000	0.0	0.0	0.0
				62.60690	62.72700	85.00000	0.0	0.0	0.0
				63.36120	62.72700	85.00000	0.0	0.0	0.0
				64.11550	62.72700	85.00000	0.0	0.0	0.0
				64.86980	62.72700	85.00000	0.0	0.0	0.0
				65.62410	62.72700	85.00000	0.0	0.0	0.0
				66.37840	62.72700	85.00000	0.0	0.0	0.0
				67.13270	62.72700	85.00000	0.0	0.0	0.0
				67.88700	62.72700	85.00000	0.0	0.0	0.0
				68.64130	62.72700	85.00000	0.0	0.0	0.0
				69.39560	62.72700	85.00000	0.0	0.0	0.0
				70.14990	62.72700	85.00000	0.0	0.0	0.0
				70.90420	62.72700	85.00000	0.0	0.0	0.0
				71.65850	62.72700	85.00000	0.0	0.0	0.0
				72.41280	62.72700	85.00000	0.0	0.0	0.0
				73.16710	62.72700	85.00000	0.0	0.0	0.0
				73.92140	62.72700	85.00000	0.0	0.0	0.0
				74.67570	62.72700	85.00000	0.0	0.0	0.0
				75.43000	62.72700	85.00000	0.0	0.0	0.0
				0.00000	63.44800	85.00000	0.0	0.0	0.0
				0.75430	63.44800	85.00000	0.0	0.0	0.0



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				1.50860	63.44800	85.00000	0.0	0.0	0.0
				2.26290	63.44800	85.00000	0.0	0.0	0.0
				3.01720	63.44800	85.00000	0.0	0.0	0.0
				3.77150	63.44800	85.00000	0.0	0.0	0.0
				4.52580	63.44800	85.00000	0.0	0.0	0.0
				5.28010	63.44800	85.00000	0.0	0.0	0.0
				6.03440	63.44800	85.00000	0.0	0.0	0.0
				6.78870	63.44800	85.00000	0.0	0.0	0.0
				7.54300	63.44800	85.00000	0.0	0.0	0.0
				8.29730	63.44800	85.00000	0.0	0.0	0.0
				9.05160	63.44800	85.00000	0.0	0.0	0.0
				9.80590	63.44800	85.00000	0.0	0.0	0.0
				10.56020	63.44800	85.00000	0.0	0.0	0.0
				11.31450	63.44800	85.00000	0.0	0.0	0.0
				12.06880	63.44800	85.00000	0.0	0.0	0.0
				12.82310	63.44800	85.00000	0.0	0.0	0.0
				13.57740	63.44800	85.00000	0.0	0.0	0.0
				14.33170	63.44800	85.00000	0.0	0.0	0.0
				15.08600	63.44800	85.00000	0.0	0.0	0.0
				15.84030	63.44800	85.00000	0.0	0.0	0.0
				16.59460	63.44800	85.00000	0.0	0.0	0.0
				17.34890	63.44800	85.00000	0.0	0.0	0.0
				18.10320	63.44800	85.00000	0.0	0.0	0.0
				18.85750	63.44800	85.00000	0.0	0.0	0.0
				19.61180	63.44800	85.00000	0.0	0.0	0.0
				20.36610	63.44800	85.00000	0.0	0.0	0.0
				21.12040	63.44800	85.00000	0.0	0.0	0.0
				21.87470	63.44800	85.00000	0.0	0.0	0.0
				22.62900	63.44800	85.00000	0.0	0.0	0.0
				23.38330	63.44800	85.00000	0.0	0.0	0.0
				24.13760	63.44800	85.00000	0.0	0.05399	0.0
				24.89190	63.44800	85.00000	0.0	0.0	0.11208
				25.64620	63.44800	85.00000	0.0	0.0	0.16607
				26.40050	63.44800	85.00000	0.0	0.0	0.21573
				27.15480	63.44800	85.00000	0.0	0.0	0.26092
				27.90910	63.44800	85.00000	0.0	0.0	0.30151
				28.66340	63.44800	85.00000	0.0	0.0	0.33736
				29.41770	63.44800	85.00000	0.0	0.0	0.36836
				30.17200	63.44800	85.00000	0.0	0.0	0.39441
				30.92630	63.44800	85.00000	0.0	0.0	0.41542
				31.68060	63.44800	85.00000	0.0	0.0	0.43132
				32.43490	63.44800	85.00000	0.0	0.0	0.44206
				33.18920	63.44800	85.00000	0.0	0.0	0.44759
				33.94350	63.44800	85.00000	0.0	0.0	0.44789
				34.69780	63.44800	85.00000	0.0	0.0	0.44450
				35.45210	63.44800	85.00000	0.0	0.0	0.44096
				36.20640	63.44800	85.00000	0.0	0.0	0.43742
				36.96070	63.44800	85.00000	0.0	0.0	0.43389
				37.71500	63.44800	85.00000	0.0	0.0	0.43035
				38.46930	63.44800	85.00000	0.0	0.0	0.42681
				39.22360	63.44800	85.00000	0.0	0.0	0.42328
				39.97790	63.44800	85.00000	0.0	0.0	0.41974
				40.73220	63.44800	85.00000	0.0	0.0	0.41620
				41.48650	63.44800	85.00000	0.0	0.0	0.41261
				42.24080	63.44800	85.00000	0.0	0.0	0.40571
				42.99510	63.44800	85.00000	0.0	0.0	0.39366
				43.74940	63.44800	85.00000	0.0	0.0	0.37649
				44.50370	63.44800	85.00000	0.0	0.0	0.35427
				45.25800	63.44800	85.00000	0.0	0.0	0.32706
				46.01230	63.44800	85.00000	0.0	0.0	0.29497
				46.76660	63.44800	85.00000	0.0	0.0	0.25808
				47.52090	63.44800	85.00000	0.0	0.0	0.21653
				48.27520	63.44800	85.00000	0.0	0.0	0.17043
				49.02950	63.44800	85.00000	0.0	0.0	0.11992
				49.78380	63.44800	85.00000	0.0	0.0	0.065145
				50.53810	63.44800	85.00000	0.0	0.0	0.0062424
				51.29240	63.44800	85.00000	0.0	0.0	0.0
				52.04670	63.44800	85.00000	0.0	0.0	0.0
				52.80100	63.44800	85.00000	0.0	0.0	0.0
				53.55530	63.44800	85.00000	0.0	0.0	0.0
				54.30960	63.44800	85.00000	0.0	0.0	0.0
				55.06390	63.44800	85.00000	0.0	0.0	0.0
				55.81820	63.44800	85.00000	0.0	0.0	0.0
				56.57250	63.44800	85.00000	0.0	0.0	0.0
				57.32680	63.44800	85.00000	0.0	0.0	0.0
				58.08110	63.44800	85.00000	0.0	0.0	0.0
				58.83540	63.44800	85.00000	0.0	0.0	0.0
				59.58970	63.44800	85.00000	0.0	0.0	0.0
				60.34400	63.44800	85.00000	0.0	0.0	0.0
				61.09830	63.44800	85.00000	0.0	0.0	0.0
				61.85260	63.44800	85.00000	0.0	0.0	0.0
				62.60690	63.44800	85.00000	0.0	0.0	0.0
				63.36120	63.44800	85.00000	0.0	0.0	0.0
				64.11550	63.44800	85.00000	0.0	0.0	0.0
				64.86980	63.44800	85.00000	0.0	0.0	0.0
				65.62410	63.44800	85.00000	0.0	0.0	0.0
				66.37840	63.44800	85.00000	0.0	0.0	0.0
				67.13270	63.44800	85.00000	0.0	0.0	0.0
				67.88700	63.44800	85.00000	0.0	0.0	0.0
				68.64130	63.44800	85.00000	0.0	0.0	0.0
				69.39560	63.44800	85.00000	0.0	0.0	0.0
				70.14990	63.44800	85.00000	0.0	0.0	0.0
				70.90420	63.44800	85.00000	0.0	0.0	0.0
				71.65850	63.44800	85.00000	0.0	0.0	0.0
				72.41280	63.44800	85.00000	0.0	0.0	0.0
				73.16710	63.44800	85.00000	0.0	0.0	0.0
				73.92140	63.44800	85.00000	0.0	0.0	0.0
				74.67570	63.44800	85.00000	0.0	0.0	0.0
				75.43000	63.44800	85.00000	0.0	0.0	0.0
				0.00000	64.16900	85.00000	0.0	0.0	0.0
				0.75430	64.16900	85.00000	0.0	0.0	0.0
				1.50860	64.16900	85.00000	0.0	0.0	0.0
				2.26290	64.16900	85.00000	0.0	0.0	0.0
				3.01720	64.16900	85.00000	0.0	0.0	0.0
				3.77150	64.16900	85.00000	0.0	0.0	0.0
				4.52580	64.16900	85.00000	0.0	0.0	0.0
				5.28010	64.16900	85.00000	0.0	0.0	0.0
				6.03440	64.16900	85.00000	0.0	0.0	0.0
				6.78870	64.16900	85.00000	0.0	0.0	0.0
				7.54300	64.16900	85.00000	0.0	0.0	0.0
				8.29730	64.16900	85.00000	0.0	0.0	0.0
				9.05160	64.16900	85.00000	0.0	0.0	0.0
				9.80590	64.16900	85.00000	0.0	0.0	0.0
				10.56020	64.16900	85.00000	0.0	0.0	0.0
				11.31450	64.16900	85.00000	0.0	0.0	0.0
				12.06880	64.16900	85.00000	0.0	0.0	0.0
				12.82310	64.16900	85.00000	0.0	0.0	0.0
				13.57740	64.16900	85.00000	0.0	0.0	0.0
				14.33170	64.16900	85.00000	0.0	0.0	0.0
				15.08600	64.16900	85.00000	0.0	0.0	0.0
				15.84030	64.16900	85.00000	0.0	0.0	0.0
				16.59460	64.16900	85.00000	0.0	0.0	0.0
				17.34890	64.16900	85.00000	0.0	0.0	0.0
				18.10320	64.16900	85.00000	0.0	0.0	0.0
				18.85750	64.16900	85.00000	0.0	0.0	0.0
				19.61180	64.16900	85.00000	0.0	0.0	0.0
				20.36610	64.16900	85.00000	0.0	0.0	0.0
				21.12040	64.16900	85.00000	0.0	0.0	0.0
				21.87470	64.16900	85.00000	0.0	0.0	0.0
				22.62900	64.16900	85.00000	0.0	0.0	0.0



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				23.38330	64.16900	85.00000	0.0	0.0	0.0
				24.13760	64.16900	85.00000	0.0	0.0	0.0
				24.89190	64.16900	85.00000	0.0	0.0	0.0
				25.64620	64.16900	85.00000	0.0	0.0	0.030398
				26.40050	64.16900	85.00000	0.0	0.0	0.078634
				27.15480	64.16900	85.00000	0.0	0.0	0.122550
				27.90910	64.16900	85.00000	0.0	0.0	0.16187
				28.66340	64.16900	85.00000	0.0	0.0	0.19663
				29.41770	64.16900	85.00000	0.0	0.0	0.22668
				30.17200	64.16900	85.00000	0.0	0.0	0.25192
				30.92630	64.16900	85.00000	0.0	0.0	0.27227
				31.68060	64.16900	85.00000	0.0	0.0	0.28767
				32.43490	64.16900	85.00000	0.0	0.0	0.29806
				33.18920	64.16900	85.00000	0.0	0.0	0.30341
				33.94350	64.16900	85.00000	0.0	0.0	0.30371
				34.69780	64.16900	85.00000	0.0	0.0	0.30034
				35.45210	64.16900	85.00000	0.0	0.0	0.29680
				36.20640	64.16900	85.00000	0.0	0.0	0.29326
				36.96070	64.16900	85.00000	0.0	0.0	0.28973
				37.71500	64.16900	85.00000	0.0	0.0	0.28619
				38.46930	64.16900	85.00000	0.0	0.0	0.28265
				39.22360	64.16900	85.00000	0.0	0.0	0.27912
				39.97790	64.16900	85.00000	0.0	0.0	0.27558
				40.73220	64.16900	85.00000	0.0	0.0	0.27204
				41.48650	64.16900	85.00000	0.0	0.0	0.26847
				42.24080	64.16900	85.00000	0.0	0.0	0.26479
				42.99510	64.16900	85.00000	0.0	0.0	0.25012
				43.74940	64.16900	85.00000	0.0	0.0	0.23349
				44.50370	64.16900	85.00000	0.0	0.0	0.21196
				45.25800	64.16900	85.00000	0.0	0.0	0.18559
				46.01230	64.16900	85.00000	0.0	0.0	0.15447
				46.76660	64.16900	85.00000	0.0	0.0	0.11870
				47.52090	64.16900	85.00000	0.0	0.0	0.078370
				48.27520	64.16900	85.00000	0.0	0.0	0.033608
				49.02950	64.16900	85.00000	0.0	0.0	0.0
				49.78380	64.16900	85.00000	0.0	0.0	0.0
				50.53810	64.16900	85.00000	0.0	0.0	0.0
				51.29240	64.16900	85.00000	0.0	0.0	0.0
				52.04670	64.16900	85.00000	0.0	0.0	0.0
				52.80100	64.16900	85.00000	0.0	0.0	0.0
				53.55530	64.16900	85.00000	0.0	0.0	0.0
				54.30960	64.16900	85.00000	0.0	0.0	0.0
				55.06390	64.16900	85.00000	0.0	0.0	0.0
				55.81820	64.16900	85.00000	0.0	0.0	0.0
				56.57250	64.16900	85.00000	0.0	0.0	0.0
				57.32680	64.16900	85.00000	0.0	0.0	0.0
				58.08110	64.16900	85.00000	0.0	0.0	0.0
				58.83540	64.16900	85.00000	0.0	0.0	0.0
				59.58970	64.16900	85.00000	0.0	0.0	0.0
				60.34400	64.16900	85.00000	0.0	0.0	0.0
				61.09830	64.16900	85.00000	0.0	0.0	0.0
				61.85260	64.16900	85.00000	0.0	0.0	0.0
				62.60690	64.16900	85.00000	0.0	0.0	0.0
				63.36120	64.16900	85.00000	0.0	0.0	0.0
				64.11550	64.16900	85.00000	0.0	0.0	0.0
				64.86980	64.16900	85.00000	0.0	0.0	0.0
				65.62410	64.16900	85.00000	0.0	0.0	0.0
				66.37840	64.16900	85.00000	0.0	0.0	0.0
				67.13270	64.16900	85.00000	0.0	0.0	0.0
				67.88700	64.16900	85.00000	0.0	0.0	0.0
				68.64130	64.16900	85.00000	0.0	0.0	0.0
				69.39560	64.16900	85.00000	0.0	0.0	0.0
				70.14990	64.16900	85.00000	0.0	0.0	0.0
				70.90420	64.16900	85.00000	0.0	0.0	0.0
				71.65850	64.16900	85.00000	0.0	0.0	0.0
				72.41280	64.16900	85.00000	0.0	0.0	0.0
				73.16710	64.16900	85.00000	0.0	0.0	0.0
				73.92140	64.16900	85.00000	0.0	0.0	0.0
				74.67570	64.16900	85.00000	0.0	0.0	0.0
				75.43000	64.16900	85.00000	0.0	0.0	0.0
				0.00000	64.89000	85.00000	0.0	0.0	0.0
				0.75430	64.89000	85.00000	0.0	0.0	0.0
				1.50860	64.89000	85.00000	0.0	0.0	0.0
				2.26290	64.89000	85.00000	0.0	0.0	0.0
				3.01720	64.89000	85.00000	0.0	0.0	0.0
				3.77150	64.89000	85.00000	0.0	0.0	0.0
				4.52580	64.89000	85.00000	0.0	0.0	0.0
				5.28010	64.89000	85.00000	0.0	0.0	0.0
				6.03440	64.89000	85.00000	0.0	0.0	0.0
				6.78870	64.89000	85.00000	0.0	0.0	0.0
				7.54300	64.89000	85.00000	0.0	0.0	0.0
				8.29730	64.89000	85.00000	0.0	0.0	0.0
				9.05160	64.89000	85.00000	0.0	0.0	0.0
				9.80590	64.89000	85.00000	0.0	0.0	0.0
				10.56020	64.89000	85.00000	0.0	0.0	0.0
				11.31450	64.89000	85.00000	0.0	0.0	0.0
				12.06880	64.89000	85.00000	0.0	0.0	0.0
				12.82310	64.89000	85.00000	0.0	0.0	0.0
				13.57740	64.89000	85.00000	0.0	0.0	0.0
				14.33170	64.89000	85.00000	0.0	0.0	0.0
				15.08600	64.89000	85.00000	0.0	0.0	0.0
				15.84030	64.89000	85.00000	0.0	0.0	0.0
				16.59460	64.89000	85.00000	0.0	0.0	0.0
				17.34890	64.89000	85.00000	0.0	0.0	0.0
				18.10320	64.89000	85.00000	0.0	0.0	0.0
				18.85750	64.89000	85.00000	0.0	0.0	0.0
				19.61180	64.89000	85.00000	0.0	0.0	0.0
				20.36610	64.89000	85.00000	0.0	0.0	0.0
				21.12040	64.89000	85.00000	0.0	0.0	0.0
				21.87470	64.89000	85.00000	0.0	0.0	0.0
				22.62900	64.89000	85.00000	0.0	0.0	0.0
				23.38330	64.89000	85.00000	0.0	0.0	0.0
				24.13760	64.89000	85.00000	0.0	0.0	0.0
				24.89190	64.89000	85.00000	0.0	0.0	0.0
				25.64620	64.89000	85.00000	0.0	0.0	0.0
				26.40050	64.89000	85.00000	0.0	0.0	0.0
				27.15480	64.89000	85.00000	0.0	0.0	0.0
				27.90910	64.89000	85.00000	0.0	0.0	0.021966
				28.66340	64.89000	85.00000	0.0	0.0	0.055703
				29.41770	64.89000	85.00000	0.0	0.0	0.084853
				30.17200	64.89000	85.00000	0.0	0.0	0.10933
				30.92630	64.89000	85.00000	0.0	0.0	0.12906
				31.68060	64.89000	85.00000	0.0	0.0	0.14398
				32.43490	64.89000	85.00000	0.0	0.0	0.15405
				33.18920	64.89000	85.00000	0.0	0.0	0.15924
				33.94350	64.89000	85.00000	0.0	0.0	0.15952
				34.69780	64.89000	85.00000	0.0	0.0	0.15618
				35.45210	64.89000	85.00000	0.0	0.0	0.15264
				36.20640	64.89000	85.00000	0.0	0.0	0.14910
				36.96070	64.89000	85.00000	0.0	0.0	0.14557
				37.71500	64.89000	85.00000	0.0	0.0	0.14203
				38.46930	64.89000	85.00000	0.0	0.0	0.13849
				39.22360	64.89000	85.00000	0.0	0.0	0.13496
				39.97790	64.89000	85.00000	0.0	0.0	0.13142
				40.73220	64.89000	85.00000	0.0	0.0	0.12788
				41.48650	64.89000	85.00000	0.0	0.0	0.12432
				42.24080	64.89000	85.00000	0.0	0.0	0.11785
				42.99510	64.89000	85.00000	0.0	0.0	0.10653
				43.74940	64.89000	85.00000	0.0	0.0	0.090412
				44.50370	64.89000	85.00000	0.0	0.0	0.069531



Highgate Cemetery
B1

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				45.25800	64.89000	85.00000	0.0	0.0	0.043954
				46.01230	64.89000	85.00000	0.0	0.0	0.013757
				46.76660	64.89000	85.00000	0.0	0.0	0.0
				47.52090	64.89000	85.00000	0.0	0.0	0.0
				48.27520	64.89000	85.00000	0.0	0.0	0.0
				49.02950	64.89000	85.00000	0.0	0.0	0.0
				49.78380	64.89000	85.00000	0.0	0.0	0.0
				50.53810	64.89000	85.00000	0.0	0.0	0.0
				51.29240	64.89000	85.00000	0.0	0.0	0.0
				52.04670	64.89000	85.00000	0.0	0.0	0.0
				52.80100	64.89000	85.00000	0.0	0.0	0.0
				53.55530	64.89000	85.00000	0.0	0.0	0.0
				54.30960	64.89000	85.00000	0.0	0.0	0.0
				55.06390	64.89000	85.00000	0.0	0.0	0.0
				55.81820	64.89000	85.00000	0.0	0.0	0.0
				56.57250	64.89000	85.00000	0.0	0.0	0.0
				57.32680	64.89000	85.00000	0.0	0.0	0.0
				58.08110	64.89000	85.00000	0.0	0.0	0.0
				58.83540	64.89000	85.00000	0.0	0.0	0.0
				59.58970	64.89000	85.00000	0.0	0.0	0.0
				60.34400	64.89000	85.00000	0.0	0.0	0.0
				61.09830	64.89000	85.00000	0.0	0.0	0.0
				61.85260	64.89000	85.00000	0.0	0.0	0.0
				62.60690	64.89000	85.00000	0.0	0.0	0.0
				63.36120	64.89000	85.00000	0.0	0.0	0.0
				64.11550	64.89000	85.00000	0.0	0.0	0.0
				64.86980	64.89000	85.00000	0.0	0.0	0.0
				65.62410	64.89000	85.00000	0.0	0.0	0.0
				66.37840	64.89000	85.00000	0.0	0.0	0.0
				67.13270	64.89000	85.00000	0.0	0.0	0.0
				67.88700	64.89000	85.00000	0.0	0.0	0.0
				68.64130	64.89000	85.00000	0.0	0.0	0.0
				69.39560	64.89000	85.00000	0.0	0.0	0.0
				70.14990	64.89000	85.00000	0.0	0.0	0.0
				70.90420	64.89000	85.00000	0.0	0.0	0.0
				71.65850	64.89000	85.00000	0.0	0.0	0.0
				72.41280	64.89000	85.00000	0.0	0.0	0.0
				73.16710	64.89000	85.00000	0.0	0.0	0.0
				73.92140	64.89000	85.00000	0.0	0.0	0.0
				74.67570	64.89000	85.00000	0.0	0.0	0.0
				75.43000	64.89000	85.00000	0.0	0.0	0.0
				0.00000	65.61100	85.00000	0.0	0.0	0.0
				0.75430	65.61100	85.00000	0.0	0.0	0.0
				1.50860	65.61100	85.00000	0.0	0.0	0.0
				2.26290	65.61100	85.00000	0.0	0.0	0.0
				3.01720	65.61100	85.00000	0.0	0.0	0.0
				3.77150	65.61100	85.00000	0.0	0.0	0.0
				4.52580	65.61100	85.00000	0.0	0.0	0.0
				5.28010	65.61100	85.00000	0.0	0.0	0.0
				6.03440	65.61100	85.00000	0.0	0.0	0.0
				6.78870	65.61100	85.00000	0.0	0.0	0.0
				7.54300	65.61100	85.00000	0.0	0.0	0.0
				8.29730	65.61100	85.00000	0.0	0.0	0.0
				9.05160	65.61100	85.00000	0.0	0.0	0.0
				9.80590	65.61100	85.00000	0.0	0.0	0.0
				10.56020	65.61100	85.00000	0.0	0.0	0.0
				11.31450	65.61100	85.00000	0.0	0.0	0.0
				12.06880	65.61100	85.00000	0.0	0.0	0.0
				12.82310	65.61100	85.00000	0.0	0.0	0.0
				13.57740	65.61100	85.00000	0.0	0.0	0.0
				14.33170	65.61100	85.00000	0.0	0.0	0.0
				15.08600	65.61100	85.00000	0.0	0.0	0.0
				15.84030	65.61100	85.00000	0.0	0.0	0.0
				16.59460	65.61100	85.00000	0.0	0.0	0.0
				17.34890	65.61100	85.00000	0.0	0.0	0.0
				18.10320	65.61100	85.00000	0.0	0.0	0.0
				18.85750	65.61100	85.00000	0.0	0.0	0.0
				19.61180	65.61100	85.00000	0.0	0.0	0.0
				20.36610	65.61100	85.00000	0.0	0.0	0.0
				21.12040	65.61100	85.00000	0.0	0.0	0.0
				21.87470	65.61100	85.00000	0.0	0.0	0.0
				22.62900	65.61100	85.00000	0.0	0.0	0.0
				23.38330	65.61100	85.00000	0.0	0.0	0.0
				24.13760	65.61100	85.00000	0.0	0.0	0.0
				24.89190	65.61100	85.00000	0.0	0.0	0.0
				25.64620	65.61100	85.00000	0.0	0.0	0.0
				26.40050	65.61100	85.00000	0.0	0.0	0.0
				27.15480	65.61100	85.00000	0.0	0.0	0.0
				27.90910	65.61100	85.00000	0.0	0.0	0.0
				28.66340	65.61100	85.00000	0.0	0.0	0.0
				29.41770	65.61100	85.00000	0.0	0.0	0.0
				30.17200	65.61100	85.00000	0.0	0.0	0.0
				30.92630	65.61100	85.00000	0.0	0.0	0.0
				31.68060	65.61100	85.00000	0.0	0.0	263.23E-6
				32.43490	65.61100	85.00000	0.0	0.0	0.010031
				33.18920	65.61100	85.00000	0.0	0.0	0.015060
				33.94350	65.61100	85.00000	0.0	0.0	0.015335
				34.69780	65.61100	85.00000	0.0	0.0	0.012015
				35.45210	65.61100	85.00000	0.0	0.0	0.0084782
				36.20640	65.61100	85.00000	0.0	0.0	0.0049418
				36.96070	65.61100	85.00000	0.0	0.0	0.0014054
				37.71500	65.61100	85.00000	0.0	0.0	0.0
				38.46930	65.61100	85.00000	0.0	0.0	0.0
				39.22360	65.61100	85.00000	0.0	0.0	0.0
				39.97790	65.61100	85.00000	0.0	0.0	0.0
				40.73220	65.61100	85.00000	0.0	0.0	0.0
				41.48650	65.61100	85.00000	0.0	0.0	0.0
				42.24080	65.61100	85.00000	0.0	0.0	0.0
				42.99510	65.61100	85.00000	0.0	0.0	0.0
				43.74940	65.61100	85.00000	0.0	0.0	0.0
				44.50370	65.61100	85.00000	0.0	0.0	0.0
				45.25800	65.61100	85.00000	0.0	0.0	0.0
				46.01230	65.61100	85.00000	0.0	0.0	0.0
				46.76660	65.61100	85.00000	0.0	0.0	0.0
				47.52090	65.61100	85.00000	0.0	0.0	0.0
				48.27520	65.61100	85.00000	0.0	0.0	0.0
				49.02950	65.61100	85.00000	0.0	0.0	0.0
				49.78380	65.61100	85.00000	0.0	0.0	0.0
				50.53810	65.61100	85.00000	0.0	0.0	0.0
				51.29240	65.61100	85.00000	0.0	0.0	0.0
				52.04670	65.61100	85.00000	0.0	0.0	0.0
				52.80100	65.61100	85.00000	0.0	0.0	0.0
				53.55530	65.61100	85.00000	0.0	0.0	0.0
				54.30960	65.61100	85.00000	0.0	0.0	0.0
				55.06390	65.61100	85.00000	0.0	0.0	0.0
				55.81820	65.61100	85.00000	0.0	0.0	0.0
				56.57250	65.61100	85.00000	0.0	0.0	0.0
				57.32680	65.61100	85.00000	0.0	0.0	0.0
				58.08110	65.61100	85.00000	0.0	0.0	0.0
				58.83540	65.61100	85.00000	0.0	0.0	0.0
				59.58970	65.61100	85.00000	0.0	0.0	0.0
				60.34400	65.61100	85.00000	0.0	0.0	0.0
				61.09830	65.61100	85.00000	0.0	0.0	0.0
				61.85260	65.61100	85.00000	0.0	0.0	0.0
				62.60690	65.61100	85.00000	0.0	0.0	0.0
				63.36120	65.61100	85.00000	0.0	0.0	0.0
				64.11550	65.61100	85.00000	0.0	0.0	0.0
				64.86980	65.61100	85.00000	0.0	0.0	0.0
				65.62410	65.61100	85.00000	0.0	0.0	0.0
				66.37840	65.61100	85.00000	0.0	0.0	0.0

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD				Job No.		Sheet No.		Rev.	
				3500					
				Drg. Ref.					
				Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				67.13270	65.61100	85.00000	0.0	0.0	0.0
				67.88700	65.61100	85.00000	0.0	0.0	0.0
				68.64130	65.61100	85.00000	0.0	0.0	0.0
				69.39560	65.61100	85.00000	0.0	0.0	0.0
				70.14990	65.61100	85.00000	0.0	0.0	0.0
				70.90420	65.61100	85.00000	0.0	0.0	0.0
				71.65850	65.61100	85.00000	0.0	0.0	0.0
				72.41280	65.61100	85.00000	0.0	0.0	0.0
				73.16710	65.61100	85.00000	0.0	0.0	0.0
				73.92140	65.61100	85.00000	0.0	0.0	0.0
				74.67570	65.61100	85.00000	0.0	0.0	0.0
				75.43000	65.61100	85.00000	0.0	0.0	0.0
				0.00000	66.33200	85.00000	0.0	0.0	0.0
				0.75430	66.33200	85.00000	0.0	0.0	0.0
				1.50860	66.33200	85.00000	0.0	0.0	0.0
				2.26290	66.33200	85.00000	0.0	0.0	0.0
				3.01720	66.33200	85.00000	0.0	0.0	0.0
				3.77150	66.33200	85.00000	0.0	0.0	0.0
				4.52580	66.33200	85.00000	0.0	0.0	0.0
				5.28010	66.33200	85.00000	0.0	0.0	0.0
				6.03440	66.33200	85.00000	0.0	0.0	0.0
				6.78870	66.33200	85.00000	0.0	0.0	0.0
				7.54300	66.33200	85.00000	0.0	0.0	0.0
				8.29730	66.33200	85.00000	0.0	0.0	0.0
				9.05160	66.33200	85.00000	0.0	0.0	0.0
				9.80590	66.33200	85.00000	0.0	0.0	0.0
				10.56020	66.33200	85.00000	0.0	0.0	0.0
				11.31450	66.33200	85.00000	0.0	0.0	0.0
				12.06880	66.33200	85.00000	0.0	0.0	0.0
				12.82310	66.33200	85.00000	0.0	0.0	0.0
				13.57740	66.33200	85.00000	0.0	0.0	0.0
				14.33170	66.33200	85.00000	0.0	0.0	0.0
				15.08600	66.33200	85.00000	0.0	0.0	0.0
				15.84030	66.33200	85.00000	0.0	0.0	0.0
				16.59460	66.33200	85.00000	0.0	0.0	0.0
				17.34890	66.33200	85.00000	0.0	0.0	0.0
				18.10320	66.33200	85.00000	0.0	0.0	0.0
				18.85750	66.33200	85.00000	0.0	0.0	0.0
				19.61180	66.33200	85.00000	0.0	0.0	0.0
				20.36610	66.33200	85.00000	0.0	0.0	0.0
				21.12040	66.33200	85.00000	0.0	0.0	0.0
				21.87470	66.33200	85.00000	0.0	0.0	0.0
				22.62900	66.33200	85.00000	0.0	0.0	0.0
				23.38330	66.33200	85.00000	0.0	0.0	0.0
				24.13760	66.33200	85.00000	0.0	0.0	0.0
				24.89190	66.33200	85.00000	0.0	0.0	0.0
				25.64620	66.33200	85.00000	0.0	0.0	0.0
				26.40050	66.33200	85.00000	0.0	0.0	0.0
				27.15480	66.33200	85.00000	0.0	0.0	0.0
				27.90910	66.33200	85.00000	0.0	0.0	0.0
				28.66340	66.33200	85.00000	0.0	0.0	0.0
				29.41770	66.33200	85.00000	0.0	0.0	0.0
				30.17200	66.33200	85.00000	0.0	0.0	0.0
				30.92630	66.33200	85.00000	0.0	0.0	0.0
				31.68060	66.33200	85.00000	0.0	0.0	0.0
				32.43490	66.33200	85.00000	0.0	0.0	0.0
				33.18920	66.33200	85.00000	0.0	0.0	0.0
				33.94350	66.33200	85.00000	0.0	0.0	0.0
				34.69780	66.33200	85.00000	0.0	0.0	0.0
				35.45210	66.33200	85.00000	0.0	0.0	0.0
				36.20640	66.33200	85.00000	0.0	0.0	0.0
				36.96070	66.33200	85.00000	0.0	0.0	0.0
				37.71500	66.33200	85.00000	0.0	0.0	0.0
				38.46930	66.33200	85.00000	0.0	0.0	0.0
				39.22360	66.33200	85.00000	0.0	0.0	0.0
				39.97790	66.33200	85.00000	0.0	0.0	0.0
				40.73220	66.33200	85.00000	0.0	0.0	0.0
				41.48650	66.33200	85.00000	0.0	0.0	0.0
				42.24080	66.33200	85.00000	0.0	0.0	0.0
				42.99510	66.33200	85.00000	0.0	0.0	0.0
				43.74940	66.33200	85.00000	0.0	0.0	0.0
				44.50370	66.33200	85.00000	0.0	0.0	0.0
				45.25800	66.33200	85.00000	0.0	0.0	0.0
				46.01230	66.33200	85.00000	0.0	0.0	0.0
				46.76660	66.33200	85.00000	0.0	0.0	0.0
				47.52090	66.33200	85.00000	0.0	0.0	0.0
				48.27520	66.33200	85.00000	0.0	0.0	0.0
				49.02950	66.33200	85.00000	0.0	0.0	0.0
				49.78380	66.33200	85.00000	0.0	0.0	0.0
				50.53810	66.33200	85.00000	0.0	0.0	0.0
				51.29240	66.33200	85.00000	0.0	0.0	0.0
				52.04670	66.33200	85.00000	0.0	0.0	0.0
				52.80100	66.33200	85.00000	0.0	0.0	0.0
				53.55530	66.33200	85.00000	0.0	0.0	0.0
				54.30960	66.33200	85.00000	0.0	0.0	0.0
				55.06390	66.33200	85.00000	0.0	0.0	0.0
				55.81820	66.33200	85.00000	0.0	0.0	0.0
				56.57250	66.33200	85.00000	0.0	0.0	0.0
				57.32680	66.33200	85.00000	0.0	0.0	0.0
				58.08110	66.33200	85.00000	0.0	0.0	0.0
				58.83540	66.33200	85.00000	0.0	0.0	0.0
				59.58970	66.33200	85.00000	0.0	0.0	0.0
				60.34400	66.33200	85.00000	0.0	0.0	0.0
				61.09830	66.33200	85.00000	0.0	0.0	0.0
				61.85260	66.33200	85.00000	0.0	0.0	0.0
				62.60690	66.33200	85.00000	0.0	0.0	0.0
				63.36120	66.33200	85.00000	0.0	0.0	0.0
				64.11550	66.33200	85.00000	0.0	0.0	0.0
				64.86980	66.33200	85.00000	0.0	0.0	0.0
				65.62410	66.33200	85.00000	0.0	0.0	0.0
				66.37840	66.33200	85.00000	0.0	0.0	0.0
				67.13270	66.33200	85.00000	0.0	0.0	0.0
				67.88700	66.33200	85.00000	0.0	0.0	0.0
				68.64130	66.33200	85.00000	0.0	0.0	0.0
				69.39560	66.33200	85.00000	0.0	0.0	0.0
				70.14990	66.33200	85.00000	0.0	0.0	0.0
				70.90420	66.33200	85.00000	0.0	0.0	0.0
				71.65850	66.33200	85.00000	0.0	0.0	0.0
				72.41280	66.33200	85.00000	0.0	0.0	0.0
				73.16710	66.33200	85.00000	0.0	0.0	0.0
				73.92140	66.33200	85.00000	0.0	0.0	0.0
				74.67570	66.33200	85.00000	0.0	0.0	0.0
				75.43000	66.33200	85.00000	0.0	0.0	0.0
				0.00000	67.05300	85.00000	0.0	0.0	0.0
				0.75430	67.05300	85.00000	0.0	0.0	0.0
				1.50860	67.05300	85.00000	0.0	0.0	0.0
				2.26290	67.05300	85.00000	0.0	0.0	0.0
				3.01720	67.05300	85.00000	0.0	0.0	0.0
				3.77150	67.05300	85.00000	0.0	0.0	0.0
				4.52580	67.05300	85.00000	0.0	0.0	0.0
				5.28010	67.05300	85.00000	0.0	0.0	0.0
				6.03440	67.05300	85.00000	0.0	0.0	0.0
				6.78870	67.05300	85.00000	0.0	0.0	0.0
				7.5430					

Oasys

Highgate Cemetery

B1

A-SQUARED STUDIO

ENGINEERS LTD

Job No.

3500

Drg. Ref.

Made by

PES

Date

01-Nov-2024

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				12.82310	67.05300	85.00000	0.0	0.0	0.0
				13.57740	67.05300	85.00000	0.0	0.0	0.0
				14.33170	67.05300	85.00000	0.0	0.0	0.0
				15.08600	67.05300	85.00000	0.0	0.0	0.0
				15.84030	67.05300	85.00000	0.0	0.0	0.0
				16.59460	67.05300	85.00000	0.0	0.0	0.0
				17.34890	67.05300	85.00000	0.0	0.0	0.0
				18.10320	67.05300	85.00000	0.0	0.0	0.0
				18.85750	67.05300	85.00000	0.0	0.0	0.0
				19.61180	67.05300	85.00000	0.0	0.0	0.0
				20.36610	67.05300	85.00000	0.0	0.0	0.0
				21.12040	67.05300	85.00000	0.0	0.0	0.0
				21.87470	67.05300	85.00000	0.0	0.0	0.0
				22.62900	67.05300	85.00000	0.0	0.0	0.0
				23.38330	67.05300	85.00000	0.0	0.0	0.0
				24.13760	67.05300	85.00000	0.0	0.0	0.0
				24.89190	67.05300	85.00000	0.0	0.0	0.0
				25.64620	67.05300	85.00000	0.0	0.0	0.0
				26.40050	67.05300	85.00000	0.0	0.0	0.0
				27.15480	67.05300	85.00000	0.0	0.0	0.0
				27.90910	67.05300	85.00000	0.0	0.0	0.0
				28.66340	67.05300	85.00000	0.0	0.0	0.0
				29.41770	67.05300	85.00000	0.0	0.0	0.0
				30.17200	67.05300	85.00000	0.0	0.0	0.0
				30.92630	67.05300	85.00000	0.0	0.0	0.0
				31.68060	67.05300	85.00000	0.0	0.0	0.0
				32.43490	67.05300	85.00000	0.0	0.0	0.0
				33.18920	67.05300	85.00000	0.0	0.0	0.0
				33.94350	67.05300	85.00000	0.0	0.0	0.0
				34.69780	67.05300	85.00000	0.0	0.0	0.0
				35.45210	67.05300	85.00000	0.0	0.0	0.0
				36.20640	67.05300	85.00000	0.0	0.0	0.0
				36.96070	67.05300	85.00000	0.0	0.0	0.0
				37.71500	67.05300	85.00000	0.0	0.0	0.0
				38.46930	67.05300	85.00000	0.0	0.0	0.0
				39.22360	67.05300	85.00000	0.0	0.0	0.0
				39.97790	67.05300	85.00000	0.0	0.0	0.0
				40.73220	67.05300	85.00000	0.0	0.0	0.0
				41.48650	67.05300	85.00000	0.0	0.0	0.0
				42.24080	67.05300	85.00000	0.0	0.0	0.0
				42.99510	67.05300	85.00000	0.0	0.0	0.0
				43.74940	67.05300	85.00000	0.0	0.0	0.0
				44.50370	67.05300	85.00000	0.0	0.0	0.0
				45.25800	67.05300	85.00000	0.0	0.0	0.0
				46.01230	67.05300	85.00000	0.0	0.0	0.0
				46.76660	67.05300	85.00000	0.0	0.0	0.0
				47.52090	67.05300	85.00000	0.0	0.0	0.0
				48.27520	67.05300	85.00000	0.0	0.0	0.0
				49.02950	67.05300	85.00000	0.0	0.0	0.0
				49.78380	67.05300	85.00000	0.0	0.0	0.0
				50.53810	67.05300	85.00000	0.0	0.0	0.0
				51.29240	67.05300	85.00000	0.0	0.0	0.0
				52.04670	67.05300	85.00000	0.0	0.0	0.0
				52.80100	67.05300	85.00000	0.0	0.0	0.0
				53.55530	67.05300	85.00000	0.0	0.0	0.0
				54.30960	67.05300	85.00000	0.0	0.0	0.0
				55.06390	67.05300	85.00000	0.0	0.0	0.0
				55.81820	67.05300	85.00000	0.0	0.0	0.0
				56.57250	67.05300	85.00000	0.0	0.0	0.0
				57.32680	67.05300	85.00000	0.0	0.0	0.0
				58.08110	67.05300	85.00000	0.0	0.0	0.0
				58.83540	67.05300	85.00000	0.0	0.0	0.0
				59.58970	67.05300	85.00000	0.0	0.0	0.0
				60.34400	67.05300	85.00000	0.0	0.0	0.0
				61.09830	67.05300	85.00000	0.0	0.0	0.0
				61.85260	67.05300	85.00000	0.0	0.0	0.0
				62.60690	67.05300	85.00000	0.0	0.0	0.0
				63.36120	67.05300	85.00000	0.0	0.0	0.0
				64.11550	67.05300	85.00000	0.0	0.0	0.0
				64.86980	67.05300	85.00000	0.0	0.0	0.0
				65.62410	67.05300	85.00000	0.0	0.0	0.0
				66.37840	67.05300	85.00000	0.0	0.0	0.0
				67.13270	67.05300	85.00000	0.0	0.0	0.0
				67.88700	67.05300	85.00000	0.0	0.0	0.0
				68.64130	67.05300	85.00000	0.0	0.0	0.0
				69.39560	67.05300	85.00000	0.0	0.0	0.0
				70.14990	67.05300	85.00000	0.0	0.0	0.0
				70.90420	67.05300	85.00000	0.0	0.0	0.0
				71.65850	67.05300	85.00000	0.0	0.0	0.0
				72.41280	67.05300	85.00000	0.0	0.0	0.0
				73.16710	67.05300	85.00000	0.0	0.0	0.0
				73.92140	67.05300	85.00000	0.0	0.0	0.0
				74.67570	67.05300	85.00000	0.0	0.0	0.0
				75.43000	67.05300	85.00000	0.0	0.0	0.0
				0.00000	67.77400	85.00000	0.0	0.0	0.0
				0.75430	67.77400	85.00000	0.0	0.0	0.0
				1.50860	67.77400	85.00000	0.0	0.0	0.0
				2.26290	67.77400	85.00000	0.0	0.0	0.0
				3.01720	67.77400	85.00000	0.0	0.0	0.0
				3.77150	67.77400	85.00000	0.0	0.0	0.0
				4.52580	67.77400	85.00000	0.0	0.0	0.0
				5.28010	67.77400	85.00000	0.0	0.0	0.0
				6.03440	67.77400	85.00000	0.0	0.0	0.0
				6.78870	67.77400	85.00000	0.0	0.0	0.0
				7.54300	67.77400	85.00000	0.0	0.0	0.0
				8.29730	67.77400	85.00000	0.0	0.0	0.0
				9.05160	67.77400	85.00000	0.0	0.0	0.0
				9.80590	67.77400	85.00000	0.0	0.0	0.0
				10.56020	67.77400	85.00000	0.0	0.0	0.0
				11.31450	67.77400	85.00000	0.0	0.0	0.0
				12.06880	67.77400	85.00000	0.0	0.0	0.0
				12.82310	67.77400	85.00000	0.0	0.0	0.0
				13.57740	67.77400	85.00000	0.0	0.0	0.0
				14.33170	67.77400	85.00000	0.0	0.0	0.0
				15.08600	67.77400	85.00000	0.0	0.0	0.0
				15.84030	67.77400	85.00000	0.0	0.0	0.0
				16.59460	67.77400	85.00000	0.0	0.0	0.0
				17.34890	67.77400	85.00000	0.0	0.0	0.0
				18.10320	67.77400	85.00000	0.0	0.0	0.0
				18.85750	67.77400	85.00000	0.0	0.0	0.0
				19.61180	67.77400	85.00000	0.0	0.0	0.0
				20.36610	67.77400	85.00000	0.0	0.0	0.0
				21.12040	67.77400	85.00000	0.0	0.0	0.0
				21.87470	67.77400	85.00000	0.0	0.0	0.0
				22.62900	67.77400	85.00000	0.0	0.0	0.0
				23.38330	67.77400	85.00000	0.0	0.0	0.0
				24.13760	67.77400	85.00000	0.0	0.0	0.0
				24.89190	67.77400	85.00000	0.0	0.0	0.0
				25.64620	67.77400	85.00000	0.0	0.0	0.0
				26.40050	67.77400	85.00000	0.0	0.0	0.0
				27.15480	67.77400	85.00000	0.0	0.0	0.0
				27.90910	67.77400	85.00000	0.0	0.0	0.0
				28.66340	67.77400	85.00000	0.0	0.0	0.0

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked Date	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				34.69780	67.77400	85.00000	0.0	0.0	0.0						
				35.45210	67.77400	85.00000	0.0	0.0	0.0						
				36.20640	67.77400	85.00000	0.0	0.0	0.0						
				36.96070	67.77400	85.00000	0.0	0.0	0.0						
				37.71500	67.77400	85.00000	0.0	0.0	0.0						
				38.46930	67.77400	85.00000	0.0	0.0	0.0						
				39.22360	67.77400	85.00000	0.0	0.0	0.0						
				39.97790	67.77400	85.00000	0.0	0.0	0.0						
				40.73220	67.77400	85.00000	0.0	0.0	0.0						
				41.48650	67.77400	85.00000	0.0	0.0	0.0						
				42.24080	67.77400	85.00000	0.0	0.0	0.0						
				42.99510	67.77400	85.00000	0.0	0.0	0.0						
				43.74940	67.77400	85.00000	0.0	0.0	0.0						
				44.50370	67.77400	85.00000	0.0	0.0	0.0						
				45.25800	67.77400	85.00000	0.0	0.0	0.0						
				46.01230	67.77400	85.00000	0.0	0.0	0.0						
				46.76660	67.77400	85.00000	0.0	0.0	0.0						
				47.52090	67.77400	85.00000	0.0	0.0	0.0						
				48.27520	67.77400	85.00000	0.0	0.0	0.0						
				49.02950	67.77400	85.00000	0.0	0.0	0.0						
				49.78380	67.77400	85.00000	0.0	0.0	0.0						
				50.53810	67.77400	85.00000	0.0	0.0	0.0						
				51.29240	67.77400	85.00000	0.0	0.0	0.0						
				52.04670	67.77400	85.00000	0.0	0.0	0.0						
				52.80100	67.77400	85.00000	0.0	0.0	0.0						
				53.55530	67.77400	85.00000	0.0	0.0	0.0						
				54.30960	67.77400	85.00000	0.0	0.0	0.0						
				55.06390	67.77400	85.00000	0.0	0.0	0.0						
				55.81820	67.77400	85.00000	0.0	0.0	0.0						
				56.57250	67.77400	85.00000	0.0	0.0	0.0						
				57.32680	67.77400	85.00000	0.0	0.0	0.0						
				58.08110	67.77400	85.00000	0.0	0.0	0.0						
				58.83540	67.77400	85.00000	0.0	0.0	0.0						
				59.58970	67.77400	85.00000	0.0	0.0	0.0						
				60.34400	67.77400	85.00000	0.0	0.0	0.0						
				61.09830	67.77400	85.00000	0.0	0.0	0.0						
				61.85260	67.77400	85.00000	0.0	0.0	0.0						
				62.60690	67.77400	85.00000	0.0	0.0	0.0						
				63.36120	67.77400	85.00000	0.0	0.0	0.0						
				64.11550	67.77400	85.00000	0.0	0.0	0.0						
				64.86980	67.77400	85.00000	0.0	0.0	0.0						
				65.62410	67.77400	85.00000	0.0	0.0	0.0						
				66.37840	67.77400	85.00000	0.0	0.0	0.0						
				67.13270	67.77400	85.00000	0.0	0.0	0.0						
				67.88700	67.77400	85.00000	0.0	0.0	0.0						
				68.64130	67.77400	85.00000	0.0	0.0	0.0						
				69.39560	67.77400	85.00000	0.0	0.0	0.0						
				70.14990	67.77400	85.00000	0.0	0.0	0.0						
				70.90420	67.77400	85.00000	0.0	0.0	0.0						
				71.65850	67.77400	85.00000	0.0	0.0	0.0						
				72.41280	67.77400	85.00000	0.0	0.0	0.0						
				73.16710	67.77400	85.00000	0.0	0.0	0.0						
				73.92140	67.77400	85.00000	0.0	0.0	0.0						
				74.67570	67.77400	85.00000	0.0	0.0	0.0						
				75.43000	67.77400	85.00000	0.0	0.0	0.0						
				0.00000	68.49500	85.00000	0.0	0.0	0.0						
				0.75430	68.49500	85.00000	0.0	0.0	0.0						
				1.50860	68.49500	85.00000	0.0	0.0	0.0						
				2.26290	68.49500	85.00000	0.0	0.0	0.0						
				3.01720	68.49500	85.00000	0.0	0.0	0.0						
				3.77150	68.49500	85.00000	0.0	0.0	0.0						
				4.52580	68.49500	85.00000	0.0	0.0	0.0						
				5.28010	68.49500	85.00000	0.0	0.0	0.0						
				6.03440	68.49500	85.00000	0.0	0.0	0.0						
				6.78870	68.49500	85.00000	0.0	0.0	0.0						
				7.54300	68.49500	85.00000	0.0	0.0	0.0						
				8.29730	68.49500	85.00000	0.0	0.0	0.0						
				9.05160	68.49500	85.00000	0.0	0.0	0.0						
				9.80590	68.49500	85.00000	0.0	0.0	0.0						
				10.56020	68.49500	85.00000	0.0	0.0	0.0						
				11.31450	68.49500	85.00000	0.0	0.0	0.0						
				12.06880	68.49500	85.00000	0.0	0.0	0.0						
				12.82310	68.49500	85.00000	0.0	0.0	0.0						
				13.57740	68.49500	85.00000	0.0	0.0	0.0						
				14.33170	68.49500	85.00000	0.0	0.0	0.0						
				15.08600	68.49500	85.00000	0.0	0.0	0.0						
				15.84030	68.49500	85.00000	0.0	0.0	0.0						
				16.59460	68.49500	85.00000	0.0	0.0	0.0						
				17.34890	68.49500	85.00000	0.0	0.0	0.0						
				18.10320	68.49500	85.00000	0.0	0.0	0.0						
				18.85750	68.49500	85.00000	0.0	0.0	0.0						
				19.61180	68.49500	85.00000	0.0	0.0	0.0						
				20.36610	68.49500	85.00000	0.0	0.0	0.0						
				21.12040	68.49500	85.00000	0.0	0.0	0.0						
				21.87470	68.49500	85.00000	0.0	0.0	0.0						
				22.62900	68.49500	85.00000	0.0	0.0	0.0						
				23.38330	68.49500	85.00000	0.0	0.0	0.0						
				24.13760	68.49500	85.00000	0.0	0.0	0.0						
				24.89190	68.49500	85.00000	0.0	0.0	0.0						
				25.64620	68.49500	85.00000	0.0	0.0	0.0						
				26.40050	68.49500	85.00000	0.0	0.0	0.0						
				27.15480	68.49500	85.00000	0.0	0.0	0.0						
				27.90910	68.49500	85.00000	0.0	0.0	0.0						
				28.66340	68.49500	85.00000	0.0	0.0	0.0						
				29.41770	68.49500	85.00000	0.0	0.0	0.0						
				30.17200	68.49500	85.00000	0.0	0.0	0.0						
				30.92630	68.49500	85.00000	0.0	0.0	0.0						
				31.68060	68.49500	85.00000	0.0	0.0	0.0						
				32.43490	68.49500	85.00000	0.0	0.0	0.0						
				33.18920	68.49500	85.00000	0.0	0.0	0.0						
				33.94350	68.49500	85.00000	0.0	0.0	0.0						
				34.69780	68.49500	85.00000	0.0	0.0	0.0						
				35.45210	68.49500	85.00000	0.0	0.0	0.0						
				36.20640	68.49500	85.00000	0.0	0.0	0.0						
				36.96070	68.49500	85.00000	0.0	0.0	0.0						
				37.71500	68.49500	85.00000	0.0	0.0	0.0						
				38.46930	68.49500	85.00000	0.0	0.0	0.0						
				39.22360	68.49500	85.00000	0.0	0.0	0.0						
				39.97790	68.49500	85.00000	0.0	0.0	0.0						
				40.73220	68.49500	85.00000	0.0	0.0	0.0						
				41.48650	68.49500	85.00000	0.0	0.0	0.0						
				42.24080	68.49500	85.00000	0.0	0.0	0.0						
				42.99510	68.49500	85.00000	0.0	0.0	0.0						
				43.74940	68.49500	85.00000	0.0	0.0	0.0						
				44.50370	68.49500	85.00000	0.0	0.0	0.0						
				45.25800	68.49500	85.00000	0.0	0.0	0.0						
				46.01230	68.49500	85.00000	0.0	0.0	0.0						
				46.76660	68.49500	85.00000	0.0	0.0	0.0						
				47.52090	68.49500	85.00000	0.0	0.0	0.0						
				48.27520	68.49500	85.00000	0.0	0.0	0.0						
				49.02950	68.49500	85.00000	0.0	0.0	0.0						
				49.78380	68.49500	85.00000	0.0	0.0	0.0						
				50.53810	68.49500	85.00000	0.0	0.0	0.0						
				51.29240	68.49500	85.00000	0.0	0.0	0.0						
				52.04670	68.49500	85.00000	0.0	0.0	0.0						
				52.80100	68.49500	85.00000	0.0	0.0	0.0						
				53.55530	68.49500	85.00000	0.0	0.0	0.0						
				54.30960	68.49500	85.00000	0.0	0.0	0.0						
				55.06390	68.49500	85.00000	0.0	0.0	0.0						
				55.81820	68.49500	85.00000	0.0	0.0	0.0						

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD						Job No.		Sheet No.		Rev.	
						3500					
						Drg. Ref.					
Made by PES		Date 01-Nov-2024		Checked		Date					
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz		
				[m]	[m]	[m]	[mm]	[mm]	[mm]		
				56.57250	68.49500	85.00000	0.0	0.0	0.0		
				57.32680	68.49500	85.00000	0.0	0.0	0.0		
				58.08110	68.49500	85.00000	0.0	0.0	0.0		
				58.83540	68.49500	85.00000	0.0	0.0	0.0		
				59.58970	68.49500	85.00000	0.0	0.0	0.0		
				60.34400	68.49500	85.00000	0.0	0.0	0.0		
				61.09830	68.49500	85.00000	0.0	0.0	0.0		
				61.85260	68.49500	85.00000	0.0	0.0	0.0		
				62.60690	68.49500	85.00000	0.0	0.0	0.0		
				63.36120	68.49500	85.00000	0.0	0.0	0.0		
				64.11550	68.49500	85.00000	0.0	0.0	0.0		
				64.86980	68.49500	85.00000	0.0	0.0	0.0		
				65.62410	68.49500	85.00000	0.0	0.0	0.0		
				66.37840	68.49500	85.00000	0.0	0.0	0.0		
				67.13270	68.49500	85.00000	0.0	0.0	0.0		
				67.88700	68.49500	85.00000	0.0	0.0	0.0		
				68.64130	68.49500	85.00000	0.0	0.0	0.0		
				69.39560	68.49500	85.00000	0.0	0.0	0.0		
				70.14990	68.49500	85.00000	0.0	0.0	0.0		
				70.90420	68.49500	85.00000	0.0	0.0	0.0		
				71.65850	68.49500	85.00000	0.0	0.0	0.0		
				72.41280	68.49500	85.00000	0.0	0.0	0.0		
				73.16710	68.49500	85.00000	0.0	0.0	0.0		
				73.92140	68.49500	85.00000	0.0	0.0	0.0		
				74.67570	68.49500	85.00000	0.0	0.0	0.0		
				75.43000	68.49500	85.00000	0.0	0.0	0.0		
				0.00000	69.21600	85.00000	0.0	0.0	0.0		
				0.75430	69.21600	85.00000	0.0	0.0	0.0		
				1.50860	69.21600	85.00000	0.0	0.0	0.0		
				2.26290	69.21600	85.00000	0.0	0.0	0.0		
				3.01720	69.21600	85.00000	0.0	0.0	0.0		
				3.77150	69.21600	85.00000	0.0	0.0	0.0		
				4.52580	69.21600	85.00000	0.0	0.0	0.0		
				5.28010	69.21600	85.00000	0.0	0.0	0.0		
				6.03440	69.21600	85.00000	0.0	0.0	0.0		
				6.78870	69.21600	85.00000	0.0	0.0	0.0		
				7.54300	69.21600	85.00000	0.0	0.0	0.0		
				8.29730	69.21600	85.00000	0.0	0.0	0.0		
				9.05160	69.21600	85.00000	0.0	0.0	0.0		
				9.80590	69.21600	85.00000	0.0	0.0	0.0		
				10.56020	69.21600	85.00000	0.0	0.0	0.0		
				11.31450	69.21600	85.00000	0.0	0.0	0.0		
				12.06880	69.21600	85.00000	0.0	0.0	0.0		
				12.82310	69.21600	85.00000	0.0	0.0	0.0		
				13.57740	69.21600	85.00000	0.0	0.0	0.0		
				14.33170	69.21600	85.00000	0.0	0.0	0.0		
				15.08600	69.21600	85.00000	0.0	0.0	0.0		
				15.84030	69.21600	85.00000	0.0	0.0	0.0		
				16.59460	69.21600	85.00000	0.0	0.0	0.0		
				17.34890	69.21600	85.00000	0.0	0.0	0.0		
				18.10320	69.21600	85.00000	0.0	0.0	0.0		
				18.85750	69.21600	85.00000	0.0	0.0	0.0		
				19.61180	69.21600	85.00000	0.0	0.0	0.0		
				20.36610	69.21600	85.00000	0.0	0.0	0.0		
				21.12040	69.21600	85.00000	0.0	0.0	0.0		
				21.87470	69.21600	85.00000	0.0	0.0	0.0		
				22.62900	69.21600	85.00000	0.0	0.0	0.0		
				23.38330	69.21600	85.00000	0.0	0.0	0.0		
				24.13760	69.21600	85.00000	0.0	0.0	0.0		
				24.89190	69.21600	85.00000	0.0	0.0	0.0		
				25.64620	69.21600	85.00000	0.0	0.0	0.0		
				26.40050	69.21600	85.00000	0.0	0.0	0.0		
				27.15480	69.21600	85.00000	0.0	0.0	0.0		
				27.90910	69.21600	85.00000	0.0	0.0	0.0		
				28.66340	69.21600	85.00000	0.0	0.0	0.0		
				29.41770	69.21600	85.00000	0.0	0.0	0.0		
				30.17200	69.21600	85.00000	0.0	0.0	0.0		
				30.92630	69.21600	85.00000	0.0	0.0	0.0		
				31.68060	69.21600	85.00000	0.0	0.0	0.0		
				32.43490	69.21600	85.00000	0.0	0.0	0.0		
				33.18920	69.21600	85.00000	0.0	0.0	0.0		
				33.94350	69.21600	85.00000	0.0	0.0	0.0		
				34.69780	69.21600	85.00000	0.0	0.0	0.0		
				35.45210	69.21600	85.00000	0.0	0.0	0.0		
				36.20640	69.21600	85.00000	0.0	0.0	0.0		
				36.96070	69.21600	85.00000	0.0	0.0	0.0		
				37.71500	69.21600	85.00000	0.0	0.0	0.0		
				38.46930	69.21600	85.00000	0.0	0.0	0.0		
				39.22360	69.21600	85.00000	0.0	0.0	0.0		
				39.97790	69.21600	85.00000	0.0	0.0	0.0		
				40.73220	69.21600	85.00000	0.0	0.0	0.0		
				41.48650	69.21600	85.00000	0.0	0.0	0.0		
				42.24080	69.21600	85.00000	0.0	0.0	0.0		
				42.99510	69.21600	85.00000	0.0	0.0	0.0		
				43.74940	69.21600	85.00000	0.0	0.0	0.0		
				44.50370	69.21600	85.00000	0.0	0.0	0.0		
				45.25800	69.21600	85.00000	0.0	0.0	0.0		
				46.01230	69.21600	85.00000	0.0	0.0	0.0		
				46.76660	69.21600	85.00000	0.0	0.0	0.0		
				47.52090	69.21600	85.00000	0.0	0.0	0.0		
				48.27520	69.21600	85.00000	0.0	0.0	0.0		
				49.02950	69.21600	85.00000	0.0	0.0	0.0		
				49.78380	69.21600	85.00000	0.0	0.0	0.0		
				50.53810	69.21600	85.00000	0.0	0.0	0.0		
				51.29240	69.21600	85.00000	0.0	0.0	0.0		
				52.04670	69.21600	85.00000	0.0	0.0	0.0		
				52.80100	69.21600	85.00000	0.0	0.0	0.0		
				53.55530	69.21600	85.00000	0.0	0.0	0.0		
				54.30960	69.21600	85.00000	0.0	0.0	0.0		
				55.06390	69.21600	85.00000	0.0	0.0	0.0		
				55.81820	69.21600	85.00000	0.0	0.0	0.0		
				56.57250	69.21600	85.00000	0.0	0.0	0.0		
				57.32680	69.21600	85.00000	0.0	0.0	0.0		
				58.08110	69.21600	85.00000	0.0	0.0	0.0		
				58.83540	69.21600	85.00000	0.0	0.0	0.0		
				59.58970	69.21600	85.00000	0.0	0.0	0.0		
				60.34400	69.21600	85.00000	0.0	0.0	0.0		
				61.09830	69.21600	85.00000	0.0	0.0	0.0		
				61.85260	69.21600	85.00000	0.0	0.0	0.0		
				62.60690	69.21600	85.00000	0.0	0.0	0.0		
				63.36120	69.21600	85.00000	0.0	0.0	0.0		
				64.11550	69.21600	85.00000	0.0	0.0	0.0		
				64.86980	69.21600	85.00000	0.0	0.0	0.0		
				65.62410	69.21600	85.00000	0.0	0.0	0.0		
				66.37840	69.21600	85.00000	0.0	0.0	0.0		
				67.13270	69.21600	85.00000	0.0	0.0	0.0		
				67.88700	69.21600	85.00000	0.0	0.0	0.0		
				68.64130	69.21600	85.00000	0.0	0.0	0.0		
				69.39560	69.21600	85.00000	0.0	0.0	0.0		
				70.14990	69.21600	85.00000	0.0	0.0	0.0		
				70.90420	69.2160.						

Oasys Highgate Cemetery B1 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.					
										3500									
										Drg. Ref.									
										Made by PES		Date 01-Nov-2024		Checked		Date			
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz										
				[m]	[m]	[m]	[mm]	[mm]	[mm]										
				2.26290	69.93700	85.00000	0.0	0.0	0.0										
				3.01720	69.93700	85.00000	0.0	0.0	0.0										
				3.77150	69.93700	85.00000	0.0	0.0	0.0										
				4.52580	69.93700	85.00000	0.0	0.0	0.0										
				5.28010	69.93700	85.00000	0.0	0.0	0.0										
				6.03440	69.93700	85.00000	0.0	0.0	0.0										
				6.78870	69.93700	85.00000	0.0	0.0	0.0										
				7.54300	69.93700	85.00000	0.0	0.0	0.0										
				8.29730	69.93700	85.00000	0.0	0.0	0.0										
				9.05160	69.93700	85.00000	0.0	0.0	0.0										
				9.80590	69.93700	85.00000	0.0	0.0	0.0										
				10.56020	69.93700	85.00000	0.0	0.0	0.0										
				11.31450	69.93700	85.00000	0.0	0.0	0.0										
				12.06880	69.93700	85.00000	0.0	0.0	0.0										
				12.82310	69.93700	85.00000	0.0	0.0	0.0										
				13.57740	69.93700	85.00000	0.0	0.0	0.0										
				14.33170	69.93700	85.00000	0.0	0.0	0.0										
				15.08600	69.93700	85.00000	0.0	0.0	0.0										
				15.84030	69.93700	85.00000	0.0	0.0	0.0										
				16.59460	69.93700	85.00000	0.0	0.0	0.0										
				17.34890	69.93700	85.00000	0.0	0.0	0.0										
				18.10320	69.93700	85.00000	0.0	0.0	0.0										
				18.85750	69.93700	85.00000	0.0	0.0	0.0										
				19.61180	69.93700	85.00000	0.0	0.0	0.0										
				20.36610	69.93700	85.00000	0.0	0.0	0.0										
				21.12040	69.93700	85.00000	0.0	0.0	0.0										
				21.87470	69.93700	85.00000	0.0	0.0	0.0										
				22.62900	69.93700	85.00000	0.0	0.0	0.0										
				23.38330	69.93700	85.00000	0.0	0.0	0.0										
				24.13760	69.93700	85.00000	0.0	0.0	0.0										
				24.89190	69.93700	85.00000	0.0	0.0	0.0										
				25.64620	69.93700	85.00000	0.0	0.0	0.0										
				26.40050	69.93700	85.00000	0.0	0.0	0.0										
				27.15480	69.93700	85.00000	0.0	0.0	0.0										
				27.90910	69.93700	85.00000	0.0	0.0	0.0										
				28.66340	69.93700	85.00000	0.0	0.0	0.0										
				29.41770	69.93700	85.00000	0.0	0.0	0.0										
				30.17200	69.93700	85.00000	0.0	0.0	0.0										
				30.92630	69.93700	85.00000	0.0	0.0	0.0										
				31.68060	69.93700	85.00000	0.0	0.0	0.0										
				32.43490	69.93700	85.00000	0.0	0.0	0.0										
				33.18920	69.93700	85.00000	0.0	0.0	0.0										
				33.94350	69.93700	85.00000	0.0	0.0	0.0										
				34.69780	69.93700	85.00000	0.0	0.0	0.0										
				35.45210	69.93700	85.00000	0.0	0.0	0.0										
				36.20640	69.93700	85.00000	0.0	0.0	0.0										
				36.96070	69.93700	85.00000	0.0	0.0	0.0										
				37.71500	69.93700	85.00000	0.0	0.0	0.0										
				38.46930	69.93700	85.00000	0.0	0.0	0.0										
				39.22360	69.93700	85.00000	0.0	0.0	0.0										
				39.97790	69.93700	85.00000	0.0	0.0	0.0										
				40.73220	69.93700	85.00000	0.0	0.0	0.0										
				41.48650	69.93700	85.00000	0.0	0.0	0.0										
				42.24080	69.93700	85.00000	0.0	0.0	0.0										
				42.99510	69.93700	85.00000	0.0	0.0	0.0										
				43.74940	69.93700	85.00000	0.0	0.0	0.0										
				44.50370	69.93700	85.00000	0.0	0.0	0.0										
				45.25800	69.93700	85.00000	0.0	0.0	0.0										
				46.01230	69.93700	85.00000	0.0	0.0	0.0										
				46.76660	69.93700	85.00000	0.0	0.0	0.0										
				47.52090	69.93700	85.00000	0.0	0.0	0.0										
				48.27520	69.93700	85.00000	0.0	0.0	0.0										
				49.02950	69.93700	85.00000	0.0	0.0	0.0										
				49.78380	69.93700	85.00000	0.0	0.0	0.0										
				50.53810	69.93700	85.00000	0.0	0.0	0.0										
				51.29240	69.93700	85.00000	0.0	0.0	0.0										
				52.04670	69.93700	85.00000	0.0	0.0	0.0										
				52.80100	69.93700	85.00000	0.0	0.0	0.0										
				53.55530	69.93700	85.00000	0.0	0.0	0.0										
				54.30960	69.93700	85.00000	0.0	0.0	0.0										
				55.06390	69.93700	85.00000	0.0	0.0	0.0										
				55.81820	69.93700	85.00000	0.0	0.0	0.0										
				56.57250	69.93700	85.00000	0.0	0.0	0.0										
				57.32680	69.93700	85.00000	0.0	0.0	0.0										
				58.08110	69.93700	85.00000	0.0	0.0	0.0										
				58.83540	69.93700	85.00000	0.0	0.0	0.0										
				59.58970	69.93700	85.00000	0.0	0.0	0.0										
				60.34400	69.93700	85.00000	0.0	0.0	0.0										
				61.09830	69.93700	85.00000	0.0	0.0	0.0										
				61.85260	69.93700	85.00000	0.0	0.0	0.0										
				62.60690	69.93700	85.00000	0.0	0.0	0.0										
				63.36120	69.93700	85.00000	0.0	0.0	0.0										
				64.11550	69.93700	85.00000	0.0	0.0	0.0										
				64.86980	69.93700	85.00000	0.0	0.0	0.0										
				65.62410	69.93700	85.00000	0.0	0.0	0.0										
				66.37840	69.93700	85.00000	0.0	0.0	0.0										
				67.13270	69.93700	85.00000	0.0	0.0	0.0										
				67.88700	69.93700	85.00000	0.0	0.0	0.0										
				68.64130	69.93700	85.00000	0.0	0.0	0.0										
				69.39560	69.93700	85.00000	0.0	0.0	0.0										
				70.14990	69.93700	85.00000	0.0	0.0	0.0										
				70.90420	69.93700	85.00000	0.0	0.0	0.0										
				71.65850	69.93700	85.00000	0.0	0.0	0.0										
				72.41280	69.93700	85.00000	0.0	0.0	0.0										
				73.16710	69.93700	85.00000	0.0	0.0	0.0										
				73.92140	69.93700	85.00000	0.0	0.0	0.0										
				74.67570	69.93700	85.00000	0.0	0.0	0.0										
				75.43000	69.93700	85.00000	0.0	0.0	0.0										
				0.00000	70.65800	85.00000	0.0	0.0	0.0										
				0.75430	70.65800	85.00000	0.0	0.0	0.0										
				1.50860	70.65800	85.00000	0.0	0.0	0.0										
				2.26290	70.65800	85.00000	0.0	0.0	0.0										
				3.01720	70.65800	85.00000	0.0	0.0	0.0										
				3.77150	70.65800	85.00000	0.0	0.0	0.0										
				4.52580	70.65800	85.00000	0.0	0.0	0.0										
				5.28010	70.65800	85.00000	0.0	0.0	0.0										
				6.03440	70.65800	85.00000	0.0	0.0	0.0										
				6.78870	70.65800	85.00000	0.0	0.0	0.0										
				7.54300	70.65800	85.00000	0.0	0.0	0.0										
				8.29730	70.65800	85.00000	0.0	0.0	0.0										
				9.05160	70.65800	85.00000	0.0	0.0	0.0										
				9.80590	70.65800	85.00000	0.0	0.0	0.0										
				10.56020	70.65800	85.00000	0.0	0.0	0.0										
				11.31450	70.65800	85.00000	0.0	0.0	0.0										
				12.06880	70.65800	85.00000	0.0	0.0	0.0										
				12.82310	70.65800	85.00000	0.0	0.0	0.0										
				13.57740	70.65800	85.00000	0.0	0.0	0.0										
				14.33170	70.65800	85.00000	0.0	0.0	0.0										
				15.08600	70.65800	85.00000	0.0	0.0	0.0										
				15.84030	70.65800	85.00000	0.0	0.0	0.0										
				16.59460	70.65800	85.00000	0.0	0.0	0.0										
				17.34890	70.65800	85.00000	0.0	0.0	0.0										
				18.10320	70.65800	85.00000	0.0	0.0	0.0										
				18.85750	70.65800	85.00000	0.0	0.0	0.0										
				19.61180	70.65800	85.00000	0.0	0.0	0.0										
				20.36610	70.65800	85.00000	0.0	0.0	0.0										
				21.12040	70.65800	85.00000	0.0	0.0	0.0										
				21.87470	70.65800	85.00000	0.0	0.0	0.0										
				22.62900	70.65800	85.00000	0.0	0.0	0.0										
				23.38330	70.65800	85.00000	0.0	0.0	0.0										

Oasys

Highgate Cemetery

B1

A-SQUARED STUDIO

ENGINEERS LTD

Job No.

Sheet No.

Rev.

3500

Drg. Ref.

Made by

Date

Checked

Date

PES

01-Nov-2024

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				24.13760	70.65800	85.00000	0.0	0.0	0.0
				24.89190	70.65800	85.00000	0.0	0.0	0.0
				25.64620	70.65800	85.00000	0.0	0.0	0.0
				26.40050	70.65800	85.00000	0.0	0.0	0.0
				27.15480	70.65800	85.00000	0.0	0.0	0.0
				27.90910	70.65800	85.00000	0.0	0.0	0.0
				28.66340	70.65800	85.00000	0.0	0.0	0.0
				29.41770	70.65800	85.00000	0.0	0.0	0.0
				30.17200	70.65800	85.00000	0.0	0.0	0.0
				30.92630	70.65800	85.00000	0.0	0.0	0.0
				31.68060	70.65800	85.00000	0.0	0.0	0.0
				32.43490	70.65800	85.00000	0.0	0.0	0.0
				33.18920	70.65800	85.00000	0.0	0.0	0.0
				33.94350	70.65800	85.00000	0.0	0.0	0.0
				34.69780	70.65800	85.00000	0.0	0.0	0.0
				35.45210	70.65800	85.00000	0.0	0.0	0.0
				36.20640	70.65800	85.00000	0.0	0.0	0.0
				36.96070	70.65800	85.00000	0.0	0.0	0.0
				37.71500	70.65800	85.00000	0.0	0.0	0.0
				38.46930	70.65800	85.00000	0.0	0.0	0.0
				39.22360	70.65800	85.00000	0.0	0.0	0.0
				39.97790	70.65800	85.00000	0.0	0.0	0.0
				40.73220	70.65800	85.00000	0.0	0.0	0.0
				41.48650	70.65800	85.00000	0.0	0.0	0.0
				42.24080	70.65800	85.00000	0.0	0.0	0.0
				42.99510	70.65800	85.00000	0.0	0.0	0.0
				43.74940	70.65800	85.00000	0.0	0.0	0.0
				44.50370	70.65800	85.00000	0.0	0.0	0.0
				45.25800	70.65800	85.00000	0.0	0.0	0.0
				46.01230	70.65800	85.00000	0.0	0.0	0.0
				46.76660	70.65800	85.00000	0.0	0.0	0.0
				47.52090	70.65800	85.00000	0.0	0.0	0.0
				48.27520	70.65800	85.00000	0.0	0.0	0.0
				49.02950	70.65800	85.00000	0.0	0.0	0.0
				49.78380	70.65800	85.00000	0.0	0.0	0.0
				50.53810	70.65800	85.00000	0.0	0.0	0.0
				51.29240	70.65800	85.00000	0.0	0.0	0.0
				52.04670	70.65800	85.00000	0.0	0.0	0.0
				52.80100	70.65800	85.00000	0.0	0.0	0.0
				53.55530	70.65800	85.00000	0.0	0.0	0.0
				54.30960	70.65800	85.00000	0.0	0.0	0.0
				55.06390	70.65800	85.00000	0.0	0.0	0.0
				55.81820	70.65800	85.00000	0.0	0.0	0.0
				56.57250	70.65800	85.00000	0.0	0.0	0.0
				57.32680	70.65800	85.00000	0.0	0.0	0.0
				58.08110	70.65800	85.00000	0.0	0.0	0.0
				58.83540	70.65800	85.00000	0.0	0.0	0.0
				59.58970	70.65800	85.00000	0.0	0.0	0.0
				60.34400	70.65800	85.00000	0.0	0.0	0.0
				61.09830	70.65800	85.00000	0.0	0.0	0.0
				61.85260	70.65800	85.00000	0.0	0.0	0.0
				62.60690	70.65800	85.00000	0.0	0.0	0.0
				63.36120	70.65800	85.00000	0.0	0.0	0.0
				64.11550	70.65800	85.00000	0.0	0.0	0.0
				64.86980	70.65800	85.00000	0.0	0.0	0.0
				65.62410	70.65800	85.00000	0.0	0.0	0.0
				66.37840	70.65800	85.00000	0.0	0.0	0.0
				67.13270	70.65800	85.00000	0.0	0.0	0.0
				67.88700	70.65800	85.00000	0.0	0.0	0.0
				68.64130	70.65800	85.00000	0.0	0.0	0.0
				69.39560	70.65800	85.00000	0.0	0.0	0.0
				70.14990	70.65800	85.00000	0.0	0.0	0.0
				70.90420	70.65800	85.00000	0.0	0.0	0.0
				71.65850	70.65800	85.00000	0.0	0.0	0.0
				72.41280	70.65800	85.00000	0.0	0.0	0.0
				73.16710	70.65800	85.00000	0.0	0.0	0.0
				73.92140	70.65800	85.00000	0.0	0.0	0.0
				74.67570	70.65800	85.00000	0.0	0.0	0.0
				75.43000	70.65800	85.00000	0.0	0.0	0.0
				0.00000	71.37900	85.00000	0.0	0.0	0.0
				0.75430	71.37900	85.00000	0.0	0.0	0.0
				1.50860	71.37900	85.00000	0.0	0.0	0.0
				2.26290	71.37900	85.00000	0.0	0.0	0.0
				3.01720	71.37900	85.00000	0.0	0.0	0.0
				3.77150	71.37900	85.00000	0.0	0.0	0.0
				4.52580	71.37900	85.00000	0.0	0.0	0.0
				5.28010	71.37900	85.00000	0.0	0.0	0.0
				6.03440	71.37900	85.00000	0.0	0.0	0.0
				6.78870	71.37900	85.00000	0.0	0.0	0.0
				7.54300	71.37900	85.00000	0.0	0.0	0.0
				8.29730	71.37900	85.00000	0.0	0.0	0.0
				9.05160	71.37900	85.00000	0.0	0.0	0.0
				9.80590	71.37900	85.00000	0.0	0.0	0.0
				10.56020	71.37900	85.00000	0.0	0.0	0.0
				11.31450	71.37900	85.00000	0.0	0.0	0.0
				12.06880	71.37900	85.00000	0.0	0.0	0.0
				12.82310	71.37900	85.00000	0.0	0.0	0.0
				13.57740	71.37900	85.00000	0.0	0.0	0.0
				14.33170	71.37900	85.00000	0.0	0.0	0.0
				15.08600	71.37900	85.00000	0.0	0.0	0.0
				15.84030	71.37900	85.00000	0.0	0.0	0.0
				16.59460	71.37900	85.00000	0.0	0.0	0.0
				17.34890	71.37900	85.00000	0.0	0.0	0.0
				18.10320	71.37900	85.00000	0.0	0.0	0.0
				18.85750	71.37900	85.00000	0.0	0.0	0.0
				19.61180	71.37900	85.00000	0.0	0.0	0.0
				20.36610	71.37900	85.00000	0.0	0.0	0.0
				21.12040	71.37900	85.00000	0.0	0.0	0.0
				21.87470	71.37900	85.00000	0.0	0.0	0.0
				22.62900	71.37900	85.00000	0.0	0.0	0.0
				23.38330	71.37900	85.00000	0.0	0.0	0.0
				24.13760	71.37900	85.00000	0.0	0.0	0.0
				24.89190	71.37900	85.00000	0.0	0.0	0.0
				25.64620	71.37900	85.00000	0.0	0.0	0.0
				26.40050	71.37900	85.00000	0.0	0.0	0.0
				27.15480	71.37900	85.00000	0.0	0.0	0.0
				27.90910	71.37900	85.00000	0.0	0.0	0.0
				28.66340	71.37900	85.00000	0.0	0.0	0.0
				29.41770	71.37900	85.00000	0.0	0.0	0.0
				30.17200	71.37900	85.00000	0.0	0.0	0.0
				30.92630	71.37900	85.00000	0.0	0.0	0.0
				31.68060	71.37900	85.00000	0.0	0.0	0.0
				32.43490	71.37900	85.00000	0.0	0.0	0.0
				33.18920	71.37900	85.00000	0.0	0.0	0.0
				33.94350	71.37900	85.00000	0.0	0.0	0.0
				34.69780	71.37900	85.00000	0.0	0.0	0.0
				35.45210	71.37900	85.00000	0.0	0.0	0.0
				36.20640	71.37900	85.00000	0.0	0.0	0.0
				36.96070	71.37900	85.00000	0.0	0.0	0.0
				37.71500	71.37900	85.00000	0.0	0.0	0.0
				38.46930	71.37900	85.00000	0.0	0.0	0.0
				39.22360	71.37900	85.00000	0.0	0.0	0.0
				39.97790	71.37900	85.00000	0.0	0.0	0.0
				40.73220	71.37900	85.00000	0.0	0.0	0.0
				41.48650	71.37900	85.00000	0.0	0.0	0.0
				42.24080	71.37900	85.00000	0.0	0.0	0.0
				42.99510	71.37900	85.00000	0.0	0.0	0.0
				43.74940	71.37900	85.00000	0.0	0.0	0.0
				44.50370	71.37900	85.00000	0.0	0.0	0.0
				45.25800	71.37900	85.00000	0.0	0.0	0.0

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C:\Users\matrix\A-squared Dropbox\A2 matrix\A2-projects-3001-4000\3500...\3500_B1.xdd

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Time 17:58



Highgate Cemetery
B1

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				46.01230	71.37900	85.00000	0.0	0.0	0.0
				46.76660	71.37900	85.00000	0.0	0.0	0.0
				47.52090	71.37900	85.00000	0.0	0.0	0.0
				48.27520	71.37900	85.00000	0.0	0.0	0.0
				49.02950	71.37900	85.00000	0.0	0.0	0.0
				49.78380	71.37900	85.00000	0.0	0.0	0.0
				50.53810	71.37900	85.00000	0.0	0.0	0.0
				51.29240	71.37900	85.00000	0.0	0.0	0.0
				52.04670	71.37900	85.00000	0.0	0.0	0.0
				52.80100	71.37900	85.00000	0.0	0.0	0.0
				53.55530	71.37900	85.00000	0.0	0.0	0.0
				54.30960	71.37900	85.00000	0.0	0.0	0.0
				55.06390	71.37900	85.00000	0.0	0.0	0.0
				55.81820	71.37900	85.00000	0.0	0.0	0.0
				56.57250	71.37900	85.00000	0.0	0.0	0.0
				57.32680	71.37900	85.00000	0.0	0.0	0.0
				58.08110	71.37900	85.00000	0.0	0.0	0.0
				58.83540	71.37900	85.00000	0.0	0.0	0.0
				59.58970	71.37900	85.00000	0.0	0.0	0.0
				60.34400	71.37900	85.00000	0.0	0.0	0.0
				61.09830	71.37900	85.00000	0.0	0.0	0.0
				61.85260	71.37900	85.00000	0.0	0.0	0.0
				62.60690	71.37900	85.00000	0.0	0.0	0.0
				63.36120	71.37900	85.00000	0.0	0.0	0.0
				64.11550	71.37900	85.00000	0.0	0.0	0.0
				64.86980	71.37900	85.00000	0.0	0.0	0.0
				65.62410	71.37900	85.00000	0.0	0.0	0.0
				66.37840	71.37900	85.00000	0.0	0.0	0.0
				67.13270	71.37900	85.00000	0.0	0.0	0.0
				67.88700	71.37900	85.00000	0.0	0.0	0.0
				68.64130	71.37900	85.00000	0.0	0.0	0.0
				69.39560	71.37900	85.00000	0.0	0.0	0.0
				70.14990	71.37900	85.00000	0.0	0.0	0.0
				70.90420	71.37900	85.00000	0.0	0.0	0.0
				71.65850	71.37900	85.00000	0.0	0.0	0.0
				72.41280	71.37900	85.00000	0.0	0.0	0.0
				73.16710	71.37900	85.00000	0.0	0.0	0.0
				73.92140	71.37900	85.00000	0.0	0.0	0.0
				74.67570	71.37900	85.00000	0.0	0.0	0.0
				75.43000	71.37900	85.00000	0.0	0.0	0.0
				0.00000	72.10000	85.00000	0.0	0.0	0.0
				0.75430	72.10000	85.00000	0.0	0.0	0.0
				1.50860	72.10000	85.00000	0.0	0.0	0.0
				2.26290	72.10000	85.00000	0.0	0.0	0.0
				3.01720	72.10000	85.00000	0.0	0.0	0.0
				3.77150	72.10000	85.00000	0.0	0.0	0.0
				4.52580	72.10000	85.00000	0.0	0.0	0.0
				5.28010	72.10000	85.00000	0.0	0.0	0.0
				6.03440	72.10000	85.00000	0.0	0.0	0.0
				6.78870	72.10000	85.00000	0.0	0.0	0.0
				7.54300	72.10000	85.00000	0.0	0.0	0.0
				8.29730	72.10000	85.00000	0.0	0.0	0.0
				9.05160	72.10000	85.00000	0.0	0.0	0.0
				9.80590	72.10000	85.00000	0.0	0.0	0.0
				10.56020	72.10000	85.00000	0.0	0.0	0.0
				11.31450	72.10000	85.00000	0.0	0.0	0.0
				12.06880	72.10000	85.00000	0.0	0.0	0.0
				12.82310	72.10000	85.00000	0.0	0.0	0.0
				13.57740	72.10000	85.00000	0.0	0.0	0.0
				14.33170	72.10000	85.00000	0.0	0.0	0.0
				15.08600	72.10000	85.00000	0.0	0.0	0.0
				15.84030	72.10000	85.00000	0.0	0.0	0.0
				16.59460	72.10000	85.00000	0.0	0.0	0.0
				17.34890	72.10000	85.00000	0.0	0.0	0.0
				18.10320	72.10000	85.00000	0.0	0.0	0.0
				18.85750	72.10000	85.00000	0.0	0.0	0.0
				19.61180	72.10000	85.00000	0.0	0.0	0.0
				20.36610	72.10000	85.00000	0.0	0.0	0.0
				21.12040	72.10000	85.00000	0.0	0.0	0.0
				21.87470	72.10000	85.00000	0.0	0.0	0.0
				22.62900	72.10000	85.00000	0.0	0.0	0.0
				23.38330	72.10000	85.00000	0.0	0.0	0.0
				24.13760	72.10000	85.00000	0.0	0.0	0.0
				24.89190	72.10000	85.00000	0.0	0.0	0.0
				25.64620	72.10000	85.00000	0.0	0.0	0.0
				26.40050	72.10000	85.00000	0.0	0.0	0.0
				27.15480	72.10000	85.00000	0.0	0.0	0.0
				27.90910	72.10000	85.00000	0.0	0.0	0.0
				28.66340	72.10000	85.00000	0.0	0.0	0.0
				29.41770	72.10000	85.00000	0.0	0.0	0.0
				30.17200	72.10000	85.00000	0.0	0.0	0.0
				30.92630	72.10000	85.00000	0.0	0.0	0.0
				31.68060	72.10000	85.00000	0.0	0.0	0.0
				32.43490	72.10000	85.00000	0.0	0.0	0.0
				33.18920	72.10000	85.00000	0.0	0.0	0.0
				33.94350	72.10000	85.00000	0.0	0.0	0.0
				34.69780	72.10000	85.00000	0.0	0.0	0.0
				35.45210	72.10000	85.00000	0.0	0.0	0.0
				36.20640	72.10000	85.00000	0.0	0.0	0.0
				36.96070	72.10000	85.00000	0.0	0.0	0.0
				37.71500	72.10000	85.00000	0.0	0.0	0.0
				38.46930	72.10000	85.00000	0.0	0.0	0.0
				39.22360	72.10000	85.00000	0.0	0.0	0.0
				39.97790	72.10000	85.00000	0.0	0.0	0.0
				40.73220	72.10000	85.00000	0.0	0.0	0.0
				41.48650	72.10000	85.00000	0.0	0.0	0.0
				42.24080	72.10000	85.00000	0.0	0.0	0.0
				42.99510	72.10000	85.00000	0.0	0.0	0.0
				43.74940	72.10000	85.00000	0.0	0.0	0.0
				44.50370	72.10000	85.00000	0.0	0.0	0.0
				45.25800	72.10000	85.00000	0.0	0.0	0.0
				46.01230	72.10000	85.00000	0.0	0.0	0.0
				46.76660	72.10000	85.00000	0.0	0.0	0.0
				47.52090	72.10000	85.00000	0.0	0.0	0.0
				48.27520	72.10000	85.00000	0.0	0.0	0.0
				49.02950	72.10000	85.00000	0.0	0.0	0.0
				49.78380	72.10000	85.00000	0.0	0.0	0.0
				50.53810	72.10000	85.00000	0.0	0.0	0.0
				51.29240	72.10000	85.00000	0.0	0.0	0.0
				52.04670	72.10000	85.00000	0.0	0.0	0.0
				52.80100	72.10000	85.00000	0.0	0.0	0.0
				53.55530	72.10000	85.00000	0.0	0.0	0.0
				54.30960	72.10000	85.00000	0.0	0.0	0.0
				55.06390	72.10000	85.00000	0.0	0.0	0.0
				55.81820	72.10000	85.00000	0.0	0.0	0.0
				56.57250	72.10000	85.00000	0.0	0.0	0.0
				57.32680	72.10000	85.00000	0.0	0.0	0.0
				58.08110	72.10000	85.00000	0.0	0.0	0.0
				58.83540	72.10000	85.00000	0.0	0.0	0.0
				59.58970	72.10000	85.00000	0.0	0.0	0.0
				60.34400	72.10000	85.00000	0.0	0.0	0.0
				61.09830	72.10000	85.00000	0.0	0.0	0.0
				61.85260	72.10000	85.00000	0.0	0.0	0.0
				62.60690	72.10000	85.00000	0.0	0.0	0.0
				63.36120	72.10000	85.00000	0.0	0.0	0.0
				64.11550	72.10000	85.00000	0.0	0.0	0.0
				64.86980	72.10000	85.00000	0.0	0.0	0.0
				65.62410	72.10000	85.00000	0.0	0.0	0.0
				66.37840	72.10000	85.00000	0.0	0.0	0.0
				67.13270	72.10000	85.00000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				67.88700	72.10000	85.00000	0.0	0.0	0.0
				68.64130	72.10000	85.00000	0.0	0.0	0.0
				69.39560	72.10000	85.00000	0.0	0.0	0.0
				70.14990	72.10000	85.00000	0.0	0.0	0.0
				70.90420	72.10000	85.00000	0.0	0.0	0.0
				71.65850	72.10000	85.00000	0.0	0.0	0.0
				72.41280	72.10000	85.00000	0.0	0.0	0.0
				73.16710	72.10000	85.00000	0.0	0.0	0.0
				73.92140	72.10000	85.00000	0.0	0.0	0.0
				74.67570	72.10000	85.00000	0.0	0.0	0.0
				75.43000	72.10000	85.00000	0.0	0.0	0.0

Specific Building Damage Results - Horizontal Displacements

Stage Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy	δz//	δperp.
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0	Base Model	1	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	0.0	54.90000	46.85000	85.00000	-1.8193	-1.3138	-1.4822	-1.6849
					0.51052	55.9778	46.73667	85.00000	-1.7183	-1.1628	-1.4173	-1.3533
					1.0210	55.95556	46.62333	85.00000	-1.6100	-1.0218	-1.3430	-1.3537
					1.5315	56.39333	46.51000	85.00000	-1.4947	-0.89029	-1.2598	-1.1999
					2.0421	56.89111	46.39667	85.00000	-1.3755	-0.76940	-1.1704	-1.0556
					2.5526	57.38889	46.28333	85.00000	-1.2585	-0.66193	-1.0802	-0.92480
					3.0631	57.88667	46.17000	85.00000	-1.1331	-0.56124	-0.98024	-0.79878
					3.5736	58.38444	46.05667	85.00000	-0.99974	-0.46697	-0.87113	-0.67725
					4.0841	58.88222	45.94333	85.00000	-0.85887	-0.37878	-0.75335	-0.55999
					4.5946	59.38000	45.83000	85.00000	-0.71090	-0.29632	-0.62738	-0.44674
					0.0	59.38000	45.83000	85.00000	-0.71090	-0.29632	-0.45806	0.61916
					0.45235	59.49800	46.30800	85.00000	-0.58133	-0.25988	-0.39134	0.50218
					0.98470	59.61600	46.78600	85.00000	-0.45306	-0.21576	-0.31806	0.38814
					1.4770	59.73400	47.26400	85.00000	-0.32614	-0.16501	-0.23837	0.27709
					1.9694	59.85200	47.74200	85.00000	-0.19942	-0.10683	-0.15152	0.16801
					2.4617	59.97000	48.22000	85.00000	-0.12227	-0.068254	-0.09539	0.10210
					2.9541	60.08800	48.69800	85.00000	-0.047002	-0.028151	-0.038498	0.038909
					3.4464	60.20600	49.17600	85.00000	0.0	0.0	0.0	0.0
					3.9388	60.32400	49.65400	85.00000	0.0	0.0	0.0	0.0
					4.4311	60.44200	50.13200	85.00000	0.0	0.0	0.0	0.0
					4.9235	60.56000	50.61000	85.00000	0.0	0.0	0.0	0.0
					0.0	60.56000	50.61000	85.00000	0.0	0.0	0.0	0.0
					0.50259	60.07222	50.73111	85.00000	0.0	0.0	0.0	0.0
					1.0052	59.58444	50.85222	85.00000	0.0	0.0	0.0	0.0
					1.5078	59.09667	50.97333	85.00000	0.0	0.0	0.0	0.0
					2.0104	58.60889	51.08444	85.00000	-0.011569	-0.0098466	0.0088549	0.012044
					2.5129	58.12111	51.21556	85.00000	-0.071848	-0.063983	0.054313	0.079411
					3.0155	57.63333	51.33667	85.00000	-0.12920	-0.12040	0.096379	0.14799
					3.5181	57.14556	51.45778	85.00000	-0.18787	-0.18315	0.13820	0.22303
					4.0207	56.65778	51.57889	85.00000	-0.27079	-0.27572	0.19637	0.33285
					4.5233	56.17000	51.70000	85.00000	-0.34825	-0.37098	0.24859	0.42492
					0.0	56.17000	51.70000	85.00000	-0.34825	-0.37098	0.44710	-0.24292
					0.50135	56.04300	51.21500	85.00000	-0.48733	-0.50460	0.61159	-0.34362
					1.0027	55.91600	50.73000	85.00000	-0.62780	-0.63091	0.76936	-0.44750
					1.5041	55.78900	50.24500	85.00000	-0.76979	-0.74947	0.92002	-0.55483
					2.0054	55.66200	49.76000	85.00000	-0.91347	-0.85979	1.0631	-0.66586
					2.5068	55.53500	49.27500	85.00000	-1.0590	-0.96132	1.1982	-0.78093
					3.0081	55.40800	48.79000	85.00000	-1.2065	-1.0535	1.3247	-0.90030
					3.5095	55.28100	48.30500	85.00000	-1.3562	-1.1355	1.4420	-1.0243
					4.0108	55.15400	47.82000	85.00000	-1.5081	-1.2068	1.5495	-1.1532
					4.5122	55.02700	47.33500	85.00000	-1.6624	-1.1265	1.6464	-1.2429
					5.0135	54.90000	46.85000	85.00000	-1.8193	-1.3138	1.7318	-1.4271
					0.0	35.76000	61.70000	85.00000	0.0	0.0	0.0	0.0
					0.51305	36.26875	61.63375	85.00000	0.0	0.0	0.0	0.0
					1.0261	36.77750	61.56750	85.00000	0.0	0.0	0.0	0.0
					1.5381	37.28625	61.50125	85.00000	0.0	0.0	0.0	0.0
					2.0522	37.79500	61.43500	85.00000	0.0	0.0	0.0	0.0
					2.5652	38.30375	61.36875	85.00000	0.0	0.0	0.0	0.0
					3.0783	38.81250	61.30250	85.00000	0.0	0.0	0.0	0.0
					3.5913	39.32125	61.23625	85.00000	0.0	0.0	0.0	0.0
					4.1044	39.83000	61.17000	85.00000	0.0	0.0	0.0	0.0
					0.0	39.83000	61.17000	85.00000	0.0	0.0	0.0	0.0
					0.45872	39.77167	60.71500	85.00000	0.0	0.0	0.0	0.0
					0.91745	39.71333	60.26000	85.00000	-0.0015653	-0.066753	0.066411	0.0069361
					1.3762	39.65500	59.80500	85.00000	-0.0052938	-0.22577	0.22461	0.0762
					1.8349	39.59667	59.35000	85.00000	-0.0099473	-0.42422	0.42204	0.044079
					2.2936	39.53833	58.89500	85.00000	-0.015588	-0.66480	0.66139	0.069077
					2.7523	39.48000	58.44000	85.00000	-0.021249	-0.90620	0.90155	0.094160
					0.0	39.48000	58.44000	85.00000	-0.021249	-0.90620	-0.093769	0.90159
					0.51289	38.97125	58.50500	85.00000	-0.020907	-0.89162	-0.092260	0.88708
					1.0258	38.46250	58.57000	85.00000	-0.020548	-0.87632	-0.090677	0.87186
					1.5387	37.95375	58.63500	85.00000	-0.020173	-0.86030	-0.089020	0.85592
					2.0515	37.44500	58.70000	85.00000	-0.019481	-0.83081	-0.085968	0.82658
					2.5644	36.93625	58.76500	85.00000	-0.018304	-0.78062	-0.080774	0.77664
					3.0773	36.42750	58.83000	85.00000	-0.017157	-0.73117	-0.075714	0.72199
					3.5902	35.91875	58.89500	85.00000	-0.016041	-0.68410	-0.070787	0.68061
					4.1031	35.41000	58.96000	85.00000	-0.014954	-0.63776	-0.065992	0.63452
					0.0	35.41000	58.96000	85.00000	-0.014954	-0.63776	-0.063452	-0.065976
					0.46038	35.46833	59.41667	85.00000	-0.0096340	-0.41086	-0.40877	-0.042503
					0.92075	35.52667	59.87333	85.00000	-0.0051462	-0.21947	-0.21835	-0.022708
					1.3811	35.58500	60.33000	85.00000	-0.0016698	-0.071213	-0.070851	-0.0073669
					1.8415	35.64333	60.78667	85.00000	0.0	0.0	0.0	0.0
					2.3019	35.70167	61.24333	85.00000	0.0	0.0	0.0	0.0
					2.7623	35.76000	61.70000	85.00000	0.0	0.0	0.0	0.0
					0.0	50.12000	72.10000	85.00000	0.0	0.0	0.0	0.0
					0.47482	50.05250	71.63000	85.00000	0.0	0.0	0.0	0.0
					0.94964	49.98500	71.16000	85.00000	0.0	0.0	0.0	0.0
					1.4245	49.91750	70.69000	85.00000	0.0	0.0	0.0	0.0
					1.8993	49.85000	70.22000	85.00000	0.0	0.0	0.0	0.0
					2.3741	49.78250	69.75000	85.00000	0.0	0.0	0.0	0.0
					2.8489	49.71500	69.28000	85.00000	0.0	0.0	0.0	0.0
					3.3238	49.64750	68.81000	85.00000	0.0	0.0	0.0	0.0
					3.7986	49.58000	68.34000	85.00000	0.0	0.0	0.0	0.0
					0.0	49.58000	68.34000	85.00000	0.0	0.0	0.0	0.0
					0.51916	49.06296	68.38571	85.00000	0.0	0.0	0.0	0.0
					1.0383	48.54571	68.43143	85.00000	0.0	0.0	0.0	0.0
					1.5575	48.02857	68.47714	85.00000	0.0	0.0	0.0	0.0
					2.0766	47.51143	68.52286	85.00000	0.0	0.0	0.0	0.0
					2.5958	46.99429	68.56857	85.00000	0.0	0.0	0.0	0.0
					3.1150	46.47714	68.61429	85.00000	0.0	0.0	0.0	0.0
					3.6341	45.96000	68.66000	85.00000	0.0	0.0	0.0	0.0
					0.0	45.96000	68.66000	85.00000	0.0	0.0	0.0	0.0
					0.49562	46.02429	69.15143	85.00000	0.0	0.0	0.0	0.0
					0.99123	46.08857	69.64286	85.00000	0.0	0.0	0.0	0.0
					1.4868	46.15286	70.13429	85.00000	0.0	0.0	0.0	0.0
					1.9825	46.21714	70.62571	85.00000	0.0	0.0	0.0	0.0
					2.4781	46.28143	71.11714	85.00000	0.0	0.0	0.0	0.0
					2.9737	46.34571	71.60857	85.00000	0.0	0.0	0.0	0.0
					3.4693	46.41000	72.10000	85.00000	0.0	0.0	0.0	0.0
					0.0	39.34000	72.10000	85.00000	0.0	0.0	0.0	0.0
					0.51823	39.24800	71.59000	85.00000	0.0	0.0	0.0	0.0
					1.0365	39.15600	71.08000	85.00000	0.0	0.0	0.0	0.0
					1.5547	39.06400	70.57000	85.00000	0.0	0.0	0.0	0.0
					2.0729	38.97200	70.06000	85.00000	0.0	0.0	0.0	0.0
					2.5912	38.88000	69.55000	85.00000	0.0	0.0	0.0	0.0
					0.0	38.88000	69.55000	85.00000	0.0	0.0	0.0	0.0
					0.47154	38.41600	69.63400	85.00000	0.0	0.0	0.0	0.0



A-SQUARED STUDIO
ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy	δR//	δRperp.	
						[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
						2.3577	36.56000	69.97000	85.00000	0.0	0.0	0.0	0.0
						0.0	36.56000	69.97000	85.00000	0.0	0.0	0.0	0.0
						0.53848	36.64000	70.50250	85.00000	0.0	0.0	0.0	0.0
						1.0770	36.72000	71.03500	85.00000	0.0	0.0	0.0	0.0
						1.6154	36.80000	71.56750	85.00000	0.0	0.0	0.0	0.0
						2.1539	36.88000	72.10000	85.00000	0.0	0.0	0.0	0.0
						0.0	15.73000	72.10000	85.00000	0.0	0.0	0.0	0.0
						0.49590	15.69700	71.60520	85.00000	0.0	0.0	0.0	0.0
						0.99180	15.66400	71.11040	85.00000	0.0	0.0	0.0	0.0
						1.4877	15.63100	70.61560	85.00000	0.0	0.0	0.0	0.0
						1.9836	15.59800	70.12080	85.00000	0.0	0.0	0.0	0.0
						2.4795	15.56500	69.62600	85.00000	0.0	0.0	0.0	0.0
						2.9754	15.53200	69.13120	85.00000	0.0	0.0	0.0	0.0
						3.4713	15.49900	68.63640	85.00000	0.0	0.0	0.0	0.0
						3.9672	15.46600	68.14160	85.00000	0.0	0.0	0.0	0.0
						4.4631	15.43300	67.64680	85.00000	0.0	0.0	0.0	0.0
						4.9590	15.40000	67.15200	85.00000	0.0	0.0	0.0	0.0
						5.4549	15.36700	66.65720	85.00000	0.0	0.0	0.0	0.0
						5.9508	15.33400	66.16240	85.00000	0.0	0.0	0.0	0.0
						6.4467	15.30100	65.66760	85.00000	0.0	0.0	0.0	0.0
						6.9426	15.26800	65.17280	85.00000	0.0	0.0	0.0	0.0
						7.4385	15.23500	64.67800	85.00000	0.0	0.0	0.0	0.0
						7.9344	15.20200	64.18320	85.00000	0.0	0.0	0.0	0.0
						8.4303	15.16900	63.68840	85.00000	0.0	0.0	0.0	0.0
						8.9262	15.13600	63.19360	85.00000	0.0	0.0	0.0	0.0
						9.4221	15.10300	62.69880	85.00000	0.0	0.0	0.0	0.0
						9.9180	15.07000	62.20400	85.00000	0.0	0.0	0.0	0.0
						10.414	15.03700	61.70920	85.00000	0.0	0.0	0.0	0.0
						10.910	15.00400	61.21440	85.00000	0.0	0.0	0.0	0.0
						11.406	14.97100	60.71960	85.00000	0.0	0.0	0.0	0.0
						11.902	14.93800	60.22480	85.00000	0.0	0.0	0.0	0.0
						12.397	14.90500	59.73000	85.00000	0.0	0.0	0.0	0.0
						12.893	14.87200	59.23520	85.00000	0.0	0.0	0.0	0.0
						13.389	14.83900	58.74040	85.00000	0.0	0.0	0.0	0.0
						13.885	14.80600	58.24560	85.00000	0.0	0.0	0.0	0.0
						14.381	14.77300	57.75080	85.00000	0.0	0.0	0.0	0.0
						14.877	14.74000	57.25600	85.00000	0.0	0.0	0.0	0.0
						15.373	14.70700	56.76120	85.00000	0.0	0.0	0.0	0.0
						15.869	14.67400	56.26640	85.00000	0.0	0.0	0.0	0.0
						16.365	14.64100	55.77160	85.00000	0.0	0.0	0.0	0.0
						16.861	14.60800	55.27680	85.00000	0.0	0.0	0.0	0.0
						17.356	14.57500	54.78200	85.00000	0.0	0.0	0.0	0.0
						17.852	14.54200	54.28720	85.00000	0.0	0.0	0.0	0.0
						18.348	14.50900	53.79240	85.00000	0.0	0.0	0.0	0.0
						18.844	14.47600	53.29760	85.00000	0.0	0.0	0.0	0.0
						19.340	14.44300	52.80280	85.00000	0.0	0.0	0.0	0.0
						19.836	14.41000	52.30800	85.00000	0.0	0.0	0.0	0.0
						20.332	14.37700	51.81320	85.00000	0.0	0.0	0.0	0.0
						20.828	14.34400	51.31840	85.00000	0.0	0.0	0.0	0.0
						21.324	14.31100	50.82360	85.00000	0.0	0.0	0.0	0.0
						21.820	14.27800	50.32880	85.00000	0.0	0.0	0.0	0.0
						22.315	14.24500	49.83400	85.00000	0.0	0.0	0.0	0.0
						22.811	14.21200	49.33920	85.00000	0.0	0.0	0.0	0.0
						23.307	14.17900	48.84440	85.00000	0.0	0.0	0.0	0.0
						23.803	14.14600	48.34960	85.00000	0.0	0.0	0.0	0.0
						24.299	14.11300	47.85480	85.00000	0.0	0.0	0.0	0.0
						24.795	14.08000	47.36000	85.00000	0.0	0.0	0.0	0.0
						0.0	14.08000	47.36000	85.00000	0.0	0.0	0.0	0.0
						0.50652	13.57462	47.39385	85.00000	0.0	0.0	0.0	0.0
						1.0130	13.06923	47.42769	85.00000	0.0	0.0	0.0	0.0
						1.5196	12.56385	47.46154	85.00000	0.0	0.0	0.0	0.0
						2.0261	12.05846	47.49538	85.00000	0.0	0.0	0.0	0.0
						2.5326	11.55308	47.52923	85.00000	0.0	0.0	0.0	0.0
						3.0391	11.04769	47.56308	85.00000	0.0	0.0	0.0	0.0
						3.5456	10.54231	47.59692	85.00000	0.0	0.0	0.0	0.0
						4.0521	10.03692	47.63077	85.00000	0.0	0.0	0.0	0.0
						4.5587	9.53154	47.66462	85.00000	0.0	0.0	0.0	0.0
						5.0652	9.02615	47.69846	85.00000	0.0	0.0	0.0	0.0
						5.5717	8.52077	47.73231	85.00000	0.0	0.0	0.0	0.0
						6.0782	8.01538	47.76615	85.00000	0.0	0.0	0.0	0.0
						6.5847	7.51000	47.80000	85.00000	0.0	0.0	0.0	0.0
						0.0	7.51000	47.80000	85.00000	0.0	0.0	0.0	0.0
						0.49831	7.55878	48.29592	85.00000	0.0	0.0	0.0	0.0
						0.99662	7.60755	48.79184	85.00000	0.0	0.0	0.0	0.0
						1.4949	7.65633	49.28776	85.00000	0.0	0.0	0.0	0.0
						1.9932	7.70510	49.78367	85.00000	0.0	0.0	0.0	0.0
						2.4916	7.75388	50.27959	85.00000	0.0	0.0	0.0	0.0
						2.9899	7.80265	50.77551	85.00000	0.0	0.0	0.0	0.0
						3.4882	7.85143	51.27143	85.00000	0.0	0.0	0.0	0.0
						3.9865	7.90020	51.76735	85.00000	0.0	0.0	0.0	0.0
						4.4848	7.94898	52.26327	85.00000	0.0	0.0	0.0	0.0
						4.9831	7.99776	52.75918	85.00000	0.0	0.0	0.0	0.0
						5.4814	8.04653	53.25510	85.00000	0.0	0.0	0.0	0.0
						5.9797	8.09531	53.75102	85.00000	0.0	0.0	0.0	0.0
						6.4780	8.14408	54.24694	85.00000	0.0	0.0	0.0	0.0
						6.9764	8.19286	54.74286	85.00000	0.0	0.0	0.0	0.0
						7.4747	8.24163	55.23878	85.00000	0.0	0.0	0.0	0.0
						7.9730	8.29041	55.73469	85.00000	0.0	0.0	0.0	0.0
						8.4713	8.33918	56.23061	85.00000	0.0	0.0	0.0	0.0



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	dx	dy	dz	Hyperp.
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
						1.0227	10.21111	43.39222	85.00000	0.0	0.0	0.0
						1.5340	10.43667	42.93333	85.00000	0.0	0.0	0.0
						2.0453	10.66222	42.47444	85.00000	0.0	0.0	0.0
						2.5566	10.88778	42.01556	85.00000	0.0	0.0	0.0
						3.0680	11.11333	41.55667	85.00000	0.0	0.0	0.0
						3.5793	11.33889	41.09778	85.00000	0.0	0.0	0.0
						4.0906	11.56444	40.63889	85.00000	0.0	0.0	0.0
						4.6019	11.79000	40.18000	85.00000	0.0	0.0	0.0
20	Highgate Chapel			HGC.6		0.0	11.79000	40.18000	85.00000	0.0	0.0	0.0
						0.51804	11.32500	39.95167	85.00000	0.0	0.0	0.0
						1.0361	10.86000	39.72333	85.00000	0.0	0.0	0.0
						1.5541	10.39500	39.49500	85.00000	0.0	0.0	0.0
						2.0721	9.93000	39.26667	85.00000	0.0	0.0	0.0
						2.5902	9.46500	39.03833	85.00000	0.0	0.0	0.0
						3.1082	9.00000	38.81000	85.00000	0.0	0.0	0.0
21	Highgate Chapel			HGC.7		0.0	9.00000	38.81000	85.00000	0.0	0.0	0.0
						0.51230	8.79111	39.27778	85.00000	0.0	0.0	0.0
						1.0246	8.58222	39.74556	85.00000	0.0	0.0	0.0
						1.5369	8.37333	40.21333	85.00000	0.0	0.0	0.0
						2.0492	8.16444	40.68111	85.00000	0.0	0.0	0.0
						2.5615	7.95556	41.14889	85.00000	0.0	0.0	0.0
						3.0738	7.74667	41.61667	85.00000	0.0	0.0	0.0
						3.5861	7.53778	42.08444	85.00000	0.0	0.0	0.0
						4.0984	7.32889	42.55222	85.00000	0.0	0.0	0.0
						4.6107	7.12000	43.02000	85.00000	0.0	0.0	0.0
22	Highgate Chapel			HGC.8		0.0	15.93000	41.05000	85.00000	1.0787	-0.14785	0.65199
						0.49428	16.27700	41.40200	85.00000	1.2001	-0.19720	0.70206
						0.98856	16.62400	41.75400	85.00000	1.3140	-0.25377	0.74178
						1.4828	16.97100	42.10600	85.00000	1.4290	-0.31931	0.77583
						1.9771	17.31800	42.45800	85.00000	1.5439	-0.39354	0.80358
						2.4714	17.66500	42.81000	85.00000	1.6531	-0.47526	0.82210
						2.9657	18.01200	43.16200	85.00000	1.7566	-0.56421	0.83137
						3.4600	18.35900	43.51400	85.00000	1.8539	-0.66007	0.83142
						3.9542	18.70600	43.86600	85.00000	1.9448	-0.76239	0.82235
						4.4485	19.05300	44.21800	85.00000	2.0289	-0.87064	0.80433
						4.9428	19.40000	44.57000	85.00000	2.1060	-0.98417	0.77763
23	Highgate Chapel			HGC.9		0.0	19.40000	44.57000	85.00000	2.1060	-0.98417	2.1916
						0.51338	19.76600	44.21000	85.00000	2.3279	-1.0528	2.3979
						1.0268	20.13200	43.85000	85.00000	2.5508	-1.1125	2.5986
						1.5401	20.49800	43.49000	85.00000	2.7748	-1.1620	2.7930
						2.0535	20.86400	43.13000	85.00000	2.9999	-1.2001	2.9803
						2.5669	21.23000	42.77000	85.00000	3.2263	-1.2255	3.1594
						3.0803	21.59600	42.41000	85.00000	3.4538	-1.2363	3.3292
						3.5936	21.96200	42.05000	85.00000	3.6826	-1.2307	3.4884
						4.1070	22.32800	41.69000	85.00000	3.9124	-1.2063	3.6352
						4.6204	22.69400	41.33000	85.00000	4.1433	-1.1606	3.7677
						5.1338	23.06000	40.97000	85.00000	4.3750	-1.0905	3.8837
24	Highgate Chapel			HGC.10		0.0	23.06000	40.97000	85.00000	4.3750	-1.0905	-2.2948
						0.49428	22.71300	40.61800	85.00000	4.2600	-0.84560	-2.3885
						0.98856	22.36600	40.26600	85.00000	4.1859	-0.63467	-2.4867
						1.4828	22.01900	39.91400	85.00000	4.0961	-0.44567	-2.5582
						1.9771	21.67200	39.56200	85.00000	3.9917	-0.27808	-2.6043
						2.4714	21.32500	39.21000	85.00000	3.8739	-0.13112	-2.6262
						2.9657	20.97800	38.85800	85.00000	3.7436	-0.0038723	-2.6253
						3.4600	20.63100	38.50600	85.00000	3.6019	0.10471	-2.6032
						3.9542	20.28400	38.15400	85.00000	3.4497	-0.19572	-2.5612
						4.4485	19.93700	37.80200	85.00000	3.2881	-0.27027	-2.5008
						4.9428	19.59000	37.45000	85.00000	3.1183	0.31183	-2.4112
25	Highgate Chapel			HGC.11		0.0	19.59000	37.45000	85.00000	3.1183	0.31183	-2.0045
						0.51338	19.22400	37.81000	85.00000	2.9103	0.22571	-1.9166
						1.0268	18.85800	37.17000	85.00000	2.7032	0.13602	-1.8318
						1.5401	18.49200	36.53000	85.00000	2.4966	0.059805	-1.7380
						2.0535	18.12600	35.89000	85.00000	2.2909	-0.0035223	-1.6357
						2.5669	17.76000	35.25000	85.00000	2.0861	-0.054590	-1.5255
						3.0803	17.39400	34.61000	85.00000	1.8824	-0.094031	-1.4080
						3.5936	17.02800	33.97000	85.00000	1.6798	-0.12248	-1.2835
						4.1070	16.66200	40.33000	85.00000	1.4783	-0.14054	-1.1525
						4.6204	16.29600	40.69000	85.00000	1.2780	-0.14881	-1.0155
						5.1338	15.93000	41.05000	85.00000	1.0787	-0.14785	-0.87272
26	81 Swain's Ln			81.SL.1		0.0	12.32000	22.91000	85.00000	0.0	0.0	0.0
						0.49414	12.33810	23.40381	85.00000	0.0	0.0	0.0
						0.98828	12.35619	23.89762	85.00000	0.0	0.0	0.0
						1.4824	12.37429	24.39143	85.00000	0.0	0.0	0.0
						1.9766	12.39238	24.88524	85.00000	0.0	0.0	0.0
						2.4707	12.41048	25.37905	85.00000	0.0	0.0	0.0
						2.9648	12.42857	25.87286	85.00000	0.0	0.0	0.0
						3.4590	12.44667	26.36667	85.00000	0.0	0.0	0.0
						3.9531	12.46476	26.86048	85.00000	0.0	0.0	0.0
						4.4473	12.48286	27.35429	85.00000	0.0	0.0	0.0
						4.9414	12.50095	27.84810	85.00000	0.0	0.0	0.0
						5.4356	12.51905	28.34190	85.00000	0.0	0.0	0.0
						5.9297	12.53714	28.83571	85.00000	0.0	0.0	0.0
						6.4238	12.55524	29.32952	85.00000	0.0	0.0	0.0
						6.9180	12.57333	29.82333	85.00000	0.0	0.0	0.0
						7.4121	12.59143	30.31714	85.00000	0.0	0.0	0.0
						7.9063	12.60952	30.81095	85.00000	0.0	0.0	0.0
						8.4004	12.62762	31.30476	85.00000	0.0	0.0	0.0
						8.8945	12.64571	31.79857	85.00000	0.0	0.0	0.0
						9.3887	12.66381	32.29238	85.00000	0.0	0.0	0.0
						9.8828	12.68190	32.78619	85.00000	0.0	0.0	0.0
						10.377	12.70000	33.28000	85.00000	0.0	0.0	



A-SQUARED STUDIO
ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
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Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy	δR//	δRperp.	
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
						2.0747	16.46000	22.63000	85.00000	0.0029621	0.0017586	-0.0028367	-0.0019545
						2.5934	15.94250	22.66500	85.00000	0.0	0.0	0.0	0.0
						3.1121	15.42500	22.70000	85.00000	0.0	0.0	0.0	0.0
						3.6308	14.90750	22.73500	85.00000	0.0	0.0	0.0	0.0
						4.1495	14.39000	22.77000	85.00000	0.0	0.0	0.0	0.0
						4.6681	13.87250	22.80500	85.00000	0.0	0.0	0.0	0.0
						5.1868	13.35500	22.84000	85.00000	0.0	0.0	0.0	0.0
						5.7055	12.83750	22.87500	85.00000	0.0	0.0	0.0	0.0
						6.2242	12.32000	22.91000	85.00000	0.0	0.0	0.0	0.0
30	81 Swain's Ln		81.SL.5			0.0	2.99000	26.53000	85.00000	0.0	0.0	0.0	0.0
						0.50739	3.49706	26.51176	85.00000	0.0	0.0	0.0	0.0
						1.0148	4.00412	26.49353	85.00000	0.0	0.0	0.0	0.0
						1.5222	4.51118	26.47529	85.00000	0.0	0.0	0.0	0.0
						2.0295	5.01824	26.45706	85.00000	0.0	0.0	0.0	0.0
						2.5369	5.52529	26.43882	85.00000	0.0	0.0	0.0	0.0
						3.0443	6.03235	26.42059	85.00000	0.0	0.0	0.0	0.0
						3.5517	6.53941	26.40235	85.00000	0.0	0.0	0.0	0.0
						4.0591	7.04647	26.38412	85.00000	0.0	0.0	0.0	0.0
						4.5665	7.55353	26.36588	85.00000	0.0	0.0	0.0	0.0
						5.0739	8.06059	26.34765	85.00000	0.0	0.0	0.0	0.0
						5.5813	8.56765	26.32941	85.00000	0.0	0.0	0.0	0.0
						6.0886	9.07471	26.31118	85.00000	0.0	0.0	0.0	0.0
						6.5960	9.58176	26.29294	85.00000	0.0	0.0	0.0	0.0
						7.1034	10.08882	26.27471	85.00000	0.0	0.0	0.0	0.0
						7.6108	10.59588	26.25647	85.00000	0.0	0.0	0.0	0.0
						8.1182	11.10294	26.23824	85.00000	0.0	0.0	0.0	0.0
31	81 Swain's Ln		81.SL.6			8.6256	11.61000	26.22000	85.00000	0.0	0.0	0.0	0.0
						0.0	11.61000	26.22000	85.00000	0.0	0.0	0.0	0.0
						0.48034	11.59200	25.74000	85.00000	0.0	0.0	0.0	0.0
						0.96067	11.57400	25.26000	85.00000	0.0	0.0	0.0	0.0
						1.4410	11.55600	24.78000	85.00000	0.0	0.0	0.0	0.0
						1.9213	11.53800	24.30000	85.00000	0.0	0.0	0.0	0.0
						2.4017	11.52000	23.82000	85.00000	0.0	0.0	0.0	0.0
						2.8820	11.50200	23.34000	85.00000	0.0	0.0	0.0	0.0
						3.3624	11.48400	22.86000	85.00000	0.0	0.0	0.0	0.0
						3.8427	11.46600	22.38000	85.00000	0.0	0.0	0.0	0.0
						4.3230	11.44800	21.90000	85.00000	0.0	0.0	0.0	0.0
						4.8034	11.43000	21.42000	85.00000	0.0	0.0	0.0	0.0
32	81 Swain's Ln		81.SL.7			0.0	11.43000	21.42000	85.00000	0.0	0.0	0.0	0.0
						0.50423	10.92588	21.43059	85.00000	0.0	0.0	0.0	0.0
						1.0085	10.42176	21.44118	85.00000	0.0	0.0	0.0	0.0
						1.5127	9.91765	21.45176	85.00000	0.0	0.0	0.0	0.0
						2.0169	9.41353	21.46235	85.00000	0.0	0.0	0.0	0.0
						2.5211	8.90941	21.47294	85.00000	0.0	0.0	0.0	0.0
						3.0254	8.40529	21.48353	85.00000	0.0	0.0	0.0	0.0
						3.5296	7.90118	21.49412	85.00000	0.0	0.0	0.0	0.0
						4.0338	7.39706	21.50471	85.00000	0.0	0.0	0.0	0.0
						4.5381	6.89294	21.51529	85.00000	0.0	0.0	0.0	0.0
						5.0423	6.38882	21.52588	85.00000	0.0	0.0	0.0	0.0
						5.5465	5.88471	21.53647	85.00000	0.0	0.0	0.0	0.0
						6.0507	5.38059	21.54706	85.00000	0.0	0.0	0.0	0.0
						6.5550	4.87647	21.55765	85.00000	0.0	0.0	0.0	0.0
						7.0592	4.37235	21.56824	85.00000	0.0	0.0	0.0	0.0
						7.5634	3.86824	21.57882	85.00000	0.0	0.0	0.0	0.0
						8.0677	3.36412	21.58941	85.00000	0.0	0.0	0.0	0.0
						8.5719	2.86000	21.60000	85.00000	0.0	0.0	0.0	0.0
33	81 Swain's Ln		81.SL.8			0.0	2.86000	21.60000	85.00000	0.0	0.0	0.0	0.0
						0.49317	2.87300	22.09300	85.00000	0.0	0.0	0.0	0.0
						0.98634	2.88600	22.58600	85.00000	0.0	0.0	0.0	0.0
						1.4795	2.89900	23.07900	85.00000	0.0	0.0	0.0	0.0
						1.9727	2.91200	23.57200	85.00000	0.0	0.0	0.0	0.0
						2.4659	2.92500	24.06500	85.00000	0.0	0.0	0.0	0.0
						2.9590	2.93800	24.55800	85.00000	0.0	0.0	0.0	0.0
						3.4522	2.95100	25.05100	85.00000	0.0	0.0	0.0	0.0
						3.9454	2.96400	25.54400	85.00000	0.0	0.0	0.0	0.0
						4.4385	2.97700	26.03700	85.00000	0.0	0.0	0.0	0.0
						4.9317	2.99000	26.53000	85.00000	0.0	0.0	0.0	0.0
34	79 Swain's Ln		79.SL.1			0.0	0.00000	21.17000	85.00000	0.0	0.0	0.0	0.0
						0.49646	0.49622	21.15432	85.00000	0.0	0.0	0.0	0.0
						0.99293	0.99243	21.13865	85.00000	0.0	0.0	0.0	0.0
						1.4894	1.48865	21.12297	85.00000	0.0	0.0	0.0	0.0
						1.9859	1.98486	21.10730	85.00000	0.0	0.0	0.0	0.0
						2.4823	2.48108	21.09162	85.00000	0.0	0.0	0.0	0.0
						2.9788	2.97730	21.07595	85.00000	0.0	0.0	0.0	0.0
						3.4752	3.47351	21.06027	85.00000	0.0	0.0	0.0	0.0
						3.9717	3.96973	21.04459	85.00000	0.0	0.0	0.0	0.0
						4.4682	4.46595	21.02892	85.00000	0.0	0.0	0.0	0.0
						4.9646	4.96216	21.01324	85.00000	0.0	0.0	0.0	0.0
						5.4611	5.45838	20.99757	85.00000	0.0	0.0	0.0	0.0
						5.9576	5.95459	20.98189	85.00000	0.0	0.0	0.0	0.0
						6.4540	6.45081	20.96622	85.00000	0.0	0.0	0.0	0.0
						6.9505	6.94703	20.95054	85.00000	0.0	0.0	0.0	0.0
						7.4470	7.44324	20.93486	85.00000	0.0	0.0	0.0	0.0
						7.9434	7.93946	20.91919	85.00000	0.0	0.0	0.0	0.0
						8.4399	8.43568	20.90351	85.00000	0.0	0.0	0.0	0.0
						8.9363	8.93189	20.88784	85.00000	0.0	0.0	0.0	0.0
						9.4328	9.42811	20.87216	85.00000	0.0	0.0	0.0	0.0
						9.9293	9.92432	20.85649	85.00000	0.0	0.0	0.0	0.0
						10.426	10.42054	20.840					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy	δR//	δRperp.
					[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
					2.9611	14.85435	11.78000	85.00000	0.0	0.0	0.0	0.0
					3.4546	14.36174	11.81000	85.00000	0.0	0.0	0.0	0.0
					3.9482	13.86913	11.84000	85.00000	0.0	0.0	0.0	0.0
					4.4417	13.37652	11.87000	85.00000	0.0	0.0	0.0	0.0
					4.9352	12.88391	11.90000	85.00000	0.0	0.0	0.0	0.0
					5.4287	12.39130	11.93000	85.00000	0.0	0.0	0.0	0.0
					5.9223	11.89870	11.96000	85.00000	0.0	0.0	0.0	0.0
					6.4158	11.40609	11.99000	85.00000	0.0	0.0	0.0	0.0
					6.9093	10.91348	12.02000	85.00000	0.0	0.0	0.0	0.0
					7.4028	10.42087	12.05000	85.00000	0.0	0.0	0.0	0.0
					7.8963	9.92826	12.08000	85.00000	0.0	0.0	0.0	0.0
					8.3899	9.43565	12.11000	85.00000	0.0	0.0	0.0	0.0
					8.8834	8.94304	12.14000	85.00000	0.0	0.0	0.0	0.0
					9.3769	8.45043	12.17000	85.00000	0.0	0.0	0.0	0.0
					9.8704	7.95783	12.20000	85.00000	0.0	0.0	0.0	0.0
					10.364	7.46522	12.23000	85.00000	0.0	0.0	0.0	0.0
					10.857	6.97261	12.26000	85.00000	0.0	0.0	0.0	0.0
					11.351	6.48000	12.29000	85.00000	0.0	0.0	0.0	0.0
37	79 Swain's Ln			79.SL.4	0.0	6.48000	12.29000	85.00000	0.0	0.0	0.0	0.0
					0.48889	6.48111	12.77889	85.00000	0.0	0.0	0.0	0.0
					0.97778	6.48222	13.26778	85.00000	0.0	0.0	0.0	0.0
					1.4667	6.48333	13.75667	85.00000	0.0	0.0	0.0	0.0
					1.9556	6.48444	14.24556	85.00000	0.0	0.0	0.0	0.0
					2.4445	6.48556	14.73444	85.00000	0.0	0.0	0.0	0.0
					2.9333	6.48667	15.22333	85.00000	0.0	0.0	0.0	0.0
					3.4222	6.48778	15.71222	85.00000	0.0	0.0	0.0	0.0
					3.9111	6.48889	16.20111	85.00000	0.0	0.0	0.0	0.0
					4.4000	6.49000	16.69000	85.00000	0.0	0.0	0.0	0.0
38	79 Swain's Ln			79.SL.5	0.0	6.49000	16.69000	85.00000	0.0	0.0	0.0	0.0
					0.49957	5.99077	16.70846	85.00000	0.0	0.0	0.0	0.0
					0.99914	5.49154	16.72692	85.00000	0.0	0.0	0.0	0.0
					1.4987	4.99231	16.74538	85.00000	0.0	0.0	0.0	0.0
					1.9983	4.49308	16.76385	85.00000	0.0	0.0	0.0	0.0
					2.4979	3.99385	16.78231	85.00000	0.0	0.0	0.0	0.0
					2.9974	3.49462	16.80077	85.00000	0.0	0.0	0.0	0.0
					3.4970	2.99538	16.81923	85.00000	0.0	0.0	0.0	0.0
					3.9966	2.49615	16.83769	85.00000	0.0	0.0	0.0	0.0
					4.4961	1.99692	16.85615	85.00000	0.0	0.0	0.0	0.0
					4.9957	1.49769	16.87462	85.00000	0.0	0.0	0.0	0.0
					5.4953	0.99846	16.89308	85.00000	0.0	0.0	0.0	0.0
					5.9949	0.49923	16.91154	85.00000	0.0	0.0	0.0	0.0
					6.4944	0.00000	16.93000	85.00000	0.0	0.0	0.0	0.0
39	184 to 210 Oakeshott Ave			184to210.OA.1	0.0	9.09000	0.00000	85.00000	0.0	0.0	0.0	0.0
					0.58380	8.92500	0.56000	85.00000	0.0	0.0	0.0	0.0
					1.1676	8.76000	1.12000	85.00000	0.0	0.0	0.0	0.0
40	184 to 210 Oakeshott Ave			184to210.OA.2	0.0	8.76000	1.12000	85.00000	0.0	0.0	0.0	0.0
					0.49749	9.23722	1.26056	85.00000	0.0	0.0	0.0	0.0
					0.99498	9.71444	1.40111	85.00000	0.0	0.0	0.0	0.0
					1.4925	10.19167	1.54167	85.00000	0.0	0.0	0.0	0.0
					1.9900	10.66889	1.68222	85.00000	0.0	0.0	0.0	0.0
					2.4875	11.14611	1.82278	85.00000	0.0	0.0	0.0	0.0
					2.9849	11.62333	1.96333	85.00000	0.0	0.0	0.0	0.0
					3.4824	12.10056	2.10389	85.00000	0.0	0.0	0.0	0.0
					3.9799	12.57778	2.24444	85.00000	0.0	0.0	0.0	0.0
					4.4774	13.05500	2.38500	85.00000	0.0	0.0	0.0	0.0
					4.9749	13.53222	2.52556	85.00000	0.0	0.0	0.0	0.0
					5.4724	14.00944	2.66611	85.00000	0.0	0.0	0.0	0.0
					5.9699	14.48667	2.80667	85.00000	0.0	0.0	0.0	0.0
					6.4674	14.96389	2.94722	85.00000	0.0	0.0	0.0	0.0
					6.9649	15.44111	3.08778	85.00000	0.0	0.0	0.0	0.0
					7.4624	15.91833	3.22833	85.00000	0.0	0.0	0.0	0.0
					7.9598	16.39556	3.36889	85.00000	0.0	0.0	0.0	0.0
					8.4573	16.87278	3.50944	85.00000	0.0	0.0	0.0	0.0
					8.9548	17.35000	3.65000	85.00000	0.0	0.0	0.0	0.0
41	184 to 210 Oakeshott Ave			184to210.OA.3	0.0	17.35000	3.65000	85.00000	0.0	0.0	0.0	0.0
					0.47761	17.49125	3.19375	85.00000	0.0	0.0	0.0	0.0
					0.95523	17.63250	2.73750	85.00000	0.0	0.0	0.0	0.0
					1.4328	17.77375	2.28125	85.00000	0.0	0.0	0.0	0.0
					1.9105	17.91500	1.82500	85.00000	0.0	0.0	0.0	0.0
					2.3881	18.05625	1.36875	85.00000	0.0	0.0	0.0	0.0
					2.8657	18.19750	0.91250	85.00000	0.0	0.0	0.0	0.0
					3.3433	18.33875	0.45625	85.00000	0.0	0.0	0.0	0.0
					3.8209	18.48000	0.00000	85.00000	0.0	0.0	0.0	0.0
42	Existing Tunnel Wall Gardeners Compound	ETWGC.1			0.0	32.07000	36.91000	85.00000	11.444	1.1444	-11.501	-0.10361
					0.48730	31.58471	36.86588	85.00000	11.052	1.1052	-11.107	-0.10006
					0.97459	31.09941	36.82176	85.00000	10.668	1.0668	-10.721	-0.096581
					1.4619	30.61412	36.77765	85.00000	10.290	1.0290	-10.341	-0.093164
					1.9492	30.12882	36.73353	85.00000	9.9198	0.99198	-9.9889	-0.089810
					2.4365	29.64353	36.68941	85.00000	9.5560	0.95560	-9.6033	-0.086516
					2.9238	29.15824	36.64529	85.00000	9.1987	0.91987	-9.2442	-0.083281
					3.4111	28.67294	36.60118	85.00000	8.8478	0.8478	-8.8915	-0.080104
					3.8984	28.18765	36.55706	85.00000	8.5029	0.85029	-8.5450	-0.076982
					4.3857	27.70235	36.51294	85.00000	8.1639	0.81639	-8.2043	-0.073913
					4.8730	27.21706	36.46882	85.00000	7.8307	0.78307	-7.8694	-0.070896
					5.3602	26.73176	36.42471	85.00000	7.5029	0.75029	-7.5400	-0.067928
					5.8475	26.24647	36.38059	85.00000	7.1804	0.71804	-7.2160	-0.065009
					6.3348	25.76118	36.33647	85.00000	6.8630	0.68630	-6.8970	-0.062113
					6.8221	25.27588	36.29235	85.00000	6.5506	0.65506	-6.5830	-0.059306
					7.3094	24.79059	36.24824	85.00000	6.2427	0.62427	-6.2736	-0.056519
					7.7967	24.30529	36					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	dx	dy	dx//	dyperp.
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
						2.6933	12.73000	44.53667	85.00000	0.0	0.0	0.0
						3.2319	13.24000	44.71000	85.00000	0.0	0.0	0.0
	47		Existing Tunnel Wall	Highgate Chapel	ETWHGC.3	0.0	13.24000	44.71000	85.00000	0.0	0.0	0.0
						0.46578	13.14833	45.16667	85.00000	0.0	0.0	0.0
						0.93155	13.05667	45.62333	85.00000	0.0	0.0	0.0
						1.3973	12.96500	46.08000	85.00000	0.0	0.0	0.0
						1.8631	12.87333	46.53667	85.00000	0.0	0.0	0.0
						2.3289	12.78167	46.99333	85.00000	0.0	0.0	0.0
						2.7947	12.69000	47.45000	85.00000	0.0	0.0	0.0
	48		Swain's Ln West Wall		SL.WW.1	0.0	14.54000	50.95000	85.00000	0.0	0.0	0.0
						0.50810	14.83455	50.54091	85.00000	0.0	0.0	0.0
						1.0082	15.12909	50.13182	85.00000	0.0	0.0	0.0
						1.5123	15.42364	49.72273	85.00000	0.0	0.0	0.0
						2.0164	15.71818	49.31364	85.00000	0.0	0.0	0.0
						2.5205	16.01273	48.90455	85.00000	0.0020340	-0.0011215	0.0020986
						3.0246	16.30727	48.49545	85.00000	0.14329	-0.079007	0.14784
						3.5287	16.60182	48.08636	85.00000	0.28481	-0.15704	0.29386
						4.0328	16.89636	47.67727	85.00000	0.48651	-0.26825	0.50196
						4.5369	17.19091	47.26818	85.00000	0.68344	-0.37683	0.70514
						5.0410	17.48545	46.85909	85.00000	0.87574	-0.48286	0.90355
						5.5451	17.78000	46.45000	85.00000	1.0732	-0.58092	1.0985
	49		Swain's Ln West Wall		SL.WW.2	0.0	17.78000	46.45000	85.00000	1.0732	-0.58092	1.2007
						0.49559	18.16667	46.14000	85.00000	1.2901	-0.68979	1.4380
						0.99118	18.55333	45.83000	85.00000	1.5077	-0.79557	1.6740
						1.4868	18.94000	45.52000	85.00000	1.7263	-0.89797	1.9085
						1.9824	19.32667	45.21000	85.00000	1.9459	-0.99667	2.1417
						2.4780	19.71333	44.90000	85.00000	2.1669	-1.0913	2.3732
						2.9736	20.10000	44.59000	85.00000	2.3893	-1.1813	2.6031
						3.4691	20.48667	44.28000	85.00000	2.6133	-1.2663	2.8310
						3.9647	20.87333	43.97000	85.00000	2.8390	-1.3455	3.0567
						4.4603	21.26000	43.66000	85.00000	3.0667	-1.4181	3.2799
	50		Swain's Ln West Wall		SL.WW.3	0.0	21.26000	43.66000	85.00000	3.0667	-1.4181	2.9242
						0.49973	21.54750	43.25125	85.00000	3.2738	-1.4297	3.0528
						0.99947	21.83500	42.84250	85.00000	3.4807	-1.4238	3.1671
						1.4992	22.12250	42.43375	85.00000	3.6874	-1.3986	3.2654
						1.9989	22.41000	42.02500	85.00000	3.8935	-1.3518	3.3456
						2.4987	22.69750	41.61625	85.00000	4.0986	-1.2810	3.4058
						2.9984	22.98500	41.20750	85.00000	4.3025	-1.1837	3.4434
						3.4981	23.27250	40.79875	85.00000	4.5045	-1.0569	3.4559
						3.9979	23.56000	40.39000	85.00000	4.7235	-0.90169	3.4550
	51		Swain's Ln West Wall		SL.WW.4	0.0	23.56000	40.39000	85.00000	4.7235	-0.90169	2.0003
						0.52804	23.68571	39.87714	85.00000	4.9386	-0.63354	1.7911
						1.0561	23.81143	39.36429	85.00000	5.1482	-0.33763	1.5536
						1.5841	23.93714	38.85143	85.00000	5.3496	-0.017289	1.2904
						2.1122	24.06286	38.33857	85.00000	5.5401	0.32299	1.0053
						2.6402	24.18857	37.82571	85.00000	5.7035	0.57035	0.80392
						3.1682	24.31429	37.31286	85.00000	5.8329	0.58329	0.82216
	52		Swain's Ln West Wall		SL.WW.5	0.0	24.31429	37.31286	85.00000	5.8329	0.58329	0.84058
						0.49934	24.44333	36.80067	85.00000	5.9636	0.59636	0.85649
						0.99869	24.44667	36.30033	85.00000	6.0692	0.60692	0.87249
						1.4980	24.45000	35.80000	85.00000	6.1210	0.61210	0.88800
						1.9974	24.45333	35.30067	85.00000	6.1722	0.61722	0.90351
						2.4967	24.45667	34.80033	85.00000	6.2234	0.62234	0.91902
						2.9961	24.46000	34.30000	85.00000	6.2746	0.62746	0.93453
						3.4954	24.46333	33.80067	85.00000	6.3258	0.63258	0.95004
						3.9948	24.46667	33.30033	85.00000	6.3770	0.63770	0.96555
						4.4941	24.47000	32.80000	85.00000	6.4282	0.64282	0.98106
						4.9934	24.47333	32.30067	85.00000	6.4794	0.64794	0.99657
						5.4928	24.47667	31.80033	85.00000	6.5306	0.65306	1.01208
						5.9921	24.48000	31.30000	85.00000	6.5818	0.65818	1.02759
						6.4915	24.48333	30.80067	85.00000	6.6330	0.66330	1.04310
						6.9908	24.48667	30.30033	85.00000	6.6842	0.66842	1.05861
						7.4902	24.49000	29.80000	85.00000	6.7354	0.67354	1.07412
						7.9895	24.49333	29.30067	85.00000	6.7866	0.67866	1.08963
						8.4889	24.49667	28.80033	85.00000	6.8378	0.68378	1.10514
						8.9882	24.50000	28.30000	85.00000	6.8890	0.68890	1.12065
						9.4875	24.50333	27.80067	85.00000	6.9402	0.69402	1.13616
						9.9869	24.50667	27.30033	85.00000	6.9914	0.69914	1.15167
						10.4862	24.51000	26.80000	85.00000	7.0426	0.70426	1.16718
						10.9856	24.51333	26.30067	85.00000	7.0938	0.70938	1.18269
						11.4850	24.51667	25.80033	85.00000	7.1450	0.71450	1.19820
						11.9844	24.52000	25.30000	85.00000	7.1962	0.71962	1.21371
						12.4838	24.52333	24.80067	85.00000	7.2474	0.72474	1.22922
						12.9832	24.52667	24.30033	85.00000	7.2986	0.72986	1.24473
						13.4826	24.53000	23.80000	85.00000	7.3498	0.73498	1.26024
						13.9820	24.53333	23.30067	85.00000	7.4010	0.74010	1.27575
						14.4814	24.53667	22.80033	85.00000	7.4522	0.74522	1.29126
						14.9808	24.54000	22.30000	85.00000	7.5034	0.75034	1.30677
	53		Swain's Ln West Wall		SL.WW.6	0.0	24.54000	22.30000	85.00000	7.5546	0.75546	1.32228
						0.49253	24.54333	21.80067	85.00000	7.6058	0.76058	1.33779
						0.98506	24.54667	21.30033	85.00000	7.6570	0.76570	1.35330
						1.4776	24.55000	20.80000	85.00000	7.7082	0.77082	1.36881
						1.9701	24.55333	20.30067	85.00000	7.7594	0.77594	1.38432
						2.4626	24.55667	19.80033	85.00000	7.8106	0.78106	1.39983
						2.9552	24.56000	19.30000	85.00000	7.8618	0.78618	1.41534
						3.4477	24.56333	18.80067	85.00000	7.9130	0.79130	1.43085
						3.9402	24.56667	18.30033	85.00000	7.9642	0.79642	1.44636
						4.4328	24.57000	17.80000	85.00000	8.0154	0.80154	1.46187
						4.9253	24.57333	17.30067	85.00000	8.0666	0.80666	1.47738
						5.4178	24.57667	16.80033	85.00000	8.1178	0.81178	1.49289
						5.9104	24.58000	16.30000	85.00000	8.1690	0.81690	1.50840
						6.4029	24.58333	15.80067	85.00000	8.2202	0.82202	1.52391
						6.8954	24.58667	15.30033	85.00000	8.2714	0.82714	1.53942
						7.3879	24.59000	14.80000	85.00000	8.3226	0.83226	1.55493
						7.8805	24.59333	14.30067	85.00000	8.3738	0.83738	1.57044
						8.3730	24.59667	13.80033	85.00000	8.4250	0.84250	1.58595
						8.8655	24.60000	13.30000	85.00000	8.4762	0.84762	1.60146
						9.3581	24.60333	12.80067	85.00000	8.5274	0.85274	1.61697
						9.8506	24.60667	12.30033	85.00000	8.5786	0.85786	1.63248
						10.343	24.61000	11.80000	85.00000	8.6298	0.86298	1.64799
						10.836	24.61333	11.30067	85.00000	8.6810	0.86810	1.66350
						11.328	24.61667	10.80033	85.00000	8.7322	0.87322	1.67901
						11.821	24.62000	10.30000	85.00000	8.7834	0.87834	1.69452
						12.314	24.62333	9.80067	85.00000	8.8346	0.88346	1.71003
	54		Swain's Ln West Wall		SL.WW.7	0.0	24.62333	9.80067	85.00000	8.8858	0.88858	1.72554
						0.49467	23.91568	10.01838	85.00000	8.9370	0.89370	1.74105



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	dx	dy	dz	dxperp.
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
						12.961	11.55757	10.47784	85.00000	0.0	0.0	0.0
						13.356	11.06324	10.49622	85.00000	0.0	0.0	0.0
						13.851	10.56892	10.51459	85.00000	0.0	0.0	0.0
						14.345	10.07459	10.53297	85.00000	0.0	0.0	0.0
						14.840	9.58027	10.55135	85.00000	0.0	0.0	0.0
						15.335	9.08595	10.56973	85.00000	0.0	0.0	0.0
						15.829	8.59162	10.58811	85.00000	0.0	0.0	0.0
						16.324	8.09730	10.60649	85.00000	0.0	0.0	0.0
						16.819	7.60297	10.62486	85.00000	0.0	0.0	0.0
						17.313	7.10865	10.64324	85.00000	0.0	0.0	0.0
						17.808	6.61432	10.66162	85.00000	0.0	0.0	0.0
						18.303	6.12000	10.68000	85.00000	0.0	0.0	0.0
55	Swain's Ln West Wall		SL.WW.8			0.0	6.12000	10.68000	85.00000	0.0	0.0	0.0
						0.48434	5.64923	10.56615	85.00000	0.0	0.0	0.0
						0.96868	5.17846	10.45231	85.00000	0.0	0.0	0.0
						1.4530	4.70769	10.33846	85.00000	0.0	0.0	0.0
						1.9374	4.23692	10.22462	85.00000	0.0	0.0	0.0
						2.4217	3.76615	10.11077	85.00000	0.0	0.0	0.0
						2.9060	3.29538	9.99692	85.00000	0.0	0.0	0.0
						3.3904	2.82462	9.88308	85.00000	0.0	0.0	0.0
						3.8747	2.35385	9.76923	85.00000	0.0	0.0	0.0
						4.3591	1.88308	9.65538	85.00000	0.0	0.0	0.0
						4.8434	1.41231	9.54154	85.00000	0.0	0.0	0.0
						5.3277	0.94154	9.42769	85.00000	0.0	0.0	0.0
						5.8121	0.47077	9.31385	85.00000	0.0	0.0	0.0
56	Swain's Ln East Wall		SL.EW.1			6.2964	0.00007	9.20000	85.00000	0.0	0.0	0.0
						0.0	32.74000	72.10000	85.00000	0.0	0.0	0.0
						0.51826	32.67500	71.58583	85.00000	0.0	0.0	0.0
						1.0365	32.61000	71.07167	85.00000	0.0	0.0	0.0
						1.5548	32.54500	70.55750	85.00000	0.0	0.0	0.0
						2.0730	32.48000	70.04333	85.00000	0.0	0.0	0.0
						2.5913	32.41500	69.52917	85.00000	0.0	0.0	0.0
						3.1096	32.35000	69.01500	85.00000	0.0	0.0	0.0
						3.6278	32.28500	68.50083	85.00000	0.0	0.0	0.0
						4.1461	32.22000	67.98667	85.00000	0.0	0.0	0.0
						4.6643	32.15500	67.47250	85.00000	0.0	0.0	0.0
						5.1826	32.09000	66.95833	85.00000	0.0	0.0	0.0
						5.7008	32.02500	66.44417	85.00000	0.0	0.0	0.0
						6.2191	31.96000	65.93000	85.00000	0.0	0.0	0.0
57	Swain's Ln East Wall		SL.EW.2			0.0	31.62000	63.20000	85.00000	0.0	0.0	0.0
						0.49484	31.55810	62.70905	85.00000	0.0	0.0	0.0
						0.98968	31.49619	62.21810	85.00000	0.0	0.0	0.0
						1.4845	31.43429	61.72714	85.00000	0.0	0.0	0.0
						1.9794	31.37238	61.23619	85.00000	0.0	0.0	0.0
						2.4742	31.31048	60.74524	85.00000	0.0	0.0	0.0
						2.9690	31.24857	60.25429	85.00000	0.044277	-0.048290	0.010434
						3.4639	31.18667	59.76333	85.00000	0.016735	-0.17162	0.16818
						3.9587	31.12476	59.27238	85.00000	0.035519	-0.33544	0.32836
						4.4536	31.06286	58.78143	85.00000	0.060898	-0.53256	0.52076
						4.9484	31.00095	58.29048	85.00000	0.089022	-0.72727	0.71042
						5.4432	30.93905	57.79952	85.00000	0.12015	-0.91952	0.89726
						5.9381	30.87714	57.30857	85.00000	0.15457	-1.1092	1.0812
						6.4329	30.81524	56.81762	85.00000	0.19260	-1.2962	1.2619
						6.9278	30.75333	56.32667	85.00000	0.23461	-1.4804	1.4394
						7.4226	30.69143	55.83571	85.00000	0.28102	-1.6615	1.6133
						7.9174	30.62952	55.34476	85.00000	0.33227	-1.8393	1.7833
						8.4123	30.56762	54.85381	85.00000	0.38889	-2.0135	1.9490
						8.9071	30.50571	54.36286	85.00000	0.45147	-2.1836	2.1099
						9.4020	30.44381	53.87190	85.00000	0.52068	-2.3491	2.2655
						9.8968	30.38190	53.38095	85.00000	0.59728	-2.5096	2.4151
58	Swain's Ln East Wall		SL.EW.3			10.392	30.32005	52.89000	85.00000	0.68213	-2.6642	2.5580
						0.0	30.32000	52.89000	85.00000	0.68213	-2.6642	2.5580
						0.48905	30.35706	52.40235	85.00000	0.75668	-2.8411	2.8902
						0.97811	30.39412	51.91471	85.00000	0.83738	-3.0154	3.0701
						1.4672	30.43118	51.42706	85.00000	0.92510	-3.1865	3.2475
						1.9562	30.46824	50.93941	85.00000	1.0209	-3.3539	3.4216
						2.4453	30.50529	50.45176	85.00000	1.1259	-3.5166	3.5918
						2.9343	30.54235	49.96412	85.00000	1.2416	-3.6735	3.7570
						3.4234	30.57941	49.47647	85.00000	1.3698	-3.8233	3.9161
						3.9124	30.61647	48.98882	85.00000	1.5127	-3.9642	4.0674
						4.4015	30.65353	48.50118	85.00000	1.6728	-4.0941	4.2090
						4.8905	30.69059	48.01353	85.00000	1.8535	-4.2102	4.3385
						5.3796	30.72765	47.52588	85.00000	2.0588	-4.3090	4.4526
						5.8686	30.76471	47.03824	85.00000	2.2940	-4.3861	4.5473
						6.3577	30.80176	46.55059	85.00000	2.5676	-4.4392	4.6210
						6.8467	30.83882	46.06289	85.00000	2.9230	-4.5214	4.7299
						7.3358	30.87588	45.57529	85.00000	3.3440	-4.5757	4.8159
						7.8249	30.91294	45.08765	85.00000	3.8468	-4.5934	4.8717
						8.3139	30.95000	44.60000	85.00000	4.4525	-4.5636	4.8878
59	Swain's Ln East Wall		SL.EW.4			0.0	31.22000	39.59000	85.00000	9.1213	-5.0292	5.9779
						0.49192	31.27273	39.10091	85.00000	9.2091	-5.2509	6.1704
						0.98385	31.32545	38.61182	85.00000	10.513	-5.0513	0.081600
						1.4758	31.37818	38.12273	85.00000	10.648	-5.0648	0.082646
						1.9677	31.43091	37.63364	85.00000	10.783	-5.0783	0.083692
						2.4596	31.48364	37.14455	85.00000	10.918	-5.0918	0.084739
						2.9515	31.53636	36.65545	85.00000	11.052	-5.1052	0.085786
						3.4435	31.58909	36.16636	85.00000	11.187	-5.1187	0.086833
						3.9354	31.64182	35.67727	85.00000	11.322	-5.1322	0.087881
						4.4273	31.69455	35.18818	85.00000	11.240	-5.1240	0.087239
						4.9192	31.74727	34.69909	85.00000	11.038	-5.1038	0.085670
						5.4112	31.80000	34.21000	85.00000	10.835	-5.0835	0.084100
						5.9031	31.85273	33.72091	85.00000	10.633	-5.0633	0.082530
						6.3950	31.90545	33.23182	85.00000	10.430	-5.0430	0.080958
						6.8869	31.95818	32.74273	85.00000	10.228	-5.0228	0.079386
						7.3789	32.01091	32.25364	85.00000	9.5170	-4.6277	-0.59820
						7.8708	32.06364	31.76455	85.00000	5.9811	-6.5689	-5.8900
						8.3627	32.11636	31.27545	85.00000	4.9779	-8.4407	-7.8585
						8.8546	32.16909	30.78636	85.00000	5.0007	-8.4795	-7.8947
						9.3466	32.22182	30.29727	85.00000	5.0182	-8.5092	-7.9223
						9.8385	32.27455	29.80818	85.00000	5.0303	-8.5296	-7.9413
						10.330	32.32727	29.31909	85.00000	4.9155	-8.3349	-7.7600
60	Swain's Ln East Wall		SL.EW.5			0.0	32.38000	28.83000	85.00000	4.6852	-7.9444	-7.3965
						0.50087	32.69712	25.43135	85.00000	2.0224	-6.1490	-5.9315
						1.0017	32.74423	24.93269	85.00000	1.7367	-5.9147	-5.7251
						1.5026	32.79135	24.43408	85.00000	1.5076	-5.7214	-5.5542
						2.0035	32.83846	23.93538	85.00000	1.3115	-5.5165	-5.3686
						2.5044	32.88558	23.43673	85.00000	1.1424	-5.3014	-5.1705
						3.0052	32.93269	22.93808	85.00000	0.99586	-5.0785	-4.9624
						3.5061	32.97981	22.43942	85.00000	0.86827	-4.8496	-4.7464
						4.0070	33.02692	21.94077	85.00000	0.75675	-4.6159	-4.5

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1					Job No.		Sheet No.		Rev.			
					3500							
					Drg. Ref.							
					Made by PES		Date 01-Nov-2024		Checked		Date	
Stage: Stage: Name Specific Building: Name Sub-building Dist. x y z δx δy δR// δHperp.												
Ref. Ref. Name Name												
[m] [m] [m] [m] [mm] [mm] [mm] [mm]												
14.024 33.96923 11.96769 85.00000 0.0 0.0 0.0 0.0												
14.525 34.01635 11.46904 85.00000 0.0 0.0 0.0 0.0												
15.026 34.06346 10.97038 85.00000 0.0 0.0 0.0 0.0												
15.527 34.11058 10.47173 85.00000 0.0 0.0 0.0 0.0												
16.028 34.15769 9.97308 85.00000 0.0 0.0 0.0 0.0												
16.529 34.20481 9.47442 85.00000 0.0 0.0 0.0 0.0												
17.030 34.25192 8.97577 85.00000 0.0 0.0 0.0 0.0												
17.531 34.29904 8.47712 85.00000 0.0 0.0 0.0 0.0												
18.031 34.34615 7.97846 85.00000 0.0 0.0 0.0 0.0												
18.532 34.39327 7.47981 85.00000 0.0 0.0 0.0 0.0												
19.033 34.44038 6.98115 85.00000 0.0 0.0 0.0 0.0												
19.534 34.48750 6.48250 85.00000 0.0 0.0 0.0 0.0												
20.035 34.53462 5.98385 85.00000 0.0 0.0 0.0 0.0												
20.536 34.58173 5.48519 85.00000 0.0 0.0 0.0 0.0												
21.037 34.62885 4.98654 85.00000 0.0 0.0 0.0 0.0												
21.538 34.67596 4.48788 85.00000 0.0 0.0 0.0 0.0												
22.038 34.72308 3.98923 85.00000 0.0 0.0 0.0 0.0												
22.539 34.77019 3.49058 85.00000 0.0 0.0 0.0 0.0												
23.040 34.81731 2.99192 85.00000 0.0 0.0 0.0 0.0												
23.541 34.86442 2.49327 85.00000 0.0 0.0 0.0 0.0												
24.042 34.91154 1.99462 85.00000 0.0 0.0 0.0 0.0												
24.543 34.95865 1.49596 85.00000 0.0 0.0 0.0 0.0												
25.044 35.00577 0.99731 85.00000 0.0 0.0 0.0 0.0												
25.545 35.05288 0.49865 85.00000 0.0 0.0 0.0 0.0												
26.045 35.10000 0.00000 85.00000 0.0 0.0 0.0 0.0												
Specific Building Damage Results - Vertical Displacements												
Stage: Stage: Name Specific Building: Name Sub-building Vertical Dist. x y z δz												
Ref. Ref. Name Name Name Offset												
[m] [m] [m] [m] [m] [mm]												
0	Base Model	1	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	0.0	0.0	54.90000	46.85000	85.00000	2.4758		
						0.51052	55.39778	46.73667	85.00000	2.3578		
						1.0210	55.89556	46.62333	85.00000	2.2428		
						1.5315	56.39333	46.51000	85.00000	2.1311		
						2.0421	56.89111	46.39667	85.00000	2.0234		
						2.5526	57.38889	46.28333	85.00000	1.9206		
						3.0631	57.88667	46.17000	85.00000	1.8203		
						3.5736	58.38444	46.05667	85.00000	1.7223		
						4.0841	58.88222	45.94333	85.00000	1.6262		
						4.5946	59.38000	45.83000	85.00000	1.5314		
						0.0	59.38000	45.83000	85.00000	1.5314		
						0.49235	59.49800	46.30800	85.00000	1.4615		
						0.98470	59.61600	46.78600	85.00000	1.3901		
						1.4770	59.73400	47.26400	85.00000	1.3167		
						1.9694	59.85200	47.74200	85.00000	1.2407		
						2.4617	59.97000	48.22000	85.00000	1.1614		
						2.9541	60.08800	48.69800	85.00000	1.0778		
						3.4464	60.20600	49.17600	85.00000	0.99353		
						3.9388	60.32400	49.65400	85.00000	0.92262		
						4.4311	60.44200	50.13200	85.00000	0.85053		
						4.9235	60.56000	50.61000	85.00000	0.77733		
						0.0	60.56000	50.61000	85.00000	0.77733		
						0.50259	60.07222	50.73111	85.00000	0.84312		
						1.0052	59.58444	50.85222	85.00000	0.90742		
						1.5078	59.09667	50.97333	85.00000	0.97017		
						2.0104	58.60889	51.09444	85.00000	1.0378		
						2.5129	58.12111	51.21556	85.00000	1.1130		
						3.0155	57.63333	51.33667	85.00000	1.1835		
						3.5181	57.14556	51.45778	85.00000	1.2499		
						4.0207	56.65778	51.57889	85.00000	1.3129		
						4.5233	56.17000	51.70000	85.00000	1.3729		
						0.0	56.17000	51.70000	85.00000	1.3729		
						0.50135	56.04300	51.21500	85.00000	1.4724		
						1.0027	55.91600	50.73000	85.00000	1.5718		
						1.5041	55.78900	50.24500	85.00000	1.6726		
						2.0054	55.66200	49.76000	85.00000	1.7758		
						2.5068	55.53500	49.27500	85.00000	1.8823		
						3.0081	55.40800	48.79000	85.00000	1.9927		
						3.5095	55.28100	48.30500	85.00000	2.1072		
						4.0108	55.15400	47.82000	85.00000	2.2261		
						4.5122	55.02700	47.33500	85.00000	2.3491		
						5.0135	54.90000	46.85000	85.00000	2.4758		
						0.0	35.76000	61.70000	85.00000	0.78902		
						0.51305	36.26875	61.63375	85.00000	0.79988		
						1.0261	36.77750	61.56750	85.00000	0.81074		
						1.5391	37.28625	61.50125	85.00000	0.82160		
						2.0522	37.79500	61.43500	85.00000	0.83246		
						2.5652	38.30375	61.36875	85.00000	0.84333		
						3.0783	38.81250	61.30250	85.00000	0.85419		
						3.5913	39.32125	61.23625	85.00000	0.86505		
						4.1044	39.83000	61.17000	85.00000	0.87591		
						0.0	39.83000	61.17000	85.00000	0.87591		
						0.45872	39.77167	60.71500	85.00000	0.96716		
						0.91745	39.71333	60.26000	85.00000	1.0753		
						1.3762	39.65500	59.80500	85.00000	1.1919		
						1.8349	39.59667	59.35000	85.00000	1.3027		
						2.2936	39.53833	58.89500	85.00000	1.4105		
						2.7523	39.48000	58.44000	85.00000	1.5179		
						0.0	39.48000	58.44000	85.00000	1.5179		
						0.51289	38.97125	58.50500	85.00000	1.5071		
						1.0258	38.46250	58.57000	85.00000	1.4964		
						1.5387	37.95375	58.63500	85.00000	1.4855		
						2.0515	37.44500	58.70000	85.00000	1.4729		
						2.5644	36.93625	58.76500	85.00000	1.4574		
						3.0773	36.42750	58.83000	85.00000	1.4420		
						3.5902	35.91875	58.89500	85.00000	1.4268		
						4.1031	35.41000	58.96000	85.00000	1.4117		
						0.0	35.41000	58.96000	85.00000	1.4117		
						0.46038	35.46833	59.41667	85.00000	1.3052		
						0.92075	35.52667	59.87333	85.00000	1.1959		
						1.3811	35.58500	60.33000	85.00000	1.0811		
						1.8415	35.64333	60.78667	85.00000	0.97218		
						2.3019	35.70167	61.24333	85.00000	0.88060		
						2.7623	35.76000	61.70000	85.00000	0.78902		
						0.0	50.12000	72.10000	85.00000	0.0		
						0.47482	50.05250	71.63000	85.00000	0.0		
						0.94964	49.98500	71.16000	85.00000	0.0		
						1.4245	49.91750	70.69000	85.00000	0.0		
						1.8993	49.85000	70.22000	85.00000	0.0		
						2.3741	49.78250	69.75000	85.00000	0.0		
						2.8489	49.71500	69.28000	85.00000	0.0		
						3.3238	49.64750	68.81000	85.00000	0.0		
						3.7986	49.58000	68.34000	85.00000	0.0		
						0.0	49.58000	68.34000	85.00000	0.0		
						0.51916	49.06286	68.38571	85.00000	0.0		
						1.0383	48.54571	68.43143	85.00000	0.0		
						1.5575	48.02857	68.47714	85.00000	0.0		
						2.0766	47.51143	68.52286	85.00000	0.0		
						2.5958	46.99429	68.56857	85.00000	0.0		
						3.1150	46.47714	68.61429	85.00000	0.0		
						3.6341	45.96000	68.66000	85.00000	0.0		
						0.0	45.96000	68.66000	85.00000	0.0		
						0.49562	46.02429	69.15143	85.00000	0.0		
						0.99123	46.08857	69.64286	85.00000	0.0		
						1.4868	46.15286	70.13429	85.00000	0.0		
						1.9825	46.21714	70.62571	85.00000	0.0		



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

Oasys

Highgate Cemetery

B1

A-SQUARED STUDIO

ENGINEERS LTD

Job No.

3500

Sheet No.

Rev.

Drg. Ref.

Made by

PES

Date

01-Nov-2024

Checked

Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	[mm]
						2.4781	46.28143	71.11714	85.00000	0.0
						2.9737	46.34571	71.60857	85.00000	0.0
						3.4693	46.41000	72.10000	85.00000	0.0
	12	Mausolium 3		Mau.3.1	0.0	0.0	39.34000	72.10000	85.00000	0.0
						0.51823	39.24800	71.59000	85.00000	0.0
						1.0365	39.15600	71.08000	85.00000	0.0
						1.5547	39.06400	70.57000	85.00000	0.0
						2.0729	38.97200	70.06000	85.00000	0.0
						2.5912	38.88000	69.55000	85.00000	0.0
	13	Mausolium 3		Mau.3.2	0.0	0.0	38.88000	69.55000	85.00000	0.0
						0.47154	38.41600	69.63400	85.00000	0.0
						0.94308	37.95200	69.71800	85.00000	0.0
						1.4146	37.48800	69.80200	85.00000	0.0
						1.8862	37.02400	69.88600	85.00000	0.0
						2.3577	36.56000	69.97000	85.00000	0.0
	14	Mausolium 3		Mau.3.3	0.0	0.0	36.56000	69.97000	85.00000	0.0
						0.53848	36.64000	70.50250	85.00000	0.0
						1.0770	36.72000	71.03500	85.00000	0.0
						1.6154	36.80000	71.56750	85.00000	0.0
						2.1539	36.88000	72.10000	85.00000	0.0
	15	Highgate Chapel		HGC.1	0.0	0.0	15.73000	72.10000	85.00000	0.0
						0.49590	15.69700	71.60520	85.00000	0.0
						0.99180	15.66400	71.11040	85.00000	0.0
						1.4877	15.63100	70.61560	85.00000	0.0
						1.9836	15.59800	70.12080	85.00000	0.0
						2.4795	15.56500	69.62600	85.00000	0.0
						2.9754	15.53200	69.13120	85.00000	0.0
						3.4713	15.49900	68.63640	85.00000	0.0
						3.9672	15.46600	68.14160	85.00000	0.0
						4.4631	15.43300	67.64680	85.00000	0.0
						4.9590	15.40000	67.15200	85.00000	0.0
						5.4549	15.36700	66.65720	85.00000	0.0
						5.9508	15.33400	66.16240	85.00000	0.0
						6.4467	15.30100	65.66760	85.00000	0.0
						6.9426	15.26800	65.17280	85.00000	0.0
						7.4385	15.23500	64.67800	85.00000	0.0
						7.9344	15.20200	64.18320	85.00000	0.0
						8.4303	15.16900	63.68840	85.00000	0.0
						8.9262	15.13600	63.19360	85.00000	0.0
						9.4221	15.10300	62.69880	85.00000	0.0
						9.9180	15.07000	62.20400	85.00000	0.0
						10.414	15.03700	61.70920	85.00000	0.0
						10.910	15.00400	61.21440	85.00000	0.0
						11.406	14.97100	60.71960	85.00000	0.0
						11.902	14.93800	60.22480	85.00000	0.0
						12.397	14.90500	59.73000	85.00000	0.0
						12.893	14.87200	59.23520	85.00000	0.0
						13.389	14.83900	58.74040	85.00000	0.0
						13.885	14.80600	58.24560	85.00000	0.0
						14.381	14.77300	57.75080	85.00000	0.0
						14.877	14.74000	57.25600	85.00000	0.0
						15.373	14.70700	56.76120	85.00000	0.0
						15.869	14.67400	56.26640	85.00000	0.020697
						16.365	14.64100	55.77160	85.00000	0.075111
						16.861	14.60800	55.27680	85.00000	0.12805
						17.356	14.57500	54.78200	85.00000	0.17947
						17.852	14.54200	54.28720	85.00000	0.22932
						18.348	14.50900	53.79240	85.00000	0.27754
						18.844	14.47600	53.29760	85.00000	0.32408
						19.340	14.44300	52.80280	85.00000	0.36889
						19.836	14.41000	52.30800	85.00000	0.41192
						20.332	14.37700	51.81320	85.00000	0.45392
						20.828	14.34400	51.31840	85.00000	0.49592
						21.324	14.31100	50.82360	85.00000	0.53793
						21.820	14.27800	50.32880	85.00000	0.57993
						22.315	14.24500	49.83400	85.00000	0.62193
						22.811	14.21200	49.33920	85.00000	0.66393
						23.307	14.17900	48.84440	85.00000	0.70593
						23.803	14.14600	48.34960	85.00000	0.74767
						24.299	14.11300	47.85480	85.00000	0.78763
						24.795	14.08000	47.36000	85.00000	0.82551
	16	Highgate Chapel		HGC.2	0.0	0.0	14.08000	47.36000	85.00000	0.82551
						0.50652	13.57462	47.39385	85.00000	0.73126
						1.0130	13.06923	47.42769	85.00000	0.63669
						1.5196	12.56385	47.46154	85.00000	0.54180
						2.0261	12.05846	47.49538	85.00000	0.44662
						2.5326	11.55308	47.52923	85.00000	0.35118
						3.0391	11.04769	47.56308	85.00000	0.25548
						3.5456	10.54231	47.59692	85.00000	0.15954
						4.0521	10.03692	47.63077	85.00000	0.063377
						4.5587	9.53154	47.66462	85.00000	0.0
						5.0652	9.02615	47.69846	85.00000	0.0
						5.5717	8.52077	47.73231	85.00000	0.0
						6.0782	8.01538	47.76615	85.00000	0.0
						6.5847	7.51000	47.80000	85.00000	0.0
	17	Highgate Chapel		HGC.3	0.0	0.0	7.51000	47.80000	85.00000	0.0
						0.49831	7.55878	48.29592	85.00000	0.0
						0.99662	7.60755	48.79184	85.00000	0.0
						1.4949	7.65633	49.28776	85.00000	0.0
						1.9932	7.70510	49.78367	85.00000	0.0
						2.4916	7.75388	50.27959	85.00000	0.0
						2.9899	7.80265	50.77551	85.00000	0.0
						3.4882	7.85143	51.27143	85.00000	0.0
						3.9865	7.90020	51.76735	85.00000	0.0
						4.4848	7.94898	52.26327	85.00000	0.0
						4.9831	7.99776	52.75918	85.00000	0.0
						5.4814	8.04653	53.25510	85.00000	0.0
						5.9797	8.09531	53.75102	85.00000	0.0
						6.4780	8.14408	54.24694	85.00000	0.0
						6.9764	8.19286	54.74286	85.00000	0.0
						7.4747	8.24163	55.23878	85.00000	0.0
						7.9730	8.29041	55.73469	85.00000	0.0
						8.4713	8.33918	56.23061	85.00000	0.0
						8.9696	8.38796	56.72653	85.00000	0.0
						9.4679	8.43673	57.22245	85.00000	0.0
						9.9662	8.48551	57.71837	85.00000	0.0
						10.465	8.53429	58.21429	85.00000	0.0
						10.963	8.58306	58.71020	85.00000	0.0
						11.461	8.63184	59.20612	85.00000	0.0
						11.959	8.68061	59.70204	85.00000	0.0
						12.458				



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ENGINEERS LTD

Highgate Cemetery
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A-SQUARED STUDIO

ENGINEERS LTD

Job No.

3500

Drg. Ref.

Made by
PES

Sheet No.

Date
01-Nov-2024

Checked

Rev.

Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	[mm]
						22.424	9.70490	70.11633	85.00000	0.0
						22.922	9.75367	70.61224	85.00000	0.0
						23.421	9.80245	71.10816	85.00000	0.0
						23.919	9.85122	71.60408	85.00000	0.0
						24.417	9.90000	72.10000	85.00000	0.0
18	Highgate Chapel		HGC.4		0.0	0.0	7.12000	43.02000	85.00000	0.0
						0.48972	7.56000	43.23500	85.00000	0.0
						0.97944	8.00000	43.45000	85.00000	0.0
						1.4692	8.44000	43.66500	85.00000	0.0
						1.9589	8.88000	43.88000	85.00000	0.064405
						2.4486	9.32000	44.09500	85.00000	0.14065
						2.9383	9.76000	44.31000	85.00000	0.21608
19	Highgate Chapel		HGC.5		0.0	0.0	9.76000	44.31000	85.00000	0.21608
						0.51133	9.98556	43.85111	85.00000	0.28136
						1.0227	10.21111	43.39222	85.00000	0.34525
						1.5340	10.43667	42.93333	85.00000	0.40769
						2.0453	10.66222	42.47444	85.00000	0.46861
						2.5566	10.88778	42.01556	85.00000	0.52795
						3.0680	11.11333	41.55667	85.00000	0.58565
						3.5793	11.33889	41.09778	85.00000	0.64163
						4.0906	11.56444	40.63889	85.00000	0.69583
						4.6019	11.79000	40.18000	85.00000	0.74817
20	Highgate Chapel		HGC.6		0.0	0.0	11.79000	40.18000	85.00000	0.74817
						0.51804	11.32500	39.95167	85.00000	0.65825
						1.0361	10.86000	39.72333	85.00000	0.56770
						1.5541	10.39500	39.49500	85.00000	0.47657
						2.0721	9.93000	39.26667	85.00000	0.38488
						2.5902	9.46500	39.03833	85.00000	0.29268
21	Highgate Chapel		HGC.7		0.0	3.1082	9.00000	38.81000	85.00000	0.19999
						0.0	9.00000	38.81000	85.00000	0.19999
						0.51230	8.79111	39.27778	85.00000	0.15711
						1.0246	8.58222	39.74556	85.00000	0.11238
						1.5369	8.37333	40.21333	85.00000	0.065858
						2.0492	8.16444	40.68111	85.00000	0.017590
						2.5615	7.95556	41.14889	85.00000	0.0
						3.0738	7.74667	41.61667	85.00000	0.0
						3.5861	7.53778	42.08444	85.00000	0.0
						4.0984	7.32889	42.55222	85.00000	0.0
22	Highgate Chapel		HGC.8		0.0	4.6107	7.12000	43.02000	85.00000	0.0
						0.0	15.93000	41.05000	85.00000	1.6603
						0.49428	16.27700	41.40200	85.00000	1.7302
						0.98856	16.62400	41.75400	85.00000	1.7993
						1.4828	16.97100	42.10600	85.00000	1.8689
						1.9771	17.31800	42.45800	85.00000	1.9387
						2.4714	17.66500	42.81000	85.00000	2.0079
						2.9657	18.01200	43.16200	85.00000	2.0761
						3.4600	18.35900	43.51400	85.00000	2.1429
						3.9542	18.70600	43.86600	85.00000	2.2079
						4.4485	19.05300	44.21800	85.00000	2.2707
23	Highgate Chapel		HGC.9		0.0	4.9428	19.40000	44.57000	85.00000	2.3307
						0.0	19.40000	44.57000	85.00000	2.3307
						0.51338	19.76600	44.21000	85.00000	2.4954
						1.0268	20.13200	43.85000	85.00000	2.6706
						1.5401	20.49800	43.49000	85.00000	2.8559
						2.0535	20.86400	43.13000	85.00000	3.0508
						2.5669	21.23000	42.77000	85.00000	3.2544
						3.0803	21.59600	42.41000	85.00000	3.4654
						3.5936	21.96200	42.05000	85.00000	3.6822
						4.1070	22.32800	41.69000	85.00000	3.9030
						4.6204	22.69400	41.33000	85.00000	4.1256
24	Highgate Chapel		HGC.10		0.0	5.1338	23.06000	40.97000	85.00000	4.3476
						0.0	23.06000	40.97000	85.00000	4.3476
						0.49428	22.71300	40.61800	85.00000	4.1993
						0.98856	22.36600	40.26600	85.00000	4.0694
						1.4828	22.01900	39.91400	85.00000	3.9308
						1.9771	21.67200	39.56200	85.00000	3.7850
						2.4714	21.32500	39.21000	85.00000	3.6338
						2.9657	20.97800	38.85800	85.00000	3.4788
						3.4600	20.63100	38.50600	85.00000	3.3218
						3.9542	20.28400	38.15400	85.00000	3.1642
						4.4485	19.93700	37.80200	85.00000	3.0076
25	Highgate Chapel		HGC.11		0.0	4.9428	19.59000	37.45000	85.00000	2.8544
						0.0	19.59000	37.45000	85.00000	2.8544
						0.51338	19.22400	37.81000	85.00000	2.7169
						1.0268	18.85800	38.17000	85.00000	2.5832
						1.5401	18.49200	38.53000	85.00000	2.4530
						2.0535	18.12600	38.89000	85.00000	2.3267
						2.5669	17.76000	39.25000	85.00000	2.2049
						3.0803	17.39400	39.61000	85.00000	2.0876
						3.5936	17.02800	39.97000	85.00000	1.9748
						4.1070	16.66200	40.33000	85.00000	1.8663
						4.6204	16.29600	40.69000	85.00000	1.7617
26	81 Swain's Ln		81.SL.1		0.0	5.1338	15.93000	41.05000	85.00000	1.6603
						0.0	12.32000	22.91000	85.00000	0.31717
						0.49414	12.33810	23.40381	85.00000	0.36126
						0.98828	12.35619	23.89762	85.00000	0.40357
						1.4824	12.37429	24.39143	85.00000	0.44405
						1.9766	12.39238	24.88524	85.00000	0.48265
						2.4707	12.41048	25.37905	85.00000	0.51931
						2.9648	12.42857	25.87286	85.00000	0.55399
						3.4590	12.44667	26.36667	85.00000	0.58664
						3.9531	12.46476	26.86048	85.00000	0.61720
						4.4473	12.48286	27.35429	85.00000	0.64564
						4.9414	12.50095	27.84810	85.00000	0.67191
						5.4356	12.51905	28.34190	85.00000	0.69596
						5.9297	12.53714	28.83571	85.00000	0.71777
						6.4238	12.55524	29.32952	85.00000	0.73728
						6.9180	12.57333	29.82333	85.00000	0.75448
						7.4121	12.59143	30.31714	85.00000	0.76932
						7.9063	12.60952	30.81095	85.00000	0.78276
						8.4004	12.62762	31.30476	85.00000	0.79619
						8.8945	12.64571	31.79857	85.00000	0.80962
						9.3887	12.66381	32.29238	85.00000	0.82304
						9.8828	12.68190	32.78619	85.00000	0.83647
27	81 Swain's Ln		81.SL.2		0.0	10.377	12.70000	33.28000	85.00000	0.84990
						0.0	12.70000	33.28000	85.00000	0.84990
						0.50866	13.20833	33.26167	85.00000	0.95070
						1.0173	13.71667	33.24333	85.00000	1.0668
						1.5260	14.22500	33.22500	85.00000	1.1969
						2.0347	14.73333	33.20667	85.00000	1.3194
						2.5433	15.24167	33.18833	85.00000	1.4393
						3.0520	15.75000	33.17000	85.00000	1.5572
						3.5606	16.25833	33.15167	85.00000	1.6791
						4.0693	16.76667	33.13333	85.00000	1.8068
						4.5780	17.27500	33.11500	85.00000	1.9425
						5.0866	17.78333	33.09667	85.00000	2.0882
						5.5953	18.29167	33.07833	85.00000	2.2452
28	81 Swain's Ln		81.SL.3		0.0	6.1040	18.80000	33.06000	85.00000	2.4147
						0.0	18.80000	33.06000	85.00000	2.4147
						0.50350	18.78714	32.55667	85.00000	2.3813
						1.0070	18.77429	32.05333	85.00000	2.3487
						1.5105	18.76143	31.55000	85.00000	2.3169
						2.0140	18.74857	31.04667	85.00000	2.2858
						2.5175	18.73571	30.54333	85.00000	2.2601
						3.0210	18.72286	30.04000	85.00000	2.2303
						3.5245	18.71000	29.53667	85.00000	2.1958
						4.0280	18.69714	29.03333	85.00000	2.1569
						4.5315	18.68429	28.53000	85.00000	2.1141
						5.0350	18.67143	28.02667	85.00000	2.0677
						5.5385	18.65857	27.52333	85.00000	2.0182



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Job No.

3500

Drg. Ref.

Sheet No.

Checked

Rev.

Date

Made by

PES

Date

01-Nov-2024

Stage: Name

Specific Building: Name

Sub-building Name

Vertical Offset

Dist.

x

y

z

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Ref.

Ref.

[m]

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29

81 Swain's Ln

81.SL.4

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22.91000

85.00000

0.31717

30

81 Swain's Ln

81.SL.5

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85.00000

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31

81 Swain's Ln

81.SL.6

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0.0

11.61000

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85.00000

0.41784

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11.59200

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85.00000

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0.96067

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25.26000

85.00000

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85.00000

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85.00000

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32

81 Swain's Ln

81.SL.7

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85.00000

0.0

1.0085

10.42176

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1.5127

9.91765

21.45176

85.00000

0.0

2.0169

9.41353

21.46235

85.00000

0.0

2.5211

8.90941

21.47294

85.00000

0.0

3.0254

8.40529

21.48353

85.00000

0.0

3.5296

7.90118

21.49412

85.00000

0.0

4.0338

7.39706

21.50471

85.00000

0.0

4.5381

6.89294

21.51529

85.00000

0.0

5.0423

6.38882

21.52588

85.00000

0.0

5.5465

5.88471

21.53647

85.00000

0.0

6.0507

5.38059

21.54706

85.00000

0.0

6.5550

4.87647

21.55765

85.00000

0.0

7.0592

4.37235

21.56824

85.00000

0.0

7.5634

3.86824

21.57882

85.00000

0.0

8.0677

3.36412

21.58941

85.00000

0.0

8.5719

2.86000

21.60000

85.00000

0.0

33

81 Swain's Ln

81.SL.8

0.0

0.0

2.86000

21.60000

85.00000

0.0

0.49317

2.87300

22.09300

85.00000

0.0

0.98634

2.88600

22.58600

85.00000

0.0

1.4795

2.89900

23.07900

85.00000

0.0

1.9727

2.91200

23.57200

85.00000

0.0

2.4659

2.92500

24.06500

85.00000

0.0

2.9590

2.93800

24.55800

85.00000

0.0

3.4522

2.95100

25.05100

85.00000

0.0

3.9454

2.96400

25.54400

85.00000

0.0

4.4385

2.97700

26.03700

85.00000

0.0

34

79 Swain's Ln

79.SL.1

0.0

0.0

2.99000

26.53000

85.00000

0.0

0.0

0.00000

21.17000

85.00000

0.0

0.49646

0.49622

21.15432

85.00000

0.0

0.99293

0.99243

21.13865

85.00000

0.0

1.4894

1.48865

21.12297

85.00000

0.0

1.9859

1.98486

21.10730

85.00000

0.0

2.4823

2.48108

21.09162

85.00000

0.0

2.9788

2.97730

21.07595

85.00000

0.0

3.4752

3.47351

21.06027

85.00000

0.0

3.9717

3.96973

21.04459

85.00000

0.0

4.4682

4.46595

21.02892

85.00000

0.0

4.9646

4.96216

21.01324

85.00000

0.0

5.4611

5.45838

20.99757

85.00000

0.0

5.9576

5.95459

20.98189

85.00000

0.0

6.4540

6.45081

20.96622

85.00000

0.0

6.9505

6.94703

20.95054

85.00000

0.0

7.4470

7.44324

20.93486

85.00000

0.0

7.9434

7.93946

20.91919

85.00000

0.0

8.4399

8.43568

20.90351

85.00000

0.0

8.9363

8.93189

20.88784

85.00000

0.0

9.4328

9.42811

20.87216

85.00000

0.0

9.9293

9.92432

20.85649

85.00000

0.0

10.426

10.42054

20.84081

85.00000

0.0

10.922

10.91676

20.82514

85.00000

0.0

11.419

11.41297

20.80946

85.00000

0.0

11.915

11.90919

20.79378

85.00000

0.051209

12.412

12.40541

20.77811

85.00000

0.13605

12.908

12.90162

20.76243

85.00000

0.22031

13.405

13.39784

20.74676

85.00000

0.30395

13.901

13.89405

20.73108

85.00000

0.38695

14.397

14.39027

20.71541

85.00000

0.46926

14.894

14.88649

20.69973

85.00000

0.55085

15.390

15.38270

20.68405

85.00000

0.63166

15.887

15.87892

20.66838

85.00000

0.71167

16.383

16.37514

20.65270

85.00000

0.79081

16.880

16.87135

20.63703

85.00000

0.86903

17.376

17.36757

20.62135

85.00000

0.94629

17.873

17.86378

20.60568

85.00000

1.02662

18.369

18.36000

20.59000

85.00000

1.1201

35

79 Swain's Ln

79.SL.2

0.0

0.0

18.36000

20.59000

85.00000

1.1201

0.50038

18.32944

20.09056

85.00000

1.0341

1.0008

18.29889

19.59111

85.00000

0.95829

1.5011

18.26833

19.09167

85.00000

0.88664

2.0015

18.23778

18.59222

85.00000

0.81377

2.5019

18.20722

18.09278

85.00000

0.73973

3.0023

18.17667

17.59333

85.00000

0.66460

3.5026

18.14611

17.09389

85.00000

0.58843

4.0030

18.11556

16.59444

85.00000

0.51128

4.5034

18.08500

16.09500

85.00000

0.43320

5.0038

18.05444

15.59556

85.00000

0.35424



A-SQUARED STUDIO
ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	[m]
						5.5042	18.02389	15.09611	85.00000	0.27444
						6.0045	17.99333	14.59667	85.00000	0.19385
						6.5049	17.96278	14.09722	85.00000	0.11250
						7.0053	17.93222	13.59778	85.00000	0.030451
						7.5057	17.90167	13.09833	85.00000	0.0
						8.0061	17.87111	12.59889	85.00000	0.0
						8.5064	17.84056	12.09944	85.00000	0.0
						9.0068	17.81000	11.60000	85.00000	0.0
36	79 Swain's Ln		79.SL.3	0.0		0.0	17.81000	11.60000	85.00000	0.0
						0.49352	17.31739	11.63000	85.00000	0.0
						0.98704	16.82478	11.66000	85.00000	0.0
						1.4806	16.33217	11.69000	85.00000	0.0
						1.9741	15.83957	11.72000	85.00000	0.0
						2.4676	15.34696	11.75000	85.00000	0.0
						2.9611	14.85435	11.78000	85.00000	0.0
						3.4546	14.36174	11.81000	85.00000	0.0
						3.9482	13.86913	11.84000	85.00000	0.0
						4.4417	13.37652	11.87000	85.00000	0.0
						4.9352	12.88391	11.90000	85.00000	0.0
						5.4287	12.39130	11.93000	85.00000	0.0
						5.9223	11.89870	11.96000	85.00000	0.0
						6.4158	11.40609	11.99000	85.00000	0.0
						6.9093	10.91348	12.02000	85.00000	0.0
						7.4028	10.42087	12.05000	85.00000	0.0
						7.8963	9.92826	12.08000	85.00000	0.0
						8.3899	9.43565	12.11000	85.00000	0.0
						8.8834	8.94304	12.14000	85.00000	0.0
						9.3769	8.45043	12.17000	85.00000	0.0
						9.8704	7.95783	12.20000	85.00000	0.0
						10.364	7.46522	12.23000	85.00000	0.0
						10.857	6.97261	12.26000	85.00000	0.0
						11.351	6.48000	12.29000	85.00000	0.0
37	79 Swain's Ln		79.SL.4	0.0		0.0	6.48000	12.29000	85.00000	0.0
						0.48889	6.48111	12.77889	85.00000	0.0
						0.97778	6.48222	13.26778	85.00000	0.0
						1.4667	6.48333	13.75667	85.00000	0.0
						1.9556	6.48444	14.24556	85.00000	0.0
						2.4445	6.48556	14.73444	85.00000	0.0
						2.9333	6.48667	15.22333	85.00000	0.0
						3.4222	6.48778	15.71222	85.00000	0.0
						3.9111	6.48889	16.20111	85.00000	0.0
						4.4000	6.49000	16.69000	85.00000	0.0
38	79 Swain's Ln		79.SL.5	0.0		0.0	6.49000	16.69000	85.00000	0.0
						0.49957	5.99077	16.70846	85.00000	0.0
						0.99914	5.49154	16.72692	85.00000	0.0
						1.4987	4.99231	16.74538	85.00000	0.0
						1.9983	4.49308	16.76385	85.00000	0.0
						2.4979	3.99385	16.78231	85.00000	0.0
						2.9974	3.49462	16.80077	85.00000	0.0
						3.4970	2.99538	16.81923	85.00000	0.0
						3.9966	2.49615	16.83769	85.00000	0.0
						4.4961	1.99692	16.85615	85.00000	0.0
						4.9957	1.49769	16.87462	85.00000	0.0
						5.4953	0.99846	16.89308	85.00000	0.0
						5.9949	0.49923	16.91154	85.00000	0.0
						6.4944	0.00000	16.93000	85.00000	0.0
39	184 to 210 Oakeshott Ave		184to210.OA.1	0.0		0.0	9.09000	0.00000	85.00000	0.0
						0.58380	8.92500	0.56000	85.00000	0.0
						1.1676	8.76000	1.12000	85.00000	0.0
40	184 to 210 Oakeshott Ave		184to210.OA.2	0.0		0.0	8.76000	1.12000	85.00000	0.0
						0.49749	9.27222	2.16056	85.00000	0.0
						0.99498	9.71444	1.40111	85.00000	0.0
						1.4925	10.19167	1.54167	85.00000	0.0
						1.9900	10.66889	1.68222	85.00000	0.0
						2.4875	11.14611	1.82278	85.00000	0.0
						2.9849	11.62333	1.96333	85.00000	0.0
						3.4824	12.10056	2.10389	85.00000	0.0
						3.9799	12.57778	2.24444	85.00000	0.0
						4.4774	13.05500	2.38500	85.00000	0.0
						4.9749	13.53222	2.52556	85.00000	0.0
						5.4724	14.00944	2.66611	85.00000	0.0
						5.9699	14.48667	2.80667	85.00000	0.0
						6.4674	14.96389	2.94722	85.00000	0.0
						6.9649	15.44111	3.08778	85.00000	0.0
						7.4624	15.91833	3.22833	85.00000	0.0
						7.9598	16.39556	3.36889	85.00000	0.0
						8.4573	16.87278	3.50944	85.00000	0.0
						8.9548	17.35000	3.65000	85.00000	0.0
41	184 to 210 Oakeshott Ave		184to210.OA.3	0.0		0.0	17.35000	3.65000	85.00000	0.0
						0.47761	17.49125	3.19375	85.00000	0.0
						0.95523	17.63250	2.73750	85.00000	0.0
						1.4328	17.77375	2.28125	85.00000	0.0
						1.9105	17.91500	1.82500	85.00000	0.0
						2.3881	18.05625	1.36875	85.00000	0.0
						2.8657	18.19750	0.91250	85.00000	0.0
						3.3433	18.33875	0.45625	85.00000	0.0
						3.8209	18.48000	0.00000	85.00000	0.0
42	Existing Tunnel Wall Gardeners Compound	ETWGC.1		0.0		0.0	32.07000	36.91000	85.00000	6.6333
						0.48730	31.58471	36.86588	85.00000	6.9550
						0.97459	31.09941	36.82176	85.00000	7.1911
						1.4619	30.61412	36.77765	85.00000	7.3495
						1.9492	30.12882	36.73353	85.00000	7.4376
						2.4365	29.64353	36.68941	85.00000	7.4627
						2.9238	29.15824	36.64529	85.00000	7.4317
						3.4111	28.67294	36.60118	85.00000	7.3512
						3.8984	28.18765	36.55706	85.00000	7.2274
						4.3857	27.70235	36.51294	85.00000	7.0662
						4.8730	27.21706	36.46882	85.00000	6.8732
						5.3602	26.73176	36.42471	85.00000	6.6537
						5.8475	26.24647	36.38059	85.00000	6.4127
						6.3348	25.76118	36.33647	85.00000	6.1546
						6.8221	25.27588	36.29235	85.00000	5.8839
						7.3094	24.79059	36.24824	85.00000	5.6044
						7.7967	24.30529	36.20412	85.00000	5.3200
						8.2840	23.82000	36.16000	85.00000	5.0337
43	Existing Tunnel Wall Gardeners Compound	ETWGC.2		0.0		0.0	23.82000	36.16000	85.00000	5.0337
						0.47841	23.81167	35.68167	85.00000	5.0385
						0.95681	23.80333	35.20333	85.00000	5.0425
						1.4352	23.79500	34.72500	85.00000	5.0457
						1.9136	23.78667	34.24667	85.00000	4.9567
						2.3920	23.77833	33.76833	85.00000	4.8677
						2.8704	23.77000	33.29000	85.00000	4.7800
44	Existing Tunnel Wall Gardeners Compound	ETWGC.3		0.0		0.0	23.77000	33.29000	85.00000	4.7800
						0.50747	24.27471	33.34294	85.00000	5.0712
						1.0149	24.77941	33.39588	85.00000	5.3626
						1.5224	25.28412	33.44882	85.00000	5.6509
						2.0299	25.78882	33.50176	85.00000	5.9322
						2.5374	26.29353	33.55471	85.00000	6.2024
						3.0448	26.79824	33.60765	85.00000	6.4570
						3.5523	27.30294	33.66059	85.00000	6.6911
						4.0598	27.80765	33.71353	85.00000	6.8994
						4.5673	28.31235	33.76647	85.00000	7.0764
						5.0747	28.81706	33.81941	85.00000	7.2161
						5.5822	29.32176	33.87235	85.00000	7.3120
						6.0897	29.82647	33.92529	85.00000	7.3575
						6.5972	30.33118	33.97824	85.00000	7.3455
						7.1046	30.83588	34.03118	85.00000	7.2685
						7.6121	31.34059	34.08412	85.00000	7.1186
						8.1196	31.84529	34.13706	85.00000	6.8877
						8.6271	32.35000	34.19000	85.00000	6.5672



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	[mm]
45	Existing Tunnel Wall	Highgate Chapel	ETWHGC.1		0.0	0.0	9.58000	47.66000	85.00000	0.0
						0.50436	9.65500	47.16125	85.00000	0.026271
						1.0087	9.73000	46.66250	85.00000	0.074561
						1.5131	9.80500	46.16375	85.00000	0.12117
						2.0174	9.88000	45.66500	85.00000	0.16606
						2.5218	9.95500	45.16625	85.00000	0.20917
						3.0261	10.03000	44.66750	85.00000	0.25044
						3.5305	10.10500	44.16875	85.00000	0.28984
						4.0349	10.18000	43.67000	85.00000	0.32732
46	Existing Tunnel Wall	Highgate Chapel	ETWHGC.2		0.0	0.0	10.18000	43.67000	85.00000	0.32732
						0.53865	10.69000	43.84333	85.00000	0.41888
						1.0773	11.20000	44.01667	85.00000	0.50970
						1.6160	11.71000	44.19000	85.00000	0.59971
						2.1546	12.22000	44.36333	85.00000	0.68887
						2.6933	12.73000	44.53667	85.00000	0.77713
						3.2319	13.24000	44.71000	85.00000	0.86441
47	Existing Tunnel Wall	Highgate Chapel	ETWHGC.3		0.0	0.0	13.24000	44.71000	85.00000	0.86441
						0.46578	13.14833	45.16667	85.00000	0.81853
						0.93155	13.05667	45.62333	85.00000	0.77101
						1.3973	12.96500	46.08000	85.00000	0.72193
						1.8631	12.87333	46.53667	85.00000	0.67132
						2.3289	12.78167	46.99333	85.00000	0.61925
						2.7947	12.69000	47.45000	85.00000	0.56577
48	Swain's Ln West Wall		SL.WW.1		0.0	0.0	14.54000	50.95000	85.00000	0.56583
						0.50410	14.83455	50.54091	85.00000	0.65692
						1.0082	15.12909	50.13182	85.00000	0.74801
						1.5123	15.42364	49.72273	85.00000	0.83910
						2.0164	15.71818	49.31364	85.00000	0.93020
						2.5205	16.01273	48.90455	85.00000	1.0257
						3.0246	16.30727	48.49545	85.00000	1.1457
						3.5287	16.60182	48.08636	85.00000	1.2576
						4.0328	16.89636	47.67727	85.00000	1.3647
						4.5369	17.19091	47.26818	85.00000	1.4698
						5.0410	17.48545	46.85909	85.00000	1.5751
						5.5451	17.78000	46.45000	85.00000	1.6838
49	Swain's Ln West Wall		SL.WW.2		0.0	0.0	17.78000	46.45000	85.00000	1.6838
						0.49559	18.16667	46.14000	85.00000	1.8062
						0.99118	18.55333	45.83000	85.00000	1.9356
						1.4868	18.94000	45.52000	85.00000	2.0737
						1.9824	19.32667	45.21000	85.00000	2.2216
						2.4780	19.71333	44.90000	85.00000	2.3802
						2.9736	20.10000	44.59000	85.00000	2.5502
						3.4691	20.48667	44.28000	85.00000	2.7316
						3.9647	20.87333	43.97000	85.00000	2.9246
						4.4603	21.26000	43.66000	85.00000	3.1287
50	Swain's Ln West Wall		SL.WW.3		0.0	0.0	21.26000	43.66000	85.00000	3.1287
						0.49973	21.54750	43.25125	85.00000	3.3170
						0.99947	21.83500	42.84250	85.00000	3.5096
						1.4992	22.12250	42.43375	85.00000	3.7048
						1.9989	22.41000	42.02500	85.00000	3.9007
						2.4987	22.69750	41.61625	85.00000	4.0954
						2.9984	22.98500	41.20750	85.00000	4.2868
						3.4981	23.27250	40.79875	85.00000	4.4724
						3.9979	23.56000	40.39000	85.00000	4.6606
51	Swain's Ln West Wall		SL.WW.4		0.0	0.0	23.56000	40.39000	85.00000	4.6606
						0.52804	23.68571	39.87714	85.00000	4.7954
						1.0561	23.81143	39.36429	85.00000	4.9181
						1.5841	23.93714	38.85143	85.00000	5.0271
						2.1122	24.06286	38.33857	85.00000	5.1206
						2.6402	24.18857	37.82571	85.00000	5.2025
						3.1682	24.31429	37.31286	85.00000	5.2908
						3.6963	24.44000	36.80000	85.00000	5.3804
52	Swain's Ln West Wall		SL.WW.5		0.0	0.0	24.44000	36.80000	85.00000	5.3804
						0.49934	24.44333	36.30067	85.00000	5.3985
						0.99869	24.44667	35.80133	85.00000	5.4160
						1.4980	24.45000	35.30200	85.00000	5.4326
						1.9974	24.45333	34.80267	85.00000	5.4485
						2.4967	24.45667	34.30333	85.00000	5.3572
						2.9961	24.46000	33.80400	85.00000	5.2626
						3.4954	24.46333	33.30467	85.00000	5.1693
						3.9948	24.46667	32.80533	85.00000	5.0770
						4.4941	24.47000	32.30600	85.00000	4.9859
						4.9934	24.47333	31.80667	85.00000	4.8960
						5.4928	24.47667	31.30733	85.00000	4.8233
						5.9921	24.48000	30.80800	85.00000	4.7566
						6.4915	24.48333	30.30867	85.00000	4.6764
						6.9908	24.48667	29.80933	85.00000	4.5838
						7.4902	24.49000	29.31000	85.00000	4.4799
						7.9895	24.49333	28.81067	85.00000	4.3662
						8.4889	24.49667	28.31133	85.00000	4.2439
						8.9882	24.50000	27.81200	85.00000	4.1143
						9.4875	24.50333	27.31267	85.00000	3.9788
						9.9869	24.50667	26.81333	85.00000	3.8578
						10.486	24.51000	26.31400	85.00000	3.7366
						10.986	24.51333	25.81467	85.00000	3.6081
						11.485	24.51667	25.31533	85.00000	3.4738
						11.984	24.52000	24.81600	85.00000	3.3352
						12.484	24.52333	24.31667	85.00000	3.1938
						12.983	24.52667	23.81733	85.00000	3.0511
						13.482	24.53000	23.31800	85.00000	2.9083
						13.982	24.53333	22.81867	85.00000	2.7668
						14.481	24.53667	22.31933	85.00000	2.6275
						14.980	24.54000	21.82000	85.00000	2.4916
53	Swain's Ln West Wall		SL.WW.6		0.0	0.0	24.54000	21.82000	85.00000	2.4916
						0.49253	24.53458	21.32750	85.00000	2.3596
						0.98506	24.52917	20.83500	85.00000	2.2324
						1.4776	24.52375	20.34250	85.00000	2.1100
						1.9701	24.51833	19.85000	85.00000	1.9927
						2.4626	24.51292	19.35750	85.00000	1.8802
						2.9552	24.50750	18.86500	85.00000	1.7721
						3.4477	24.50208	18.37250	85.00000	1.6698
						3.9402	24.49667	17.88000	85.00000	1.5730
						4.4328	24.49125	17.38750	85.00000	1.4770
						4.9253	24.48583	16.89500	85.00000	1.3806
						5.4178	24.48042	16.40250	85.00000	1.2817
						5.9104	24.47500	15.91000	85.00000	1.1756
						6.4029	24.46958	15.41750	85.00000	1.0639
						6.8954	24.46417	14.92500	85.00000	0.96405
						7.3879	24.45875	14.43250	85.00000	0.87866
						7.8805	24.45333	13.94000	85.00000	0.79325
						8.3730	24.44792	13.44750	85.00000	0.70745
						8.8655	24.44250	12.95500	85.00000	0.62109
						9.3581	24.43708	12.46250	85.00000	0.53420
						9.8506	24.43167	11.97000	85.00000	0.44682
						10.343	24.42625	11.47750	85.00000	0.35897
						10.836	24.42083	10.98500	85.00000	0.27069
						11.328	24.41542	10.49250	85.00000	0.18199
						11.821	24.41000	10.00000	85.00000	0.092896
54	Swain's Ln West Wall		SL.WW.7		0.0	0.0	24.41000	10.00000	85.00000	0.092896
						0.49467	23.91568	10.01838	85.00000	0.052580
						0.98933	23.42135	10.03676	85.00000	0.010560
						1.4840	22.92703	10.05514	85.00000	0.0
						1.9787	22.43270	10.07351	85.00000	0.0
						2.4733	21.93838	10.09189	85.00000	0.0
						2.9680	21.44405	10.11027	85.00000	0.0
						3.4627	20.94973	10.12865	85.00000	0.0
						3.9573	20.45541	10.14703	85.00000	0.0
						4.4520	19.96108	10.16541	85.00000	0.0
						4.9467	19.46676	10.18378	85.00000	0.0
						5.4413	18.97243	10.20216	85.00000	0.0



A-SQUARED STUDIO
ENGINEERS LTD

Highgate Cemetery
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Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1										Job No.		Sheet No.		Rev.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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<table><tr><td>Stage: Ref.</td><td>Stage: Name</td><td>Specific Building: Ref.</td><td>Specific Building: Name</td><td>Sub-building Name</td><td>Vertical Offset</td><td>Dist.</td><td>x</td><td>y</td><td>z</td><td colspan="4">δz</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>[m]</td><td>[m]</td><td>[m]</td><td>[m]</td><td>[m]</td><td colspan="4">[mm]</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>7.0122</td><td>33.30962</td><td>18.94885</td><td>85.00000</td><td colspan="4">2.9164</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>7.5131</td><td>33.35673</td><td>18.45019</td><td>85.00000</td><td colspan="4">2.7184</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>8.0140</td><td>33.40385</td><td>17.95154</td><td>85.00000</td><td colspan="4">2.5330</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>8.5149</td><td>33.45096</td><td>17.45288</td><td>85.00000</td><td colspan="4">2.3600</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>9.0157</td><td>33.49808</td><td>16.95423</td><td>85.00000</td><td colspan="4">2.1990</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>9.5166</td><td>33.54519</td><td>16.45558</td><td>85.00000</td><td colspan="4">2.0494</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>10.017</td><td>33.59231</td><td>15.95692</td><td>85.00000</td><td colspan="4">1.9100</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>10.518</td><td>33.63942</td><td>15.45827</td><td>85.00000</td><td colspan="4">1.7795</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>11.019</td><td>33.68654</td><td>14.95962</td><td>85.00000</td><td colspan="4">1.6561</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>11.520</td><td>33.73365</td><td>14.46096</td><td>85.00000</td><td colspan="4">1.5377</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>12.021</td><td>33.78077</td><td>13.96231</td><td>85.00000</td><td colspan="4">1.4218</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>12.522</td><td>33.82788</td><td>13.46365</td><td>85.00000</td><td colspan="4">1.3057</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>13.023</td><td>33.87500</td><td>12.96500</td><td>85.00000</td><td colspan="4">1.1861</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>13.524</td><td>33.92212</td><td>12.46635</td><td>85.00000</td><td colspan="4">1.0596</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>14.024</td><td>33.96923</td><td>11.96769</td><td>85.00000</td><td colspan="4">0.94758</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>14.525</td><td>34.01635</td><td>11.46904</td><td>85.00000</td><td colspan="4">0.84826</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>15.026</td><td>34.06346</td><td>10.97038</td><td>85.00000</td><td colspan="4">0.74895</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>15.527</td><td>34.11058</td><td>10.47173</td><td>85.00000</td><td colspan="4">0.64963</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>16.028</td><td>34.15769</td><td>9.97308</td><td>85.00000</td><td colspan="4">0.55031</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>16.529</td><td>34.20481</td><td>9.47442</td><td>85.00000</td><td colspan="4">0.45100</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>17.030</td><td>34.25192</td><td>8.97577</td><td>85.00000</td><td colspan="4">0.35168</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>17.531</td><td>34.29904</td><td>8.47712</td><td>85.00000</td><td colspan="4">0.25237</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>18.031</td><td>34.34615</td><td>7.97846</td><td>85.00000</td><td colspan="4">0.15305</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>18.532</td><td>34.39327</td><td>7.47981</td><td>85.00000</td><td colspan="4">0.053735</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>19.033</td><td>34.44038</td><td>6.98115</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>19.534</td><td>34.48750</td><td>6.48250</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>20.035</td><td>34.53462</td><td>5.98385</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>20.536</td><td>34.58173</td><td>5.48519</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>21.037</td><td>34.62885</td><td>4.98654</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>21.538</td><td>34.67596</td><td>4.48788</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>22.038</td><td>34.72308</td><td>3.98923</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>22.539</td><td>34.77019</td><td>3.49058</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>23.040</td><td>34.81731</td><td>2.99192</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>23.541</td><td>34.86442</td><td>2.49327</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>24.042</td><td>34.91154</td><td>1.99462</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>24.543</td><td>34.95865</td><td>1.49596</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>25.044</td><td>35.00577</td><td>0.99731</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>25.545</td><td>35.05288</td><td>0.49865</td><td>85.00000</td><td colspan="4">0.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>26.045</td><td>35.10000</td><td>0.00000</td><td>85.00000</td><td colspan="4">0.0</td></tr></table>														Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz									[m]	[m]	[m]	[m]	[m]	[mm]										7.0122	33.30962	18.94885	85.00000	2.9164										7.5131	33.35673	18.45019	85.00000	2.7184										8.0140	33.40385	17.95154	85.00000	2.5330										8.5149	33.45096	17.45288	85.00000	2.3600										9.0157	33.49808	16.95423	85.00000	2.1990										9.5166	33.54519	16.45558	85.00000	2.0494										10.017	33.59231	15.95692	85.00000	1.9100										10.518	33.63942	15.45827	85.00000	1.7795										11.019	33.68654	14.95962	85.00000	1.6561										11.520	33.73365	14.46096	85.00000	1.5377										12.021	33.78077	13.96231	85.00000	1.4218										12.522	33.82788	13.46365	85.00000	1.3057										13.023	33.87500	12.96500	85.00000	1.1861										13.524	33.92212	12.46635	85.00000	1.0596										14.024	33.96923	11.96769	85.00000	0.94758										14.525	34.01635	11.46904	85.00000	0.84826										15.026	34.06346	10.97038	85.00000	0.74895										15.527	34.11058	10.47173	85.00000	0.64963										16.028	34.15769	9.97308	85.00000	0.55031										16.529	34.20481	9.47442	85.00000	0.45100										17.030	34.25192	8.97577	85.00000	0.35168										17.531	34.29904	8.47712	85.00000	0.25237										18.031	34.34615	7.97846	85.00000	0.15305										18.532	34.39327	7.47981	85.00000	0.053735										19.033	34.44038	6.98115	85.00000	0.0										19.534	34.48750	6.48250	85.00000	0.0										20.035	34.53462	5.98385	85.00000	0.0										20.536	34.58173	5.48519	85.00000	0.0										21.037	34.62885	4.98654	85.00000	0.0										21.538	34.67596	4.48788	85.00000	0.0										22.038	34.72308	3.98923	85.00000	0.0										22.539	34.77019	3.49058	85.00000	0.0										23.040	34.81731	2.99192	85.00000	0.0										23.541	34.86442	2.49327	85.00000	0.0										24.042	34.91154	1.99462	85.00000	0.0										24.543	34.95865	1.49596	85.00000	0.0										25.044	35.00577	0.99731	85.00000	0.0										25.545	35.05288	0.49865	85.00000	0.0										26.045	35.10000	0.00000	85.00000	0.0			
Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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						7.0122	33.30962	18.94885	85.00000	2.9164																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						7.5131	33.35673	18.45019	85.00000	2.7184																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						8.0140	33.40385	17.95154	85.00000	2.5330																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						8.5149	33.45096	17.45288	85.00000	2.3600																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						9.0157	33.49808	16.95423	85.00000	2.1990																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						9.5166	33.54519	16.45558	85.00000	2.0494																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						10.017	33.59231	15.95692	85.00000	1.9100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						10.518	33.63942	15.45827	85.00000	1.7795																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						11.019	33.68654	14.95962	85.00000	1.6561																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						11.520	33.73365	14.46096	85.00000	1.5377																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						12.021	33.78077	13.96231	85.00000	1.4218																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						12.522	33.82788	13.46365	85.00000	1.3057																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						13.023	33.87500	12.96500	85.00000	1.1861																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						13.524	33.92212	12.46635	85.00000	1.0596																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						14.024	33.96923	11.96769	85.00000	0.94758																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						14.525	34.01635	11.46904	85.00000	0.84826																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						15.026	34.06346	10.97038	85.00000	0.74895																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						15.527	34.11058	10.47173	85.00000	0.64963																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						16.028	34.15769	9.97308	85.00000	0.55031																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						16.529	34.20481	9.47442	85.00000	0.45100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						17.030	34.25192	8.97577	85.00000	0.35168																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						17.531	34.29904	8.47712	85.00000	0.25237																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						18.031	34.34615	7.97846	85.00000	0.15305																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						18.532	34.39327	7.47981	85.00000	0.053735																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						19.033	34.44038	6.98115	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						19.534	34.48750	6.48250	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						20.035	34.53462	5.98385	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						20.536	34.58173	5.48519	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						21.037	34.62885	4.98654	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						21.538	34.67596	4.48788	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						22.038	34.72308	3.98923	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						22.539	34.77019	3.49058	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						23.040	34.81731	2.99192	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						23.541	34.86442	2.49327	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						24.042	34.91154	1.99462	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						24.543	34.95865	1.49596	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						25.044	35.00577	0.99731	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						25.545	35.05288	0.49865	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						26.045	35.10000	0.00000	85.00000	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Stage: Ref.		Stage: Name		Specific Building: Name		Sub-building Name		Vertical Offset		Segment		Start		Length		Curvature		Deflection		Average		Max		Max Gradient		Max																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Displacement		Curvature						Vertical												Strain		Strain		Horizontal		Displacement		Curve																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
[m]								[m]				[m]		[m]				[%]		[%]		[%]		Displacement		Curve																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
0		Base Model		1		Mausoleum of Lord Dalziel of Wooler		Mau.1.1		0.0		1		0.0		4.5940		None		709.74E-6		0.018605		0.019429		-246.69E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
231.15E-6		64382.0		0		(Negligible)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				2		Mausoleum of Lord Dalziel of Wooler		Mau.1.2		0.0		1		0.0		2.7667		None		379.70E-6		0.014366		0.014666		-176.37E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
169.64E-6		71582.0		0		(Negligible)										2.7667		1.5098		None		633.15E-6		0.0040133		0.0043007		-117.87E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
171.23E-6		39360.0		0		(Negligible)						2				4.2765		0.64651		None		41.178E-6		0.0		41.020E-6		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
148.69E-6		213600.0		0		(Negligible)						1		0.0		0.98583		None		73.101E-6		0.0		72.348E-6		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-130.90E-6		168130.0		0		(Negligible)						2		0.98583		1.3877		None		386.94E-6		0.0030051		0.0031671		-90.439E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
-149.66E-6		64171.0		0		(Negligible)						3		2.3735		2.1495		None		385.50E-6		0.0096236		0.0098670		-115.74E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
-149.66E-6		62228.0		0		(Negligible)						1		0.0		0.30996		None		0.0		0.032810		0.032810		-327.99E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
-198.43E-6		577310.0		0		(Negligible)						2		0.30996		4.7030		None		830.87E-6		0.025153		0.026133		-327.99E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
-252.70E-6		59630.0		0		(Negligible)						1		0.0		1.1007		None		0.0		0.0		35.763E-9		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-21.170E-6		226.51E+15		0		(Negligible)						2		1.1007		1.0145		None		0.0		0.0		35.763E-9		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-21.170E-6		295.70E+15		0		(Negligible)						3		2.1152		0.93565		None		0.0		0.0		35.763E-9		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-21.170E-6		296.83E+15		0		(Negligible)						4		3.0509		1.0531		None		0.0		0.0		35.763E-9		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-21.170E-6		319.62E+15		0		(Negligible)						1		0.0		1.2936		None		0.0010276		0.015162		0.015660		-344.74E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
-254.06E-6		11100.0		0		(Negligible)						2		1.2936		1.3786		None		211.20E-6		0.048125		0.048234		-523.26E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
-254.06E-6		69174.0		0		(Negligible)						3		2.6722		0.079800		None		0.0		0.052353		0.052353		-523.26E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
-233.99E-6		938560.1		0		(Very Slight)						1		0.0		2.9875		None		178.90E-6		574.68E-6		754.49E-6		-10.126E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
30.222E-6		142330.0		0		(Negligible)						2		2.9875		1.1155		None		7.0288E-6		950.87E-6		953.83E-6		-9.8664E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
29.959E-6		2.0139E+6		0		(Negligible)						1		0.0		1.0378		None		209.93E-6		0.043714		0.043797		-490.11E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
249.19E-6		61059.0		0		(Negligible)						2		1.0378		1.4941		None		0.0010670		0.012104		0.012696		-320.29E-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
249.19E-6		21006.0		0		(Negligible)						3		2.5319		0.23006		None		0.0		0.0		35.763E-9		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
198.93E-6		48834.0		0		(Negligible)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				9		Mauselium 2		Mau.2.1		0.0		All vertical displacements are less than the limit sensitivity.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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				11		Mauselium 2		Mau.2.3		0.0		All vertical displacements are less than the limit sensitivity.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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				14		Mauselium 3		Mau.3.3		0.0		All vertical displacements are less than the limit sensitivity.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-106.76E-6		142030.0		0		(Negligible)		HGC.1		0.0		1		16.861		4.4631		None		310.58E-6		0.0		301.44E-6		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-84.699E-6		-		0		(Negligible)						2		21.324		0.0		None		0.0		0.0		35.763E-9		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-84.699E-6		428.29E+15		0		(Negligible)						3		21.324		0.99180		None		0.0		0.0		35.763E-9		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-84.699E-6		114420.0		0		(Negligible)						4		22.315		2.4785		None		144.01E-6		0.0		142.66E-6		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
189.41E-6		761250.0		0		(Negligible)		HGC.2		0.0		1		0.0		3.0537		None		43.152E-6		0.0		42.522E-6		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
189.85E-6		31970.0		0		(Negligible)						2		3.0537		0.49192		None		0.0		0.0		35.763E-9		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				17		Highgate Chapel		HGC.3		0.0		All vertical displacements are less than the limit sensitivity.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				18		Highgate Chapel		HGC.4		0.0		1		2.4486		0.18095		None		0.0		0.0		35.763E-9		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-155.70E-6		102450.0		0		(Negligible)						2		2.6295		0.30846		None		0.0		0.0		35.763E-9		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-154.01E-6		60098.0		0		(Negligible)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				19		Highgate Chapel		HGC.5		0.0		1		0.0		4.6010		None		353.41E-6		0.0		530.68E-6		0.0		0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-127.67E-6		139330.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Stage: Name Specific		Specific Building: Name		Sub-building	Vertical Offset	Segment	Start	Length	Curvature	Deflection	Average	Max	Max	Max
Gradient	Min Radius	Damage Category	Building:	Name	from Line for									
Ref. of										Ratio	Horizontal	Tensile	of	of Vertical
-141.31E-6	83533.0	(Negligible)				3	1.5412	3.4008	None	291.39E-6	-41.963E-6	395.79E-6	-56.142E-6	
	23	Highgate Chapel		HGC.9	0.0	1	0.0	4.6341	None	0.0016797	0.034078	0.036598	-401.74E-6	
-433.50E-6	25120.0	(Negligible)				2	4.6341	0.49886	None	0.0	0.022599	0.022599	-225.94E-6	
-432.40E-6	226470.0	(Negligible)				1	0.0	0.93096	None	923.54E-6	-0.019375	0.0039080	198.70E-6	
300.22E-6	9645.9	(Negligible)		HGC.10	0.0	2	0.93096	2.6809	None	631.70E-6	-0.0042922	894.46E-6	198.70E-6	
318.75E-6	34632.0	(Negligible)				3	3.6118	1.3302	None	181.95E-6	0.013449	0.013616	-181.16E-6	
318.75E-6	59456.0	(Negligible)		HGC.11	0.0	1	0.0	5.1330	None	0.0010206	0.022044	0.023543	-277.97E-6	
267.97E-6	58524.0	(Negligible)				1	0.0	9.0058	None	930.24E-6	0.0	0.0011395	0.0	
-89.228E-6	105420.0	(Negligible)		81.SL.1	0.0	2	9.0058	0.58017	None	0.0	0.0	35.763E-9	0.0	
-27.175E-6	990.55E+15	(Negligible)				3	9.5860	0.79005	None	0.0	0.0	35.763E-9	0.0	
-27.175E-6	197.31E+15	(Negligible)		81.SL.2	0.0	1	0.0	1.4649	None	971.32E-6	0.014747	0.014988	-355.50E-6	
-255.61E-6	16506.0	(Negligible)				2	1.4649	1.1032	None	216.15E-6	0.047941	0.047981	-522.27E-6	
-255.61E-6	70027.0	(Negligible)				3	2.5681	3.5349	None	0.0015036	0.051624	0.052498	-519.82E-6	
-333.07E-6	20310.1	(Very Slight)		81.SL.3	0.0	1	0.0	2.2628	None	146.88E-6	0.0010684	0.0011243	85.016E-6	
66.423E-6	133050.0	(Negligible)				2	2.2628	8.3102	None	990.21E-6	-173.23E-6	981.08E-6	-105.27E-6	
131.50E-6	57006.0	(Negligible)		81.SL.4	0.0	1	0.0	1.5583	None	216.32E-6	0.020621	0.020678	-236.39E-6	
201.85E-6	67564.0	(Negligible)				2	1.5583	1.6137	None	708.22E-6	0.0051611	0.0053549	-155.75E-6	
201.85E-6	38680.0	(Negligible)				3	3.1720	3.0520	None	95.813E-6	0.0	93.091E-6	0.0	
174.66E-6	351270.0	(Negligible)		81.SL.5	0.0	1	7.1034	0.50111	None	0.0	0.0	35.763E-9	0.0	
-191.26E-6	15704.0	(Negligible)				2	7.6045	1.0205	None	10.853E-6	0.0	10.693E-6	0.0	
-190.88E-6	1.1593E+6	(Negligible)		81.SL.6	0.0	1	0.0	3.8427	None	358.95E-6	0.0	428.97E-6	0.0	
93.660E-6	123700.0	(Negligible)												
	32	81 Swain's Ln		81.SL.7	0.0									
	33	81 Swain's Ln		81.SL.8	0.0									
	34	79 Swain's Ln		79.SL.1	0.0	1	12.412	0.46091	None	0.0	0.0	35.763E-9	0.0	
-170.89E-6	30950.0	(Negligible)				2	12.873	4.0137	None	157.25E-6	0.0	151.03E-6	0.0	
-169.72E-6	269890.0	(Negligible)				3	16.886	1.4828	None	686.49E-6	0.0047360	0.0048917	-136.86E-6	
-189.22E-6	14555.0	(Negligible)		79.SL.2	0.0	1	0.0	1.5510	None	539.50E-6	0.0042977	0.0044256	-117.89E-6	
171.93E-6	21236.0	(Negligible)				2	1.5510	4.4823	None	213.50E-6	0.0	203.03E-6	0.0	
162.56E-6	215950.0	(Negligible)				3	6.0332	0.47169	None	0.0	0.0	35.763E-9	0.0	
163.98E-6	20262.0	(Negligible)												
	36	79 Swain's Ln		79.SL.3	0.0									
	37	79 Swain's Ln		79.SL.4	0.0									
	38	79 Swain's Ln		79.SL.5	0.0									
	39	184 to 210 Oakeshott Ave		184to210.OA.1	0.0									
	40	184 to 210 Oakeshott Ave		184to210.OA.2	0.0									
	41	184 to 210 Oakeshott Ave		184to210.OA.3	0.0									
	42	Existing Tunnel Wall Gardeners Compound		ETWGC.1	0.0	1	0.0	8.2840	Sagging	0.016591	0.070408	0.094259	-807.55E-6	
-659.66E-6	2715.4	(Slight)												
186.09E-6	4959.9	(Negligible)		ETWGC.2	0.0	1	0.0	2.3720	None	0.0046305	832.13E-6	0.0056866	-35.683E-6	
186.09E-6	132270.0	(Negligible)				2	2.3720	0.49801	None	10.987E-6	0.0035386	0.0035413	-35.683E-6	
-573.41E-6	235070.1	(Very Slight)		ETWGC.3	0.0	1	0.0	0.32616	None	0.0	0.059956	0.059956	-599.20E-6	
631.10E-6	2810.8	(Slight)				2	0.32616	8.3008	Sagging	0.016054	0.069229	0.092292	-795.60E-6	
-92.419E-6	130940.0	(Negligible)		ETWHGC.1	0.0	1	1.5131	2.5209	None	221.36E-6	0.0	242.29E-6	0.0	
-169.99E-6	294180.0	(Negligible)		ETWHGC.2	0.0	1	0.0	3.2310	None	118.69E-6	0.0	151.60E-6	0.0	
114.82E-6	131810.0	(Negligible)		ETWHGC.3	0.0	1	0.0	2.7940	None	243.82E-6	0.0	285.78E-6	0.0	
-237.99E-6	22608.0	(Negligible)		SL.WW.1	0.0	1	0.0	3.1007	None	811.76E-6	0.0054793	0.0066772	-289.57E-6	
-237.99E-6	22608.0	(Negligible)				2	3.1007	1.3469	None	247.66E-6	0.037068	0.037298	-412.65E-6	
-215.46E-6	62742.0	(Negligible)				3	4.4476	1.0974	None	163.43E-6	0.039123	0.039251	-402.90E-6	
-411.54E-6	21435.1	(Very Slight)		SL.WW.2	0.0	1	0.0	4.4600	None	0.0023814	0.046612	0.050203	-478.59E-6	
-392.05E-6	53844.0	(Negligible)		SL.WW.3	0.0	1	0.0	1.6807	None	244.61E-6	0.022031	0.022298	-257.26E-6	
-392.05E-6	73199.0	(Negligible)				2	1.6807	1.7472	None	322.81E-6	0.0091375	0.0095003	-160.62E-6	
-376.55E-6	54371.0	(Negligible)				3	3.4279	0.56907	None	54.529E-6	141.46E-6	164.83E-6	-25.016E-6	
-255.50E-6	19829.0	(Negligible)		SL.WW.4	0.0	1	0.0	2.6049	None	0.0015462	-0.045412	0.0091037	540.29E-6	
-169.52E-6	112440.0	(Negligible)				2	2.6049	1.0689	None	74.852E-6	0.0020978	0.0021552	381.47E-6	
-169.52E-6	2.5595E+6	(Negligible)				3	3.6738	0.022151	None	0.0	0.0034883	0.0034883	-34.881E-6	
189.31E-6	4569.5	(Negligible)		SL.WW.5	0.0	1	0.0	2.9949	None	0.0048908	280.94E-6	0.0074350	-28.592E-6	
189.31E-6	24288.0	(Negligible)				2	2.9949	2.6567	None	757.99E-6	-0.0045304	955.76E-6	445.00E-6	
271.47E-6	20204.0	(Negligible)				3	5.6516	3.4200	None	0.0017498	-0.034058	0.0068361	445.00E-6	
271.47E-6	43709.0	(Negligible)				4	9.0716	1.0397	None	692.66E-6	-0.018826	0.0037837	192.03E-6	
285.87E-6	43023.0	(Negligible)				5	10.111	2.8854	None	614.01E-6	-0.0046991	968.13E-6	161.93E-6	
285.87E-6	71654.0	(Negligible)				6	12.997	1.9833	None	227.22E-6	0.013076	0.013353	-174.40E-6	
267.84E-6	45160.0	(Negligible)		SL.WW.6	0.0	1	0.0	4.2994	None	0.0010656	0.027725	0.029338	-324.05E-6	
226.77E-6	43381.0	(Negligible)				2	4.2994	1.6939	None	429.34E-6	0.034119	0.034592	-371.39E-6	
226.77E-6	23913.0	(Negligible)				3	5.9932	1.8436	None	0.0010010	0.0086883	0.0098540	-278.84E-6	
180.88E-6	460510.0	(Negligible)				4	7.8369	3.4913	None	86.316E-6	0.0	130.14E-6	0.0	
	54	Swain's Ln West Wall		SL.WW.7	0.0									
	55	Swain's Ln West Wall		SL.WW.8	0.0									
	56	Swain's Ln East Wall		SL.EW.1	0.0									
	57	Swain's Ln East Wall		SL.EW.2	0.0	1	0.0	1.5043	None	8.3194E-6	0.0	8.4043E-6	0.0	
-195.17E-6	1.8794E+6	(Negligible)				2	1.5043	1.8610	None	818.46E-6	0.0077434	0.0087022	-244.11E-6	
-235.86E-6	29408.0	(Negligible)				3	3.3653	1.2153	None	187.21E-6	0.034998	0.035158	-388.65E-6	
-235.86E-6	87380.0	(Negligible)				4	4.5806	5.8104	None	0.0020204	0.034220	0.037074	-383.13E-6	
-356.06E-6	30861.0	(Negligible)		SL.EW.3	0.0	1	0.0	2.8087	None	737.31E-6	0.035829	0.036887	-371.95E-6	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B1

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B1					Job No.		Sheet No.		Rev.				
					3500								
					Drg. Ref.								
Made by PES		Date 01-Nov-2024		Checked		Date							
Stage: Stage: Name Specific Gradient Min Radius Damage Category Ref. Building: of	Specific Building: Name	Sub-building	Vertical Offset	Segment	Start	Length	Curvature	Deflection	Average	Max	Max Gradient	Max	
		Name	from Line for					Ratio	Horizontal	Tensile	of	of Vertical	
-447.46E-6	30683. 0 (Negligible)			2	2.8087	3.1534	None	0.0013667	0.026853	0.028878	-337.75E-6		
-447.46E-6	17949. 0 (Negligible)			3	5.9621	0.90652	None	0.0016408	0.019012	0.020099	-222.72E-6		
-400.28E-6	22933. 0 (Negligible)			4	6.8686	1.4444	None	784.53E-6	0.010667	0.011435	-175.81E-6		
-379.83E-6	20159. 0 (Negligible)			1	0.0	1.9627	None	0.0098361	-0.30032	0.060236	0.010542		
461.84E-6	885.84 1 (Very Slight)	59 Swain's Ln East Wall	SL.EW.4	0.0	1.9627	3.4404	None	0.0053143	12.928E-6	0.0080096	3.1915E-6		
154.51E-6	4851.4 0 (Negligible)			2	1.9627	3.4404	None	0.0053143	12.928E-6	0.0080096	3.1915E-6		
154.15E-6	1.3619E+6 0 (Negligible)			3	5.4031	0.50997	None	702.29E-9	-319.29E-6	63.837E-6	3.1942E-6		
153.43E-6	28268. 0 (Negligible)			4	5.9131	0.71389	None	7.9039E-6	-319.47E-6	64.051E-6	3.1956E-6		
-617.77E-6	1447.0 2 (Slight)			5	6.6269	2.0211	None	0.016516	-0.39382	0.079127	0.010874		
-506.42E-6	1435.3 0 (Negligible)			6	8.6481	2.1739	None	0.013416	0.022208	0.039427	-738.55E-6		
499.27E-6	13676. 0 (Negligible)	60 Swain's Ln East Wall	SL.EW.5	0.0	0.0	0.67579	None	399.45E-6	0.039361	0.039563	-411.86E-6		
499.27E-6	51692. 0 (Negligible)			2	0.67579	0.63492	None	0.0010432	0.037755	0.038252	-411.86E-6		
515.27E-6	28281. 0 (Negligible)			3	1.3107	2.1068	None	734.36E-6	0.039639	0.040565	-430.94E-6		
515.27E-6	20282. 1 (Very Slight)			4	3.4175	8.5389	None	0.0044336	0.047855	0.052988	-496.28E-6		
252.47E-6	71737. 0 (Negligible)			5	11.956	1.1039	None	196.03E-6	0.045366	0.045521	-498.24E-6		
252.47E-6	25282. 0 (Negligible)			6	13.060	1.9660	None	975.74E-6	0.010046	0.011228	-329.42E-6		
198.28E-6	1.4934E+18 0 (Negligible)			7	15.026	0.33843	None	0.0	0.0	35.763E-9	0.0		
198.28E-6	3.1113E+18 0 (Negligible)			8	15.365	0.66332	None	0.0	0.0	35.763E-9	0.0		
198.28E-6	329.67E+30 0 (Negligible)			9	16.028	0.0	None	0.0045776	0.0	0.0045777	0.0		
198.28E-6	2.0577E+18 0 (Negligible)			10	16.028	0.69687	None	0.0	0.0	35.763E-9	0.0		
198.28E-6	1.3314E+18 0 (Negligible)			11	16.725	0.56459	None	0.0	0.0	35.763E-9	0.0		
198.28E-6	22016. 0 (Negligible)			12	17.289	0.74204	None	0.0	0.0	35.763E-9	0.0		
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.													
Specific Building Damage Results - Critical Values for All Segments within Each Sub-Building													
Stage: Stage: Name Specific Radius Damage Category Ref. Building: of	Specific Building: Name	Sub-building	Vertical	Deflection	Average	Max Slope	Max	Max	Max Gradient of	Max Gradient of	Min Radius Min		
		Name	Offset from	Ratio	Horizontal		Settlement	Tensile	Horizontal	Vertical	Curvature		
Curvature	Ref.		Line for		Strain			Strain	Displacement	Displacement	of		
(Sagging)			Vertical						Curve	Curve	(Hogging)		
			Movement										
[m]			Calculations	[%]	[%]		[mm]	[%]			[m]		
0	Base Model	1	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	0.0	709.74E-6	0.018605	231.15E-6	2.4758	0.019429	-246.69E-6	231.15E-6	-
-0	(Negligible)	2	Mausoleum of Lord Dalziel of Wooler	Mau.1.2	0.0	633.15E-6	0.014366	171.23E-6	1.5314	0.014666	-176.37E-6	171.23E-6	-
-0	(Negligible)	3	Mausoleum of Lord Dalziel of Wooler	Mau.1.3	0.0	386.94E-6	0.0096236	-149.66E-6	1.3728	0.0098670	-115.74E-6	-149.66E-6	-
-0	(Negligible)	4	Mausoleum of Lord Dalziel of Wooler	Mau.1.4	0.0	830.87E-6	0.032810	-252.70E-6	2.4757	0.032810	-327.99E-6	-252.70E-6	-
-0	(Negligible)	5	Small Ticket Kiosk	STK.1.1	0.0	0.0	0.0	-21.170E-6	0.87590	35.763E-9	0.0	-21.170E-6	-
-0	(Negligible)	6	Small Ticket Kiosk	STK.1.2	0.0	0.0010276	0.052353	-254.06E-6	1.5178	0.052353	-523.26E-6	-254.06E-6	-
-1	(Very Slight)	7	Small Ticket Kiosk	STK.1.3	0.0	178.90E-6	950.87E-6	30.222E-6	1.5179	953.83E-6	-10.126E-6	30.222E-6	-
-0	(Negligible)	8	Small Ticket Kiosk	STK.1.4	0.0	0.0010670	0.043714	249.19E-6	1.4117	0.043797	-490.11E-6	249.19E-6	-
-0	(Negligible)	15	Highgate Chapel	HGC.1	0.0	310.58E-6	0.0	-106.76E-6	0.82544	301.44E-6	0.0	-106.76E-6	-
-0	(Negligible)	16	Highgate Chapel	HGC.2	0.0	43.152E-6	0.0	189.85E-6	0.82551	42.522E-6	0.0	189.85E-6	-
-0	(Negligible)	18	Highgate Chapel	HGC.4	0.0	0.0	0.0	-155.70E-6	0.21603	35.763E-9	0.0	-155.70E-6	-
-0	(Negligible)	19	Highgate Chapel	HGC.5	0.0	353.41E-6	0.0	-127.67E-6	0.74808	530.68E-6	0.0	-127.67E-6	-
-0	(Negligible)	20	Highgate Chapel	HGC.6	0.0	79.687E-6	0.0	178.92E-6	0.74817	117.62E-6	0.0	178.92E-6	-
-0	(Negligible)	21	Highgate Chapel	HGC.7	0.0	89.252E-6	0.0	90.815E-6	0.19999	83.649E-6	0.0	90.815E-6	-
-0	(Negligible)	22	Highgate Chapel	HGC.8	0.0	291.39E-6	0.0091901	-141.38E-6	2.3306	0.0092143	-101.28E-6	-141.38E-6	-
-0	(Negligible)	23	Highgate Chapel	HGC.9	0.0	0.0016797	0.034078	-433.50E-6	4.3473	0.036598	-401.74E-6	-433.50E-6	-
-0	(Negligible)	24	Highgate Chapel	HGC.10	0.0	923.54E-6	-0.019375	318.75E-6	4.3476	0.013616	198.70E-6	318.75E-6	-
-0	(Negligible)	25	Highgate Chapel	HGC.11	0.0	0.0010206	0.022044	267.97E-6	2.8544	0.023543	-277.97E-6	267.97E-6	-
-0	(Negligible)	26	81 Swain's Ln	81.SL.1	0.0	930.24E-6	0.0	-89.228E-6	0.84988	0.0011395	0.0	-89.228E-6	-
-0	(Negligible)	27	81 Swain's Ln	81.SL.2	0.0	0.0015036	0.051624	-333.07E-6	2.4144	0.052498	-522.27E-6	-333.07E-6	-
-1	(Very Slight)	28	81 Swain's Ln	81.SL.3	0.0	990.21E-6	0.0010684	131.50E-6	2.4147	0.0011243	-105.27E-6	131.50E-6	-
-0	(Negligible)	29	81 Swain's Ln	81.SL.4	0.0	708.22E-6	0.020621	201.85E-6	1.4176	0.020678	-236.39E-6	201.85E-6	-
-0	(Negligible)	30	81 Swain's Ln	81.SL.5	0.0	10.853E-6	0.0	-191.26E-6	0.41773	10.693E-6	0.0	-191.26E-6	-
-0	(Negligible)	31	81 Swain's Ln	81.SL.6	0.0	358.95E-6	0.0	93.660E-6	0.41784	428.97E-6	0.0	93.660E-6	-
-0	(Negligible)	34	79 Swain's Ln	79.SL.1	0.0	686.49E-6	0.0047360	-189.22E-6	1.1201	0.0048917	-136.86E-6	-189.22E-6	-
-0	(Negligible)	35	79 Swain's Ln	79.SL.2	0.0	539.50E-6	0.0042977	171.93E-6	1.1201	0.0044256	-117.89E-6	171.93E-6	-
-0	(Negligible)	42	Existing Tunnel Wall Gardeners Compound	ETWGC.1	0.0	0.016591	0.070408	-659.66E-6	7.4622	0.094259	-807.55E-6	-659.66E-6	-
2715.4 2 (Slight)		43	Existing Tunnel Wall Gardeners Compound	ETWGC.2	0.0	0.0046305	0.0035386	186.09E-6	5.0455	0.0056866	-35.683E-6	186.09E-6	-
-0	(Negligible)	44	Existing Tunnel Wall Gardeners Compound	ETWGC.3	0.0	0.016054	0.069229	631.10E-6	7.3570	0.092292	-795.60E-6	631.10E-6	-
2810.8 2 (Slight)		45	Existing Tunnel Wall Highgate Chapel	ETWHGC.1	0.0	221.36E-6	0.0	-92.419E-6	0.32725	242.29E-6	0.0	-92.419E-6	-
-0	(Negligible)	46	Existing Tunnel Wall Highgate Chapel	ETWHGC.2	0.0	118.69E-6	0.0	-169.99E-6	0.86427	151.60E-6	0.0	-169.99E-6	-
-0	(Negligible)	47	Existing Tunnel Wall Highgate Chapel	ETWHGC.3	0.0	243.82E-6	0.0	114.82E-6	0.86441	285.78E-6	0.0	114.82E-6	-
-0	(Negligible)	48	Swain's Ln West Wall	SL.WW.1	0.0	811.76E-6	0.039123	-237.99E-6	1.6838	0.039251	-412.65E-6	-237.99E-6	-
-0	(Negligible)	49	Swain's Ln West Wall	SL.WW.2	0.0	0.0023814	0.046612	-411.54E-6	3.1285	0.050203	-478.59E-6	-411.54E-6	-
-1	(Very Slight)												

[illegible]

Specific Building Damage Results - Critical Segments within Each Building

Curvature (Sagging)	Damage Category	Stage: Name Ref. of Building:	Specific Building: Name	Parameter	Critical Sub-Building	Critical Segment	Start	End	Curvature	Max Slope	Max	Max	Min	
											Settlement	Tensile	Radius of	Radius
											Strain	Curvature		
							[m]	[m]			[mm]	[%]	[m]	[m]
0	Base Model	0	Mausoleum of Lord Dalziel of Wooler	Max Slope	Mau.1.4	2	0.30996	5.0130	None	252.70E-6	2.4757	0.026133	-	
- 0 (Negligible)				Max Settlement	Mau.1.1	1	0.0	4.5940	None	231.15E-6	2.4758	0.019429	-	
- 0 (Negligible)				Max Tensile Strain	Mau.1.4	1	0.0	0.30996	None	198.43E-6	1.4344	0.032810	-	
- 0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	
- -														
- 0 (Negligible)		0	Small Ticket Kiosk	Max Slope	STK.1.2	1	0.0	1.2936	None	254.06E-6	1.1709	0.015660	-	
- 0 (Negligible)				Max Settlement	STK.1.3	1	0.0	2.9875	None	30.222E-6	1.5179	754.49E-6	-	
- 0 (Negligible)				Max Tensile Strain	STK.1.2	3	2.6722	2.7520	None	233.99E-6	1.5178	0.052353	-	
- 1 (Very Slight)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	
- -														
- -		0	Mauselum 2	All vertical displacements are less than the limit sensitivity.										
- -				All vertical displacements are less than the limit sensitivity.										
- -				All vertical displacements are less than the limit sensitivity.										
- -				All vertical displacements are less than the limit sensitivity.										
- -		0	Mauselum 3	All vertical displacements are less than the limit sensitivity.										
- -				All vertical displacements are less than the limit sensitivity.										
- -				All vertical displacements are less than the limit sensitivity.										
- -				All vertical displacements are less than the limit sensitivity.										
- 0 (Negligible)		0	Highgate Chapel	Max Slope	HGC.9	1	0.0	4.6341	None	433.50E-6	4.1315	0.036598	-	
- 0 (Negligible)				Max Settlement	HGC.10	1	0.0	0.93096	None	300.22E-6	4.3476	0.0039080	-	
- 0 (Negligible)				Max Tensile Strain	HGC.9	1	0.0	4.6341	None	433.50E-6	4.1315	0.036598	-	
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	
- -														
- 1 (Very Slight)		0	81 Swain's Ln	Max Slope	81.SL.2	3	2.5681	6.1030	None	333.07E-6	2.4144	0.052498	-	
- 0 (Negligible)				Max Settlement	81.SL.3	1	0.0	2.2628	None	66.423E-6	2.4147	0.0011243	-	
- 0 (Negligible)				Max Tensile Strain	81.SL.2	3	2.5681	6.1030	None	333.07E-6	2.4144	0.052498	-	
- 1 (Very Slight)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	
- -														
- 0 (Negligible)		0	79 Swain's Ln	Max Slope	79.SL.1	3	16.886	18.369	None	189.22E-6	1.1201	0.0048917	-	
- 0 (Negligible)				Max Settlement	79.SL.2	1	0.0	1.5510	None	171.93E-6	1.1201	0.0044256	-	
- 0 (Negligible)				Max Tensile Strain	79.SL.1	3	16.886	18.369	None	189.22E-6	1.1201	0.0048917	-	
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	
- -														
- 0 (Negligible)		0	184 to 210 Oakeshott Ave	All vertical displacements are less than the limit sensitivity.										
- 0 (Negligible)				All vertical displacements are less than the limit sensitivity.										
- 0 (Negligible)				All vertical displacements are less than the limit sensitivity.										
- 0 (Negligible)				All vertical displacements are less than the limit sensitivity.										
- 0 (Negligible)		0	Existing Tunnel Wall Gardeners Compound	Max Slope	ETWGC.1	1	0.0	8.2840	Sagging	659.66E-6	7.4622	0.094259	-	
2715.4 2 (Slight)				Max Settlement	ETWGC.1	1	0.0	8.2840	Sagging	659.66E-6	7.4622	0.094259	-	
2715.4 2 (Slight)				Max Tensile Strain	ETWGC.1	1	0.0	8.2840	Sagging	659.66E-6	7.4622	0.094259	-	
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	
- -				Min Radius of Curvature (Sagging)	ETWGC.1	1	0.0	8.2840	Sagging	659.66E-6	7.4622	0.094259	-	
2715.4 2 (Slight)														
- 0 (Negligible)		0	Existing Tunnel Wall Highgate Chapel	Max Slope	ETWHGC.2	1	0.0	3.2310	None	169.99E-6	0.86427	151.60E-6	-	
- 0 (Negligible)				Max Settlement	ETWHGC.3	1	0.0	2.7940	None	114.82E-6	0.86441	285.78E-6	-	
- 0 (Negligible)				Max Tensile Strain	ETWHGC.3	1	0.0	2.7940	None	114.82E-6	0.86441	285.78E-6	-	
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	
- -														
- 1 (Very Slight)		0	Swain's Ln West Wall	Max Slope	SL.WW.2	1	0.0	4.4600	None	411.54E-6	3.1285	0.050203	-	
- 0 (Negligible)				Max Settlement	SL.WW.5	1	0.0	2.9949	None	189.31E-6	5.4485	0.0074350	-	
- 1 (Very Slight)				Max Tensile Strain	SL.WW.2	1	0.0	4.4600	None	411.54E-6	3.1285	0.050203	-	
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	
- -														
- 2 (Slight)		0	Swain's Ln East Wall	Max Slope	SL.EW.4	5	6.6269	8.6481	None	617.77E-6	7.0275	0.079127	-	

Oasys

Highgate Cemetery
B1

A-SQUARED STUDIO

ENGINEERS LTD

Job No.

3500

Drg. Ref.

Sheet No.

Checked

Rev.

Date

Made by

PES

Date

01-Nov-2024

Stage: Stage: Name Specific	Specific Building: Name	Parameter	Critical	Critical	Start	End	Curvature	Max Slope	Max	Max	Min	Min
Damage Category	Building:			Sub-Building Segment					Settlement	Tensile	Radius of	Radius
Ref.	of											
- 0 (Negligible)		Max Settlement	SL,EW.4	6	8.6481	10.822	None	506.42E-6	7.5921	0.039427	-	-
- 2 (Slight)		Max Tensile Strain	SL,EW.4	5	6.6269	8.6481	None	617.77E-6	7.0275	0.079127	-	-
- -		Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
- -		Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-

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C:\Users\matrix\A-squared Dropbox\A2 matrix\A2-projects-3001-4000\3500...\3500_B1.xdd

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Printed 05-Nov-2024

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A-SQUARED STUDIO

ENGINEERS LTD

Highgate Cemetery

B2

Job No.

3500

Drg. Ref.

Sheet No.

Checked

Rev.

Date

Made by

PES

01-Nov-2024

Date

01-Nov-2024

Date

Titles

Job No.: 3500

Job Title: Highgate Cemetery

Sub-title: B2

Calculation Heading:

Initials: PES

Checker:

Date Saved: 01-Nov-2024

Date Checked:

Notes:

File Name: 3500_B2.xdd

File Path: C:\Users\matr1\A-squared Dropbox\A2 matrix\A2-projects-3001-4000\3500 - Highgate Cemetery\03 - Calculations\3500_Xdisp\New folder

History

Date	Time	By	Notes
29-Oct-2024	16:37	matr1	New
29-Oct-2024	17:04	matr1	
29-Oct-2024	17:11	matr1	
30-Oct-2024	09:48	matr1	
30-Oct-2024	10:53	matr1	
30-Oct-2024	10:58	matr1	
30-Oct-2024	11:06	matr1	
31-Oct-2024	14:17	matr1	
31-Oct-2024	14:38	matr1	
31-Oct-2024	14:52	matr1	
31-Oct-2024	14:55	matr1	
31-Oct-2024	16:53	matr1	
01-Nov-2024	12:47	matr1	
01-Nov-2024	13:29	matr1	
01-Nov-2024	16:05	matr1	
01-Nov-2024	16:17	matr1	
05-Nov-2024	17:53	matr1	Open

Displacement Lines

Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface type for tunnels	Interpolate imported displacements	Calculate
		[m]	[m]	[m]	[m]	[m]	[m]	[No.]			
1	Mau.1.1	54.90000	46.85000	85.00000	59.38000	45.83000	85.00000	9	Surface	Yes	Yes
2	Mau.1.2	59.38000	45.83000	85.00000	60.56000	50.61000	85.00000	10	Surface	Yes	Yes
3	Mau.1.3	60.56000	50.61000	85.00000	56.17000	51.70000	85.00000	9	Surface	Yes	Yes
4	Mau.1.4	56.17000	51.70000	85.00000	54.90000	46.85000	85.00000	10	Surface	Yes	Yes
5	STK.1.1	35.76000	61.70000	85.00000	39.83000	61.17000	85.00000	8	Surface	Yes	Yes
6	STK.1.2	39.83000	61.17000	85.00000	39.48000	58.44000	85.00000	6	Surface	Yes	Yes
7	STK.1.3	39.48000	58.44000	85.00000	35.41000	58.96000	85.00000	8	Surface	Yes	Yes
8	STK.1.4	35.41000	58.96000	85.00000	35.76000	61.70000	85.00000	6	Surface	Yes	Yes
9	Mau.2.1	50.12000	72.10000	85.00000	49.58000	68.34000	85.00000	8	Surface	Yes	Yes
10	Mau.2.2	49.58000	68.34000	85.00000	45.96000	68.66000	85.00000	7	Surface	Yes	Yes
11	Mau.2.3	45.96000	68.66000	85.00000	46.41000	72.10000	85.00000	7	Surface	Yes	Yes
12	Mau.3.1	39.34000	72.10000	85.00000	38.88000	69.55000	85.00000	5	Surface	Yes	Yes
13	Mau.3.2	38.88000	69.55000	85.00000	36.56000	69.97000	85.00000	5	Surface	Yes	Yes
14	Mau.3.3	36.56000	69.97000	85.00000	36.88000	72.10000	85.00000	4	Surface	Yes	Yes
15	HGC.1	15.73000	72.10000	85.00000	14.08000	47.36000	85.00000	50	Surface	Yes	Yes
16	HGC.2	14.08000	47.36000	85.00000	7.51000	47.80000	85.00000	13	Surface	Yes	Yes
17	HGC.3	7.51000	47.80000	85.00000	9.90000	72.10000	85.00000	49	Surface	Yes	Yes
18	HGC.4	7.12000	43.02000	85.00000	9.76000	44.31000	85.00000	6	Surface	Yes	Yes
19	HGC.5	9.76000	44.31000	85.00000	11.79000	40.18000	85.00000	9	Surface	Yes	Yes
20	HGC.6	11.79000	40.18000	85.00000	9.00000	38.81000	85.00000	6	Surface	Yes	Yes
21	HGC.7	9.00000	38.81000	85.00000	7.12000	43.02000	85.00000	9	Surface	Yes	Yes
22	HGC.8	15.93000	41.05000	85.00000	19.40000	44.57000	85.00000	10	Surface	Yes	Yes
23	HGC.9	19.40000	44.57000	85.00000	23.06000	40.97000	85.00000	10	Surface	Yes	Yes
24	HGC.10	23.06000	40.97000	85.00000	19.59000	37.45000	85.00000	10	Surface	Yes	Yes
25	HGC.11	19.59000	37.45000	85.00000	15.93000	41.05000	85.00000	10	Surface	Yes	Yes
26	81.SL.1	12.32000	22.91000	85.00000	12.70000	33.28000	85.00000	21	Surface	Yes	Yes
27	81.SL.2	12.70000	33.28000	85.00000	18.80000	33.06000	85.00000	12	Surface	Yes	Yes
28	81.SL.3	18.80000	33.06000	85.00000	18.53000	22.49000	85.00000	21	Surface	Yes	Yes
29	81.SL.4	18.53000	22.49000	85.00000	12.32000	22.91000	85.00000	12	Surface	Yes	Yes
30	81.SL.5	2.99000	26.53000	85.00000	11.61000	26.22000	85.00000	17	Surface	Yes	Yes
31	81.SL.6	11.61000	26.22000	85.00000	11.43000	21.42000	85.00000	10	Surface	Yes	Yes
32	81.SL.7	11.43000	21.42000	85.00000	2.86000	21.60000	85.00000	17	Surface	Yes	Yes
33	81.SL.8	2.86000	21.60000	85.00000	2.99000	26.53000	85.00000	10	Surface	Yes	Yes
34	79.SL.1	0.00000	21.17000	85.00000	18.36000	20.59000	85.00000	37	Surface	Yes	Yes
35	79.SL.2	18.36000	20.59000	85.00000	17.81000	11.60000	85.00000	18	Surface	Yes	Yes
36	79.SL.3	17.81000	11.60000	85.00000	6.48000	12.29000	85.00000	23	Surface	Yes	Yes
37	79.SL.4	6.48000	12.29000	85.00000	6.49000	16.69000	85.00000	9	Surface	Yes	Yes
38	79.SL.5	6.49000	16.69000	85.00000	0.00000	16.93000	85.00000	13	Surface	Yes	Yes
39	184to210.OA.1	9.09000	0.00000	85.00000	8.76000	1.12000	85.00000	2	Surface	Yes	Yes
40	184to210.OA.2	8.76000	1.12000	85.00000	17.35000	3.65000	85.00000	18	Surface	Yes	Yes
41	184to210.OA.3	17.35000	3.65000	85.00000	18.48000	0.00000	85.00000	8	Surface	Yes	Yes
42	ETWGC.1	32.07000	36.91000	85.00000	23.82000	36.16000	85.00000	17	Surface	Yes	Yes
43	ETWGC.2	23.82000	36.16000	85.00000	23.77000	33.29000	85.00000	6	Surface	Yes	Yes
44	ETWGC.3	23.77000	33.29000	85.00000	32.35000	34.19000	85.00000	17	Surface	Yes	Yes
45	ETWHGC.1	9.58000	47.66000	85.00000	10.18000	43.67000	85.00000	8	Surface	Yes	Yes
46	ETWHGC.2	10.18000	43.67000	85.00000	13.24000	44.71000	85.00000	6	Surface	Yes	Yes
47	ETWHGC.3	13.24000	44.71000	85.00000	12.69000	47.45000	85.00000	6	Surface	Yes	Yes
48	SL.WW.1	14.54000	50.95000	85.00000	17.78000	46.45000	85.00000	11	Surface	Yes	Yes
49	SL.WW.2	17.78000	46.45000	85.00000	21.26000	43.66000	85.00000	2	Surface	Yes	Yes
50	SL.WW.3	21.26000	43.66000	85.00000	23.56000	40.39000	85.00000	8	Surface	Yes	Yes
51	SL.WW.4	23.56000	40.39000	85.00000	24.44000	36.80000	85.00000	7	Surface	Yes	Yes
52	SL.WW.5	24.44000	36.80000	85.00000	24.54000	21.82000	85.00000	30	Surface	Yes	Yes
53	SL.WW.6	24.54000	21.82000	85.00000	24.41000	10.10000	85.00000	24	Surface	Yes	Yes
54	SL.WW.7	24.41000	10.10000	85.00000	6.12000	10.68000	85.00000	27	Surface	Yes	Yes
55	SL.WW.8	6.12000	10.68000	85.00000	0.00000	9.20000	85.00000	13	Surface	Yes	Yes
56	SL.1	28.33000	72.10000	85.00000	26.23000	52.27000	85.00000	40	Surface	Yes	Yes
57	SL.2	26.23000	52.27000	85.00000	30.59000	0.00000	85.00000	105	Surface	Yes	Yes
58	SL.EW.1	32.748000	72.10000	85.00000	31.96000	65.93000	85.00000	12	Surface	Yes	Yes
59	SL.EW.2	31.96000	65.93000	85.00000	30.32000	52.89000	85.00000	21	Surface	Yes	Yes
60	SL.EW.3	30.32000	52.89000	85.00000	30.95000	44.60000	85.00000	17	Surface	Yes	Yes
61	SL.EW.4	31.22000	39.59000	85.00000	32.38000	28.83000	85.00000	22	Surface	Yes	Yes
62	SL.EW.5	32.65000	25.93000	85.00000	35.10000	0.00000	85.00000	52	Surface	Yes	Yes
63	EC.Rd.1	33.93000	64.68000	85.00000	61.19000	60.52000	85.00000	55	Surface	Yes	Yes
64	EC.Rd.2	61.19000	60.52000	85.00000	75.43000	56.35000	85.00000	30	Surface	Yes	Yes

Displacement Grids

Ref.	Name	Extrusion: Direction	Base line start:	Base line start:	Base line start:	Base line end:	Base line end:	Base line end:	Base line: Intervals	Extrusion: Distance	Extrusion: Intervals	Surface type for tunnels	Calculate
			X [m]	Y [m]	Z(level) [m]	X [m]	Y [m]	Z(level) [m]	[No.]	[m]	[No.]		
1	Grid 1	Global X	0.00000	0.00000	85.00000	-	72.10000	85.00000	100	75.43000	100	Surface	Yes

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Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD													Job No.	Sheet No.		Rev.
													3500			
													Drg. Ref.			
													Made by PES	Date 01-Nov-2024		Checked
Ref.	Name	Extrusion: Direction	Base line start: X	Base line start: Y	Base line start: Z (level)	Base line end: X	Base line end: Y	Base line end: Z (level)	Base line: Intervals	Extrusion: Distance	Extrusion: Intervals	Surface type for tunnels	Calculate			
Imported Displacements																
Set: Ref.	Set: Name		Result: Ref.		Coordinates: x [m]		Coordinates: Y [m]		Coordinates: z [m]		Displacements: x [mm]		Displacements: Y [mm]		Displacements: z [mm]	
1	3500 Pdisp (Long-term Loading).pdd - Immediate		1	54.90000		46.85000	85.00000		0.00000		0.00000		0.00000		0.05288 2,6	
			2	55.39778		46.73667	85.00000		0.00000		0.00000		0.00000		0.04631 2,6	
			3	55.89556		46.62333	85.00000		0.00000		0.00000		0.00000		0.04028 2,6	
			4	56.39333		46.51000	85.00000		0.00000		0.00000		0.00000		0.03475 2,6	
			5	56.89111		46.39667	85.00000		0.00000		0.00000		0.00000		0.02972 2,6	
			6	57.38889		46.28333	85.00000		0.00000		0.00000		0.00000		0.02513 2,6	
			7	57.88667		46.17000	85.00000		0.00000		0.00000		0.00000		0.02098 2,6	
			8	58.38444		46.05667	85.00000		0.00000		0.00000		0.00000		0.01721 2,6	
			9	58.88222		45.94333	85.00000		0.00000		0.00000		0.00000		0.01382 2,6	
			10	59.38000		45.83000	85.00000		0.00000		0.00000		0.00000		0.01076 2,6	
			11	59.49800		46.30800	85.00000		0.00000		0.00000		0.00000		0.00857 2,6	
			12	59.61600		46.78600	85.00000		0.00000		0.00000		0.00000		0.00653 2,6	
			13	59.73400		47.26400	85.00000		0.00000		0.00000		0.00000		0.00465 2,6	
			14	59.85200		47.74200	85.00000		0.00000		0.00000		0.00000		0.00292 2,6	
			15	59.97000		48.22000	85.00000		0.00000		0.00000		0.00000		0.00134 2,6	
			16	60.08800		48.69800	85.00000		0.00000		0.00000		0.00000		-0.00011 2,6	
			17	60.20600		49.17600	85.00000		0.00000		0.00000		0.00000		-0.00142 2,6	
			18	60.32400		49.65400	85.00000		0.00000		0.00000		0.00000		-0.00262 2,6	
			19	60.44200		50.13200	85.00000		0.00000		0.00000		0.00000		-0.00370 2,6	
			20	60.56000		50.61000	85.00000		0.00000		0.00000		0.00000		-0.00467 2,6	
			21	60.07222		50.73111	85.00000		0.00000		0.00000		0.00000		-0.00378 2,6	
			22	59.58444		50.85222	85.00000		0.00000		0.00000		0.00000		-0.00281 2,6	
			23	59.09667		50.97333	85.00000		0.00000		0.00000		0.00000		-0.00175 2,6	
			24	58.60889		51.09444	85.00000		0.00000		0.00000		0.00000		-0.00059 2,6	
			25	58.12111		51.21556	85.00000		0.00000		0.00000		0.00000		0.00066 2,6	
			26	57.63333		51.33667	85.00000		0.00000		0.00000		0.00000		0.00201 2,6	
			27	57.14556		51.45778	85.00000		0.00000		0.00000		0.00000		0.00346 2,6	
			28	56.65778		51.57889	85.00000		0.00000		0.00000		0.00000		0.00501 2,6	
			29	56.17000		51.70000	85.00000		0.00000		0.00000		0.00000		0.00666 2,6	
			30	56.04300		51.21500	85.00000		0.00000		0.00000		0.00000		0.00935 2,6	
			31	55.91600		50.73000	85.00000		0.00000		0.00000		0.00000		0.01237 2,6	
			32	55.78900		50.24500	85.00000		0.00000		0.00000		0.00000		0.01576 2,6	
			33	55.66200		49.76000	85.00000		0.00000		0.00000		0.00000		0.01954 2,6	
			34	55.53500		49.27500	85.00000		0.00000		0.00000		0.00000		0.02375 2,6	
			35	55.40800		48.79000	85.00000		0.00000		0.00000		0.00000		0.02845 2,6	
			36	55.28100		48.30500	85.00000		0.00000		0.00000		0.00000		0.03366 2,6	
			37	55.15400		47.82000	85.00000		0.00000		0.00000		0.00000		0.03944 2,6	
			38	55.02700		47.33500	85.00000		0.00000		0.00000		0.00000		0.04583 2,6	
			39	35.76000		61.70000	85.00000		0.00000		0.00000		0.00000		-0.00206 2,6	
			40	36.26875		61.63375	85.00000		0.00000		0.00000		0.00000		-0.00173 2,6	
			41	36.77750		61.56750	85.00000		0.00000		0.00000		0.00000		-0.00142 2,6	
			42	37.28625		61.50125	85.00000		0.00000		0.00000		0.00000		-0.00115 2,6	
			43	37.79500		61.43500	85.00000		0.00000		0.00000		0.00000		-0.00090 2,6	
			44	38.30375		61.36875	85.00000		0.00000		0.00000		0.00000		-0.00068 2,6	
			45	38.81250		61.30250	85.00000		0.00000		0.00000		0.00000		-0.00049 2,6	
			46	39.32125		61.23625	85.00000		0.00000		0.00000		0.00000		-0.00034 2,6	
			47	39.83000		61.17000	85.00000		0.00000		0.00000		0.00000		-0.00023 2,6	
			48	39.77167		60.71500	85.00000		0.00000		0.00000		0.00000		0.00171 2,6	
			49	39.71333		60.26000	85.00000		0.00000		0.00000		0.00000		0.00395 2,6	
			50	39.65500		59.80500	85.00000		0.00000		0.00000		0.00000		0.00651 2,6	
			51	39.59667		59.35000	85.00000		0.00000		0.00000		0.00000		0.00946 2,6	
			52	39.53833		58.89500	85.00000		0.00000		0.00000		0.00000		0.01283 2,6	
			53	39.48000		58.44000	85.00000		0.00000		0.00000		0.00000		0.01668 2,6	
			54	38.97125		58.50500	85.00000		0.00000		0.00000		0.00000		0.01641 2,6	
			55	38.46250		58.57000	85.00000		0.00000		0.00000		0.00000		0.01604 2,6	
			56	37.95375		58.63500	85.00000		0.00000		0.00000		0.00000		0.01558 2,6	
			57	37.44500		58.70000	85.00000		0.00000		0.00000		0.00000		0.01503 2,6	
			58	36.93625		58.76500	85.00000		0.00000		0.00000		0.00000		0.01441 2,6	
			59	36.42750		58.83000	85.00000		0.00000		0.00000		0.00000		0.01371 2,6	
			60	35.91875		58.89500	85.00000		0.00000		0.00000		0.00000		0.01295 2,6	
			61	35.41000		58.96000	85.00000		0.00000		0.00000		0.00000		0.01212 2,6	
			62	35.46833		59.41667	85.00000		0.00000		0.00000		0.00000		0.00890 2,6	
			63	35.52667		59.87333	85.00000		0.00000		0.00000		0.00000		0.00608 2,6	
			64	35.58500		60.33000	85.00000		0.00000		0.00000		0.00000		0.00361 2,6	
			65	35.64333		60.78667	85.00000		0.00000		0.00000		0.00000		0.00146 2,6	
			66	35.70167		61.24333	85.00000		0.00000		0.00000		0.00000		-0.00042 2,6	
			67	50.12000		72.10000	85.00000		0.00000		0.00000		0.00000		-0.00977 2,6	
			68	50.05250		71.63000	85.00000		0.00000		0.00000		0.00000		-0.00991 2,6	
			69	49.98500		71.16000	85.00000		0.00000		0.00000		0.00000		-0.01005 2,6	
			70	49.91750		70.69000	85.00000		0.00000		0.00000		0.00000		-0.01017 2,6	
			71	49.85000		70.22000	85.00000		0.00000		0.00000		0.00000		-0.01029 2,6	
			72	49.78250		69.75000	85.00000		0.00000		0.00000		0.00000		-0.01040 2,6	
			73	49.71500		69.28000	85.00000		0.00000		0.00000		0.00000		-0.01049 2,6	
			74	49.64750		68.81000	85.00000		0.00000		0.00000		0.00000		-0.01057 2,6	
			75	49.58000		68.34000	85.00000		0.00000		0.00000		0.00000		-0.01063 2,6	
			76	49.06286		68.38571	85.00000		0.00000		0.00000		0.00000		-0.01064 2,6	
			77	48.54571		68.43143	85.00000		0.00000		0.00000		0.00000		-0.01065 2,6	
			78	48.02857		68.47714	85.00000		0.00000		0.00000		0.00000		-0.01066 2,6	
			79	47.51143		68.52286	85.00000		0.00000		0.00000		0.00000		-0.01067 2,6	
			80	46.99429		68.56857	85.00000		0.00000		0.00000		0.00000		-0.01068 2,6	
			81	46.47714		68.61429	85.00000		0.00000		0.00000		0.00000		-0.01068 2,6	
			82	45.96000		68.66000	85.00000		0.00000		0.00000		0.00000		-0.01068 2,6	
			83	46.02429		69.15143	85.00000		0.00000		0.00000		0.00000		-0.01065 2,6	
			84	46.08857		69.64286	85.00000		0.00000		0.00000		0.00000		-0.01060 2,6	
			85	46.15286		70.13429	85.00000		0.00000		0.00000		0.00000		-0.01052 2,6	
			86	46.21714		70.62571	85.00000		0.00000		0.00000		0.00000		-0.01043 2,6	
			87	46.28143		71.11714	85.00000		0.00000		0.00000		0.00000		-0.01032 2,6	
			88	46.34571		71.60857	85.00000		0.00000		0.00000		0.00000		-0.01020 2,6	
			89	46.41000		72.10000	85.00000		0.00000		0.00000		0.00000		-0.01006 2,6	
			90	39.34000		72.10000	85.00000		0							



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		123	15.13600	63.19360	85.00000	0.00000	0.00000	-0.01030 2,6
		124	15.10300	62.69880	85.00000	0.00000	0.00000	-0.01036 2,6
		125	15.07000	62.20400	85.00000	0.00000	0.00000	-0.01040 2,6
		126	15.03700	61.70920	85.00000	0.00000	0.00000	-0.01044 2,6
		127	15.00400	61.21440	85.00000	0.00000	0.00000	-0.01047 2,6
		128	14.97100	60.71960	85.00000	0.00000	0.00000	-0.01048 2,6
		129	14.93800	60.22480	85.00000	0.00000	0.00000	-0.01047 2,6
		130	14.90500	59.73000	85.00000	0.00000	0.00000	-0.01046 2,6
		131	14.87200	59.23520	85.00000	0.00000	0.00000	-0.01042 2,6
		132	14.83900	58.74040	85.00000	0.00000	0.00000	-0.01037 2,6
		133	14.80600	58.24560	85.00000	0.00000	0.00000	-0.01031 2,6
		134	14.77300	57.75080	85.00000	0.00000	0.00000	-0.01022 2,6
		135	14.74000	57.25600	85.00000	0.00000	0.00000	-0.01011 2,6
		136	14.70700	56.76120	85.00000	0.00000	0.00000	-0.00999 2,6
		137	14.67400	56.26640	85.00000	0.00000	0.00000	-0.00984 2,6
		138	14.64100	55.77160	85.00000	0.00000	0.00000	-0.00967 2,6
		139	14.60800	55.27680	85.00000	0.00000	0.00000	-0.00948 2,6
		140	14.57500	54.78200	85.00000	0.00000	0.00000	-0.00927 2,6
		141	14.54200	54.28720	85.00000	0.00000	0.00000	-0.00903 2,6
		142	14.50900	53.79240	85.00000	0.00000	0.00000	-0.00877 2,6
		143	14.47600	53.29760	85.00000	0.00000	0.00000	-0.00849 2,6
		144	14.44300	52.80280	85.00000	0.00000	0.00000	-0.00818 2,6
		145	14.41000	52.30800	85.00000	0.00000	0.00000	-0.00785 2,6
		146	14.37700	51.81320	85.00000	0.00000	0.00000	-0.00750 2,6
		147	14.34400	51.31840	85.00000	0.00000	0.00000	-0.00712 2,6
		148	14.31100	50.82360	85.00000	0.00000	0.00000	-0.00673 2,6
		149	14.27800	50.32880	85.00000	0.00000	0.00000	-0.00631 2,6
		150	14.24500	49.83400	85.00000	0.00000	0.00000	-0.00587 2,6
		151	14.21200	49.33920	85.00000	0.00000	0.00000	-0.00542 2,6
		152	14.17900	48.84440	85.00000	0.00000	0.00000	-0.00496 2,6
		153	14.14600	48.34960	85.00000	0.00000	0.00000	-0.00448 2,6
		154	14.11300	47.85480	85.00000	0.00000	0.00000	-0.00399 2,6
		155	14.08000	47.36000	85.00000	0.00000	0.00000	-0.00349 2,6
		156	13.57462	47.39385	85.00000	0.00000	0.00000	-0.00475 2,6
		157	13.06923	47.42769	85.00000	0.00000	0.00000	-0.00583 2,6
		158	12.56385	47.46154	85.00000	0.00000	0.00000	-0.00675 2,6
		159	12.05846	47.49538	85.00000	0.00000	0.00000	-0.00753 2,6
		160	11.55308	47.52923	85.00000	0.00000	0.00000	-0.00818 2,6
		161	11.04769	47.56308	85.00000	0.00000	0.00000	-0.00873 2,6
		162	10.54231	47.59692	85.00000	0.00000	0.00000	-0.00918 2,6
		163	10.03692	47.63077	85.00000	0.00000	0.00000	-0.00954 2,6
		164	9.53154	47.66462	85.00000	0.00000	0.00000	-0.00984 2,6
		165	9.02615	47.69846	85.00000	0.00000	0.00000	-0.01006 2,6
		166	8.52077	47.73231	85.00000	0.00000	0.00000	-0.01024 2,6
		167	8.01538	47.76615	85.00000	0.00000	0.00000	-0.01036 2,6
		168	7.51000	47.80000	85.00000	0.00000	0.00000	-0.01043 2,6
		169	7.55878	48.29592	85.00000	0.00000	0.00000	-0.01045 2,6
		170	7.60755	48.79184	85.00000	0.00000	0.00000	-0.01046 2,6
		171	7.65633	49.28776	85.00000	0.00000	0.00000	-0.01047 2,6
		172	7.70510	49.78367	85.00000	0.00000	0.00000	-0.01047 2,6
		173	7.75388	50.27959	85.00000	0.00000	0.00000	-0.01048 2,6
		174	7.80265	50.77551	85.00000	0.00000	0.00000	-0.01048 2,6
		175	7.85143	51.27143	85.00000	0.00000	0.00000	-0.01047 2,6
		176	7.90020	51.76735	85.00000	0.00000	0.00000	-0.01046 2,6
		177	7.94898	52.26327	85.00000	0.00000	0.00000	-0.01045 2,6
		178	7.99776	52.75918	85.00000	0.00000	0.00000	-0.01044 2,6
		179	8.04653	53.25510	85.00000	0.00000	0.00000	-0.01042 2,6
		180	8.09531	53.75102	85.00000	0.00000	0.00000	-0.01039 2,6
		181	8.14408	54.24694	85.00000	0.00000	0.00000	-0.01037 2,6
		182	8.19286	54.74286	85.00000	0.00000	0.00000	-0.01033 2,6
		183	8.24163	55.23878	85.00000	0.00000	0.00000	-0.01030 2,6
		184	8.29041	55.73469	85.00000	0.00000	0.00000	-0.01026 2,6
		185	8.33918	56.23061	85.00000	0.00000	0.00000	-0.01021 2,6
		186	8.38796	56.72653	85.00000	0.00000	0.00000	-0.01016 2,6
		187	8.43673	57.22245	85.00000	0.00000	0.00000	-0.01011 2,6
		188	8.48551	57.71837	85.00000	0.00000	0.00000	-0.01005 2,6
		189	8.53429	58.21429	85.00000	0.00000	0.00000	-0.00998 2,6
		190	8.58306	58.71020	85.00000	0.00000	0.00000	-0.00992 2,6
		191	8.63184	59.20612	85.00000	0.00000	0.00000	-0.00985 2,6
		192	8.68061	59.70204	85.00000	0.00000	0.00000	-0.00977 2,6
		193	8.72939	60.19796	85.00000	0.00000	0.00000	-0.00969 2,6
		194	8.77816	60.69388	85.00000	0.00000	0.00000	-0.00961 2,6
		195	8.82694	61.18980	85.00000	0.00000	0.00000	-0.00953 2,6
		196	8.87571	61.68571	85.00000	0.00000	0.00000	-0.00944 2,6
		197	8.92449	62.18163	85.00000	0.00000	0.00000	-0.00935 2,6
		198	8.97327	62.67755	85.00000	0.00000	0.00000	-0.00926 2,6
		199	9.02204	63.17347	85.00000	0.00000	0.00000	-0.00916 2,6
		200	9.07082	63.66939	85.00000	0.00000	0.00000	-0.00906 2,6
		201	9.11959	64.16531	85.00000	0.00000	0.00000	-0.00896 2,6
		202	9.16837	64.66122	85.00000	0.00000	0.00000	-0.00886 2,6
		203	9.21714	65.15714	85.00000	0.00000	0.00000	-0.00876 2,6
		204	9.26592	65.65306	85.00000	0.00000	0.00000	-0.00865 2,6
		205	9.31469	66.14898	85.00000	0.00000	0.00000	-0.00854 2,6
		206	9.36347	66.64490	85.00000	0.00000	0.00000	-0.00844 2,6
		207	9.41224	67.14082	85.00000	0.00000	0.00000	-0.00833 2,6
		208	9.46102	67.63673	85.00000	0.00000	0.00000	-0.00822 2,6
		209	9.50980	68.13265	85.00000	0.00000	0.00000	-0.00811 2,6
		210	9.55857	68.62857	85.00000	0.00000	0.00000	-0.00800 2,6
		211	9.60735	69.12449	85.00000	0.00000	0.00000	-0.00789 2,6
		212	9.65612	69.62041	85.00000	0.00000	0.00000	-0.00777 2,6
		213	9.70490	70.11633	85.00000	0.00000	0.00000	-0.00766 2,6
		214	9.75367	70.61224	85.00000	0.00000	0.00000	-0.00755 2,6
		215	9.80245	71.10816	85.00000	0.00000	0.00000	-0.00744 2,6
		216	9.85122	71.60408	85.00000	0.00000	0.00000	-0.00733 2,6
		217	9.90000	72.10000	85.00000	0.00000	0.00000	-0.00722 2,6
		218	9.94878	72.59592	85.00000	0.00000	0.00000	-0.00710 2,6
		219	9.99756	73.09184	85.00000	0.00000	0.00000	-0.00699 2,6
		220	10.04633	73.58776	85.00000	0.00000	0.00000	-0.00688 2,6
		221	10.09511	74.08367	85.00000	0.00000	0.00000	-0.00677 2,6
		222	10.14388	74.57959	85.00000	0.00000	0.00000	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		253	17.66500	42.81000	85.00000	0.00000	0.00000	0.03004 2,6
		254	18.01200	43.16200	85.00000	0.00000	0.00000	0.03304 2,6
		255	18.35900	43.51400	85.00000	0.00000	0.00000	0.03610 2,6
		256	18.70600	43.86600	85.00000	0.00000	0.00000	0.03921 2,6
		257	19.05300	44.21800	85.00000	0.00000	0.00000	0.04235 2,6
		258	19.40000	44.57000	85.00000	0.00000	0.00000	0.04549 2,6
		259	19.76600	44.21000	85.00000	0.00000	0.00000	0.05444 2,6
		260	20.13200	43.85000	85.00000	0.00000	0.00000	0.06469 2,6
		261	20.49800	43.49000	85.00000	0.00000	0.00000	0.07642 2,6
		262	20.86400	43.13000	85.00000	0.00000	0.00000	0.08984 2,6
		263	21.23000	42.77000	85.00000	0.00000	0.00000	0.10519 2,6
		264	21.59600	42.41000	85.00000	0.00000	0.00000	0.12271 2,6
		265	21.96200	42.05000	85.00000	0.00000	0.00000	0.14271 2,6
		266	22.32800	41.69000	85.00000	0.00000	0.00000	0.16553 2,6
		267	22.69400	41.33000	85.00000	0.00000	0.00000	0.19153 2,6
		268	23.06000	40.97000	85.00000	0.00000	0.00000	0.22113 2,6
		269	22.71300	40.61800	85.00000	0.00000	0.00000	0.20473 2,6
		270	22.36600	40.26600	85.00000	0.00000	0.00000	0.18883 2,6
		271	22.01900	39.91400	85.00000	0.00000	0.00000	0.17354 2,6
		272	21.67200	39.56200	85.00000	0.00000	0.00000	0.15892 2,6
		273	21.32500	39.21000	85.00000	0.00000	0.00000	0.14502 2,6
		274	20.97800	38.85800	85.00000	0.00000	0.00000	0.13187 2,6
		275	20.63100	38.50600	85.00000	0.00000	0.00000	0.11949 2,6
		276	20.28400	38.15400	85.00000	0.00000	0.00000	0.10788 2,6
		277	19.93700	37.80200	85.00000	0.00000	0.00000	0.09705 2,6
		278	19.59000	37.45000	85.00000	0.00000	0.00000	0.08696 2,6
		279	19.22400	37.81000	85.00000	0.00000	0.00000	0.07618 2,6
		280	18.85800	38.17000	85.00000	0.00000	0.00000	0.06642 2,6
		281	18.49200	38.53000	85.00000	0.00000	0.00000	0.05760 2,6
		282	18.12600	38.89000	85.00000	0.00000	0.00000	0.04965 2,6
		283	17.76000	39.25000	85.00000	0.00000	0.00000	0.04249 2,6
		284	17.39400	39.61000	85.00000	0.00000	0.00000	0.03607 2,6
		285	17.02800	39.97000	85.00000	0.00000	0.00000	0.03033 2,6
		286	16.66200	40.33000	85.00000	0.00000	0.00000	0.02519 2,6
		287	16.29600	40.69000	85.00000	0.00000	0.00000	0.02061 2,6
		288	12.32000	22.91000	85.00000	0.00000	0.00000	-0.00868 2,6
		289	12.33810	23.40381	85.00000	0.00000	0.00000	-0.00841 2,6
		290	12.35619	23.89762	85.00000	0.00000	0.00000	-0.00811 2,6
		291	12.37429	24.39143	85.00000	0.00000	0.00000	-0.00780 2,6
		292	12.39238	24.88524	85.00000	0.00000	0.00000	-0.00746 2,6
		293	12.41048	25.37905	85.00000	0.00000	0.00000	-0.00712 2,6
		294	12.42857	25.87286	85.00000	0.00000	0.00000	-0.00676 2,6
		295	12.44667	26.36667	85.00000	0.00000	0.00000	-0.00638 2,6
		296	12.46476	26.86048	85.00000	0.00000	0.00000	-0.00600 2,6
		297	12.48286	27.35429	85.00000	0.00000	0.00000	-0.00560 2,6
		298	12.50095	27.84810	85.00000	0.00000	0.00000	-0.00520 2,6
		299	12.51905	28.34190	85.00000	0.00000	0.00000	-0.00480 2,6
		300	12.53714	28.83571	85.00000	0.00000	0.00000	-0.00439 2,6
		301	12.55524	29.32952	85.00000	0.00000	0.00000	-0.00398 2,6
		302	12.57333	29.82333	85.00000	0.00000	0.00000	-0.00358 2,6
		303	12.59143	30.31714	85.00000	0.00000	0.00000	-0.00318 2,6
		304	12.60952	30.81095	85.00000	0.00000	0.00000	-0.00279 2,6
		305	12.62762	31.30476	85.00000	0.00000	0.00000	-0.00241 2,6
		306	12.64571	31.79857	85.00000	0.00000	0.00000	-0.00205 2,6
		307	12.66381	32.29238	85.00000	0.00000	0.00000	-0.00170 2,6
		308	12.68190	32.78619	85.00000	0.00000	0.00000	-0.00138 2,6
		309	12.70000	33.28000	85.00000	0.00000	0.00000	-0.00108 2,6
		310	13.20833	33.26167	85.00000	0.00000	0.00000	0.00090 2,6
		311	13.71667	33.24333	85.00000	0.00000	0.00000	0.00322 2,6
		312	14.22500	33.22500	85.00000	0.00000	0.00000	0.00591 2,6
		313	14.73333	33.20667	85.00000	0.00000	0.00000	0.00903 2,6
		314	15.24167	33.18833	85.00000	0.00000	0.00000	0.01266 2,6
		315	15.75000	33.17000	85.00000	0.00000	0.00000	0.01686 2,6
		316	16.25833	33.15167	85.00000	0.00000	0.00000	0.02173 2,6
		317	16.76667	33.13333	85.00000	0.00000	0.00000	0.02736 2,6
		318	17.27500	33.11500	85.00000	0.00000	0.00000	0.03387 2,6
		319	17.78333	33.09667	85.00000	0.00000	0.00000	0.04140 2,6
		320	18.29167	33.07833	85.00000	0.00000	0.00000	0.05009 2,6
		321	18.80000	33.06000	85.00000	0.00000	0.00000	0.06014 2,6
		322	18.78714	32.55667	85.00000	0.00000	0.00000	0.05793 2,6
		323	18.77429	32.05333	85.00000	0.00000	0.00000	0.05554 2,6
		324	18.76143	31.55000	85.00000	0.00000	0.00000	0.05300 2,6
		325	18.74857	31.04667	85.00000	0.00000	0.00000	0.05033 2,6
		326	18.73571	30.54333	85.00000	0.00000	0.00000	0.04755 2,6
		327	18.72286	30.04000	85.00000	0.00000	0.00000	0.04471 2,6
		328	18.71000	29.53667	85.00000	0.00000	0.00000	0.04181 2,6
		329	18.69714	29.03333	85.00000	0.00000	0.00000	0.03888 2,6
		330	18.68429	28.53000	85.00000	0.00000	0.00000	0.03595 2,6
		331	18.67143	28.02667	85.00000	0.00000	0.00000	0.03304 2,6
		332	18.65857	27.52333	85.00000	0.00000	0.00000	0.03017 2,6
		333	18.64571	27.02000	85.00000	0.00000	0.00000	0.02735 2,6
		334	18.63286	26.51667	85.00000	0.00000	0.00000	0.02460 2,6
		335	18.62000	26.01333	85.00000	0.00000	0.00000	0.02193 2,6
		336	18.60714	25.51000	85.00000	0.00000	0.00000	0.01936 2,6
		337	18.59429	25.00667	85.00000	0.00000	0.00000	0.01690 2,6
		338	18.58143	24.50333	85.00000	0.00000	0.00000	0.01454 2,6
		339	18.56857	24.00000	85.00000	0.00000	0.00000	0.01231 2,6
		340	18.55571	23.49667	85.00000	0.00000	0.00000	0.01019 2,6
		341	18.54286	22.99333	85.00000	0.00000	0.00000	0.00820 2,6
		342	18.53000	22.49000	85.00000	0.00000	0.00000	0.00633 2,6
		343	18.01250	22.52500	85.00000	0.00000	0.00000	0.00408 2,6
		344	17.49500	22.56000	85.00000	0.00000	0.00000	0.00207 2,6
		345	16.97750	22.59500	85.00000	0.00000	0.00000	0.00027 2,6
		346	16.46000	22.63000	85.00000	0.00000	0.00000	-0.00132 2,6
		347	15.94250	22.66500	85.00000	0.00000	0.00000	-0.00273 2,6
		348	15.42500	22.70000	85.00000	0.00000	0.00000	-0.00397 2,6
		349	14.90750	22.73500	85.00000	0.00000	0.00000	-0.00506 2,6
		350	14.39000	22.77000	85.00000	0.00000	0.00000	-0.00601 2,6
		351	13.87250	22.80500	85.00000	0.00000	0.00000	-0.00683 2,6
		352	13.35					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		383	10.42176	21.44118	85.00000	0.00000	0.00000	-0.01027 2,6
		384	9.91765	21.45176	85.00000	0.00000	0.00000	-0.01039 2,6
		385	9.41353	21.46235	85.00000	0.00000	0.00000	-0.01048 2,6
		386	8.90941	21.47294	85.00000	0.00000	0.00000	-0.01053 2,6
		387	8.40529	21.48353	85.00000	0.00000	0.00000	-0.01056 2,6
		388	7.90118	21.49412	85.00000	0.00000	0.00000	-0.01056 2,6
		389	7.39706	21.50471	85.00000	0.00000	0.00000	-0.01053 2,6
		390	6.89294	21.51529	85.00000	0.00000	0.00000	-0.01049 2,6
		391	6.38882	21.52588	85.00000	0.00000	0.00000	-0.01042 2,6
		392	5.88471	21.53647	85.00000	0.00000	0.00000	-0.01035 2,6
		393	5.38059	21.54706	85.00000	0.00000	0.00000	-0.01025 2,6
		394	4.87647	21.55765	85.00000	0.00000	0.00000	-0.01015 2,6
		395	4.37235	21.56824	85.00000	0.00000	0.00000	-0.01003 2,6
		396	3.86824	21.57882	85.00000	0.00000	0.00000	-0.00991 2,6
		397	3.36412	21.58941	85.00000	0.00000	0.00000	-0.00978 2,6
		398	2.86000	21.60000	85.00000	0.00000	0.00000	-0.00964 2,6
		399	2.87300	22.09300	85.00000	0.00000	0.00000	-0.00970 2,6
		400	2.88600	22.58600	85.00000	0.00000	0.00000	-0.00976 2,6
		401	2.89900	23.07900	85.00000	0.00000	0.00000	-0.00981 2,6
		402	2.91200	23.57200	85.00000	0.00000	0.00000	-0.00986 2,6
		403	2.92500	24.06500	85.00000	0.00000	0.00000	-0.00991 2,6
		404	2.93800	24.55800	85.00000	0.00000	0.00000	-0.00996 2,6
		405	2.95100	25.05100	85.00000	0.00000	0.00000	-0.01000 2,6
		406	2.96400	25.54400	85.00000	0.00000	0.00000	-0.01004 2,6
		407	2.97700	26.03700	85.00000	0.00000	0.00000	-0.01008 2,6
		408	0.00000	21.17000	85.00000	0.00000	0.00000	-0.00873 2,6
		409	0.49622	21.15432	85.00000	0.00000	0.00000	-0.00889 2,6
		410	0.99243	21.13865	85.00000	0.00000	0.00000	-0.00904 2,6
		411	1.48865	21.12297	85.00000	0.00000	0.00000	-0.00918 2,6
		412	1.98486	21.10730	85.00000	0.00000	0.00000	-0.00933 2,6
		413	2.48108	21.09162	85.00000	0.00000	0.00000	-0.00947 2,6
		414	2.97730	21.07595	85.00000	0.00000	0.00000	-0.00961 2,6
		415	3.47351	21.06027	85.00000	0.00000	0.00000	-0.00975 2,6
		416	3.96973	21.04459	85.00000	0.00000	0.00000	-0.00988 2,6
		417	4.46595	21.02892	85.00000	0.00000	0.00000	-0.01000 2,6
		418	4.96216	21.01324	85.00000	0.00000	0.00000	-0.01011 2,6
		419	5.45838	20.99757	85.00000	0.00000	0.00000	-0.01022 2,6
		420	5.95459	20.98189	85.00000	0.00000	0.00000	-0.01031 2,6
		421	6.45081	20.96622	85.00000	0.00000	0.00000	-0.01039 2,6
		422	6.94703	20.95054	85.00000	0.00000	0.00000	-0.01046 2,6
		423	7.44324	20.93486	85.00000	0.00000	0.00000	-0.01052 2,6
		424	7.93946	20.91919	85.00000	0.00000	0.00000	-0.01055 2,6
		425	8.43568	20.90351	85.00000	0.00000	0.00000	-0.01056 2,6
		426	8.93189	20.88784	85.00000	0.00000	0.00000	-0.01055 2,6
		427	9.42811	20.87216	85.00000	0.00000	0.00000	-0.01052 2,6
		428	9.92432	20.85649	85.00000	0.00000	0.00000	-0.01045 2,6
		429	10.42054	20.84081	85.00000	0.00000	0.00000	-0.01036 2,6
		430	10.91676	20.82514	85.00000	0.00000	0.00000	-0.01022 2,6
		431	11.41297	20.80946	85.00000	0.00000	0.00000	-0.01005 2,6
		432	11.90919	20.79378	85.00000	0.00000	0.00000	-0.00983 2,6
		433	12.40541	20.77811	85.00000	0.00000	0.00000	-0.00961 2,6
		434	12.90162	20.76243	85.00000	0.00000	0.00000	-0.00924 2,6
		435	13.39784	20.74676	85.00000	0.00000	0.00000	-0.00885 2,6
		436	13.89405	20.73108	85.00000	0.00000	0.00000	-0.00840 2,6
		437	14.39027	20.71541	85.00000	0.00000	0.00000	-0.00787 2,6
		438	14.88649	20.69973	85.00000	0.00000	0.00000	-0.00726 2,6
		439	15.38270	20.68405	85.00000	0.00000	0.00000	-0.00657 2,6
		440	15.87892	20.66838	85.00000	0.00000	0.00000	-0.00577 2,6
		441	16.37514	20.65270	85.00000	0.00000	0.00000	-0.00487 2,6
		442	16.87135	20.63703	85.00000	0.00000	0.00000	-0.00386 2,6
		443	17.36757	20.62135	85.00000	0.00000	0.00000	-0.00271 2,6
		444	17.86378	20.60568	85.00000	0.00000	0.00000	-0.00144 2,6
		445	18.36000	20.59000	85.00000	0.00000	0.00000	-0.00001 2,6
		446	18.32944	20.09056	85.00000	0.00000	0.00000	-0.00131 2,6
		447	18.29889	19.59111	85.00000	0.00000	0.00000	-0.00249 2,6
		448	18.26833	19.09167	85.00000	0.00000	0.00000	-0.00356 2,6
		449	18.23778	18.59222	85.00000	0.00000	0.00000	-0.00454 2,6
		450	18.20722	18.09278	85.00000	0.00000	0.00000	-0.00541 2,6
		451	18.17667	17.59333	85.00000	0.00000	0.00000	-0.00619 2,6
		452	18.14611	17.09389	85.00000	0.00000	0.00000	-0.00689 2,6
		453	18.11556	16.59444	85.00000	0.00000	0.00000	-0.00751 2,6
		454	18.08500	16.09500	85.00000	0.00000	0.00000	-0.00806 2,6
		455	18.05444	15.59556	85.00000	0.00000	0.00000	-0.00854 2,6
		456	18.02389	15.09611	85.00000	0.00000	0.00000	-0.00896 2,6
		457	17.99333	14.59667	85.00000	0.00000	0.00000	-0.00931 2,6
		458	17.96278	14.09722	85.00000	0.00000	0.00000	-0.00962 2,6
		459	17.93222	13.59778	85.00000	0.00000	0.00000	-0.00988 2,6
		460	17.90167	13.09833	85.00000	0.00000	0.00000	-0.01009 2,6
		461	17.87111	12.59889	85.00000	0.00000	0.00000	-0.01026 2,6
		462	17.84056	12.09944	85.00000	0.00000	0.00000	-0.01039 2,6
		463	17.81000	11.60000	85.00000	0.00000	0.00000	-0.01049 2,6
		464	17.31739	11.63000	85.00000	0.00000	0.00000	-0.01054 2,6
		465	16.82478	11.66000	85.00000	0.00000	0.00000	-0.01058 2,6
		466	16.33217	11.69000	85.00000	0.00000	0.00000	-0.01060 2,6
		467	15.83957	11.72000	85.00000	0.00000	0.00000	-0.01061 2,6
		468	15.34696	11.75000	85.00000	0.00000	0.00000	-0.01061 2,6
		469	14.85435	11.78000	85.00000	0.00000	0.00000	-0.01059 2,6
		470	14.36174	11.81000	85.00000	0.00000	0.00000	-0.01057 2,6
		471	13.86913	11.84000	85.00000	0.00000	0.00000	-0.01053 2,6
		472	13.37652	11.87000	85.00000	0.00000	0.00000	-0.01049 2,6
		473	12.88391	11.90000	85.00000	0.00000	0.00000	-0.01043 2,6
		474	12.39130	11.93000	85.00000	0.00000	0.00000	-0.01037 2,6
		475	11.89870	11.96000	85.00000	0.00000	0.00000	-0.01030 2,6
		476	11.40609	11.99000	85.00000	0.00000	0.00000	-0.01022 2,6
		477	10.91348	12.02000	85.00000	0.00000	0.00000	-0.01014 2,6
		478	10.42087	12.05000	85.00000	0.00000	0.00000	-0.01005 2,6
		479	9.92826	12.08000	85.00000	0.00000	0.00000	-0.00996 2,6
		480	9.43565	12.11000	85.00000	0.00000	0.00000	-0.00985 2,6
		481	8.94304	12.14000	85.00000	0.00000	0	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		513	9.71444	1.40111	85.00000	0.00000	0.00000	-0.00743 2,6
		514	10.19167	1.54167	85.00000	0.00000	0.00000	-0.00756 2,6
		515	10.66889	1.68222	85.00000	0.00000	0.00000	-0.00770 2,6
		516	11.14611	1.82278	85.00000	0.00000	0.00000	-0.00783 2,6
		517	11.62333	1.96333	85.00000	0.00000	0.00000	-0.00796 2,6
		518	12.10056	2.10389	85.00000	0.00000	0.00000	-0.00809 2,6
		519	12.57778	2.24444	85.00000	0.00000	0.00000	-0.00823 2,6
		520	13.05500	2.38500	85.00000	0.00000	0.00000	-0.00836 2,6
		521	13.53222	2.52556	85.00000	0.00000	0.00000	-0.00849 2,6
		522	14.00944	2.66611	85.00000	0.00000	0.00000	-0.00862 2,6
		523	14.48667	2.80667	85.00000	0.00000	0.00000	-0.00876 2,6
		524	14.96389	2.94722	85.00000	0.00000	0.00000	-0.00889 2,6
		525	15.44111	3.08778	85.00000	0.00000	0.00000	-0.00902 2,6
		526	15.91833	3.22833	85.00000	0.00000	0.00000	-0.00915 2,6
		527	16.39556	3.36889	85.00000	0.00000	0.00000	-0.00927 2,6
		528	16.87278	3.50944	85.00000	0.00000	0.00000	-0.00940 2,6
		529	17.35000	3.65000	85.00000	0.00000	0.00000	-0.00952 2,6
		530	17.82722	3.79056	85.00000	0.00000	0.00000	-0.00965 2,6
		531	17.63250	2.73750	85.00000	0.00000	0.00000	-0.00932 2,6
		532	17.77375	2.28125	85.00000	0.00000	0.00000	-0.00921 2,6
		533	17.91500	1.82500	85.00000	0.00000	0.00000	-0.00911 2,6
		534	18.05625	1.36875	85.00000	0.00000	0.00000	-0.00900 2,6
		535	18.19750	0.91250	85.00000	0.00000	0.00000	-0.00889 2,6
		536	18.33875	0.45625	85.00000	0.00000	0.00000	-0.00878 2,6
		537	18.48000	0.00000	85.00000	0.00000	0.00000	-0.00867 2,6
		538	32.07000	36.81000	85.00000	0.00000	0.00000	-0.00929 2,6
		539	31.58471	36.86588	85.00000	0.00000	0.00000	5.16322 2,6
		540	31.09941	36.82176	85.00000	0.00000	0.00000	4.70839 2,6
		541	30.61412	36.77765	85.00000	0.00000	0.00000	4.03813 2,6
		542	30.12882	36.73353	85.00000	0.00000	0.00000	2.93609 2,6
		543	29.64353	36.68941	85.00000	0.00000	0.00000	2.36738 2,6
		544	29.15824	36.64529	85.00000	0.00000	0.00000	1.95567 2,6
		545	28.67294	36.60118	85.00000	0.00000	0.00000	1.63625 2,6
		546	28.18765	36.55706	85.00000	0.00000	0.00000	1.37989 2,6
		547	27.70235	36.51294	85.00000	0.00000	0.00000	1.17001 2,6
		548	27.21706	36.46882	85.00000	0.00000	0.00000	0.99595 2,6
		549	26.73176	36.42471	85.00000	0.00000	0.00000	0.85024 2,6
		550	26.24647	36.38059	85.00000	0.00000	0.00000	0.72744 2,6
		551	25.76118	36.33647	85.00000	0.00000	0.00000	0.62340 2,6
		552	25.27588	36.29235	85.00000	0.00000	0.00000	0.54487 2,6
		553	24.79059	36.24824	85.00000	0.00000	0.00000	0.45931 2,6
		554	24.30529	36.20412	85.00000	0.00000	0.00000	0.39462 2,6
		555	23.82000	36.16000	85.00000	0.00000	0.00000	0.33912 2,6
		556	23.81167	35.68167	85.00000	0.00000	0.00000	0.33627 2,6
		557	23.80333	35.20333	85.00000	0.00000	0.00000	0.31197 2,6
		558	23.79500	34.72500	85.00000	0.00000	0.00000	0.32629 2,6
		559	23.78667	34.24667	85.00000	0.00000	0.00000	0.31929 2,6
		560	23.77833	33.76833	85.00000	0.00000	0.00000	0.31108 2,6
		561	23.77000	33.29000	85.00000	0.00000	0.00000	0.30176 2,6
		562	24.27471	33.34941	85.00000	0.00000	0.00000	0.30333 2,6
		563	24.77941	33.39588	85.00000	0.00000	0.00000	0.41375 2,6
		564	25.28412	33.44882	85.00000	0.00000	0.00000	0.48468 2,6
		565	25.78882	33.50176	85.00000	0.00000	0.00000	0.56820 2,6
		566	26.29353	33.55471	85.00000	0.00000	0.00000	0.66685 2,6
		567	26.79824	33.60765	85.00000	0.00000	0.00000	0.78389 2,6
		568	27.30294	33.66059	85.00000	0.00000	0.00000	0.92347 2,6
		569	27.80765	33.71353	85.00000	0.00000	0.00000	1.09107 2,6
		570	28.31235	33.76647	85.00000	0.00000	0.00000	1.29418 2,6
		571	28.81706	33.81941	85.00000	0.00000	0.00000	1.54350 2,6
		572	29.32176	33.87235	85.00000	0.00000	0.00000	1.85549 2,6
		573	29.82647	33.92529	85.00000	0.00000	0.00000	2.25882 2,6
		574	30.33118	33.97824	85.00000	0.00000	0.00000	2.81537 2,6
		575	30.83588	34.03118	85.00000	0.00000	0.00000	3.91005 2,6
		576	31.34059	34.08412	85.00000	0.00000	0.00000	4.64223 2,6
		577	31.84529	34.13706	85.00000	0.00000	0.00000	5.11683 2,6
		578	32.35000	34.19000	85.00000	0.00000	0.00000	5.46154 2,6
		579	9.58000	47.66000	85.00000	0.00000	0.00000	-0.00981 2,6
		580	9.65500	47.16125	85.00000	0.00000	0.00000	-0.00967 2,6
		581	9.73000	46.66250	85.00000	0.00000	0.00000	-0.00951 2,6
		582	9.80500	46.16375	85.00000	0.00000	0.00000	-0.00934 2,6
		583	9.88000	45.66500	85.00000	0.00000	0.00000	-0.00915 2,6
		584	9.95500	45.16625	85.00000	0.00000	0.00000	-0.00895 2,6
		585	10.03000	44.66750	85.00000	0.00000	0.00000	-0.00874 2,6
		586	10.10500	44.16875	85.00000	0.00000	0.00000	-0.00852 2,6
		587	10.18000	43.67000	85.00000	0.00000	0.00000	-0.00829 2,6
		588	10.69000	43.84333	85.00000	0.00000	0.00000	-0.00770 2,6
		589	11.20000	44.01667	85.00000	0.00000	0.00000	-0.00700 2,6
		590	11.71000	44.19000	85.00000	0.00000	0.00000	-0.00619 2,6
		591	12.22000	44.36333	85.00000	0.00000	0.00000	-0.00526 2,6
		592	12.73000	44.53667	85.00000	0.00000	0.00000	-0.00419 2,6
		593	13.24000	44.71000	85.00000	0.00000	0.00000	-0.00296 2,6
		594	13.74833	44.88333	85.00000	0.00000	0.00000	-0.00364 2,6
		595	13.05667	45.62333	85.00000	0.00000	0.00000	-0.00429 2,6
		596	12.96500	46.08000	85.00000	0.00000	0.00000	-0.00490 2,6
		597	12.87333	46.53667	85.00000	0.00000	0.00000	-0.00548 2,6
		598	12.78167	46.99333	85.00000	0.00000	0.00000	-0.00602 2,6
		599	12.69000	47.45000	85.00000	0.00000	0.00000	-0.00653 2,6
		600	14.54000	50.95000	85.00000	0.00000	0.00000	-0.00649 2,6
		601	14.83455	50.54091	85.00000	0.00000	0.00000	-0.00555 2,6
		602	15.12909	50.13182	85.00000	0.00000	0.00000	-0.00446 2,6
		603	15.42364	49.72273	85.00000	0.00000	0.00000	-0.00319 2,6
		604	15.71818	49.31364	85.00000	0.00000	0.00000	-0.00172 2,6
		605	16.01273	48.90455	85.00000	0.00000	0.00000	-0.00003 2,6
		606	16.30727	48.49545	85.00000	0.00000	0.00000	0.00192 2,6
		607	16.60182	48.08636	85.00000	0.00000	0.00000	0.00415 2,6
		608	16.89636	47.67727	85.00000	0.00000	0.00000	0.00670 2,6
		609	17.19091	47.26818	85.00000	0.00000	0.00000	0.00960 2,6
		610	17.48545	46.85909	85.00000	0.00000	0.00000	0.01291 2,6
		611	17.78000	46.45000	85.00000	0.00000	0.00000	0.01667 2,6
		612	18.16667	46.14000	85.00000			



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		643	24.46667	32.80533	85.00000	0.00000	0.00000	0.36098 2,6
		644	24.47000	32.30600	85.00000	0.00000	0.00000	0.34724 2,6
		645	24.47333	31.80667	85.00000	0.00000	0.00000	0.33236 2,6
		646	24.47667	31.30733	85.00000	0.00000	0.00000	0.31654 2,6
		647	24.48000	30.80800	85.00000	0.00000	0.00000	0.29998 2,6
		648	24.48333	30.30867	85.00000	0.00000	0.00000	0.28289 2,6
		649	24.48667	29.80933	85.00000	0.00000	0.00000	0.26548 2,6
		650	24.49000	29.31000	85.00000	0.00000	0.00000	0.24797 2,6
		651	24.49333	28.81067	85.00000	0.00000	0.00000	0.23054 2,6
		652	24.49667	28.31133	85.00000	0.00000	0.00000	0.21338 2,6
		653	24.50000	27.81200	85.00000	0.00000	0.00000	0.19662 2,6
		654	24.50333	27.31267	85.00000	0.00000	0.00000	0.18041 2,6
		655	24.50667	26.81333	85.00000	0.00000	0.00000	0.16485 2,6
		656	24.51000	26.31400	85.00000	0.00000	0.00000	0.15001 2,6
		657	24.51333	25.81467	85.00000	0.00000	0.00000	0.13597 2,6
		658	24.51667	25.31533	85.00000	0.00000	0.00000	0.12274 2,6
		659	24.52000	24.81600	85.00000	0.00000	0.00000	0.11036 2,6
		660	24.52333	24.31667	85.00000	0.00000	0.00000	0.09883 2,6
		661	24.52667	23.81733	85.00000	0.00000	0.00000	0.08813 2,6
		662	24.53000	23.31800	85.00000	0.00000	0.00000	0.07824 2,6
		663	24.53333	22.81867	85.00000	0.00000	0.00000	0.06914 2,6
		664	24.53667	22.31933	85.00000	0.00000	0.00000	0.06080 2,6
		665	24.54000	21.82000	85.00000	0.00000	0.00000	0.05316 2,6
		666	24.53458	21.32750	85.00000	0.00000	0.00000	0.04620 2,6
		667	24.52917	20.83500	85.00000	0.00000	0.00000	0.03987 2,6
		668	24.52375	20.34250	85.00000	0.00000	0.00000	0.03413 2,6
		669	24.51833	19.85000	85.00000	0.00000	0.00000	0.02895 2,6
		670	24.51292	19.35750	85.00000	0.00000	0.00000	0.02428 2,6
		671	24.50750	18.86500	85.00000	0.00000	0.00000	0.02007 2,6
		672	24.50208	18.37250	85.00000	0.00000	0.00000	0.01629 2,6
		673	24.49667	17.88000	85.00000	0.00000	0.00000	0.01290 2,6
		674	24.49125	17.38750	85.00000	0.00000	0.00000	0.00987 2,6
		675	24.48583	16.89500	85.00000	0.00000	0.00000	0.00717 2,6
		676	24.48042	16.40250	85.00000	0.00000	0.00000	0.00476 2,6
		677	24.47500	15.91000	85.00000	0.00000	0.00000	0.00262 2,6
		678	24.46958	15.41750	85.00000	0.00000	0.00000	0.00072 2,6
		679	24.46417	14.92500	85.00000	0.00000	0.00000	-0.00095 2,6
		680	24.45875	14.43250	85.00000	0.00000	0.00000	-0.00243 2,6
		681	24.45333	13.94000	85.00000	0.00000	0.00000	-0.00373 2,6
		682	24.44792	13.44750	85.00000	0.00000	0.00000	-0.00487 2,6
		683	24.44250	12.95500	85.00000	0.00000	0.00000	-0.00586 2,6
		684	24.43708	12.46250	85.00000	0.00000	0.00000	-0.00672 2,6
		685	24.43167	11.97000	85.00000	0.00000	0.00000	-0.00747 2,6
		686	24.42625	11.47750	85.00000	0.00000	0.00000	-0.00810 2,6
		687	24.42083	10.98500	85.00000	0.00000	0.00000	-0.00865 2,6
		688	24.41542	10.49250	85.00000	0.00000	0.00000	-0.00911 2,6
		689	24.41000	10.00000	85.00000	0.00000	0.00000	-0.00949 2,6
		690	23.91568	10.01838	85.00000	0.00000	0.00000	-0.00965 2,6
		691	23.42135	10.03676	85.00000	0.00000	0.00000	-0.00979 2,6
		692	22.92703	10.05514	85.00000	0.00000	0.00000	-0.00993 2,6
		693	22.43270	10.07351	85.00000	0.00000	0.00000	-0.01005 2,6
		694	21.93838	10.09189	85.00000	0.00000	0.00000	-0.01016 2,6
		695	21.44405	10.11027	85.00000	0.00000	0.00000	-0.01026 2,6
		696	20.94973	10.12865	85.00000	0.00000	0.00000	-0.01035 2,6
		697	20.45541	10.14703	85.00000	0.00000	0.00000	-0.01042 2,6
		698	19.96108	10.16541	85.00000	0.00000	0.00000	-0.01048 2,6
		699	19.46676	10.18378	85.00000	0.00000	0.00000	-0.01053 2,6
		700	18.97243	10.20216	85.00000	0.00000	0.00000	-0.01057 2,6
		701	18.47811	10.22054	85.00000	0.00000	0.00000	-0.01060 2,6
		702	17.98378	10.23892	85.00000	0.00000	0.00000	-0.01062 2,6
		703	17.48946	10.25730	85.00000	0.00000	0.00000	-0.01062 2,6
		704	16.99514	10.27568	85.00000	0.00000	0.00000	-0.01062 2,6
		705	16.50081	10.29405	85.00000	0.00000	0.00000	-0.01060 2,6
		706	16.00649	10.31243	85.00000	0.00000	0.00000	-0.01058 2,6
		707	15.51216	10.33081	85.00000	0.00000	0.00000	-0.01054 2,6
		708	15.01784	10.34919	85.00000	0.00000	0.00000	-0.01050 2,6
		709	14.52351	10.36757	85.00000	0.00000	0.00000	-0.01045 2,6
		710	14.02919	10.38595	85.00000	0.00000	0.00000	-0.01039 2,6
		711	13.53486	10.40432	85.00000	0.00000	0.00000	-0.01032 2,6
		712	13.04054	10.42270	85.00000	0.00000	0.00000	-0.01025 2,6
		713	12.54622	10.44108	85.00000	0.00000	0.00000	-0.01017 2,6
		714	12.05189	10.45946	85.00000	0.00000	0.00000	-0.01008 2,6
		715	11.55757	10.47784	85.00000	0.00000	0.00000	-0.00999 2,6
		716	11.06324	10.49622	85.00000	0.00000	0.00000	-0.00990 2,6
		717	10.56892	10.51459	85.00000	0.00000	0.00000	-0.00980 2,6
		718	10.07459	10.53297	85.00000	0.00000	0.00000	-0.00969 2,6
		719	9.58027	10.55135	85.00000	0.00000	0.00000	-0.00958 2,6
		720	9.08595	10.56973	85.00000	0.00000	0.00000	-0.00947 2,6
		721	8.59162	10.58811	85.00000	0.00000	0.00000	-0.00935 2,6
		722	8.09730	10.60649	85.00000	0.00000	0.00000	-0.00924 2,6
		723	7.60297	10.62486	85.00000	0.00000	0.00000	-0.00912 2,6
		724	7.10865	10.64324	85.00000	0.00000	0.00000	-0.00899 2,6
		725	6.61432	10.66162	85.00000	0.00000	0.00000	-0.00887 2,6
		726	6.12000	10.68000	85.00000	0.00000	0.00000	-0.00875 2,6
		727	5.62493	10.69838	85.00000	0.00000	0.00000	-0.00860 2,6
		728	5.13061	10.71676	85.00000	0.00000	0.00000	-0.00845 2,6
		729	4.63629	10.73514	85.00000	0.00000	0.00000	-0.00830 2,6
		730	4.14197	10.75352	85.00000	0.00000	0.00000	-0.00816 2,6
		731	3.64765	10.77190	85.00000	0.00000	0.00000	-0.00801 2,6
		732	3.15333	9.99692	85.00000	0.00000	0.00000	-0.00787 2,6
		733	2.65901	9.99008	85.00000	0.00000	0.00000	-0.00772 2,6
		734	2.16469	9.97693	85.00000	0.00000	0.00000	-0.00758 2,6
		735	1.88308	9.65538	85.00000	0.00000	0.00000	-0.00744 2,6
		736	1.41231	9.54154	85.00000	0.00000	0.00000	-0.00730 2,6
		737	0.94154	9.42769	85.00000	0.00000	0.00000	-0.00716 2,6
		738	0.47077	9.31385	85.00000	0.00000	0.00000	-0.00702 2,6
		739	0.00000	9.20000	85.00000	0.00000	0.00000	-0.00689 2,6
		740	28.33000	72.10000	85.00000	0.00000	0.00000	-0.00993
		741	28.27750	71.60425	85.00000	0.00000	0.00000	-0.01006
		742	28.22500	71.10850	85.00000	0.0		



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		773	26.59750	55.74025	85.00000	0.00000	0.00000	0.01654
		774	26.54500	55.24450	85.00000	0.00000	0.00000	0.02042
		775	26.49250	54.74875	85.00000	0.00000	0.00000	0.02474
		776	26.44000	54.25300	85.00000	0.00000	0.00000	0.02956
		777	26.38750	53.75725	85.00000	0.00000	0.00000	0.03492
		778	26.33500	53.26150	85.00000	0.00000	0.00000	0.04086
		779	26.28250	52.76575	85.00000	0.00000	0.00000	0.04743
		780	26.23000	52.27000	85.00000	0.00000	0.00000	0.05468
		781	26.27152	51.77219	85.00000	0.00000	0.00000	0.06395
		782	26.31305	51.27438	85.00000	0.00000	0.00000	0.07439
		783	26.35457	50.77657	85.00000	0.00000	0.00000	0.08613
		784	26.39610	50.27876	85.00000	0.00000	0.00000	0.09930
		785	26.43762	49.78095	85.00000	0.00000	0.00000	0.11406
		786	26.47914	49.28314	85.00000	0.00000	0.00000	0.13056
		787	26.52067	48.78533	85.00000	0.00000	0.00000	0.14897
		788	26.56219	48.28752	85.00000	0.00000	0.00000	0.16947
		789	26.60371	47.78971	85.00000	0.00000	0.00000	0.19222
		790	26.64524	47.29190	85.00000	0.00000	0.00000	0.21741
		791	26.68676	46.79410	85.00000	0.00000	0.00000	0.24519
		792	26.72829	46.29629	85.00000	0.00000	0.00000	0.27572
		793	26.76981	45.79848	85.00000	0.00000	0.00000	0.30911
		794	26.81133	45.30067	85.00000	0.00000	0.00000	0.34544
		795	26.85286	44.80286	85.00000	0.00000	0.00000	0.38475
		796	26.89438	44.30505	85.00000	0.00000	0.00000	0.42703
		797	26.93590	43.80724	85.00000	0.00000	0.00000	0.47217
		798	26.97743	43.30943	85.00000	0.00000	0.00000	0.52002
		799	27.01895	42.81162	85.00000	0.00000	0.00000	0.57033
		800	27.06048	42.31381	85.00000	0.00000	0.00000	0.62275
		801	27.10200	41.81600	85.00000	0.00000	0.00000	0.67681
		802	27.14352	41.31819	85.00000	0.00000	0.00000	0.73186
		803	27.18505	40.82038	85.00000	0.00000	0.00000	0.78703
		804	27.22657	40.32257	85.00000	0.00000	0.00000	0.84122
		805	27.26810	39.82476	85.00000	0.00000	0.00000	0.89315
		806	27.30962	39.32695	85.00000	0.00000	0.00000	0.94153
		807	27.35114	38.82914	85.00000	0.00000	0.00000	0.98521
		808	27.39267	38.33133	85.00000	0.00000	0.00000	1.02336
		809	27.43419	37.83352	85.00000	0.00000	0.00000	1.05546
		810	27.47571	37.33571	85.00000	0.00000	0.00000	1.08125
		811	27.51724	36.83790	85.00000	0.00000	0.00000	1.10067
		812	27.55876	36.34010	85.00000	0.00000	0.00000	1.11374
		813	27.60029	35.84229	85.00000	0.00000	0.00000	1.12056
		814	27.64181	35.34448	85.00000	0.00000	0.00000	1.12119
		815	27.68333	34.84667	85.00000	0.00000	0.00000	1.11570
		816	27.72486	34.34886	85.00000	0.00000	0.00000	1.10412
		817	27.76638	33.85105	85.00000	0.00000	0.00000	1.08646
		818	27.80790	33.35324	85.00000	0.00000	0.00000	1.06272
		819	27.84943	32.85543	85.00000	0.00000	0.00000	1.03295
		820	27.89095	32.35762	85.00000	0.00000	0.00000	0.99726
		821	27.93248	31.85981	85.00000	0.00000	0.00000	0.95590
		822	27.97400	31.36200	85.00000	0.00000	0.00000	0.90935
		823	28.01552	30.86419	85.00000	0.00000	0.00000	0.85836
		824	28.05705	30.36638	85.00000	0.00000	0.00000	0.80399
		825	28.09857	29.86857	85.00000	0.00000	0.00000	0.74750
		826	28.14010	29.37076	85.00000	0.00000	0.00000	0.69026
		827	28.18162	28.87295	85.00000	0.00000	0.00000	0.63353
		828	28.22314	28.37514	85.00000	0.00000	0.00000	0.57835
		829	28.26467	27.87733	85.00000	0.00000	0.00000	0.52551
		830	28.30619	27.37952	85.00000	0.00000	0.00000	0.47553
		831	28.34771	26.88171	85.00000	0.00000	0.00000	0.42711
		832	28.38924	26.38390	85.00000	0.00000	0.00000	0.38527
		833	28.43076	25.88610	85.00000	0.00000	0.00000	0.34518
		834	28.47229	25.38829	85.00000	0.00000	0.00000	0.30839
		835	28.51381	24.89048	85.00000	0.00000	0.00000	0.27480
		836	28.55533	24.39267	85.00000	0.00000	0.00000	0.24425
		837	28.59686	23.89486	85.00000	0.00000	0.00000	0.21655
		838	28.63838	23.39705	85.00000	0.00000	0.00000	0.19152
		839	28.67990	22.89924	85.00000	0.00000	0.00000	0.16896
		840	28.72143	22.40143	85.00000	0.00000	0.00000	0.14866
		841	28.76295	21.90362	85.00000	0.00000	0.00000	0.13045
		842	28.80448	21.40581	85.00000	0.00000	0.00000	0.11412
		843	28.84600	20.90800	85.00000	0.00000	0.00000	0.09952
		844	28.88752	20.41019	85.00000	0.00000	0.00000	0.08648
		845	28.92905	19.91238	85.00000	0.00000	0.00000	0.07485
		846	28.97057	19.41457	85.00000	0.00000	0.00000	0.06448
		847	29.01210	18.91676	85.00000	0.00000	0.00000	0.05526
		848	29.05362	18.41895	85.00000	0.00000	0.00000	0.04707
		849	29.09514	17.92114	85.00000	0.00000	0.00000	0.03980
		850	29.13667	17.42333	85.00000	0.00000	0.00000	0.03335
		851	29.17819	16.92552	85.00000	0.00000	0.00000	0.02764
		852	29.21971	16.42771	85.00000	0.00000	0.00000	0.02258
		853	29.26124	15.92990	85.00000	0.00000	0.00000	0.01812
		854	29.30276	15.43210	85.00000	0.00000	0.00000	0.01419
		855	29.34429	14.93429	85.00000	0.00000	0.00000	0.01072
		856	29.38581	14.43648	85.00000	0.00000	0.00000	0.00767
		857	29.42733	13.93867	85.00000	0.00000	0.00000	0.00499
		858	29.46886	13.44086	85.00000	0.00000	0.00000	0.00264
		859	29.51038	12.94305	85.00000	0.00000	0.00000	0.00059
		860	29.55190	12.44524	85.00000	0.00000	0.00000	-0.00120
		861	29.59343	11.94743	85.00000	0.00000	0.00000	-0.00276
		862	29.63495	11.44962	85.00000	0.00000	0.00000	-0.00411
		863	29.67648	10.95181	85.00000	0.00000	0.00000	-0.00527
		864	29.71800	10.45400	85.00000	0.00000	0.00000	-0.00628
		865	29.75952	9.95619	85.00000	0.00000	0.00000	-0.00713
		866	29.80105	9.45838	85.00000	0.00000	0.00000	-0.00787
		867	29.84257	8.96057	85.00000	0.00000	0.00000	-0.00848
		868	29.88410	8.46276	85.00000	0.00000	0.00000	-0.00900
		869	29.92562	7.96495	85.00000	0.00000	0.00000	-0.00943
		870	29.96714	7.46714	85.00000	0.00000	0.00000	-0.00978
		871	30.00867	6.96933	85.00000	0.00000	0.00000	-0.01006
		872	30.05019	6.47152	85.00000	0.00000	0.00000	-0.01028
		873	30.09171	5.97371	85.00000	0.00000	0.00000	-0.01045
		874	30.13324	5.47590	85.00000	0.00000	0.00000	-0.01057
		875	30.17476	4.97810	85.00000	0.00000	0.00000	-0.01064
		876	30.21629	4.48029	85.000			



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		903	31.37238	61.23619	85.00000	0.00000	0.00000	-0.00271 2,6
		904	31.31048	60.74524	85.00000	0.00000	0.00000	-0.00114 2,6
		905	31.24857	60.25429	85.00000	0.00000	0.00000	0.00067 2,6
		906	31.18667	59.76333	85.00000	0.00000	0.00000	0.00275 2,6
		907	31.12476	59.27238	85.00000	0.00000	0.00000	0.00514 2,6
		908	31.06286	58.78143	85.00000	0.00000	0.00000	0.00787 2,6
		909	31.00095	58.29048	85.00000	0.00000	0.00000	0.01099 2,6
		910	30.93905	57.79952	85.00000	0.00000	0.00000	0.01455 2,6
		911	30.87714	57.30857	85.00000	0.00000	0.00000	0.01860 2,6
		912	30.81524	56.81762	85.00000	0.00000	0.00000	0.02322 2,6
		913	30.75333	56.32667	85.00000	0.00000	0.00000	0.02846 2,6
		914	30.69143	55.83571	85.00000	0.00000	0.00000	0.03441 2,6
		915	30.62952	55.34476	85.00000	0.00000	0.00000	0.04116 2,6
		916	30.56762	54.85381	85.00000	0.00000	0.00000	0.04881 2,6
		917	30.50571	54.36286	85.00000	0.00000	0.00000	0.05746 2,6
		918	30.44381	53.87190	85.00000	0.00000	0.00000	0.06725 2,6
		919	30.38190	53.38095	85.00000	0.00000	0.00000	0.07832 2,6
		920	30.32000	52.89000	85.00000	0.00000	0.00000	0.09081 2,6
		921	30.35706	52.40235	85.00000	0.00000	0.00000	0.10617 2,6
		922	30.39412	51.91471	85.00000	0.00000	0.00000	0.12376 2,6
		923	30.43118	51.42706	85.00000	0.00000	0.00000	0.14392 2,6
		924	30.46824	50.93941	85.00000	0.00000	0.00000	0.16703 2,6
		925	30.50529	50.45176	85.00000	0.00000	0.00000	0.19354 2,6
		926	30.54235	49.96412	85.00000	0.00000	0.00000	0.22396 2,6
		927	30.57941	49.47647	85.00000	0.00000	0.00000	0.25889 2,6
		928	30.61647	48.98892	85.00000	0.00000	0.00000	0.29904 2,6
		929	30.65353	48.50118	85.00000	0.00000	0.00000	0.34524 2,6
		930	30.69059	48.01353	85.00000	0.00000	0.00000	0.39848 2,6
		931	30.72765	47.52588	85.00000	0.00000	0.00000	0.45993 2,6
		932	30.76471	47.03824	85.00000	0.00000	0.00000	0.53100 2,6
		933	30.80176	46.55059	85.00000	0.00000	0.00000	0.61341 2,6
		934	30.83882	46.06294	85.00000	0.00000	0.00000	0.70927 2,6
		935	30.87588	45.57529	85.00000	0.00000	0.00000	0.82119 2,6
		936	30.91294	45.08765	85.00000	0.00000	0.00000	0.95250 2,6
		937	30.95000	44.60000	85.00000	0.00000	0.00000	1.10734 2,6
		938	31.22000	39.59000	85.00000	0.00000	0.00000	4.45280 2,6
		939	31.27273	39.10091	85.00000	0.00000	0.00000	4.67056 2,6
		940	31.32545	38.61182	85.00000	0.00000	0.00000	4.82306 2,6
		941	31.37818	38.12273	85.00000	0.00000	0.00000	4.93500 2,6
		942	31.43091	37.63364	85.00000	0.00000	0.00000	5.01816 2,6
		943	31.48364	37.14455	85.00000	0.00000	0.00000	5.07894 2,6
		944	31.53636	36.65545	85.00000	0.00000	0.00000	5.12103 2,6
		945	31.58909	36.16636	85.00000	0.00000	0.00000	5.14658 2,6
		946	31.64182	35.67727	85.00000	0.00000	0.00000	5.15670 2,6
		947	31.69455	35.18818	85.00000	0.00000	0.00000	5.15173 2,6
		948	31.74727	34.69909	85.00000	0.00000	0.00000	5.13130 2,6
		949	31.80000	34.21000	85.00000	0.00000	0.00000	5.09436 2,6
		950	31.85273	33.72091	85.00000	0.00000	0.00000	5.03893 2,6
		951	31.90545	33.23182	85.00000	0.00000	0.00000	4.96183 2,6
		952	31.95818	32.74273	85.00000	0.00000	0.00000	4.85797 2,6
		953	32.01091	32.25364	85.00000	0.00000	0.00000	4.71877 2,6
		954	32.06364	31.76455	85.00000	0.00000	0.00000	4.52852 2,6
		955	32.11636	31.27545	85.00000	0.00000	0.00000	4.25344 2,6
		956	32.16909	30.78636	85.00000	0.00000	0.00000	3.79695 2,6
		957	32.22182	30.29727	85.00000	0.00000	0.00000	2.85359 2,6
		958	32.27455	29.80818	85.00000	0.00000	0.00000	2.39808 2,6
		959	32.32727	29.31909	85.00000	0.00000	0.00000	2.04769 2,6
		960	32.38000	28.83000	85.00000	0.00000	0.00000	1.74755 2,6
		961	32.43273	28.34091	85.00000	0.00000	0.00000	1.42409 2,6
		962	32.48545	27.85182	85.00000	0.00000	0.00000	1.06267 2,6
		963	32.53818	27.36273	85.00000	0.00000	0.00000	0.54454 2,6
		964	32.59135	26.87364	85.00000	0.00000	0.00000	0.47262 2,6
		965	32.64364	26.38455	85.00000	0.00000	0.00000	0.41025 2,6
		966	32.69636	25.89545	85.00000	0.00000	0.00000	0.35605 2,6
		967	32.74909	25.40636	85.00000	0.00000	0.00000	0.30888 2,6
		968	32.80182	24.91727	85.00000	0.00000	0.00000	0.26779 2,6
		969	33.02692	21.94077	85.00000	0.00000	0.00000	0.23194 2,6
		970	33.07404	21.44212	85.00000	0.00000	0.00000	0.20067 2,6
		971	33.12115	20.94346	85.00000	0.00000	0.00000	0.17336 2,6
		972	33.16827	20.44481	85.00000	0.00000	0.00000	0.14950 2,6
		973	33.21538	19.94615	85.00000	0.00000	0.00000	0.12866 2,6
		974	33.26250	19.44750	85.00000	0.00000	0.00000	0.11045 2,6
		975	33.30962	18.94885	85.00000	0.00000	0.00000	0.09453 2,6
		976	33.35673	18.45019	85.00000	0.00000	0.00000	0.08062 2,6
		977	33.40385	17.95154	85.00000	0.00000	0.00000	0.06846 2,6
		978	33.45096	17.45288	85.00000	0.00000	0.00000	0.05784 2,6
		979	33.49808	16.95423	85.00000	0.00000	0.00000	0.04856 2,6
		980	33.54519	16.45558	85.00000	0.00000	0.00000	0.04045 2,6
		981	33.59231	15.95692	85.00000	0.00000	0.00000	0.03337 2,6
		982	33.63942	15.45827	85.00000	0.00000	0.00000	0.02720 2,6
		983	33.68654	14.95962	85.00000	0.00000	0.00000	0.02181 2,6
		984	33.73365	14.46096	85.00000	0.00000	0.00000	0.01712 2,6
		985	33.78077	13.96231	85.00000	0.00000	0.00000	0.01303 2,6
		986	33.82788	13.46365	85.00000	0.00000	0.00000	0.00948 2,6
		987	33.87500	12.96500	85.00000	0.00000	0.00000	0.00639 2,6
		988	33.92212	12.46635	85.00000	0.00000	0.00000	0.00372 2,6
		989	33.96923	11.96769	85.00000	0.00000	0.00000	0.00140 2,6
		990	34.01635	11.46904	85.00000	0.00000	0.00000	-0.00060 2,6
		991	34.06346	10.97038	85.00000	0.00000	0.00000	-0.00233 2,6
		992	34.11058	10.47173	85.00000	0.00000	0.00000	-0.00381 2,6
		993	34.15769	9.97308	85.00000	0.00000	0.00000	-0.00508 2,6
		994	34.20481	9.47442	85.00000	0.00000	0.00000	-0.00616 2,6
		995	34.25192	8.97577	85.00000	0.00000	0.00000	-0.00708 2,6
		996	34.29904	8.47712	85.00000	0.00000	0.00000	-0.00785 2,6
		997	34.34615	7.97846	85.00000	0.00000	0.00000	-0.00850 2,6
		998	34.39327	7.47981	85.00000	0.00000	0.00000	-0.00904 2,6
		999	34.44038	6.98115	85.00000	0.00000	0.00000	-0.00948 2,6
		1000	34.48750	6.48250	85.00000	0.00000	0.00000	-0.00983 2,6
		1001	34.53462	5.98385	85.00000	0.00000	0.00000	-0.01011 2,6
		1002	34.58173					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		1033	43.34709	63.24291	85.00000	0.00000	0.00000	-0.00712
		1034	43.84273	63.16727	85.00000	0.00000	0.00000	-0.00717
		1035	44.33836	63.09164	85.00000	0.00000	0.00000	-0.00723
		1036	44.83400	63.01600	85.00000	0.00000	0.00000	-0.00730
		1037	45.32964	62.94036	85.00000	0.00000	0.00000	-0.00739
		1038	45.82527	62.86473	85.00000	0.00000	0.00000	-0.00749
		1039	46.32091	62.78909	85.00000	0.00000	0.00000	-0.00760
		1040	46.81655	62.71345	85.00000	0.00000	0.00000	-0.00771
		1041	47.31218	62.63782	85.00000	0.00000	0.00000	-0.00784
		1042	47.80782	62.56218	85.00000	0.00000	0.00000	-0.00798
		1043	48.30345	62.48655	85.00000	0.00000	0.00000	-0.00812
		1044	48.79909	62.41091	85.00000	0.00000	0.00000	-0.00826
		1045	49.29473	62.33527	85.00000	0.00000	0.00000	-0.00841
		1046	49.79036	62.25964	85.00000	0.00000	0.00000	-0.00857
		1047	50.28600	62.18400	85.00000	0.00000	0.00000	-0.00872
		1048	50.78164	62.10836	85.00000	0.00000	0.00000	-0.00888
		1049	51.27727	62.03273	85.00000	0.00000	0.00000	-0.00903
		1050	51.77291	61.95709	85.00000	0.00000	0.00000	-0.00918
		1051	52.26855	61.88145	85.00000	0.00000	0.00000	-0.00933
		1052	52.76418	61.80582	85.00000	0.00000	0.00000	-0.00947
		1053	53.25982	61.73018	85.00000	0.00000	0.00000	-0.00961
		1054	53.75545	61.65455	85.00000	0.00000	0.00000	-0.00974
		1055	54.25109	61.57891	85.00000	0.00000	0.00000	-0.00986
		1056	54.74673	61.50327	85.00000	0.00000	0.00000	-0.00998
		1057	55.24236	61.42764	85.00000	0.00000	0.00000	-0.01009
		1058	55.73800	61.35200	85.00000	0.00000	0.00000	-0.01019
		1059	56.23364	61.27636	85.00000	0.00000	0.00000	-0.01028
		1060	56.72927	61.20073	85.00000	0.00000	0.00000	-0.01036
		1061	57.22491	61.12509	85.00000	0.00000	0.00000	-0.01043
		1062	57.72055	61.04945	85.00000	0.00000	0.00000	-0.01050
		1063	58.21618	60.97382	85.00000	0.00000	0.00000	-0.01055
		1064	58.71182	60.89818	85.00000	0.00000	0.00000	-0.01059
		1065	59.20745	60.82255	85.00000	0.00000	0.00000	-0.01062
		1066	59.70309	60.74691	85.00000	0.00000	0.00000	-0.01064
		1067	60.19873	60.67127	85.00000	0.00000	0.00000	-0.01065
		1068	60.69436	60.59564	85.00000	0.00000	0.00000	-0.01066
		1069	61.19000	60.52000	85.00000	0.00000	0.00000	-0.01065
		1070	61.68467	60.38100	85.00000	0.00000	0.00000	-0.01064
		1071	62.13933	60.24200	85.00000	0.00000	0.00000	-0.01062
		1072	62.60000	60.10300	85.00000	0.00000	0.00000	-0.01059
		1073	63.08867	59.96400	85.00000	0.00000	0.00000	-0.01056
		1074	63.56333	59.82500	85.00000	0.00000	0.00000	-0.01053
		1075	64.03800	59.68600	85.00000	0.00000	0.00000	-0.01048
		1076	64.51267	59.54700	85.00000	0.00000	0.00000	-0.01044
		1077	64.98733	59.40800	85.00000	0.00000	0.00000	-0.01039
		1078	65.46200	59.26900	85.00000	0.00000	0.00000	-0.01033
		1079	65.93667	59.13000	85.00000	0.00000	0.00000	-0.01026
		1080	66.41133	58.99100	85.00000	0.00000	0.00000	-0.01020
		1081	66.88600	58.85200	85.00000	0.00000	0.00000	-0.01012
		1082	67.36067	58.71300	85.00000	0.00000	0.00000	-0.01005
		1083	67.83533	58.57400	85.00000	0.00000	0.00000	-0.00997
		1084	68.31000	58.43500	85.00000	0.00000	0.00000	-0.00988
		1085	68.78467	58.29600	85.00000	0.00000	0.00000	-0.00979
		1086	69.25933	58.15700	85.00000	0.00000	0.00000	-0.00970
		1087	69.73400	58.01800	85.00000	0.00000	0.00000	-0.00961
		1088	70.20867	57.87900	85.00000	0.00000	0.00000	-0.00951
		1089	70.68333	57.74000	85.00000	0.00000	0.00000	-0.00941
		1090	71.15800	57.60100	85.00000	0.00000	0.00000	-0.00933
		1091	71.63267	57.46200	85.00000	0.00000	0.00000	-0.00920
		1092	72.10733	57.32300	85.00000	0.00000	0.00000	-0.00909
		1093	72.58200	57.18400	85.00000	0.00000	0.00000	-0.00898
		1094	73.05667	57.04500	85.00000	0.00000	0.00000	-0.00887
		1095	73.53133	56.90600	85.00000	0.00000	0.00000	-0.00876
		1096	74.00600	56.76700	85.00000	0.00000	0.00000	-0.00864
		1097	74.48067	56.62800	85.00000	0.00000	0.00000	-0.00853
		1098	74.95533	56.48900	85.00000	0.00000	0.00000	-0.00841
		1099	75.43000	56.35000	85.00000	0.00000	0.00000	-0.00830
		1100	0.00000	0.00000	85.00000	0.00000	0.00000	-0.00534
		1101	0.75430	0.00000	85.00000	0.00000	0.00000	-0.00547
		1102	1.50860	0.00000	85.00000	0.00000	0.00000	-0.00560
		1103	2.26290	0.00000	85.00000	0.00000	0.00000	-0.00573
		1104	3.01720	0.00000	85.00000	0.00000	0.00000	-0.00586
		1105	3.77150	0.00000	85.00000	0.00000	0.00000	-0.00599
		1106	4.52580	0.00000	85.00000	0.00000	0.00000	-0.00613
		1107	5.28010	0.00000	85.00000	0.00000	0.00000	-0.00627
		1108	6.03440	0.00000	85.00000	0.00000	0.00000	-0.00641
		1109	6.78870	0.00000	85.00000	0.00000	0.00000	-0.00655
		1110	7.54300	0.00000	85.00000	0.00000	0.00000	-0.00669
		1111	8.29730	0.00000	85.00000	0.00000	0.00000	-0.00683
		1112	9.05160	0.00000	85.00000	0.00000	0.00000	-0.00697
		1113	9.80590	0.00000	85.00000	0.00000	0.00000	-0.00711
		1114	10.56020	0.00000	85.00000	0.00000	0.00000	-0.00725
		1115	11.31450	0.00000	85.00000	0.00000	0.00000	-0.00740
		1116	12.06880	0.00000	85.00000	0.00000	0.00000	-0.00754
		1117	12.82310	0.00000	85.00000	0.00000	0.00000	-0.00768
		1118	13.57740	0.00000	85.00000	0.00000	0.00000	-0.00782
		1119	14.33170	0.00000	85.00000	0.00000	0.00000	-0.00795
		1120	15.08600	0.00000	85.00000	0.00000	0.00000	-0.00809
		1121	15.84030	0.00000	85.00000	0.00000	0.00000	-0.00822
		1122	16.59460	0.00000	85.00000	0.00000	0.00000	-0.00835
		1123	17.34890	0.00000	85.00000	0.00000	0.00000	-0.00848
		1124	18.10320	0.00000	85.00000	0.00000	0.00000	-0.00861
		1125	18.85750	0.00000	85.00000	0.00000	0.00000	-0.00873
		1126	19.61180	0.00000	85.00000	0.00000	0.00000	-0.00885
		1127	20.36610	0.00000	85.00000	0.00000	0.00000	-0.00896
		1128	21.12040	0.00000	85.00000	0.00000	0.00000	-0.00907
		1129	21.87470	0.00000	85.00000	0.00000	0.00000	-0.00918
		1130	22.62900	0.00000	85.00000	0.00000	0.00000	-0.00928
		1131	23.38330	0.00000	85.00000	0.00000	0.00000	-0.00937
		1132	24.13760	0.00000	85.00000	0.00000	0.00000	-0.00946
		1133	24.89190	0.00000	85.00000	0.00000	0.00000	-0.00955
		1134	25.64620	0.00000	85.00000	0.00000	0.00000	-0.00963
		1135	26.40050	0.00000	85.00000	0.00000	0.00000	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		1163	47.52090	0.00000	85.00000	0.00000	0.00000	-0.00991	1
		1164	48.27520	0.00000	85.00000	0.00000	0.00000	-0.00985	1
		1165	49.02950	0.00000	85.00000	0.00000	0.00000	-0.00979	1
		1166	49.78380	0.00000	85.00000	0.00000	0.00000	-0.00972	1
		1167	50.53810	0.00000	85.00000	0.00000	0.00000	-0.00965	1
		1168	51.29240	0.00000	85.00000	0.00000	0.00000	-0.00957	1
		1169	52.04670	0.00000	85.00000	0.00000	0.00000	-0.00949	1
		1170	52.80100	0.00000	85.00000	0.00000	0.00000	-0.00940	1
		1171	53.55530	0.00000	85.00000	0.00000	0.00000	-0.00931	1
		1172	54.30960	0.00000	85.00000	0.00000	0.00000	-0.00921	1
		1173	55.06390	0.00000	85.00000	0.00000	0.00000	-0.00911	1
		1174	55.81820	0.00000	85.00000	0.00000	0.00000	-0.00900	1
		1175	56.57250	0.00000	85.00000	0.00000	0.00000	-0.00889	1
		1176	57.32680	0.00000	85.00000	0.00000	0.00000	-0.00877	1
		1177	58.08110	0.00000	85.00000	0.00000	0.00000	-0.00866	1
		1178	58.83540	0.00000	85.00000	0.00000	0.00000	-0.00853	1
		1179	59.58970	0.00000	85.00000	0.00000	0.00000	-0.00841	1
		1180	60.34400	0.00000	85.00000	0.00000	0.00000	-0.00828	1
		1181	61.09830	0.00000	85.00000	0.00000	0.00000	-0.00815	1
		1182	61.85260	0.00000	85.00000	0.00000	0.00000	-0.00801	1
		1183	62.60690	0.00000	85.00000	0.00000	0.00000	-0.00788	1
		1184	63.36120	0.00000	85.00000	0.00000	0.00000	-0.00774	1
		1185	64.11550	0.00000	85.00000	0.00000	0.00000	-0.00760	1
		1186	64.86980	0.00000	85.00000	0.00000	0.00000	-0.00746	1
		1187	65.62410	0.00000	85.00000	0.00000	0.00000	-0.00732	1
		1188	66.37840	0.00000	85.00000	0.00000	0.00000	-0.00718	1
		1189	67.13270	0.00000	85.00000	0.00000	0.00000	-0.00704	1
		1190	67.88700	0.00000	85.00000	0.00000	0.00000	-0.00689	1
		1191	68.64130	0.00000	85.00000	0.00000	0.00000	-0.00675	1
		1192	69.39560	0.00000	85.00000	0.00000	0.00000	-0.00661	1
		1193	70.14990	0.00000	85.00000	0.00000	0.00000	-0.00647	1
		1194	70.90420	0.00000	85.00000	0.00000	0.00000	-0.00633	1
		1195	71.65850	0.00000	85.00000	0.00000	0.00000	-0.00619	1
		1196	72.41280	0.00000	85.00000	0.00000	0.00000	-0.00606	1
		1197	73.16710	0.00000	85.00000	0.00000	0.00000	-0.00592	1
		1198	73.92140	0.00000	85.00000	0.00000	0.00000	-0.00579	1
		1199	74.67570	0.00000	85.00000	0.00000	0.00000	-0.00566	1
		1200	75.43000	0.00000	85.00000	0.00000	0.00000	-0.00553	1
		1201	0.00000	0.72100	85.00000	0.00000	0.00000	-0.00545	1
		1202	0.75430	0.72100	85.00000	0.00000	0.00000	-0.00539	1
		1203	1.50860	0.72100	85.00000	0.00000	0.00000	-0.00532	1
		1204	2.26290	0.72100	85.00000	0.00000	0.00000	-0.00525	1
		1205	3.01720	0.72100	85.00000	0.00000	0.00000	-0.00519	1
		1206	3.77150	0.72100	85.00000	0.00000	0.00000	-0.00613	1
		1207	4.52580	0.72100	85.00000	0.00000	0.00000	-0.00627	1
		1208	5.28010	0.72100	85.00000	0.00000	0.00000	-0.00641	1
		1209	6.03440	0.72100	85.00000	0.00000	0.00000	-0.00656	1
		1210	6.78870	0.72100	85.00000	0.00000	0.00000	-0.00670	1
		1211	7.54300	0.72100	85.00000	0.00000	0.00000	-0.00685	1
		1212	8.29730	0.72100	85.00000	0.00000	0.00000	-0.00699	1
		1213	9.05160	0.72100	85.00000	0.00000	0.00000	-0.00714	1
		1214	9.80590	0.72100	85.00000	0.00000	0.00000	-0.00729	1
		1215	10.56020	0.72100	85.00000	0.00000	0.00000	-0.00743	1
		1216	11.31450	0.72100	85.00000	0.00000	0.00000	-0.00758	1
		1217	12.06880	0.72100	85.00000	0.00000	0.00000	-0.00772	1
		1218	12.82310	0.72100	85.00000	0.00000	0.00000	-0.00787	1
		1219	13.57740	0.72100	85.00000	0.00000	0.00000	-0.00801	1
		1220	14.33170	0.72100	85.00000	0.00000	0.00000	-0.00815	1
		1221	15.08600	0.72100	85.00000	0.00000	0.00000	-0.00829	1
		1222	15.84030	0.72100	85.00000	0.00000	0.00000	-0.00843	1
		1223	16.59460	0.72100	85.00000	0.00000	0.00000	-0.00856	1
		1224	17.34890	0.72100	85.00000	0.00000	0.00000	-0.00869	1
		1225	18.10320	0.72100	85.00000	0.00000	0.00000	-0.00882	1
		1226	18.85750	0.72100	85.00000	0.00000	0.00000	-0.00894	1
		1227	19.61180	0.72100	85.00000	0.00000	0.00000	-0.00906	1
		1228	20.36610	0.72100	85.00000	0.00000	0.00000	-0.00918	1
		1229	21.12040	0.72100	85.00000	0.00000	0.00000	-0.00929	1
		1230	21.87470	0.72100	85.00000	0.00000	0.00000	-0.00939	1
		1231	22.62900	0.72100	85.00000	0.00000	0.00000	-0.00949	1
		1232	23.38330	0.72100	85.00000	0.00000	0.00000	-0.00959	1
		1233	24.13760	0.72100	85.00000	0.00000	0.00000	-0.00968	1
		1234	24.89190	0.72100	85.00000	0.00000	0.00000	-0.00976	1
		1235	25.64620	0.72100	85.00000	0.00000	0.00000	-0.00984	1
		1236	26.40050	0.72100	85.00000	0.00000	0.00000	-0.00991	1
		1237	27.15480	0.72100	85.00000	0.00000	0.00000	-0.00998	1
		1238	27.90910	0.72100	85.00000	0.00000	0.00000	-0.01004	1
		1239	28.66340	0.72100	85.00000	0.00000	0.00000	-0.01010	1
		1240	29.41770	0.72100	85.00000	0.00000	0.00000	-0.01015	1
		1241	30.17200	0.72100	85.00000	0.00000	0.00000	-0.01020	1
		1242	30.92630	0.72100	85.00000	0.00000	0.00000	-0.01024	1
		1243	31.68060	0.72100	85.00000	0.00000	0.00000	-0.01028	1
		1244	32.43490	0.72100	85.00000	0.00000	0.00000	-0.01031	1
		1245	33.18920	0.72100	85.00000	0.00000	0.00000	-0.01033	1
		1246	33.94350	0.72100	85.00000	0.00000	0.00000	-0.01036	1
		1247	34.69780	0.72100	85.00000	0.00000	0.00000	-0.01038	1
		1248	35.45210	0.72100	85.00000	0.00000	0.00000	-0.01039	1
		1249	36.20640	0.72100	85.00000	0.00000	0.00000	-0.01040	1
		1250	36.96070	0.72100	85.00000	0.00000	0.00000	-0.01041	1
		1251	37.71500	0.72100	85.00000	0.00000	0.00000	-0.01041	1
		1252	38.46930	0.72100	85.00000	0.00000	0.00000	-0.01041	1
		1253	39.22360	0.72100	85.00000	0.00000	0.00000	-0.01041	1
		1254	39.97790	0.72100	85.00000	0.00000	0.00000	-0.01040	1
		1255	40.73220	0.72100	85.00000	0.00000	0.00000	-0.01039	1
		1256	41.48650	0.72100	85.00000	0.00000	0.00000	-0.01037	1
		1257	42.24080	0.72100	85.00000	0.00000	0.00000	-0.01035	1
		1258	42.99510	0.72100	85.00000	0.00000	0.00000	-0.01033	1
		1259	43.74940	0.72100	85.00000	0.00000	0.00000	-0.0.	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		1293	69.39560	0.72100	85.00000	0.00000	0.00000	-0.00677	1
		1294	70.14990	0.72100	85.00000	0.00000	0.00000	-0.00662	1
		1295	70.90420	0.72100	85.00000	0.00000	0.00000	-0.00648	1
		1296	71.65850	0.72100	85.00000	0.00000	0.00000	-0.00634	1
		1297	72.41280	0.72100	85.00000	0.00000	0.00000	-0.00620	1
		1298	73.16710	0.72100	85.00000	0.00000	0.00000	-0.00606	1
		1299	73.92140	0.72100	85.00000	0.00000	0.00000	-0.00592	1
		1300	74.67570	0.72100	85.00000	0.00000	0.00000	-0.00578	1
		1301	75.43000	0.72100	85.00000	0.00000	0.00000	-0.00565	1
		1302	0.00000	1.44200	85.00000	0.00000	0.00000	-0.00557	1
		1303	0.75430	1.44200	85.00000	0.00000	0.00000	-0.00571	1
		1304	1.50860	1.44200	85.00000	0.00000	0.00000	-0.00584	1
		1305	2.26290	1.44200	85.00000	0.00000	0.00000	-0.00599	1
		1306	3.01720	1.44200	85.00000	0.00000	0.00000	-0.00613	1
		1307	3.77150	1.44200	85.00000	0.00000	0.00000	-0.00627	1
		1308	4.52580	1.44200	85.00000	0.00000	0.00000	-0.00642	1
		1309	5.28010	1.44200	85.00000	0.00000	0.00000	-0.00656	1
		1310	6.03440	1.44200	85.00000	0.00000	0.00000	-0.00671	1
		1311	6.78870	1.44200	85.00000	0.00000	0.00000	-0.00686	1
		1312	7.54300	1.44200	85.00000	0.00000	0.00000	-0.00701	1
		1313	8.29730	1.44200	85.00000	0.00000	0.00000	-0.00716	1
		1314	9.05160	1.44200	85.00000	0.00000	0.00000	-0.00731	1
		1315	9.80590	1.44200	85.00000	0.00000	0.00000	-0.00746	1
		1316	10.56020	1.44200	85.00000	0.00000	0.00000	-0.00761	1
		1317	11.31450	1.44200	85.00000	0.00000	0.00000	-0.00776	1
		1318	12.06880	1.44200	85.00000	0.00000	0.00000	-0.00791	1
		1319	12.82310	1.44200	85.00000	0.00000	0.00000	-0.00806	1
		1320	13.57740	1.44200	85.00000	0.00000	0.00000	-0.00821	1
		1321	14.33170	1.44200	85.00000	0.00000	0.00000	-0.00835	1
		1322	15.08600	1.44200	85.00000	0.00000	0.00000	-0.00849	1
		1323	15.84030	1.44200	85.00000	0.00000	0.00000	-0.00863	1
		1324	16.59460	1.44200	85.00000	0.00000	0.00000	-0.00877	1
		1325	17.34890	1.44200	85.00000	0.00000	0.00000	-0.00890	1
		1326	18.10320	1.44200	85.00000	0.00000	0.00000	-0.00903	1
		1327	18.85750	1.44200	85.00000	0.00000	0.00000	-0.00915	1
		1328	19.61180	1.44200	85.00000	0.00000	0.00000	-0.00927	1
		1329	20.36610	1.44200	85.00000	0.00000	0.00000	-0.00939	1
		1330	21.12040	1.44200	85.00000	0.00000	0.00000	-0.00950	1
		1331	21.87470	1.44200	85.00000	0.00000	0.00000	-0.00960	1
		1332	22.62900	1.44200	85.00000	0.00000	0.00000	-0.00970	1
		1333	23.38330	1.44200	85.00000	0.00000	0.00000	-0.00979	1
		1334	24.13760	1.44200	85.00000	0.00000	0.00000	-0.00988	1
		1335	24.89190	1.44200	85.00000	0.00000	0.00000	-0.00996	1
		1336	25.64620	1.44200	85.00000	0.00000	0.00000	-0.01004	1
		1337	26.40050	1.44200	85.00000	0.00000	0.00000	-0.01011	1
		1338	27.15480	1.44200	85.00000	0.00000	0.00000	-0.01017	1
		1339	27.90910	1.44200	85.00000	0.00000	0.00000	-0.01023	1
		1340	28.66340	1.44200	85.00000	0.00000	0.00000	-0.01028	1
		1341	29.41770	1.44200	85.00000	0.00000	0.00000	-0.01033	1
		1342	30.17200	1.44200	85.00000	0.00000	0.00000	-0.01037	1
		1343	30.92630	1.44200	85.00000	0.00000	0.00000	-0.01040	1
		1344	31.68060	1.44200	85.00000	0.00000	0.00000	-0.01044	1
		1345	32.43490	1.44200	85.00000	0.00000	0.00000	-0.01046	1
		1346	33.18920	1.44200	85.00000	0.00000	0.00000	-0.01049	1
		1347	33.94350	1.44200	85.00000	0.00000	0.00000	-0.01050	1
		1348	34.69780	1.44200	85.00000	0.00000	0.00000	-0.01052	1
		1349	35.45210	1.44200	85.00000	0.00000	0.00000	-0.01053	1
		1350	36.20640	1.44200	85.00000	0.00000	0.00000	-0.01054	1
		1351	36.96070	1.44200	85.00000	0.00000	0.00000	-0.01054	1
		1352	37.71500	1.44200	85.00000	0.00000	0.00000	-0.01055	1
		1353	38.46930	1.44200	85.00000	0.00000	0.00000	-0.01054	1
		1354	39.22360	1.44200	85.00000	0.00000	0.00000	-0.01054	1
		1355	39.97790	1.44200	85.00000	0.00000	0.00000	-0.01053	1
		1356	40.73220	1.44200	85.00000	0.00000	0.00000	-0.01052	1
		1357	41.48650	1.44200	85.00000	0.00000	0.00000	-0.01051	1
		1358	42.24080	1.44200	85.00000	0.00000	0.00000	-0.01049	1
		1359	42.99510	1.44200	85.00000	0.00000	0.00000	-0.01048	1
		1360	43.74940	1.44200	85.00000	0.00000	0.00000	-0.01045	1
		1361	44.50370	1.44200	85.00000	0.00000	0.00000	-0.01043	1
		1362	45.25800	1.44200	85.00000	0.00000	0.00000	-0.01039	1
		1363	46.01230	1.44200	85.00000	0.00000	0.00000	-0.01036	1
		1364	46.76660	1.44200	85.00000	0.00000	0.00000	-0.01032	1
		1365	47.52090	1.44200	85.00000	0.00000	0.00000	-0.01027	1
		1366	48.27520	1.44200	85.00000	0.00000	0.00000	-0.01022	1
		1367	49.02950	1.44200	85.00000	0.00000	0.00000	-0.01017	1
		1368	49.78380	1.44200	85.00000	0.00000	0.00000	-0.01011	1
		1369	50.53810	1.44200	85.00000	0.00000	0.00000	-0.01004	1
		1370	51.29240	1.44200	85.00000	0.00000	0.00000	-0.00997	1
		1371	52.04670	1.44200	85.00000	0.00000	0.00000	-0.00989	1
		1372	52.80100	1.44200	85.00000	0.00000	0.00000	-0.00981	1
		1373	53.55530	1.44200	85.00000	0.00000	0.00000	-0.00972	1
		1374	54.30960	1.44200	85.00000	0.00000	0.00000	-0.00963	1
		1375	55.06390	1.44200	85.00000	0.00000	0.00000	-0.00953	1
		1376	55.81820	1.44200	85.00000	0.00000	0.00000	-0.00942	1
		1377	56.57250	1.44200	85.00000	0.00000	0.00000	-0.00931	1
		1378	57.32680	1.44200	85.00000	0.00000	0.00000	-0.00919	1
		1379	58.08110	1.44200	85.00000	0.00000	0.00000	-0.00907	1
		1380	58.83540	1.44200	85.00000	0.00000	0.00000	-0.00895	1
		1381	59.58970	1.44200	85.00000	0.00000	0.00000	-0.00882	1
		1382	60.34400	1.44200	85.00000	0.00000	0.00000	-0.00868	1
		1383	61.09830	1.44200	85.00000	0.00000	0.00000	-0.00855	1
		1384	61.85260	1.44200	85.00000	0.00000	0.00000	-0.00841	1
		1385	62.60690	1.44200	85.00000	0.00000	0.00000	-0.00827	1
		1386	63.36120	1.44200	85.00000	0.00000	0.00000	-0.00812	1
		1387	64.11550	1.44200	85.00000	0.00000	0.00000	-0.00798	1
		1388	64.86980	1.44200	85.00000	0.00000	0.00000	-0.00783	1
		1389	65.62410	1.44200	85.00000	0.00000	0.00000	-0.00.	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		1423	15.08600	2.16300	85.00000	0.00000	0.00000	-0.00869	1
		1424	15.84030	2.16300	85.00000	0.00000	0.00000	-0.00883	1
		1425	16.59460	2.16300	85.00000	0.00000	0.00000	-0.00897	1
		1426	17.34890	2.16300	85.00000	0.00000	0.00000	-0.00911	1
		1427	18.10320	2.16300	85.00000	0.00000	0.00000	-0.00923	1
		1428	18.85750	2.16300	85.00000	0.00000	0.00000	-0.00936	1
		1429	19.61180	2.16300	85.00000	0.00000	0.00000	-0.00948	1
		1430	20.36610	2.16300	85.00000	0.00000	0.00000	-0.00959	1
		1431	21.12040	2.16300	85.00000	0.00000	0.00000	-0.00970	1
		1432	21.87470	2.16300	85.00000	0.00000	0.00000	-0.00980	1
		1433	22.62900	2.16300	85.00000	0.00000	0.00000	-0.00990	1
		1434	23.38330	2.16300	85.00000	0.00000	0.00000	-0.00999	1
		1435	24.13760	2.16300	85.00000	0.00000	0.00000	-0.01007	1
		1436	24.89190	2.16300	85.00000	0.00000	0.00000	-0.01015	1
		1437	25.64620	2.16300	85.00000	0.00000	0.00000	-0.01022	1
		1438	26.40050	2.16300	85.00000	0.00000	0.00000	-0.01028	1
		1439	27.15480	2.16300	85.00000	0.00000	0.00000	-0.01034	1
		1440	27.90910	2.16300	85.00000	0.00000	0.00000	-0.01039	1
		1441	28.66340	2.16300	85.00000	0.00000	0.00000	-0.01044	1
		1442	29.41770	2.16300	85.00000	0.00000	0.00000	-0.01048	1
		1443	30.17200	2.16300	85.00000	0.00000	0.00000	-0.01051	1
		1444	30.92630	2.16300	85.00000	0.00000	0.00000	-0.01054	1
		1445	31.68060	2.16300	85.00000	0.00000	0.00000	-0.01057	1
		1446	32.43490	2.16300	85.00000	0.00000	0.00000	-0.01059	1
		1447	33.18920	2.16300	85.00000	0.00000	0.00000	-0.01060	1
		1448	33.94350	2.16300	85.00000	0.00000	0.00000	-0.01062	1
		1449	34.69780	2.16300	85.00000	0.00000	0.00000	-0.01063	1
		1450	35.45210	2.16300	85.00000	0.00000	0.00000	-0.01063	1
		1451	36.20640	2.16300	85.00000	0.00000	0.00000	-0.01064	1
		1452	36.96070	2.16300	85.00000	0.00000	0.00000	-0.01064	1
		1453	37.71500	2.16300	85.00000	0.00000	0.00000	-0.01064	1
		1454	38.46930	2.16300	85.00000	0.00000	0.00000	-0.01064	1
		1455	39.22360	2.16300	85.00000	0.00000	0.00000	-0.01064	1
		1456	39.97790	2.16300	85.00000	0.00000	0.00000	-0.01063	1
		1457	40.73220	2.16300	85.00000	0.00000	0.00000	-0.01062	1
		1458	41.48650	2.16300	85.00000	0.00000	0.00000	-0.01061	1
		1459	42.24080	2.16300	85.00000	0.00000	0.00000	-0.01060	1
		1460	42.99510	2.16300	85.00000	0.00000	0.00000	-0.01058	1
		1461	43.74940	2.16300	85.00000	0.00000	0.00000	-0.01057	1
		1462	44.50370	2.16300	85.00000	0.00000	0.00000	-0.01054	1
		1463	45.25800	2.16300	85.00000	0.00000	0.00000	-0.01052	1
		1464	46.01230	2.16300	85.00000	0.00000	0.00000	-0.01049	1
		1465	46.76660	2.16300	85.00000	0.00000	0.00000	-0.01046	1
		1466	47.52090	2.16300	85.00000	0.00000	0.00000	-0.01042	1
		1467	48.27520	2.16300	85.00000	0.00000	0.00000	-0.01038	1
		1468	49.02950	2.16300	85.00000	0.00000	0.00000	-0.01033	1
		1469	49.78380	2.16300	85.00000	0.00000	0.00000	-0.01027	1
		1470	50.53810	2.16300	85.00000	0.00000	0.00000	-0.01021	1
		1471	51.29240	2.16300	85.00000	0.00000	0.00000	-0.01015	1
		1472	52.04670	2.16300	85.00000	0.00000	0.00000	-0.01007	1
		1473	52.80100	2.16300	85.00000	0.00000	0.00000	-0.01000	1
		1474	53.55530	2.16300	85.00000	0.00000	0.00000	-0.00991	1
		1475	54.30960	2.16300	85.00000	0.00000	0.00000	-0.00982	1
		1476	55.06390	2.16300	85.00000	0.00000	0.00000	-0.00972	1
		1477	55.81820	2.16300	85.00000	0.00000	0.00000	-0.00962	1
		1478	56.57250	2.16300	85.00000	0.00000	0.00000	-0.00951	1
		1479	57.32680	2.16300	85.00000	0.00000	0.00000	-0.00939	1
		1480	58.08110	2.16300	85.00000	0.00000	0.00000	-0.00927	1
		1481	58.83540	2.16300	85.00000	0.00000	0.00000	-0.00915	1
		1482	59.58970	2.16300	85.00000	0.00000	0.00000	-0.00902	1
		1483	60.34400	2.16300	85.00000	0.00000	0.00000	-0.00889	1
		1484	61.09830	2.16300	85.00000	0.00000	0.00000	-0.00875	1
		1485	61.85260	2.16300	85.00000	0.00000	0.00000	-0.00861	1
		1486	62.60690	2.16300	85.00000	0.00000	0.00000	-0.00846	1
		1487	63.36120	2.16300	85.00000	0.00000	0.00000	-0.00832	1
		1488	64.11550	2.16300	85.00000	0.00000	0.00000	-0.00817	1
		1489	64.86980	2.16300	85.00000	0.00000	0.00000	-0.00801	1
		1490	65.62410	2.16300	85.00000	0.00000	0.00000	-0.00786	1
		1491	66.37840	2.16300	85.00000	0.00000	0.00000	-0.00771	1
		1492	67.13270	2.16300	85.00000	0.00000	0.00000	-0.00755	1
		1493	67.88700	2.16300	85.00000	0.00000	0.00000	-0.00740	1
		1494	68.64130	2.16300	85.00000	0.00000	0.00000	-0.00724	1
		1495	69.39560	2.16300	85.00000	0.00000	0.00000	-0.00709	1
		1496	70.14990	2.16300	85.00000	0.00000	0.00000	-0.00694	1
		1497	70.90420	2.16300	85.00000	0.00000	0.00000	-0.00678	1
		1498	71.65850	2.16300	85.00000	0.00000	0.00000	-0.00663	1
		1499	72.41280	2.16300	85.00000	0.00000	0.00000	-0.00648	1
		1500	73.16710	2.16300	85.00000	0.00000	0.00000	-0.00633	1
		1501	73.92140	2.16300	85.00000	0.00000	0.00000	-0.00618	1
		1502	74.67570	2.16300	85.00000	0.00000	0.00000	-0.00604	1
		1503	75.43000	2.16300	85.00000	0.00000	0.00000	-0.00589	1
		1504	0.00000	2.88400	85.00000	0.00000	0.00000	-0.00581	1
		1505	0.75430	2.88400	85.00000	0.00000	0.00000	-0.00595	1
		1506	1.50860	2.88400	85.00000	0.00000	0.00000	-0.00610	1
		1507	2.26290	2.88400	85.00000	0.00000	0.00000	-0.00625	1
		1508	3.01720	2.88400	85.00000	0.00000	0.00000	-0.00640	1
		1509	3.77150	2.88400	85.00000	0.00000	0.00000	-0.00655	1
		1510	4.52580	2.88400	85.00000	0.00000	0.00000	-0.00671	1
		1511	5.28010	2.88400	85.00000	0.00000	0.00000	-0.00686	1
		1512	6.03440	2.88400	85.00000	0.00000	0.00000	-0.00702	1
		1513	6.78870	2.88400	85.00000	0.00000	0.00000	-0.00718	1
		1514	7.54300	2.88400	85.00000	0.00000	0.00000	-0.00734	1
		1515	8.29730	2.88400	85.00000	0.00000	0.00000	-0.00750	1
		1516	9.05160	2.88400	85.00000	0.00000	0.00000	-0.00766	1
		1517	9.80590	2.88400	85.00000	0.00000	0.00000	-0.00782	1
		1518	10.56020	2.88400	85.00000	0.00000	0.00000	-0.00798	1
		1519	11.31450	2.88400	85.00000	0.00000	0.00000	-0.00	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		1553	36.96070	2.88400	85.00000	0.00000	0.00000	-0.01069	1
		1554	37.71500	2.88400	85.00000	0.00000	0.00000	-0.01069	1
		1555	38.46930	2.88400	85.00000	0.00000	0.00000	-0.01069	1
		1556	39.22360	2.88400	85.00000	0.00000	0.00000	-0.01068	1
		1557	39.97790	2.88400	85.00000	0.00000	0.00000	-0.01068	1
		1558	40.73220	2.88400	85.00000	0.00000	0.00000	-0.01067	1
		1559	41.48650	2.88400	85.00000	0.00000	0.00000	-0.01067	1
		1560	42.24080	2.88400	85.00000	0.00000	0.00000	-0.01066	1
		1561	42.99510	2.88400	85.00000	0.00000	0.00000	-0.01065	1
		1562	43.74940	2.88400	85.00000	0.00000	0.00000	-0.01064	1
		1563	44.50370	2.88400	85.00000	0.00000	0.00000	-0.01062	1
		1564	45.25800	2.88400	85.00000	0.00000	0.00000	-0.01061	1
		1565	46.01230	2.88400	85.00000	0.00000	0.00000	-0.01059	1
		1566	46.76660	2.88400	85.00000	0.00000	0.00000	-0.01056	1
		1567	47.52090	2.88400	85.00000	0.00000	0.00000	-0.01053	1
		1568	48.27520	2.88400	85.00000	0.00000	0.00000	-0.01050	1
		1569	49.02950	2.88400	85.00000	0.00000	0.00000	-0.01046	1
		1570	49.78380	2.88400	85.00000	0.00000	0.00000	-0.01041	1
		1571	50.53810	2.88400	85.00000	0.00000	0.00000	-0.01036	1
		1572	51.29240	2.88400	85.00000	0.00000	0.00000	-0.01030	1
		1573	52.04670	2.88400	85.00000	0.00000	0.00000	-0.01024	1
		1574	52.80100	2.88400	85.00000	0.00000	0.00000	-0.01016	1
		1575	53.55530	2.88400	85.00000	0.00000	0.00000	-0.01009	1
		1576	54.30960	2.88400	85.00000	0.00000	0.00000	-0.01000	1
		1577	55.06390	2.88400	85.00000	0.00000	0.00000	-0.00991	1
		1578	55.81820	2.88400	85.00000	0.00000	0.00000	-0.00981	1
		1579	56.57250	2.88400	85.00000	0.00000	0.00000	-0.00970	1
		1580	57.32680	2.88400	85.00000	0.00000	0.00000	-0.00959	1
		1581	58.08110	2.88400	85.00000	0.00000	0.00000	-0.00947	1
		1582	58.83540	2.88400	85.00000	0.00000	0.00000	-0.00935	1
		1583	59.58970	2.88400	85.00000	0.00000	0.00000	-0.00922	1
		1584	60.34400	2.88400	85.00000	0.00000	0.00000	-0.00908	1
		1585	61.09830	2.88400	85.00000	0.00000	0.00000	-0.00895	1
		1586	61.85260	2.88400	85.00000	0.00000	0.00000	-0.00880	1
		1587	62.60690	2.88400	85.00000	0.00000	0.00000	-0.00866	1
		1588	63.36120	2.88400	85.00000	0.00000	0.00000	-0.00851	1
		1589	64.11550	2.88400	85.00000	0.00000	0.00000	-0.00835	1
		1590	64.86980	2.88400	85.00000	0.00000	0.00000	-0.00820	1
		1591	65.62410	2.88400	85.00000	0.00000	0.00000	-0.00804	1
		1592	66.37840	2.88400	85.00000	0.00000	0.00000	-0.00789	1
		1593	67.13270	2.88400	85.00000	0.00000	0.00000	-0.00773	1
		1594	67.88700	2.88400	85.00000	0.00000	0.00000	-0.00757	1
		1595	68.64130	2.88400	85.00000	0.00000	0.00000	-0.00741	1
		1596	69.39560	2.88400	85.00000	0.00000	0.00000	-0.00725	1
		1597	70.14990	2.88400	85.00000	0.00000	0.00000	-0.00709	1
		1598	70.90420	2.88400	85.00000	0.00000	0.00000	-0.00694	1
		1599	71.65850	2.88400	85.00000	0.00000	0.00000	-0.00678	1
		1600	72.41280	2.88400	85.00000	0.00000	0.00000	-0.00662	1
		1601	73.16710	2.88400	85.00000	0.00000	0.00000	-0.00647	1
		1602	73.92140	2.88400	85.00000	0.00000	0.00000	-0.00632	1
		1603	74.67570	2.88400	85.00000	0.00000	0.00000	-0.00617	1
		1604	75.43000	2.88400	85.00000	0.00000	0.00000	-0.00602	1
		1605	0.00000	3.60500	85.00000	0.00000	0.00000	-0.00593	1
		1606	0.75430	3.60500	85.00000	0.00000	0.00000	-0.00608	1
		1607	1.50860	3.60500	85.00000	0.00000	0.00000	-0.00623	1
		1608	2.26290	3.60500	85.00000	0.00000	0.00000	-0.00638	1
		1609	3.01720	3.60500	85.00000	0.00000	0.00000	-0.00654	1
		1610	3.77150	3.60500	85.00000	0.00000	0.00000	-0.00670	1
		1611	4.52580	3.60500	85.00000	0.00000	0.00000	-0.00686	1
		1612	5.28010	3.60500	85.00000	0.00000	0.00000	-0.00702	1
		1613	6.03440	3.60500	85.00000	0.00000	0.00000	-0.00718	1
		1614	6.78870	3.60500	85.00000	0.00000	0.00000	-0.00734	1
		1615	7.54300	3.60500	85.00000	0.00000	0.00000	-0.00751	1
		1616	8.29730	3.60500	85.00000	0.00000	0.00000	-0.00767	1
		1617	9.05160	3.60500	85.00000	0.00000	0.00000	-0.00783	1
		1618	9.80590	3.60500	85.00000	0.00000	0.00000	-0.00800	1
		1619	10.56020	3.60500	85.00000	0.00000	0.00000	-0.00816	1
		1620	11.31450	3.60500	85.00000	0.00000	0.00000	-0.00832	1
		1621	12.06880	3.60500	85.00000	0.00000	0.00000	-0.00848	1
		1622	12.82310	3.60500	85.00000	0.00000	0.00000	-0.00864	1
		1623	13.57740	3.60500	85.00000	0.00000	0.00000	-0.00879	1
		1624	14.33170	3.60500	85.00000	0.00000	0.00000	-0.00894	1
		1625	15.08600	3.60500	85.00000	0.00000	0.00000	-0.00909	1
		1626	15.84030	3.60500	85.00000	0.00000	0.00000	-0.00923	1
		1627	16.59460	3.60500	85.00000	0.00000	0.00000	-0.00937	1
		1628	17.34890	3.60500	85.00000	0.00000	0.00000	-0.00950	1
		1629	18.10320	3.60500	85.00000	0.00000	0.00000	-0.00963	1
		1630	18.85750	3.60500	85.00000	0.00000	0.00000	-0.00975	1
		1631	19.61180	3.60500	85.00000	0.00000	0.00000	-0.00987	1
		1632	20.36610	3.60500	85.00000	0.00000	0.00000	-0.00997	1
		1633	21.12040	3.60500	85.00000	0.00000	0.00000	-0.01007	1
		1634	21.87470	3.60500	85.00000	0.00000	0.00000	-0.01017	1
		1635	22.62900	3.60500	85.00000	0.00000	0.00000	-0.01025	1
		1636	23.38330	3.60500	85.00000	0.00000	0.00000	-0.01033	1
		1637	24.13760	3.60500	85.00000	0.00000	0.00000	-0.01039	1
		1638	24.89190	3.60500	85.00000	0.00000	0.00000	-0.01046	1
		1639	25.64620	3.60500	85.00000	0.00000	0.00000	-0.01051	1
		1640	26.40050	3.60500	85.00000	0.00000	0.00000	-0.01055	1
		1641	27.15480	3.60500	85.00000	0.00000	0.00000	-0.01059	1
		1642	27.90910	3.60500	85.00000	0.00000	0.00000	-0.01062	1
		1643	28.66340	3.60500	85.00000	0.00000	0.00000	-0.01065	1
		1644	29.41770	3.60500	85.00000	0.00000	0.00000	-0.01067	1
		1645	30.17200	3.60500	85.00000	0.00000	0.00000	-0.01068	1
		1646	30.92630	3.60500	85.00000	0.00000	0.00000	-0.01069	1
		1647	31.68060	3.60500	85.00000	0.00000	0.00000	-0.01070	1
		1648	32.43490	3.60500	85.00000	0.00000	0.00000	-0.01070	1
		1649	33.18920	3.60500	85.00000	0.00000	0.00000	-0.0.	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		1683	58.83540	3.60500	85.00000	0.00000	0.00000	-0.00954	1
		1684	59.58970	3.60500	85.00000	0.00000	0.00000	-0.00941	1
		1685	60.34400	3.60500	85.00000	0.00000	0.00000	-0.00928	1
		1686	61.09830	3.60500	85.00000	0.00000	0.00000	-0.00914	1
		1687	61.85260	3.60500	85.00000	0.00000	0.00000	-0.00900	1
		1688	62.60690	3.60500	85.00000	0.00000	0.00000	-0.00885	1
		1689	63.36120	3.60500	85.00000	0.00000	0.00000	-0.00870	1
		1690	64.11550	3.60500	85.00000	0.00000	0.00000	-0.00854	1
		1691	64.86980	3.60500	85.00000	0.00000	0.00000	-0.00839	1
		1692	65.62410	3.60500	85.00000	0.00000	0.00000	-0.00823	1
		1693	66.37840	3.60500	85.00000	0.00000	0.00000	-0.00807	1
		1694	67.13270	3.60500	85.00000	0.00000	0.00000	-0.00790	1
		1695	67.88700	3.60500	85.00000	0.00000	0.00000	-0.00774	1
		1696	68.64130	3.60500	85.00000	0.00000	0.00000	-0.00758	1
		1697	69.39560	3.60500	85.00000	0.00000	0.00000	-0.00741	1
		1698	70.14990	3.60500	85.00000	0.00000	0.00000	-0.00725	1
		1699	70.90420	3.60500	85.00000	0.00000	0.00000	-0.00709	1
		1700	71.65850	3.60500	85.00000	0.00000	0.00000	-0.00693	1
		1701	72.41280	3.60500	85.00000	0.00000	0.00000	-0.00677	1
		1702	73.16710	3.60500	85.00000	0.00000	0.00000	-0.00661	1
		1703	73.92140	3.60500	85.00000	0.00000	0.00000	-0.00645	1
		1704	74.67570	3.60500	85.00000	0.00000	0.00000	-0.00630	1
		1705	75.43000	3.60500	85.00000	0.00000	0.00000	-0.00615	1
		1706	0.00000	4.32600	85.00000	0.00000	0.00000	-0.00605	1
		1707	0.75430	4.32600	85.00000	0.00000	0.00000	-0.00620	1
		1708	1.50860	4.32600	85.00000	0.00000	0.00000	-0.00636	1
		1709	2.26290	4.32600	85.00000	0.00000	0.00000	-0.00652	1
		1710	3.01720	4.32600	85.00000	0.00000	0.00000	-0.00668	1
		1711	3.77150	4.32600	85.00000	0.00000	0.00000	-0.00684	1
		1712	4.52580	4.32600	85.00000	0.00000	0.00000	-0.00701	1
		1713	5.28010	4.32600	85.00000	0.00000	0.00000	-0.00717	1
		1714	6.03440	4.32600	85.00000	0.00000	0.00000	-0.00734	1
		1715	6.78870	4.32600	85.00000	0.00000	0.00000	-0.00751	1
		1716	7.54300	4.32600	85.00000	0.00000	0.00000	-0.00767	1
		1717	8.29730	4.32600	85.00000	0.00000	0.00000	-0.00784	1
		1718	9.05160	4.32600	85.00000	0.00000	0.00000	-0.00801	1
		1719	9.80590	4.32600	85.00000	0.00000	0.00000	-0.00818	1
		1720	10.56020	4.32600	85.00000	0.00000	0.00000	-0.00834	1
		1721	11.31450	4.32600	85.00000	0.00000	0.00000	-0.00851	1
		1722	12.06880	4.32600	85.00000	0.00000	0.00000	-0.00867	1
		1723	12.82310	4.32600	85.00000	0.00000	0.00000	-0.00883	1
		1724	13.57740	4.32600	85.00000	0.00000	0.00000	-0.00898	1
		1725	14.33170	4.32600	85.00000	0.00000	0.00000	-0.00914	1
		1726	15.08600	4.32600	85.00000	0.00000	0.00000	-0.00928	1
		1727	15.84030	4.32600	85.00000	0.00000	0.00000	-0.00943	1
		1728	16.59460	4.32600	85.00000	0.00000	0.00000	-0.00956	1
		1729	17.34890	4.32600	85.00000	0.00000	0.00000	-0.00969	1
		1730	18.10320	4.32600	85.00000	0.00000	0.00000	-0.00982	1
		1731	18.85750	4.32600	85.00000	0.00000	0.00000	-0.00993	1
		1732	19.61180	4.32600	85.00000	0.00000	0.00000	-0.01004	1
		1733	20.36610	4.32600	85.00000	0.00000	0.00000	-0.01014	1
		1734	21.12040	4.32600	85.00000	0.00000	0.00000	-0.01024	1
		1735	21.87470	4.32600	85.00000	0.00000	0.00000	-0.01032	1
		1736	22.62900	4.32600	85.00000	0.00000	0.00000	-0.01040	1
		1737	23.38330	4.32600	85.00000	0.00000	0.00000	-0.01046	1
		1738	24.13760	4.32600	85.00000	0.00000	0.00000	-0.01052	1
		1739	24.89190	4.32600	85.00000	0.00000	0.00000	-0.01057	1
		1740	25.64620	4.32600	85.00000	0.00000	0.00000	-0.01061	1
		1741	26.40050	4.32600	85.00000	0.00000	0.00000	-0.01064	1
		1742	27.15480	4.32600	85.00000	0.00000	0.00000	-0.01066	1
		1743	27.90910	4.32600	85.00000	0.00000	0.00000	-0.01068	1
		1744	28.66340	4.32600	85.00000	0.00000	0.00000	-0.01069	1
		1745	29.41770	4.32600	85.00000	0.00000	0.00000	-0.01069	1
		1746	30.17200	4.32600	85.00000	0.00000	0.00000	-0.01069	1
		1747	30.92630	4.32600	85.00000	0.00000	0.00000	-0.01069	1
		1748	31.68060	4.32600	85.00000	0.00000	0.00000	-0.01068	1
		1749	32.43490	4.32600	85.00000	0.00000	0.00000	-0.01067	1
		1750	33.18920	4.32600	85.00000	0.00000	0.00000	-0.01065	1
		1751	33.94350	4.32600	85.00000	0.00000	0.00000	-0.01064	1
		1752	34.69780	4.32600	85.00000	0.00000	0.00000	-0.01062	1
		1753	35.45210	4.32600	85.00000	0.00000	0.00000	-0.01061	1
		1754	36.20640	4.32600	85.00000	0.00000	0.00000	-0.01060	1
		1755	36.96070	4.32600	85.00000	0.00000	0.00000	-0.01059	1
		1756	37.71500	4.32600	85.00000	0.00000	0.00000	-0.01058	1
		1757	38.46930	4.32600	85.00000	0.00000	0.00000	-0.01058	1
		1758	39.22360	4.32600	85.00000	0.00000	0.00000	-0.01057	1
		1759	39.97790	4.32600	85.00000	0.00000	0.00000	-0.01057	1
		1760	40.73220	4.32600	85.00000	0.00000	0.00000	-0.01058	1
		1761	41.48650	4.32600	85.00000	0.00000	0.00000	-0.01058	1
		1762	42.24080	4.32600	85.00000	0.00000	0.00000	-0.01059	1
		1763	42.99510	4.32600	85.00000	0.00000	0.00000	-0.01060	1
		1764	43.74940	4.32600	85.00000	0.00000	0.00000	-0.01060	1
		1765	44.50370	4.32600	85.00000	0.00000	0.00000	-0.01061	1
		1766	45.25800	4.32600	85.00000	0.00000	0.00000	-0.01062	1
		1767	46.01230	4.32600	85.00000	0.00000	0.00000	-0.01062	1
		1768	46.76660	4.32600	85.00000	0.00000	0.00000	-0.01062	1
		1769	47.52090	4.32600	85.00000	0.00000	0.00000	-0.01062	1
		1770	48.27520	4.32600	85.00000	0.00000	0.00000	-0.01061	1
		1771	49.02950	4.32600	85.00000	0.00000	0.00000	-0.01060	1
		1772	49.78380	4.32600	85.00000	0.00000	0.00000	-0.01058	1
		1773	50.53810	4.32600	85.00000	0.00000	0.00000	-0.01056	1
		1774	51.29240	4.32600	85.00000	0.00000	0.00000	-0.01052	1
		1775	52.04670	4.32600	85.00000	0.00000	0.00000	-0.01048	1
		1776	52.80100	4.32600	85.00000	0.00000	0.00000	-0.01043	1
		1777	53.55530	4.32600	85.00000	0.00000	0.00000	-0.01037	1
		1778	54.30960	4.32600	85.00000	0.00000	0.00000	-0.01030	1
		1779	55.06390	4.32600	85.00000	0.00000	0.00000	-0.01	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		1813	4.52580	5.04700	85.00000	0.00000	0.00000	-0.00716	1
		1814	5.28010	5.04700	85.00000	0.00000	0.00000	-0.00733	1
		1815	6.03440	5.04700	85.00000	0.00000	0.00000	-0.00750	1
		1816	6.78870	5.04700	85.00000	0.00000	0.00000	-0.00767	1
		1817	7.54300	5.04700	85.00000	0.00000	0.00000	-0.00784	1
		1818	8.29730	5.04700	85.00000	0.00000	0.00000	-0.00801	1
		1819	9.05160	5.04700	85.00000	0.00000	0.00000	-0.00819	1
		1820	9.80590	5.04700	85.00000	0.00000	0.00000	-0.00836	1
		1821	10.56020	5.04700	85.00000	0.00000	0.00000	-0.00852	1
		1822	11.31450	5.04700	85.00000	0.00000	0.00000	-0.00869	1
		1823	12.06880	5.04700	85.00000	0.00000	0.00000	-0.00886	1
		1824	12.82310	5.04700	85.00000	0.00000	0.00000	-0.00902	1
		1825	13.57740	5.04700	85.00000	0.00000	0.00000	-0.00917	1
		1826	14.33170	5.04700	85.00000	0.00000	0.00000	-0.00932	1
		1827	15.08600	5.04700	85.00000	0.00000	0.00000	-0.00947	1
		1828	15.84030	5.04700	85.00000	0.00000	0.00000	-0.00961	1
		1829	16.59460	5.04700	85.00000	0.00000	0.00000	-0.00975	1
		1830	17.34890	5.04700	85.00000	0.00000	0.00000	-0.00987	1
		1831	18.10320	5.04700	85.00000	0.00000	0.00000	-0.00999	1
		1832	18.85750	5.04700	85.00000	0.00000	0.00000	-0.01010	1
		1833	19.61180	5.04700	85.00000	0.00000	0.00000	-0.01021	1
		1834	20.36610	5.04700	85.00000	0.00000	0.00000	-0.01030	1
		1835	21.12040	5.04700	85.00000	0.00000	0.00000	-0.01038	1
		1836	21.87470	5.04700	85.00000	0.00000	0.00000	-0.01045	1
		1837	22.62900	5.04700	85.00000	0.00000	0.00000	-0.01052	1
		1838	23.38330	5.04700	85.00000	0.00000	0.00000	-0.01057	1
		1839	24.13760	5.04700	85.00000	0.00000	0.00000	-0.01061	1
		1840	24.89190	5.04700	85.00000	0.00000	0.00000	-0.01064	1
		1841	25.64620	5.04700	85.00000	0.00000	0.00000	-0.01067	1
		1842	26.40050	5.04700	85.00000	0.00000	0.00000	-0.01068	1
		1843	27.15480	5.04700	85.00000	0.00000	0.00000	-0.01068	1
		1844	27.90910	5.04700	85.00000	0.00000	0.00000	-0.01068	1
		1845	28.66340	5.04700	85.00000	0.00000	0.00000	-0.01067	1
		1846	29.41770	5.04700	85.00000	0.00000	0.00000	-0.01066	1
		1847	30.17200	5.04700	85.00000	0.00000	0.00000	-0.01064	1
		1848	30.92630	5.04700	85.00000	0.00000	0.00000	-0.01061	1
		1849	31.68060	5.04700	85.00000	0.00000	0.00000	-0.01058	1
		1850	32.43490	5.04700	85.00000	0.00000	0.00000	-0.01055	1
		1851	33.18920	5.04700	85.00000	0.00000	0.00000	-0.01052	1
		1852	33.94350	5.04700	85.00000	0.00000	0.00000	-0.01050	1
		1853	34.69780	5.04700	85.00000	0.00000	0.00000	-0.01047	1
		1854	35.45210	5.04700	85.00000	0.00000	0.00000	-0.01044	1
		1855	36.20640	5.04700	85.00000	0.00000	0.00000	-0.01042	1
		1856	36.96070	5.04700	85.00000	0.00000	0.00000	-0.01041	1
		1857	37.71500	5.04700	85.00000	0.00000	0.00000	-0.01040	1
		1858	38.46930	5.04700	85.00000	0.00000	0.00000	-0.01039	1
		1859	39.22360	5.04700	85.00000	0.00000	0.00000	-0.01039	1
		1860	39.97790	5.04700	85.00000	0.00000	0.00000	-0.01039	1
		1861	40.73220	5.04700	85.00000	0.00000	0.00000	-0.01040	1
		1862	41.48650	5.04700	85.00000	0.00000	0.00000	-0.01041	1
		1863	42.24080	5.04700	85.00000	0.00000	0.00000	-0.01043	1
		1864	42.99510	5.04700	85.00000	0.00000	0.00000	-0.01045	1
		1865	43.74940	5.04700	85.00000	0.00000	0.00000	-0.01047	1
		1866	44.50370	5.04700	85.00000	0.00000	0.00000	-0.01049	1
		1867	45.25800	5.04700	85.00000	0.00000	0.00000	-0.01052	1
		1868	46.01230	5.04700	85.00000	0.00000	0.00000	-0.01054	1
		1869	46.76660	5.04700	85.00000	0.00000	0.00000	-0.01056	1
		1870	47.52090	5.04700	85.00000	0.00000	0.00000	-0.01058	1
		1871	48.27520	5.04700	85.00000	0.00000	0.00000	-0.01059	1
		1872	49.02950	5.04700	85.00000	0.00000	0.00000	-0.01060	1
		1873	49.78380	5.04700	85.00000	0.00000	0.00000	-0.01060	1
		1874	50.53810	5.04700	85.00000	0.00000	0.00000	-0.01059	1
		1875	51.29240	5.04700	85.00000	0.00000	0.00000	-0.01057	1
		1876	52.04670	5.04700	85.00000	0.00000	0.00000	-0.01055	1
		1877	52.80100	5.04700	85.00000	0.00000	0.00000	-0.01052	1
		1878	53.55530	5.04700	85.00000	0.00000	0.00000	-0.01047	1
		1879	54.30960	5.04700	85.00000	0.00000	0.00000	-0.01042	1
		1880	55.06390	5.04700	85.00000	0.00000	0.00000	-0.01035	1
		1881	55.81820	5.04700	85.00000	0.00000	0.00000	-0.01028	1
		1882	56.57250	5.04700	85.00000	0.00000	0.00000	-0.01020	1
		1883	57.32680	5.04700	85.00000	0.00000	0.00000	-0.01010	1
		1884	58.08110	5.04700	85.00000	0.00000	0.00000	-0.01000	1
		1885	58.83540	5.04700	85.00000	0.00000	0.00000	-0.00989	1
		1886	59.58970	5.04700	85.00000	0.00000	0.00000	-0.00977	1
		1887	60.34400	5.04700	85.00000	0.00000	0.00000	-0.00964	1
		1888	61.09830	5.04700	85.00000	0.00000	0.00000	-0.00951	1
		1889	61.85260	5.04700	85.00000	0.00000	0.00000	-0.00937	1
		1890	62.60690	5.04700	85.00000	0.00000	0.00000	-0.00922	1
		1891	63.36120	5.04700	85.00000	0.00000	0.00000	-0.00907	1
		1892	64.11550	5.04700	85.00000	0.00000	0.00000	-0.00891	1
		1893	64.86980	5.04700	85.00000	0.00000	0.00000	-0.00875	1
		1894	65.62410	5.04700	85.00000	0.00000	0.00000	-0.00859	1
		1895	66.37840	5.04700	85.00000	0.00000	0.00000	-0.00842	1
		1896	67.13270	5.04700	85.00000	0.00000	0.00000	-0.00825	1
		1897	67.88700	5.04700	85.00000	0.00000	0.00000	-0.00808	1
		1898	68.64130	5.04700	85.00000	0.00000	0.00000	-0.00791	1
		1899	69.39560	5.04700	85.00000	0.00000	0.00000	-0.00774	1
		1900	70.14990	5.04700	85.00000	0.00000	0.00000	-0.00757	1
		1901	70.90420	5.04700	85.00000	0.00000	0.00000	-0.00740	1
		1902	71.65850	5.04700	85.00000	0.00000	0.00000	-0.00723	1
		1903	72.41280	5.04700	85.00000	0.00000	0.00000	-0.00706	1
		1904	73.16710	5.04700	85.00000	0.00000	0.00000	-0.00689	1
		1905	73.92140	5.04700	85.00000	0.00000	0.00000	-0.00673	1
		1906	74.67570	5.04700	85.00000	0.00000	0.00000	-0.00656	1
		1907	75.43000	5.04700	85.00000	0.00000	0.00000	-0.00640	1
		1908	0.00000	5.76800	85.00000	0.00000	0.00000	-0.00630	1
		1909	0.75430	5.76800	85.00000	0.00000	0.00000		



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		1943	26.40050	5.76800	85.00000	0.00000	0.00000	-0.01066	1
		1944	27.15480	5.76800	85.00000	0.00000	0.00000	-0.01065	1
		1945	27.90910	5.76800	85.00000	0.00000	0.00000	-0.01062	1
		1946	28.66340	5.76800	85.00000	0.00000	0.00000	-0.01058	1
		1947	29.41770	5.76800	85.00000	0.00000	0.00000	-0.01054	1
		1948	30.17200	5.76800	85.00000	0.00000	0.00000	-0.01050	1
		1949	30.92630	5.76800	85.00000	0.00000	0.00000	-0.01045	1
		1950	31.68060	5.76800	85.00000	0.00000	0.00000	-0.01040	1
		1951	32.43490	5.76800	85.00000	0.00000	0.00000	-0.01035	1
		1952	33.18920	5.76800	85.00000	0.00000	0.00000	-0.01030	1
		1953	33.94350	5.76800	85.00000	0.00000	0.00000	-0.01025	1
		1954	34.69780	5.76800	85.00000	0.00000	0.00000	-0.01021	1
		1955	35.45210	5.76800	85.00000	0.00000	0.00000	-0.01017	1
		1956	36.20640	5.76800	85.00000	0.00000	0.00000	-0.01014	1
		1957	36.96070	5.76800	85.00000	0.00000	0.00000	-0.01011	1
		1958	37.71500	5.76800	85.00000	0.00000	0.00000	-0.01009	1
		1959	38.46930	5.76800	85.00000	0.00000	0.00000	-0.01008	1
		1960	39.22360	5.76800	85.00000	0.00000	0.00000	-0.01008	1
		1961	39.97790	5.76800	85.00000	0.00000	0.00000	-0.01009	1
		1962	40.73220	5.76800	85.00000	0.00000	0.00000	-0.01011	1
		1963	41.48650	5.76800	85.00000	0.00000	0.00000	-0.01013	1
		1964	42.24080	5.76800	85.00000	0.00000	0.00000	-0.01016	1
		1965	42.99510	5.76800	85.00000	0.00000	0.00000	-0.01020	1
		1966	43.74940	5.76800	85.00000	0.00000	0.00000	-0.01024	1
		1967	44.50370	5.76800	85.00000	0.00000	0.00000	-0.01028	1
		1968	45.25800	5.76800	85.00000	0.00000	0.00000	-0.01033	1
		1969	46.01230	5.76800	85.00000	0.00000	0.00000	-0.01037	1
		1970	46.76660	5.76800	85.00000	0.00000	0.00000	-0.01042	1
		1971	47.52090	5.76800	85.00000	0.00000	0.00000	-0.01046	1
		1972	48.27520	5.76800	85.00000	0.00000	0.00000	-0.01050	1
		1973	49.02950	5.76800	85.00000	0.00000	0.00000	-0.01053	1
		1974	49.78380	5.76800	85.00000	0.00000	0.00000	-0.01055	1
		1975	50.53810	5.76800	85.00000	0.00000	0.00000	-0.01057	1
		1976	51.29240	5.76800	85.00000	0.00000	0.00000	-0.01058	1
		1977	52.04670	5.76800	85.00000	0.00000	0.00000	-0.01057	1
		1978	52.80100	5.76800	85.00000	0.00000	0.00000	-0.01056	1
		1979	53.55530	5.76800	85.00000	0.00000	0.00000	-0.01054	1
		1980	54.30960	5.76800	85.00000	0.00000	0.00000	-0.01050	1
		1981	55.06390	5.76800	85.00000	0.00000	0.00000	-0.01045	1
		1982	55.81820	5.76800	85.00000	0.00000	0.00000	-0.01039	1
		1983	56.57250	5.76800	85.00000	0.00000	0.00000	-0.01032	1
		1984	57.32680	5.76800	85.00000	0.00000	0.00000	-0.01024	1
		1985	58.08110	5.76800	85.00000	0.00000	0.00000	-0.01015	1
		1986	58.83540	5.76800	85.00000	0.00000	0.00000	-0.01005	1
		1987	59.58970	5.76800	85.00000	0.00000	0.00000	-0.00993	1
		1988	60.34400	5.76800	85.00000	0.00000	0.00000	-0.00981	1
		1989	61.09830	5.76800	85.00000	0.00000	0.00000	-0.00968	1
		1990	61.85260	5.76800	85.00000	0.00000	0.00000	-0.00955	1
		1991	62.60690	5.76800	85.00000	0.00000	0.00000	-0.00940	1
		1992	63.36120	5.76800	85.00000	0.00000	0.00000	-0.00925	1
		1993	64.11550	5.76800	85.00000	0.00000	0.00000	-0.00909	1
		1994	64.86980	5.76800	85.00000	0.00000	0.00000	-0.00893	1
		1995	65.62410	5.76800	85.00000	0.00000	0.00000	-0.00877	1
		1996	66.37840	5.76800	85.00000	0.00000	0.00000	-0.00860	1
		1997	67.13270	5.76800	85.00000	0.00000	0.00000	-0.00843	1
		1998	67.88700	5.76800	85.00000	0.00000	0.00000	-0.00826	1
		1999	68.64130	5.76800	85.00000	0.00000	0.00000	-0.00808	1
		2000	69.39560	5.76800	85.00000	0.00000	0.00000	-0.00791	1
		2001	70.14990	5.76800	85.00000	0.00000	0.00000	-0.00773	1
		2002	70.90420	5.76800	85.00000	0.00000	0.00000	-0.00756	1
		2003	71.65850	5.76800	85.00000	0.00000	0.00000	-0.00738	1
		2004	72.41280	5.76800	85.00000	0.00000	0.00000	-0.00721	1
		2005	73.16710	5.76800	85.00000	0.00000	0.00000	-0.00704	1
		2006	73.92140	5.76800	85.00000	0.00000	0.00000	-0.00687	1
		2007	74.67570	5.76800	85.00000	0.00000	0.00000	-0.00670	1
		2008	75.43000	5.76800	85.00000	0.00000	0.00000	-0.00653	1
		2009	0.00000	6.48900	85.00000	0.00000	0.00000	-0.00642	1
		2010	0.75430	6.48900	85.00000	0.00000	0.00000	-0.00659	1
		2011	1.50860	6.48900	85.00000	0.00000	0.00000	-0.00676	1
		2012	2.26290	6.48900	85.00000	0.00000	0.00000	-0.00693	1
		2013	3.01720	6.48900	85.00000	0.00000	0.00000	-0.00710	1
		2014	3.77150	6.48900	85.00000	0.00000	0.00000	-0.00728	1
		2015	4.52580	6.48900	85.00000	0.00000	0.00000	-0.00746	1
		2016	5.28010	6.48900	85.00000	0.00000	0.00000	-0.00764	1
		2017	6.03440	6.48900	85.00000	0.00000	0.00000	-0.00782	1
		2018	6.78870	6.48900	85.00000	0.00000	0.00000	-0.00800	1
		2019	7.54300	6.48900	85.00000	0.00000	0.00000	-0.00818	1
		2020	8.29730	6.48900	85.00000	0.00000	0.00000	-0.00836	1
		2021	9.05160	6.48900	85.00000	0.00000	0.00000	-0.00853	1
		2022	9.80590	6.48900	85.00000	0.00000	0.00000	-0.00871	1
		2023	10.56020	6.48900	85.00000	0.00000	0.00000	-0.00888	1
		2024	11.31450	6.48900	85.00000	0.00000	0.00000	-0.00905	1
		2025	12.06880	6.48900	85.00000	0.00000	0.00000	-0.00922	1
		2026	12.82310	6.48900	85.00000	0.00000	0.00000	-0.00938	1
		2027	13.57740	6.48900	85.00000	0.00000	0.00000	-0.00953	1
		2028	14.33170	6.48900	85.00000	0.00000	0.00000	-0.00968	1
		2029	15.08600	6.48900	85.00000	0.00000	0.00000	-0.00982	1
		2030	15.84030	6.48900	85.00000	0.00000	0.00000	-0.00996	1
		2031	16.59460	6.48900	85.00000	0.00000	0.00000	-0.01008	1
		2032	17.34890	6.48900	85.00000	0.00000	0.00000	-0.01019	1
		2033	18.10320	6.48900	85.00000	0.00000	0.00000	-0.01030	1
		2034	18.85750	6.48900	85.00000	0.00000	0.00000	-0.01039	1
		2035	19.61180	6.48900	85.00000	0.00000	0.00000	-0.01047	1
		2036	20.36610	6.48900	85.00000	0.00000	0.00000	-0.01053	1
		2037	21.12040	6.48900	85.00000	0.00000	0.00000	-0.01059	1
		2038	21.87470	6.48900	85.00000	0.00000	0.00000	-0.01063	1
		2039	22.62900	6.48900	85.00000	0.00000	0.00000	-0.01065	1
		2040	23.38330	6.489					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		2073	49.27520	6.48900	85.00000	0.00000	0.00000	-0.01031	1
		2074	49.02950	6.48900	85.00000	0.00000	0.00000	-0.01038	1
		2075	49.78380	6.48900	85.00000	0.00000	0.00000	-0.01043	1
		2076	50.53810	6.48900	85.00000	0.00000	0.00000	-0.01048	1
		2077	51.29240	6.48900	85.00000	0.00000	0.00000	-0.01052	1
		2078	52.04670	6.48900	85.00000	0.00000	0.00000	-0.01054	1
		2079	52.80100	6.48900	85.00000	0.00000	0.00000	-0.01056	1
		2080	53.55530	6.48900	85.00000	0.00000	0.00000	-0.01056	1
		2081	54.30960	6.48900	85.00000	0.00000	0.00000	-0.01054	1
		2082	55.06390	6.48900	85.00000	0.00000	0.00000	-0.01052	1
		2083	55.81820	6.48900	85.00000	0.00000	0.00000	-0.01048	1
		2084	56.57250	6.48900	85.00000	0.00000	0.00000	-0.01042	1
		2085	57.32680	6.48900	85.00000	0.00000	0.00000	-0.01036	1
		2086	58.08110	6.48900	85.00000	0.00000	0.00000	-0.01028	1
		2087	58.83540	6.48900	85.00000	0.00000	0.00000	-0.01019	1
		2088	59.58970	6.48900	85.00000	0.00000	0.00000	-0.01008	1
		2089	60.34400	6.48900	85.00000	0.00000	0.00000	-0.00997	1
		2090	61.09830	6.48900	85.00000	0.00000	0.00000	-0.00985	1
		2091	61.85260	6.48900	85.00000	0.00000	0.00000	-0.00971	1
		2092	62.60690	6.48900	85.00000	0.00000	0.00000	-0.00957	1
		2093	63.36120	6.48900	85.00000	0.00000	0.00000	-0.00942	1
		2094	64.11550	6.48900	85.00000	0.00000	0.00000	-0.00927	1
		2095	64.86980	6.48900	85.00000	0.00000	0.00000	-0.00911	1
		2096	65.62410	6.48900	85.00000	0.00000	0.00000	-0.00894	1
		2097	66.37840	6.48900	85.00000	0.00000	0.00000	-0.00877	1
		2098	67.13270	6.48900	85.00000	0.00000	0.00000	-0.00860	1
		2099	67.88700	6.48900	85.00000	0.00000	0.00000	-0.00843	1
		2100	68.64130	6.48900	85.00000	0.00000	0.00000	-0.00825	1
		2101	69.39560	6.48900	85.00000	0.00000	0.00000	-0.00807	1
		2102	70.14990	6.48900	85.00000	0.00000	0.00000	-0.00789	1
		2103	70.90420	6.48900	85.00000	0.00000	0.00000	-0.00771	1
		2104	71.65850	6.48900	85.00000	0.00000	0.00000	-0.00753	1
		2105	72.41280	6.48900	85.00000	0.00000	0.00000	-0.00736	1
		2106	73.16710	6.48900	85.00000	0.00000	0.00000	-0.00718	1
		2107	73.92140	6.48900	85.00000	0.00000	0.00000	-0.00700	1
		2108	74.67570	6.48900	85.00000	0.00000	0.00000	-0.00683	1
		2109	75.43000	6.48900	85.00000	0.00000	0.00000	-0.00666	1
		2110	0.00000	7.21000	85.00000	0.00000	0.00000	-0.00654	1
		2111	0.75430	7.21000	85.00000	0.00000	0.00000	-0.00672	1
		2112	1.50860	7.21000	85.00000	0.00000	0.00000	-0.00689	1
		2113	2.26290	7.21000	85.00000	0.00000	0.00000	-0.00707	1
		2114	3.01720	7.21000	85.00000	0.00000	0.00000	-0.00725	1
		2115	3.77150	7.21000	85.00000	0.00000	0.00000	-0.00743	1
		2116	4.52580	7.21000	85.00000	0.00000	0.00000	-0.00761	1
		2117	5.28010	7.21000	85.00000	0.00000	0.00000	-0.00779	1
		2118	6.03440	7.21000	85.00000	0.00000	0.00000	-0.00798	1
		2119	6.78870	7.21000	85.00000	0.00000	0.00000	-0.00816	1
		2120	7.54300	7.21000	85.00000	0.00000	0.00000	-0.00834	1
		2121	8.29730	7.21000	85.00000	0.00000	0.00000	-0.00853	1
		2122	9.05160	7.21000	85.00000	0.00000	0.00000	-0.00871	1
		2123	9.80590	7.21000	85.00000	0.00000	0.00000	-0.00889	1
		2124	10.56020	7.21000	85.00000	0.00000	0.00000	-0.00906	1
		2125	11.31450	7.21000	85.00000	0.00000	0.00000	-0.00923	1
		2126	12.06880	7.21000	85.00000	0.00000	0.00000	-0.00939	1
		2127	12.82310	7.21000	85.00000	0.00000	0.00000	-0.00955	1
		2128	13.57740	7.21000	85.00000	0.00000	0.00000	-0.00971	1
		2129	14.33170	7.21000	85.00000	0.00000	0.00000	-0.00985	1
		2130	15.08600	7.21000	85.00000	0.00000	0.00000	-0.00999	1
		2131	15.84030	7.21000	85.00000	0.00000	0.00000	-0.01011	1
		2132	16.59460	7.21000	85.00000	0.00000	0.00000	-0.01023	1
		2133	17.34890	7.21000	85.00000	0.00000	0.00000	-0.01033	1
		2134	18.10320	7.21000	85.00000	0.00000	0.00000	-0.01042	1
		2135	18.85750	7.21000	85.00000	0.00000	0.00000	-0.01050	1
		2136	19.61180	7.21000	85.00000	0.00000	0.00000	-0.01056	1
		2137	20.36610	7.21000	85.00000	0.00000	0.00000	-0.01061	1
		2138	21.12040	7.21000	85.00000	0.00000	0.00000	-0.01064	1
		2139	21.87470	7.21000	85.00000	0.00000	0.00000	-0.01065	1
		2140	22.62900	7.21000	85.00000	0.00000	0.00000	-0.01065	1
		2141	23.38330	7.21000	85.00000	0.00000	0.00000	-0.01064	1
		2142	24.13760	7.21000	85.00000	0.00000	0.00000	-0.01061	1
		2143	24.89190	7.21000	85.00000	0.00000	0.00000	-0.01056	1
		2144	25.64620	7.21000	85.00000	0.00000	0.00000	-0.01050	1
		2145	26.40050	7.21000	85.00000	0.00000	0.00000	-0.01042	1
		2146	27.15480	7.21000	85.00000	0.00000	0.00000	-0.01034	1
		2147	27.90910	7.21000	85.00000	0.00000	0.00000	-0.01024	1
		2148	28.66340	7.21000	85.00000	0.00000	0.00000	-0.01013	1
		2149	29.41770	7.21000	85.00000	0.00000	0.00000	-0.01002	1
		2150	30.17200	7.21000	85.00000	0.00000	0.00000	-0.00990	1
		2151	30.92630	7.21000	85.00000	0.00000	0.00000	-0.00979	1
		2152	31.68060	7.21000	85.00000	0.00000	0.00000	-0.00967	1
		2153	32.43490	7.21000	85.00000	0.00000	0.00000	-0.00955	1
		2154	33.18920	7.21000	85.00000	0.00000	0.00000	-0.00945	1
		2155	33.94350	7.21000	85.00000	0.00000	0.00000	-0.00934	1
		2156	34.69780	7.21000	85.00000	0.00000	0.00000	-0.00925	1
		2157	35.45210	7.21000	85.00000	0.00000	0.00000	-0.00918	1
		2158	36.20640	7.21000	85.00000	0.00000	0.00000	-0.00911	1
		2159	36.96070	7.21000	85.00000	0.00000	0.00000	-0.00906	1
		2160	37.71500	7.21000	85.00000	0.00000	0.00000	-0.00903	1
		2161	38.46930	7.21000	85.00000	0.00000	0.00000	-0.00902	1
		2162	39.22360	7.21000	85.00000	0.00000	0.00000	-0.00902	1
		2163	39.97790	7.21000	85.00000	0.00000	0.00000	-0.00904	1
		2164	40.73220	7.21000	85.00000	0.00000	0.00000	-0.00908	1
		2165	41.48650	7.21000	85.00000	0.00000	0.00000	-0.00913	1
		2166	42.24080	7.21000	85.00000	0.00000	0.00000	-0.00920	1
		2167	42.99510	7.21000	85.00000	0.00000	0.00000	-0.00928	1
		2168	43.74940	7.21000	85.00000	0.00000	0.00000	-0.00937	1
		2169	44.50370	7.21000	85.00000	0.00000	0.00000	-0.00	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		2203	70.14990	7.21000	85.00000	0.00000	0.00000	-0.00805	1
		2204	70.90420	7.21000	85.00000	0.00000	0.00000	-0.00787	1
		2205	71.65850	7.21000	85.00000	0.00000	0.00000	-0.00768	1
		2206	72.41280	7.21000	85.00000	0.00000	0.00000	-0.00750	1
		2207	73.16710	7.21000	85.00000	0.00000	0.00000	-0.00732	1
		2208	73.92140	7.21000	85.00000	0.00000	0.00000	-0.00714	1
		2209	74.67570	7.21000	85.00000	0.00000	0.00000	-0.00697	1
		2210	75.43000	7.21000	85.00000	0.00000	0.00000	-0.00679	1
		2211	0.00000	7.93100	85.00000	0.00000	0.00000	-0.00667	1
		2212	0.75430	7.93100	85.00000	0.00000	0.00000	-0.00684	1
		2213	1.50860	7.93100	85.00000	0.00000	0.00000	-0.00702	1
		2214	2.26290	7.93100	85.00000	0.00000	0.00000	-0.00720	1
		2215	3.01720	7.93100	85.00000	0.00000	0.00000	-0.00739	1
		2216	3.77150	7.93100	85.00000	0.00000	0.00000	-0.00757	1
		2217	4.52580	7.93100	85.00000	0.00000	0.00000	-0.00776	1
		2218	5.28010	7.93100	85.00000	0.00000	0.00000	-0.00795	1
		2219	6.03440	7.93100	85.00000	0.00000	0.00000	-0.00813	1
		2220	6.78870	7.93100	85.00000	0.00000	0.00000	-0.00832	1
		2221	7.54300	7.93100	85.00000	0.00000	0.00000	-0.00851	1
		2222	8.29730	7.93100	85.00000	0.00000	0.00000	-0.00869	1
		2223	9.05160	7.93100	85.00000	0.00000	0.00000	-0.00887	1
		2224	9.80590	7.93100	85.00000	0.00000	0.00000	-0.00905	1
		2225	10.56020	7.93100	85.00000	0.00000	0.00000	-0.00923	1
		2226	11.31450	7.93100	85.00000	0.00000	0.00000	-0.00940	1
		2227	12.06880	7.93100	85.00000	0.00000	0.00000	-0.00956	1
		2228	12.82310	7.93100	85.00000	0.00000	0.00000	-0.00972	1
		2229	13.57740	7.93100	85.00000	0.00000	0.00000	-0.00987	1
		2230	14.33170	7.93100	85.00000	0.00000	0.00000	-0.01001	1
		2231	15.08600	7.93100	85.00000	0.00000	0.00000	-0.01013	1
		2232	15.84030	7.93100	85.00000	0.00000	0.00000	-0.01025	1
		2233	16.59460	7.93100	85.00000	0.00000	0.00000	-0.01036	1
		2234	17.34890	7.93100	85.00000	0.00000	0.00000	-0.01045	1
		2235	18.10320	7.93100	85.00000	0.00000	0.00000	-0.01052	1
		2236	18.85750	7.93100	85.00000	0.00000	0.00000	-0.01058	1
		2237	19.61180	7.93100	85.00000	0.00000	0.00000	-0.01062	1
		2238	20.36610	7.93100	85.00000	0.00000	0.00000	-0.01064	1
		2239	21.12040	7.93100	85.00000	0.00000	0.00000	-0.01065	1
		2240	21.87470	7.93100	85.00000	0.00000	0.00000	-0.01063	1
		2241	22.62900	7.93100	85.00000	0.00000	0.00000	-0.01060	1
		2242	23.38330	7.93100	85.00000	0.00000	0.00000	-0.01055	1
		2243	24.13760	7.93100	85.00000	0.00000	0.00000	-0.01048	1
		2244	24.89190	7.93100	85.00000	0.00000	0.00000	-0.01039	1
		2245	25.64620	7.93100	85.00000	0.00000	0.00000	-0.01028	1
		2246	26.40050	7.93100	85.00000	0.00000	0.00000	-0.01016	1
		2247	27.15480	7.93100	85.00000	0.00000	0.00000	-0.01003	1
		2248	27.90910	7.93100	85.00000	0.00000	0.00000	-0.00988	1
		2249	28.66340	7.93100	85.00000	0.00000	0.00000	-0.00973	1
		2250	29.41770	7.93100	85.00000	0.00000	0.00000	-0.00957	1
		2251	30.17200	7.93100	85.00000	0.00000	0.00000	-0.00940	1
		2252	30.92630	7.93100	85.00000	0.00000	0.00000	-0.00924	1
		2253	31.68060	7.93100	85.00000	0.00000	0.00000	-0.00907	1
		2254	32.43490	7.93100	85.00000	0.00000	0.00000	-0.00891	1
		2255	33.18920	7.93100	85.00000	0.00000	0.00000	-0.00876	1
		2256	33.94350	7.93100	85.00000	0.00000	0.00000	-0.00862	1
		2257	34.69780	7.93100	85.00000	0.00000	0.00000	-0.00850	1
		2258	35.45210	7.93100	85.00000	0.00000	0.00000	-0.00839	1
		2259	36.20640	7.93100	85.00000	0.00000	0.00000	-0.00831	1
		2260	36.96070	7.93100	85.00000	0.00000	0.00000	-0.00824	1
		2261	37.71500	7.93100	85.00000	0.00000	0.00000	-0.00820	1
		2262	38.46930	7.93100	85.00000	0.00000	0.00000	-0.00818	1
		2263	39.22360	7.93100	85.00000	0.00000	0.00000	-0.00819	1
		2264	39.97790	7.93100	85.00000	0.00000	0.00000	-0.00821	1
		2265	40.73220	7.93100	85.00000	0.00000	0.00000	-0.00827	1
		2266	41.48650	7.93100	85.00000	0.00000	0.00000	-0.00834	1
		2267	42.24080	7.93100	85.00000	0.00000	0.00000	-0.00844	1
		2268	42.99510	7.93100	85.00000	0.00000	0.00000	-0.00855	1
		2269	43.74940	7.93100	85.00000	0.00000	0.00000	-0.00868	1
		2270	44.50370	7.93100	85.00000	0.00000	0.00000	-0.00882	1
		2271	45.25800	7.93100	85.00000	0.00000	0.00000	-0.00897	1
		2272	46.01230	7.93100	85.00000	0.00000	0.00000	-0.00913	1
		2273	46.76660	7.93100	85.00000	0.00000	0.00000	-0.00929	1
		2274	47.52090	7.93100	85.00000	0.00000	0.00000	-0.00945	1
		2275	48.27520	7.93100	85.00000	0.00000	0.00000	-0.00961	1
		2276	49.02950	7.93100	85.00000	0.00000	0.00000	-0.00976	1
		2277	49.78380	7.93100	85.00000	0.00000	0.00000	-0.00991	1
		2278	50.53810	7.93100	85.00000	0.00000	0.00000	-0.01004	1
		2279	51.29240	7.93100	85.00000	0.00000	0.00000	-0.01016	1
		2280	52.04670	7.93100	85.00000	0.00000	0.00000	-0.01027	1
		2281	52.80100	7.93100	85.00000	0.00000	0.00000	-0.01035	1
		2282	53.55530	7.93100	85.00000	0.00000	0.00000	-0.01043	1
		2283	54.30960	7.93100	85.00000	0.00000	0.00000	-0.01048	1
		2284	55.06390	7.93100	85.00000	0.00000	0.00000	-0.01051	1
		2285	55.81820	7.93100	85.00000	0.00000	0.00000	-0.01053	1
		2286	56.57250	7.93100	85.00000	0.00000	0.00000	-0.01052	1
		2287	57.32680	7.93100	85.00000	0.00000	0.00000	-0.01050	1
		2288	58.08110	7.93100	85.00000	0.00000	0.00000	-0.01046	1
		2289	58.83540	7.93100	85.00000	0.00000	0.00000	-0.01040	1
		2290	59.58970	7.93100	85.00000	0.00000	0.00000	-0.01033	1
		2291	60.34400	7.93100	85.00000	0.00000	0.00000	-0.01024	1
		2292	61.09830	7.93100	85.00000	0.00000	0.00000	-0.01013	1
		2293	61.85260	7.93100	85.00000	0.00000	0.00000	-0.01002	1
		2294	62.60690	7.93100	85.00000	0.00000	0.00000	-0.00989	1
		2295	63.36120	7.93100	85.00000	0.00000	0.00000	-0.00975	1
		2296	64.11550	7.93100	85.00000	0.00000	0.00000	-0.00960	1
		2297	64.86980	7.93100	85.00000	0.00000	0.00000	-0.00944	1
		2298	65.62410	7.93100	85.00000	0.00000	0.00000	-0.00928	1
		2299	66.37840	7.93100	85.00000	0.00000	0.00000	-0.00	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		2333	15.84030	8.65200	85.00000	0.00000	0.00000	-0.01037	1
		2334	16.59460	8.65200	85.00000	0.00000	0.00000	-0.01046	1
		2335	17.34890	8.65200	85.00000	0.00000	0.00000	-0.01053	1
		2336	18.10320	8.65200	85.00000	0.00000	0.00000	-0.01059	1
		2337	18.85750	8.65200	85.00000	0.00000	0.00000	-0.01062	1
		2338	19.61180	8.65200	85.00000	0.00000	0.00000	-0.01064	1
		2339	20.36610	8.65200	85.00000	0.00000	0.00000	-0.01063	1
		2340	21.12040	8.65200	85.00000	0.00000	0.00000	-0.01060	1
		2341	21.87470	8.65200	85.00000	0.00000	0.00000	-0.01055	1
		2342	22.62900	8.65200	85.00000	0.00000	0.00000	-0.01048	1
		2343	23.38330	8.65200	85.00000	0.00000	0.00000	-0.01038	1
		2344	24.13760	8.65200	85.00000	0.00000	0.00000	-0.01027	1
		2345	24.89190	8.65200	85.00000	0.00000	0.00000	-0.01013	1
		2346	25.64620	8.65200	85.00000	0.00000	0.00000	-0.00997	1
		2347	26.40050	8.65200	85.00000	0.00000	0.00000	-0.00979	1
		2348	27.15480	8.65200	85.00000	0.00000	0.00000	-0.00960	1
		2349	27.90910	8.65200	85.00000	0.00000	0.00000	-0.00939	1
		2350	28.66340	8.65200	85.00000	0.00000	0.00000	-0.00917	1
		2351	29.41770	8.65200	85.00000	0.00000	0.00000	-0.00895	1
		2352	30.17200	8.65200	85.00000	0.00000	0.00000	-0.00872	1
		2353	30.92630	8.65200	85.00000	0.00000	0.00000	-0.00850	1
		2354	31.68060	8.65200	85.00000	0.00000	0.00000	-0.00827	1
		2355	32.43490	8.65200	85.00000	0.00000	0.00000	-0.00806	1
		2356	33.18920	8.65200	85.00000	0.00000	0.00000	-0.00786	1
		2357	33.94350	8.65200	85.00000	0.00000	0.00000	-0.00767	1
		2358	34.69780	8.65200	85.00000	0.00000	0.00000	-0.00751	1
		2359	35.45210	8.65200	85.00000	0.00000	0.00000	-0.00737	1
		2360	36.20640	8.65200	85.00000	0.00000	0.00000	-0.00725	1
		2361	36.96070	8.65200	85.00000	0.00000	0.00000	-0.00717	1
		2362	37.71500	8.65200	85.00000	0.00000	0.00000	-0.00711	1
		2363	38.46930	8.65200	85.00000	0.00000	0.00000	-0.00708	1
		2364	39.22360	8.65200	85.00000	0.00000	0.00000	-0.00709	1
		2365	39.97790	8.65200	85.00000	0.00000	0.00000	-0.00713	1
		2366	40.73220	8.65200	85.00000	0.00000	0.00000	-0.00720	1
		2367	41.48650	8.65200	85.00000	0.00000	0.00000	-0.00730	1
		2368	42.24080	8.65200	85.00000	0.00000	0.00000	-0.00743	1
		2369	42.99510	8.65200	85.00000	0.00000	0.00000	-0.00759	1
		2370	43.74940	8.65200	85.00000	0.00000	0.00000	-0.00776	1
		2371	44.50370	8.65200	85.00000	0.00000	0.00000	-0.00795	1
		2372	45.25800	8.65200	85.00000	0.00000	0.00000	-0.00816	1
		2373	46.01230	8.65200	85.00000	0.00000	0.00000	-0.00837	1
		2374	46.76660	8.65200	85.00000	0.00000	0.00000	-0.00860	1
		2375	47.52090	8.65200	85.00000	0.00000	0.00000	-0.00882	1
		2376	48.27520	8.65200	85.00000	0.00000	0.00000	-0.00904	1
		2377	49.02950	8.65200	85.00000	0.00000	0.00000	-0.00926	1
		2378	49.78380	8.65200	85.00000	0.00000	0.00000	-0.00946	1
		2379	50.53810	8.65200	85.00000	0.00000	0.00000	-0.00966	1
		2380	51.29240	8.65200	85.00000	0.00000	0.00000	-0.00983	1
		2381	52.04670	8.65200	85.00000	0.00000	0.00000	-0.00999	1
		2382	52.80100	8.65200	85.00000	0.00000	0.00000	-0.01013	1
		2383	53.55530	8.65200	85.00000	0.00000	0.00000	-0.01025	1
		2384	54.30960	8.65200	85.00000	0.00000	0.00000	-0.01035	1
		2385	55.06390	8.65200	85.00000	0.00000	0.00000	-0.01042	1
		2386	55.81820	8.65200	85.00000	0.00000	0.00000	-0.01048	1
		2387	56.57250	8.65200	85.00000	0.00000	0.00000	-0.01051	1
		2388	57.32680	8.65200	85.00000	0.00000	0.00000	-0.01051	1
		2389	58.08110	8.65200	85.00000	0.00000	0.00000	-0.01050	1
		2390	58.83540	8.65200	85.00000	0.00000	0.00000	-0.01046	1
		2391	59.58970	8.65200	85.00000	0.00000	0.00000	-0.01041	1
		2392	60.34400	8.65200	85.00000	0.00000	0.00000	-0.01034	1
		2393	61.09830	8.65200	85.00000	0.00000	0.00000	-0.01025	1
		2394	61.85260	8.65200	85.00000	0.00000	0.00000	-0.01015	1
		2395	62.60690	8.65200	85.00000	0.00000	0.00000	-0.01003	1
		2396	63.36120	8.65200	85.00000	0.00000	0.00000	-0.00990	1
		2397	64.11550	8.65200	85.00000	0.00000	0.00000	-0.00975	1
		2398	64.86980	8.65200	85.00000	0.00000	0.00000	-0.00960	1
		2399	65.62410	8.65200	85.00000	0.00000	0.00000	-0.00944	1
		2400	66.37840	8.65200	85.00000	0.00000	0.00000	-0.00927	1
		2401	67.13270	8.65200	85.00000	0.00000	0.00000	-0.00910	1
		2402	67.88700	8.65200	85.00000	0.00000	0.00000	-0.00892	1
		2403	68.64130	8.65200	85.00000	0.00000	0.00000	-0.00874	1
		2404	69.39560	8.65200	85.00000	0.00000	0.00000	-0.00855	1
		2405	70.14990	8.65200	85.00000	0.00000	0.00000	-0.00836	1
		2406	70.90420	8.65200	85.00000	0.00000	0.00000	-0.00818	1
		2407	71.65850	8.65200	85.00000	0.00000	0.00000	-0.00799	1
		2408	72.41280	8.65200	85.00000	0.00000	0.00000	-0.00780	1
		2409	73.16710	8.65200	85.00000	0.00000	0.00000	-0.00761	1
		2410	73.92140	8.65200	85.00000	0.00000	0.00000	-0.00742	1
		2411	74.67570	8.65200	85.00000	0.00000	0.00000	-0.00723	1
		2412	75.43000	8.65200	85.00000	0.00000	0.00000	-0.00705	1
		2413	0.00000	9.37300	85.00000	0.00000	0.00000	-0.00692	1
		2414	0.75430	9.37300	85.00000	0.00000	0.00000	-0.00710	1
		2415	1.50860	9.37300	85.00000	0.00000	0.00000	-0.00729	1
		2416	2.26290	9.37300	85.00000	0.00000	0.00000	-0.00748	1
		2417	3.01720	9.37300	85.00000	0.00000	0.00000	-0.00767	1
		2418	3.77150	9.37300	85.00000	0.00000	0.00000	-0.00786	1
		2419	4.52580	9.37300	85.00000	0.00000	0.00000	-0.00806	1
		2420	5.28010	9.37300	85.00000	0.00000	0.00000	-0.00825	1
		2421	6.03440	9.37300	85.00000	0.00000	0.00000	-0.00845	1
		2422	6.78870	9.37300	85.00000	0.00000	0.00000	-0.00864	1
		2423	7.54300	9.37300	85.00000	0.00000	0.00000	-0.00883	1
		2424	8.29730	9.37300	85.00000	0.00000	0.00000	-0.00902	1
		2425	9.05160	9.37300	85.00000	0.00000	0.00000	-0.00920	1
		2426	9.80590	9.37300	85.00000	0.00000	0.00000	-0.00938	1
		2427	10.56020	9.37300	85.00000	0.00000	0.00000	-0.00955	1
		2428	11.31450	9.37300	85.00000	0.00000	0.00000	-0.00972	1
		2429	12.06880	9.37300	85.00000	0.00000	0.00000	-0.00988	1
		2430	12.82310	9.37.					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		2463	37.71500	9.37300	85.00000	0.00000	0.00000	-0.00570	1
		2464	38.46930	9.37300	85.00000	0.00000	0.00000	-0.00567	1
		2465	39.22360	9.37300	85.00000	0.00000	0.00000	-0.00568	1
		2466	39.97790	9.37300	85.00000	0.00000	0.00000	-0.00574	1
		2467	40.73220	9.37300	85.00000	0.00000	0.00000	-0.00583	1
		2468	41.48650	9.37300	85.00000	0.00000	0.00000	-0.00597	1
		2469	42.24080	9.37300	85.00000	0.00000	0.00000	-0.00614	1
		2470	42.99510	9.37300	85.00000	0.00000	0.00000	-0.00634	1
		2471	43.74940	9.37300	85.00000	0.00000	0.00000	-0.00657	1
		2472	44.50370	9.37300	85.00000	0.00000	0.00000	-0.00683	1
		2473	45.25800	9.37300	85.00000	0.00000	0.00000	-0.00710	1
		2474	46.01230	9.37300	85.00000	0.00000	0.00000	-0.00739	1
		2475	46.76660	9.37300	85.00000	0.00000	0.00000	-0.00769	1
		2476	47.52090	9.37300	85.00000	0.00000	0.00000	-0.00799	1
		2477	48.27520	9.37300	85.00000	0.00000	0.00000	-0.00829	1
		2478	49.02950	9.37300	85.00000	0.00000	0.00000	-0.00858	1
		2479	49.78380	9.37300	85.00000	0.00000	0.00000	-0.00886	1
		2480	50.53810	9.37300	85.00000	0.00000	0.00000	-0.00913	1
		2481	51.29240	9.37300	85.00000	0.00000	0.00000	-0.00938	1
		2482	52.04670	9.37300	85.00000	0.00000	0.00000	-0.00961	1
		2483	52.80100	9.37300	85.00000	0.00000	0.00000	-0.00981	1
		2484	53.55530	9.37300	85.00000	0.00000	0.00000	-0.00999	1
		2485	54.30960	9.37300	85.00000	0.00000	0.00000	-0.01014	1
		2486	55.06390	9.37300	85.00000	0.00000	0.00000	-0.01027	1
		2487	55.81820	9.37300	85.00000	0.00000	0.00000	-0.01037	1
		2488	56.57250	9.37300	85.00000	0.00000	0.00000	-0.01044	1
		2489	57.32680	9.37300	85.00000	0.00000	0.00000	-0.01048	1
		2490	58.08110	9.37300	85.00000	0.00000	0.00000	-0.01050	1
		2491	58.83540	9.37300	85.00000	0.00000	0.00000	-0.01050	1
		2492	59.58970	9.37300	85.00000	0.00000	0.00000	-0.01047	1
		2493	60.34400	9.37300	85.00000	0.00000	0.00000	-0.01042	1
		2494	61.09830	9.37300	85.00000	0.00000	0.00000	-0.01035	1
		2495	61.85260	9.37300	85.00000	0.00000	0.00000	-0.01026	1
		2496	62.60690	9.37300	85.00000	0.00000	0.00000	-0.01015	1
		2497	63.36120	9.37300	85.00000	0.00000	0.00000	-0.01003	1
		2498	64.11550	9.37300	85.00000	0.00000	0.00000	-0.00990	1
		2499	64.86980	9.37300	85.00000	0.00000	0.00000	-0.00975	1
		2500	65.62410	9.37300	85.00000	0.00000	0.00000	-0.00959	1
		2501	66.37840	9.37300	85.00000	0.00000	0.00000	-0.00943	1
		2502	67.13270	9.37300	85.00000	0.00000	0.00000	-0.00926	1
		2503	67.88700	9.37300	85.00000	0.00000	0.00000	-0.00908	1
		2504	68.64130	9.37300	85.00000	0.00000	0.00000	-0.00890	1
		2505	69.39560	9.37300	85.00000	0.00000	0.00000	-0.00871	1
		2506	70.14990	9.37300	85.00000	0.00000	0.00000	-0.00852	1
		2507	70.90420	9.37300	85.00000	0.00000	0.00000	-0.00833	1
		2508	71.65850	9.37300	85.00000	0.00000	0.00000	-0.00813	1
		2509	72.41280	9.37300	85.00000	0.00000	0.00000	-0.00794	1
		2510	73.16710	9.37300	85.00000	0.00000	0.00000	-0.00775	1
		2511	73.92140	9.37300	85.00000	0.00000	0.00000	-0.00756	1
		2512	74.67570	9.37300	85.00000	0.00000	0.00000	-0.00737	1
		2513	75.43000	9.37300	85.00000	0.00000	0.00000	-0.00718	1
		2514	0.00000	10.09400	85.00000	0.00000	0.00000	-0.00704	1
		2515	0.75430	10.09400	85.00000	0.00000	0.00000	-0.00723	1
		2516	1.50860	10.09400	85.00000	0.00000	0.00000	-0.00742	1
		2517	2.26290	10.09400	85.00000	0.00000	0.00000	-0.00762	1
		2518	3.01720	10.09400	85.00000	0.00000	0.00000	-0.00781	1
		2519	3.77150	10.09400	85.00000	0.00000	0.00000	-0.00801	1
		2520	4.52580	10.09400	85.00000	0.00000	0.00000	-0.00821	1
		2521	5.28010	10.09400	85.00000	0.00000	0.00000	-0.00840	1
		2522	6.03440	10.09400	85.00000	0.00000	0.00000	-0.00860	1
		2523	6.78870	10.09400	85.00000	0.00000	0.00000	-0.00880	1
		2524	7.54300	10.09400	85.00000	0.00000	0.00000	-0.00899	1
		2525	8.29730	10.09400	85.00000	0.00000	0.00000	-0.00918	1
		2526	9.05160	10.09400	85.00000	0.00000	0.00000	-0.00936	1
		2527	9.80590	10.09400	85.00000	0.00000	0.00000	-0.00954	1
		2528	10.56020	10.09400	85.00000	0.00000	0.00000	-0.00971	1
		2529	11.31450	10.09400	85.00000	0.00000	0.00000	-0.00987	1
		2530	12.06880	10.09400	85.00000	0.00000	0.00000	-0.01002	1
		2531	12.82310	10.09400	85.00000	0.00000	0.00000	-0.01016	1
		2532	13.57740	10.09400	85.00000	0.00000	0.00000	-0.01028	1
		2533	14.33170	10.09400	85.00000	0.00000	0.00000	-0.01039	1
		2534	15.08600	10.09400	85.00000	0.00000	0.00000	-0.01048	1
		2535	15.84030	10.09400	85.00000	0.00000	0.00000	-0.01055	1
		2536	16.59460	10.09400	85.00000	0.00000	0.00000	-0.01060	1
		2537	17.34890	10.09400	85.00000	0.00000	0.00000	-0.01062	1
		2538	18.10320	10.09400	85.00000	0.00000	0.00000	-0.01062	1
		2539	18.85750	10.09400	85.00000	0.00000	0.00000	-0.01059	1
		2540	19.61180	10.09400	85.00000	0.00000	0.00000	-0.01053	1
		2541	20.36610	10.09400	85.00000	0.00000	0.00000	-0.01045	1
		2542	21.12040	10.09400	85.00000	0.00000	0.00000	-0.01033	1
		2543	21.87470	10.09400	85.00000	0.00000	0.00000	-0.01017	1
		2544	22.62900	10.09400	85.00000	0.00000	0.00000	-0.00999	1
		2545	23.38330	10.09400	85.00000	0.00000	0.00000	-0.00977	1
		2546	24.13760	10.09400	85.00000	0.00000	0.00000	-0.00952	1
		2547	24.89190	10.09400	85.00000	0.00000	0.00000	-0.00924	1
		2548	25.64620	10.09400	85.00000	0.00000	0.00000	-0.00894	1
		2549	26.40050	10.09400	85.00000	0.00000	0.00000	-0.00860	1
		2550	27.15480	10.09400	85.00000	0.00000	0.00000	-0.00825	1
		2551	27.90910	10.09400	85.00000	0.00000	0.00000	-0.00787	1
		2552	28.66340	10.09400	85.00000	0.00000	0.00000	-0.00748	1
		2553	29.41770	10.09400	85.00000	0.00000	0.00000	-0.00709	1
		2554	30.17200	10.09400	85.00000	0.00000	0.00000	-0.00669	1
		2555	30.92630	10.09400	85.00000	0.00000	0.00000	-0.00629	1
		2556	31.68060	10.09400	85.00000	0.00000	0.00000	-0.00590	1
		2557	32.43490	10.09400	85.00000	0.00000	0.00000	-0.00553	1
		2558	33.18920	10.09400	85.00000	0.00000	0.00000	-0.00519	1
		2559	33.94350	10.09400	85				



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		2593	59.58970	10.09400	85.00000	0.00000	0.00000	-0.01049	1
		2594	60.34400	10.09400	85.00000	0.00000	0.00000	-0.01047	1
		2595	61.09830	10.09400	85.00000	0.00000	0.00000	-0.01042	1
		2596	61.85260	10.09400	85.00000	0.00000	0.00000	-0.01035	1
		2597	62.60690	10.09400	85.00000	0.00000	0.00000	-0.01026	1
		2598	63.36120	10.09400	85.00000	0.00000	0.00000	-0.01015	1
		2599	64.11550	10.09400	85.00000	0.00000	0.00000	-0.01003	1
		2600	64.86980	10.09400	85.00000	0.00000	0.00000	-0.00989	1
		2601	65.62410	10.09400	85.00000	0.00000	0.00000	-0.00974	1
		2602	66.37840	10.09400	85.00000	0.00000	0.00000	-0.00958	1
		2603	67.13270	10.09400	85.00000	0.00000	0.00000	-0.00941	1
		2604	67.88700	10.09400	85.00000	0.00000	0.00000	-0.00923	1
		2605	68.64130	10.09400	85.00000	0.00000	0.00000	-0.00905	1
		2606	69.39560	10.09400	85.00000	0.00000	0.00000	-0.00886	1
		2607	70.14990	10.09400	85.00000	0.00000	0.00000	-0.00867	1
		2608	70.90420	10.09400	85.00000	0.00000	0.00000	-0.00848	1
		2609	71.65850	10.09400	85.00000	0.00000	0.00000	-0.00828	1
		2610	72.41280	10.09400	85.00000	0.00000	0.00000	-0.00809	1
		2611	73.16710	10.09400	85.00000	0.00000	0.00000	-0.00789	1
		2612	73.92140	10.09400	85.00000	0.00000	0.00000	-0.00769	1
		2613	74.67570	10.09400	85.00000	0.00000	0.00000	-0.00750	1
		2614	75.43000	10.09400	85.00000	0.00000	0.00000	-0.00731	1
		2615	0.00000	10.81500	85.00000	0.00000	0.00000	-0.00716	1
		2616	0.75430	10.81500	85.00000	0.00000	0.00000	-0.00736	1
		2617	1.50860	10.81500	85.00000	0.00000	0.00000	-0.00755	1
		2618	2.26290	10.81500	85.00000	0.00000	0.00000	-0.00775	1
		2619	3.01720	10.81500	85.00000	0.00000	0.00000	-0.00795	1
		2620	3.77150	10.81500	85.00000	0.00000	0.00000	-0.00815	1
		2621	4.52580	10.81500	85.00000	0.00000	0.00000	-0.00835	1
		2622	5.28010	10.81500	85.00000	0.00000	0.00000	-0.00855	1
		2623	6.03440	10.81500	85.00000	0.00000	0.00000	-0.00875	1
		2624	6.78870	10.81500	85.00000	0.00000	0.00000	-0.00895	1
		2625	7.54300	10.81500	85.00000	0.00000	0.00000	-0.00914	1
		2626	8.29730	10.81500	85.00000	0.00000	0.00000	-0.00933	1
		2627	9.05160	10.81500	85.00000	0.00000	0.00000	-0.00951	1
		2628	9.80590	10.81500	85.00000	0.00000	0.00000	-0.00969	1
		2629	10.56020	10.81500	85.00000	0.00000	0.00000	-0.00985	1
		2630	11.31450	10.81500	85.00000	0.00000	0.00000	-0.01001	1
		2631	12.06880	10.81500	85.00000	0.00000	0.00000	-0.01015	1
		2632	12.82310	10.81500	85.00000	0.00000	0.00000	-0.01028	1
		2633	13.57740	10.81500	85.00000	0.00000	0.00000	-0.01039	1
		2634	14.33170	10.81500	85.00000	0.00000	0.00000	-0.01048	1
		2635	15.08600	10.81500	85.00000	0.00000	0.00000	-0.01055	1
		2636	15.84030	10.81500	85.00000	0.00000	0.00000	-0.01060	1
		2637	16.59460	10.81500	85.00000	0.00000	0.00000	-0.01062	1
		2638	17.34890	10.81500	85.00000	0.00000	0.00000	-0.01061	1
		2639	18.10320	10.81500	85.00000	0.00000	0.00000	-0.01057	1
		2640	18.85750	10.81500	85.00000	0.00000	0.00000	-0.01050	1
		2641	19.61180	10.81500	85.00000	0.00000	0.00000	-0.01039	1
		2642	20.36610	10.81500	85.00000	0.00000	0.00000	-0.01025	1
		2643	21.12040	10.81500	85.00000	0.00000	0.00000	-0.01007	1
		2644	21.87470	10.81500	85.00000	0.00000	0.00000	-0.00985	1
		2645	22.62900	10.81500	85.00000	0.00000	0.00000	-0.00959	1
		2646	23.38330	10.81500	85.00000	0.00000	0.00000	-0.00929	1
		2647	24.13760	10.81500	85.00000	0.00000	0.00000	-0.00895	1
		2648	24.89190	10.81500	85.00000	0.00000	0.00000	-0.00858	1
		2649	25.64620	10.81500	85.00000	0.00000	0.00000	-0.00817	1
		2650	26.40050	10.81500	85.00000	0.00000	0.00000	-0.00773	1
		2651	27.15480	10.81500	85.00000	0.00000	0.00000	-0.00726	1
		2652	27.90910	10.81500	85.00000	0.00000	0.00000	-0.00677	1
		2653	28.66340	10.81500	85.00000	0.00000	0.00000	-0.00626	1
		2654	29.41770	10.81500	85.00000	0.00000	0.00000	-0.00575	1
		2655	30.17200	10.81500	85.00000	0.00000	0.00000	-0.00523	1
		2656	30.92630	10.81500	85.00000	0.00000	0.00000	-0.00472	1
		2657	31.68060	10.81500	85.00000	0.00000	0.00000	-0.00422	1
		2658	32.43490	10.81500	85.00000	0.00000	0.00000	-0.00374	1
		2659	33.18920	10.81500	85.00000	0.00000	0.00000	-0.00329	1
		2660	33.94350	10.81500	85.00000	0.00000	0.00000	-0.00288	1
		2661	34.69780	10.81500	85.00000	0.00000	0.00000	-0.00252	1
		2662	35.45210	10.81500	85.00000	0.00000	0.00000	-0.00221	1
		2663	36.20640	10.81500	85.00000	0.00000	0.00000	-0.00196	1
		2664	36.96070	10.81500	85.00000	0.00000	0.00000	-0.00177	1
		2665	37.71500	10.81500	85.00000	0.00000	0.00000	-0.00165	1
		2666	38.46930	10.81500	85.00000	0.00000	0.00000	-0.00160	1
		2667	39.22360	10.81500	85.00000	0.00000	0.00000	-0.00162	1
		2668	39.97790	10.81500	85.00000	0.00000	0.00000	-0.00172	1
		2669	40.73220	10.81500	85.00000	0.00000	0.00000	-0.00188	1
		2670	41.48650	10.81500	85.00000	0.00000	0.00000	-0.00210	1
		2671	42.24080	10.81500	85.00000	0.00000	0.00000	-0.00239	1
		2672	42.99510	10.81500	85.00000	0.00000	0.00000	-0.00274	1
		2673	43.74940	10.81500	85.00000	0.00000	0.00000	-0.00313	1
		2674	44.50370	10.81500	85.00000	0.00000	0.00000	-0.00357	1
		2675	45.25800	10.81500	85.00000	0.00000	0.00000	-0.00404	1
		2676	46.01230	10.81500	85.00000	0.00000	0.00000	-0.00453	1
		2677	46.76660	10.81500	85.00000	0.00000	0.00000	-0.00504	1
		2678	47.52090	10.81500	85.00000	0.00000	0.00000	-0.00556	1
		2679	48.27520	10.81500	85.00000	0.00000	0.00000	-0.00607	1
		2680	49.02950	10.81500	85.00000	0.00000	0.00000	-0.00658	1
		2681	49.78380	10.81500	85.00000	0.00000	0.00000	-0.00708	1
		2682	50.53810	10.81500	85.00000	0.00000	0.00000	-0.00755	1
		2683	51.29240	10.81500	85.00000	0.00000	0.00000	-0.00799	1
		2684	52.04670	10.81500	85.00000	0.00000	0.00000	-0.00841	1
		2685	52.80100	10.81500	85.00000	0.00000	0.00000	-0.00879	1
		2686	53.55530	10.81500	85.00000	0.00000	0.00000	-0.00913	1
		2687	54.30960	10.81500	85.00000	0.00000	0.00000	-0.00943	1
		2688	55.06390	10.81500	85.00000	0.00000	0.00000	-0.00970	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		2723	5.28010	11.53600	85.00000	0.00000	0.00000	-0.00870	1
		2724	6.03440	11.53600	85.00000	0.00000	0.00000	-0.00890	1
		2725	6.78870	11.53600	85.00000	0.00000	0.00000	-0.00910	1
		2726	7.54300	11.53600	85.00000	0.00000	0.00000	-0.00929	1
		2727	8.29730	11.53600	85.00000	0.00000	0.00000	-0.00948	1
		2728	9.05160	11.53600	85.00000	0.00000	0.00000	-0.00966	1
		2729	9.80590	11.53600	85.00000	0.00000	0.00000	-0.00983	1
		2730	10.56020	11.53600	85.00000	0.00000	0.00000	-0.00999	1
		2731	11.31450	11.53600	85.00000	0.00000	0.00000	-0.01014	1
		2732	12.06880	11.53600	85.00000	0.00000	0.00000	-0.01027	1
		2733	12.82310	11.53600	85.00000	0.00000	0.00000	-0.01038	1
		2734	13.57740	11.53600	85.00000	0.00000	0.00000	-0.01048	1
		2735	14.33170	11.53600	85.00000	0.00000	0.00000	-0.01055	1
		2736	15.08600	11.53600	85.00000	0.00000	0.00000	-0.01059	1
		2737	15.84030	11.53600	85.00000	0.00000	0.00000	-0.01061	1
		2738	16.59460	11.53600	85.00000	0.00000	0.00000	-0.01060	1
		2739	17.34890	11.53600	85.00000	0.00000	0.00000	-0.01055	1
		2740	18.10320	11.53600	85.00000	0.00000	0.00000	-0.01047	1
		2741	18.85750	11.53600	85.00000	0.00000	0.00000	-0.01034	1
		2742	19.61180	11.53600	85.00000	0.00000	0.00000	-0.01018	1
		2743	20.36610	11.53600	85.00000	0.00000	0.00000	-0.00997	1
		2744	21.12040	11.53600	85.00000	0.00000	0.00000	-0.00971	1
		2745	21.87470	11.53600	85.00000	0.00000	0.00000	-0.00941	1
		2746	22.62900	11.53600	85.00000	0.00000	0.00000	-0.00906	1
		2747	23.38330	11.53600	85.00000	0.00000	0.00000	-0.00866	1
		2748	24.13760	11.53600	85.00000	0.00000	0.00000	-0.00822	1
		2749	24.89190	11.53600	85.00000	0.00000	0.00000	-0.00773	1
		2750	25.64620	11.53600	85.00000	0.00000	0.00000	-0.00719	1
		2751	26.40050	11.53600	85.00000	0.00000	0.00000	-0.00662	1
		2752	27.15480	11.53600	85.00000	0.00000	0.00000	-0.00602	1
		2753	27.90910	11.53600	85.00000	0.00000	0.00000	-0.00539	1
		2754	28.66340	11.53600	85.00000	0.00000	0.00000	-0.00473	1
		2755	29.41770	11.53600	85.00000	0.00000	0.00000	-0.00407	1
		2756	30.17200	11.53600	85.00000	0.00000	0.00000	-0.00340	1
		2757	30.92630	11.53600	85.00000	0.00000	0.00000	-0.00275	1
		2758	31.68060	11.53600	85.00000	0.00000	0.00000	-0.00211	1
		2759	32.43490	11.53600	85.00000	0.00000	0.00000	-0.00149	1
		2760	33.18920	11.53600	85.00000	0.00000	0.00000	-0.00092	1
		2761	33.94350	11.53600	85.00000	0.00000	0.00000	-0.00040	1
		2762	34.69780	11.53600	85.00000	0.00000	0.00000	0.00007	1
		2763	35.45210	11.53600	85.00000	0.00000	0.00000	0.00047	1
		2764	36.20640	11.53600	85.00000	0.00000	0.00000	0.00079	1
		2765	36.96070	11.53600	85.00000	0.00000	0.00000	0.00103	1
		2766	37.71500	11.53600	85.00000	0.00000	0.00000	0.00118	1
		2767	38.46930	11.53600	85.00000	0.00000	0.00000	0.00125	1
		2768	39.22360	11.53600	85.00000	0.00000	0.00000	0.00122	1
		2769	39.97790	11.53600	85.00000	0.00000	0.00000	0.00110	1
		2770	40.73220	11.53600	85.00000	0.00000	0.00000	0.00089	1
		2771	41.48650	11.53600	85.00000	0.00000	0.00000	0.00060	1
		2772	42.24080	11.53600	85.00000	0.00000	0.00000	0.00022	1
		2773	42.99510	11.53600	85.00000	0.00000	0.00000	-0.00022	1
		2774	43.74940	11.53600	85.00000	0.00000	0.00000	-0.00073	1
		2775	44.50370	11.53600	85.00000	0.00000	0.00000	-0.00129	1
		2776	45.25800	11.53600	85.00000	0.00000	0.00000	-0.00189	1
		2777	46.01230	11.53600	85.00000	0.00000	0.00000	-0.00253	1
		2778	46.76660	11.53600	85.00000	0.00000	0.00000	-0.00318	1
		2779	47.52090	11.53600	85.00000	0.00000	0.00000	-0.00385	1
		2780	48.27520	11.53600	85.00000	0.00000	0.00000	-0.00451	1
		2781	49.02950	11.53600	85.00000	0.00000	0.00000	-0.00517	1
		2782	49.78380	11.53600	85.00000	0.00000	0.00000	-0.00581	1
		2783	50.53810	11.53600	85.00000	0.00000	0.00000	-0.00642	1
		2784	51.29240	11.53600	85.00000	0.00000	0.00000	-0.00700	1
		2785	52.04670	11.53600	85.00000	0.00000	0.00000	-0.00754	1
		2786	52.80100	11.53600	85.00000	0.00000	0.00000	-0.00804	1
		2787	53.55530	11.53600	85.00000	0.00000	0.00000	-0.00849	1
		2788	54.30960	11.53600	85.00000	0.00000	0.00000	-0.00890	1
		2789	55.06390	11.53600	85.00000	0.00000	0.00000	-0.00925	1
		2790	55.81820	11.53600	85.00000	0.00000	0.00000	-0.00956	1
		2791	56.57250	11.53600	85.00000	0.00000	0.00000	-0.00982	1
		2792	57.32680	11.53600	85.00000	0.00000	0.00000	-0.01003	1
		2793	58.08110	11.53600	85.00000	0.00000	0.00000	-0.01020	1
		2794	58.83540	11.53600	85.00000	0.00000	0.00000	-0.01033	1
		2795	59.58970	11.53600	85.00000	0.00000	0.00000	-0.01041	1
		2796	60.34400	11.53600	85.00000	0.00000	0.00000	-0.01046	1
		2797	61.09830	11.53600	85.00000	0.00000	0.00000	-0.01048	1
		2798	61.85260	11.53600	85.00000	0.00000	0.00000	-0.01046	1
		2799	62.60690	11.53600	85.00000	0.00000	0.00000	-0.01041	1
		2800	63.36120	11.53600	85.00000	0.00000	0.00000	-0.01034	1
		2801	64.11550	11.53600	85.00000	0.00000	0.00000	-0.01025	1
		2802	64.86980	11.53600	85.00000	0.00000	0.00000	-0.01013	1
		2803	65.62410	11.53600	85.00000	0.00000	0.00000	-0.01000	1
		2804	66.37840	11.53600	85.00000	0.00000	0.00000	-0.00985	1
		2805	67.13270	11.53600	85.00000	0.00000	0.00000	-0.00969	1
		2806	67.88700	11.53600	85.00000	0.00000	0.00000	-0.00952	1
		2807	68.64130	11.53600	85.00000	0.00000	0.00000	-0.00934	1
		2808	69.39560	11.53600	85.00000	0.00000	0.00000	-0.00916	1
		2809	70.14990	11.53600	85.00000	0.00000	0.00000	-0.00897	1
		2810	70.90420	11.53600	85.00000	0.00000	0.00000	-0.00877	1
		2811	71.65850	11.53600	85.00000	0.00000	0.00000	-0.00857	1
		2812	72.41280	11.53600	85.00000	0.00000	0.00000	-0.00837	1
		2813	73.16710	11.53600	85.00000	0.00000	0.00000	-0.00817	1
		2814	73.92140	11.53600	85.00000	0.00000	0.00000	-0.00796	1
		2815	74.67570	11.53600	85.00000	0.00000	0.00000	-0.00776	1
		2816	75.43000	11.53600	85.00000	0.00000	0.00000	-0.00756	1
		2817	0.00000	12.25700	85.00000	0.00000	0.00000	-0.00741	1
		2818	0.75430	12.25700	85.00000	0.00000	0.00000	-0.00761	1
		2819	1.50860	12.257					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		2853	27.15480	12.25700	85.00000	0.00000	0.00000	-0.00447	1
		2854	27.90910	12.25700	85.00000	0.00000	0.00000	-0.00366	1
		2855	28.66340	12.25700	85.00000	0.00000	0.00000	-0.00283	1
		2856	29.41770	12.25700	85.00000	0.00000	0.00000	-0.00198	1
		2857	30.17200	12.25700	85.00000	0.00000	0.00000	-0.00113	1
		2858	30.92630	12.25700	85.00000	0.00000	0.00000	-0.00029	1
		2859	31.68060	12.25700	85.00000	0.00000	0.00000	0.00052	1
		2860	32.43490	12.25700	85.00000	0.00000	0.00000	0.00130	1
		2861	33.18920	12.25700	85.00000	0.00000	0.00000	0.00203	1
		2862	33.94350	12.25700	85.00000	0.00000	0.00000	0.00270	1
		2863	34.69780	12.25700	85.00000	0.00000	0.00000	0.00330	1
		2864	35.45210	12.25700	85.00000	0.00000	0.00000	0.00380	1
		2865	36.20640	12.25700	85.00000	0.00000	0.00000	0.00421	1
		2866	36.96070	12.25700	85.00000	0.00000	0.00000	0.00452	1
		2867	37.71500	12.25700	85.00000	0.00000	0.00000	0.00471	1
		2868	38.46930	12.25700	85.00000	0.00000	0.00000	0.00479	1
		2869	39.22360	12.25700	85.00000	0.00000	0.00000	0.00476	1
		2870	39.97790	12.25700	85.00000	0.00000	0.00000	0.00460	1
		2871	40.73220	12.25700	85.00000	0.00000	0.00000	0.00433	1
		2872	41.48650	12.25700	85.00000	0.00000	0.00000	0.00396	1
		2873	42.24080	12.25700	85.00000	0.00000	0.00000	0.00348	1
		2874	42.99510	12.25700	85.00000	0.00000	0.00000	0.00292	1
		2875	43.74940	12.25700	85.00000	0.00000	0.00000	0.00227	1
		2876	44.50370	12.25700	85.00000	0.00000	0.00000	0.00155	1
		2877	45.25800	12.25700	85.00000	0.00000	0.00000	0.00078	1
		2878	46.01230	12.25700	85.00000	0.00000	0.00000	-0.00003	1
		2879	46.76660	12.25700	85.00000	0.00000	0.00000	-0.00087	1
		2880	47.52090	12.25700	85.00000	0.00000	0.00000	-0.00172	1
		2881	48.27520	12.25700	85.00000	0.00000	0.00000	-0.00257	1
		2882	49.02950	12.25700	85.00000	0.00000	0.00000	-0.00341	1
		2883	49.78380	12.25700	85.00000	0.00000	0.00000	-0.00423	1
		2884	50.53810	12.25700	85.00000	0.00000	0.00000	-0.00502	1
		2885	51.29240	12.25700	85.00000	0.00000	0.00000	-0.00576	1
		2886	52.04670	12.25700	85.00000	0.00000	0.00000	-0.00646	1
		2887	52.80100	12.25700	85.00000	0.00000	0.00000	-0.00710	1
		2888	53.55530	12.25700	85.00000	0.00000	0.00000	-0.00769	1
		2889	54.30960	12.25700	85.00000	0.00000	0.00000	-0.00821	1
		2890	55.06390	12.25700	85.00000	0.00000	0.00000	-0.00868	1
		2891	55.81820	12.25700	85.00000	0.00000	0.00000	-0.00909	1
		2892	56.57250	12.25700	85.00000	0.00000	0.00000	-0.00944	1
		2893	57.32680	12.25700	85.00000	0.00000	0.00000	-0.00974	1
		2894	58.08110	12.25700	85.00000	0.00000	0.00000	-0.00997	1
		2895	58.83540	12.25700	85.00000	0.00000	0.00000	-0.01016	1
		2896	59.58970	12.25700	85.00000	0.00000	0.00000	-0.01030	1
		2897	60.34400	12.25700	85.00000	0.00000	0.00000	-0.01040	1
		2898	61.09830	12.25700	85.00000	0.00000	0.00000	-0.01045	1
		2899	61.85260	12.25700	85.00000	0.00000	0.00000	-0.01047	1
		2900	62.60690	12.25700	85.00000	0.00000	0.00000	-0.01045	1
		2901	63.36120	12.25700	85.00000	0.00000	0.00000	-0.01040	1
		2902	64.11550	12.25700	85.00000	0.00000	0.00000	-0.01033	1
		2903	64.86980	12.25700	85.00000	0.00000	0.00000	-0.01023	1
		2904	65.62410	12.25700	85.00000	0.00000	0.00000	-0.01011	1
		2905	66.37840	12.25700	85.00000	0.00000	0.00000	-0.00998	1
		2906	67.13270	12.25700	85.00000	0.00000	0.00000	-0.00982	1
		2907	67.88700	12.25700	85.00000	0.00000	0.00000	-0.00966	1
		2908	68.64130	12.25700	85.00000	0.00000	0.00000	-0.00948	1
		2909	69.39560	12.25700	85.00000	0.00000	0.00000	-0.00930	1
		2910	70.14990	12.25700	85.00000	0.00000	0.00000	-0.00911	1
		2911	70.90420	12.25700	85.00000	0.00000	0.00000	-0.00891	1
		2912	71.65850	12.25700	85.00000	0.00000	0.00000	-0.00871	1
		2913	72.41280	12.25700	85.00000	0.00000	0.00000	-0.00851	1
		2914	73.16710	12.25700	85.00000	0.00000	0.00000	-0.00830	1
		2915	73.92140	12.25700	85.00000	0.00000	0.00000	-0.00810	1
		2916	74.67570	12.25700	85.00000	0.00000	0.00000	-0.00789	1
		2917	75.43000	12.25700	85.00000	0.00000	0.00000	-0.00769	1
		2918	76.18430	12.25700	85.00000	0.00000	0.00000	-0.00753	1
		2919	76.93860	12.25700	85.00000	0.00000	0.00000	-0.00733	1
		2920	77.69290	12.25700	85.00000	0.00000	0.00000	-0.00714	1
		2921	78.44720	12.25700	85.00000	0.00000	0.00000	-0.00694	1
		2922	79.20150	12.25700	85.00000	0.00000	0.00000	-0.00674	1
		2923	79.95580	12.25700	85.00000	0.00000	0.00000	-0.00654	1
		2924	80.71010	12.25700	85.00000	0.00000	0.00000	-0.00634	1
		2925	81.46440	12.25700	85.00000	0.00000	0.00000	-0.00614	1
		2926	82.21870	12.25700	85.00000	0.00000	0.00000	-0.00594	1
		2927	82.97300	12.25700	85.00000	0.00000	0.00000	-0.00574	1
		2928	83.72730	12.25700	85.00000	0.00000	0.00000	-0.00554	1
		2929	84.48160	12.25700	85.00000	0.00000	0.00000	-0.00534	1
		2930	85.23590	12.25700	85.00000	0.00000	0.00000	-0.00514	1
		2931	85.99020	12.25700	85.00000	0.00000	0.00000	-0.00494	1
		2932	86.74450	12.25700	85.00000	0.00000	0.00000	-0.00474	1
		2933	87.49880	12.25700	85.00000	0.00000	0.00000	-0.00454	1
		2934	88.25310	12.25700	85.00000	0.00000	0.00000	-0.00434	1
		2935	89.00740	12.25700	85.00000	0.00000	0.00000	-0.00414	1
		2936	89.76170	12.25700	85.00000	0.00000	0.00000	-0.00394	1
		2937	90.51600	12.25700	85.00000	0.00000	0.00000	-0.00374	1
		2938	91.27030	12.25700	85.00000	0.00000	0.00000	-0.00354	1
		2939	92.02460	12.25700	85.00000	0.00000	0.00000	-0.00334	1
		2940	92.77890	12.25700	85.00000	0.00000	0.00000	-0.00314	1
		2941	93.53320	12.25700	85.00000	0.00000	0.00000	-0.00294	1
		2942	94.28750	12.25700	85.00000	0.00000	0.00000	-0.00274	1
		2943	95.04180	12.25700	85.00000	0.00000	0.00000	-0.00254	1
		2944	95.79610	12.25700	85.00000	0.00000	0.00000	-0.00234	1
		2945	96.55040	12.25700	85.00000	0.00000	0.00000	-0.00214	1
		2946	97.30470	12.25700	85.00000	0.00000	0.00000	-0.00194	1
		2947	98.05900	12.25700	85.00000	0.00000	0.00000	-0.00174	1
		2948	98.81330	12.25700	85.00000	0.00000	0.00000</		



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		2983	49.02950	12.97800	85.00000	0.00000	0.00000	-0.00125	1
		2984	49.78380	12.97800	85.00000	0.00000	0.00000	-0.00228	1
		2985	50.53810	12.97800	85.00000	0.00000	0.00000	-0.00328	1
		2986	51.29240	12.97800	85.00000	0.00000	0.00000	-0.00422	1
		2987	52.04670	12.97800	85.00000	0.00000	0.00000	-0.00511	1
		2988	52.80100	12.97800	85.00000	0.00000	0.00000	-0.00593	1
		2989	53.55530	12.97800	85.00000	0.00000	0.00000	-0.00668	1
		2990	54.30960	12.97800	85.00000	0.00000	0.00000	-0.00736	1
		2991	55.06390	12.97800	85.00000	0.00000	0.00000	-0.00796	1
		2992	55.81820	12.97800	85.00000	0.00000	0.00000	-0.00849	1
		2993	56.57250	12.97800	85.00000	0.00000	0.00000	-0.00895	1
		2994	57.32680	12.97800	85.00000	0.00000	0.00000	-0.00934	1
		2995	58.08110	12.97800	85.00000	0.00000	0.00000	-0.00967	1
		2996	58.83540	12.97800	85.00000	0.00000	0.00000	-0.00993	1
		2997	59.58970	12.97800	85.00000	0.00000	0.00000	-0.01013	1
		2998	60.34400	12.97800	85.00000	0.00000	0.00000	-0.01029	1
		2999	61.09830	12.97800	85.00000	0.00000	0.00000	-0.01039	1
		3000	61.85260	12.97800	85.00000	0.00000	0.00000	-0.01045	1
		3001	62.60690	12.97800	85.00000	0.00000	0.00000	-0.01046	1
		3002	63.36120	12.97800	85.00000	0.00000	0.00000	-0.01044	1
		3003	64.11550	12.97800	85.00000	0.00000	0.00000	-0.01039	1
		3004	64.86980	12.97800	85.00000	0.00000	0.00000	-0.01031	1
		3005	65.62410	12.97800	85.00000	0.00000	0.00000	-0.01021	1
		3006	66.37840	12.97800	85.00000	0.00000	0.00000	-0.01009	1
		3007	67.13270	12.97800	85.00000	0.00000	0.00000	-0.00994	1
		3008	67.88700	12.97800	85.00000	0.00000	0.00000	-0.00979	1
		3009	68.64130	12.97800	85.00000	0.00000	0.00000	-0.00961	1
		3010	69.39560	12.97800	85.00000	0.00000	0.00000	-0.00943	1
		3011	70.14990	12.97800	85.00000	0.00000	0.00000	-0.00924	1
		3012	70.90420	12.97800	85.00000	0.00000	0.00000	-0.00905	1
		3013	71.65850	12.97800	85.00000	0.00000	0.00000	-0.00885	1
		3014	72.41280	12.97800	85.00000	0.00000	0.00000	-0.00864	1
		3015	73.16710	12.97800	85.00000	0.00000	0.00000	-0.00844	1
		3016	73.92140	12.97800	85.00000	0.00000	0.00000	-0.00823	1
		3017	74.67570	12.97800	85.00000	0.00000	0.00000	-0.00802	1
		3018	75.43000	12.97800	85.00000	0.00000	0.00000	-0.00781	1
		3019	0.00000	13.69900	85.00000	0.00000	0.00000	-0.00765	1
		3020	0.75430	13.69900	85.00000	0.00000	0.00000	-0.00786	1
		3021	1.50860	13.69900	85.00000	0.00000	0.00000	-0.00807	1
		3022	2.26290	13.69900	85.00000	0.00000	0.00000	-0.00828	1
		3023	3.01720	13.69900	85.00000	0.00000	0.00000	-0.00849	1
		3024	3.77150	13.69900	85.00000	0.00000	0.00000	-0.00870	1
		3025	4.52580	13.69900	85.00000	0.00000	0.00000	-0.00891	1
		3026	5.28010	13.69900	85.00000	0.00000	0.00000	-0.00912	1
		3027	6.03440	13.69900	85.00000	0.00000	0.00000	-0.00932	1
		3028	6.78870	13.69900	85.00000	0.00000	0.00000	-0.00952	1
		3029	7.54300	13.69900	85.00000	0.00000	0.00000	-0.00970	1
		3030	8.29730	13.69900	85.00000	0.00000	0.00000	-0.00988	1
		3031	9.05160	13.69900	85.00000	0.00000	0.00000	-0.01005	1
		3032	9.80590	13.69900	85.00000	0.00000	0.00000	-0.01019	1
		3033	10.56020	13.69900	85.00000	0.00000	0.00000	-0.01033	1
		3034	11.31450	13.69900	85.00000	0.00000	0.00000	-0.01043	1
		3035	12.06880	13.69900	85.00000	0.00000	0.00000	-0.01052	1
		3036	12.82310	13.69900	85.00000	0.00000	0.00000	-0.01057	1
		3037	13.57740	13.69900	85.00000	0.00000	0.00000	-0.01060	1
		3038	14.33170	13.69900	85.00000	0.00000	0.00000	-0.01058	1
		3039	15.08600	13.69900	85.00000	0.00000	0.00000	-0.01052	1
		3040	15.84030	13.69900	85.00000	0.00000	0.00000	-0.01042	1
		3041	16.59460	13.69900	85.00000	0.00000	0.00000	-0.01026	1
		3042	17.34890	13.69900	85.00000	0.00000	0.00000	-0.01004	1
		3043	18.10320	13.69900	85.00000	0.00000	0.00000	-0.00976	1
		3044	18.85750	13.69900	85.00000	0.00000	0.00000	-0.00941	1
		3045	19.61180	13.69900	85.00000	0.00000	0.00000	-0.00899	1
		3046	20.36610	13.69900	85.00000	0.00000	0.00000	-0.00849	1
		3047	21.12040	13.69900	85.00000	0.00000	0.00000	-0.00791	1
		3048	21.87470	13.69900	85.00000	0.00000	0.00000	-0.00725	1
		3049	22.62900	13.69900	85.00000	0.00000	0.00000	-0.00649	1
		3050	23.38330	13.69900	85.00000	0.00000	0.00000	-0.00565	1
		3051	24.13760	13.69900	85.00000	0.00000	0.00000	-0.00472	1
		3052	24.89190	13.69900	85.00000	0.00000	0.00000	-0.00370	1
		3053	25.64620	13.69900	85.00000	0.00000	0.00000	-0.00261	1
		3054	26.40050	13.69900	85.00000	0.00000	0.00000	-0.00144	1
		3055	27.15480	13.69900	85.00000	0.00000	0.00000	-0.00020	1
		3056	27.90910	13.69900	85.00000	0.00000	0.00000	0.00109	1
		3057	28.66340	13.69900	85.00000	0.00000	0.00000	0.00242	1
		3058	29.41770	13.69900	85.00000	0.00000	0.00000	0.00377	1
		3059	30.17200	13.69900	85.00000	0.00000	0.00000	0.00513	1
		3060	30.92630	13.69900	85.00000	0.00000	0.00000	0.00647	1
		3061	31.68060	13.69900	85.00000	0.00000	0.00000	0.00778	1
		3062	32.43490	13.69900	85.00000	0.00000	0.00000	0.00903	1
		3063	33.18920	13.69900	85.00000	0.00000	0.00000	0.01021	1
		3064	33.94350	13.69900	85.00000	0.00000	0.00000	0.01128	1
		3065	34.69780	13.69900	85.00000	0.00000	0.00000	0.01224	1
		3066	35.45210	13.69900	85.00000	0.00000	0.00000	0.01305	1
		3067	36.20640	13.69900	85.00000	0.00000	0.00000	0.01371	1
		3068	36.96070	13.69900	85.00000	0.00000	0.00000	0.01421	1
		3069	37.71500	13.69900	85.00000	0.00000	0.00000	0.01452	1
		3070	38.46930	13.69900	85.00000	0.00000	0.00000	0.01465	1
		3071	39.22360	13.69900	85.00000	0.00000	0.00000	0.01459	1
		3072	39.97790	13.69900	85.00000	0.00000	0.00000	0.01434	1
		3073	40.73220	13.69900	85.00000	0.00000	0.00000	0.01390	1
		3074	41.48650	13.69900	85.00000	0.00000	0.00000	0.01329	1
		3075	42.24080	13.69900	85.00000	0.00000	0.00000	0.01252	1
		3076	42.99510	13.69900	85.00000	0.00000	0.00000	0.01161	1
		3077	43.74940	13.69900	85.00000	0.00000	0.00000	0.01056	1
		3078	44.50370	13.69900	85.00000	0.00000	0.00000	0.00940	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		3113	70.90420	13.69900	85.00000	0.00000	0.00000	-0.00918	1
		3114	71.65850	13.69900	85.00000	0.00000	0.00000	-0.00898	1
		3115	72.41280	13.69900	85.00000	0.00000	0.00000	-0.00877	1
		3116	73.16710	13.69900	85.00000	0.00000	0.00000	-0.00857	1
		3117	73.92140	13.69900	85.00000	0.00000	0.00000	-0.00836	1
		3118	74.67570	13.69900	85.00000	0.00000	0.00000	-0.00815	1
		3119	75.43000	13.69900	85.00000	0.00000	0.00000	-0.00794	1
		3120	0.00000	14.42000	85.00000	0.00000	0.00000	-0.00776	1
		3121	0.75430	14.42000	85.00000	0.00000	0.00000	-0.00798	1
		3122	1.50860	14.42000	85.00000	0.00000	0.00000	-0.00819	1
		3123	2.26290	14.42000	85.00000	0.00000	0.00000	-0.00841	1
		3124	3.01720	14.42000	85.00000	0.00000	0.00000	-0.00862	1
		3125	3.77150	14.42000	85.00000	0.00000	0.00000	-0.00883	1
		3126	4.52580	14.42000	85.00000	0.00000	0.00000	-0.00904	1
		3127	5.28010	14.42000	85.00000	0.00000	0.00000	-0.00925	1
		3128	6.03440	14.42000	85.00000	0.00000	0.00000	-0.00945	1
		3129	6.78870	14.42000	85.00000	0.00000	0.00000	-0.00964	1
		3130	7.54300	14.42000	85.00000	0.00000	0.00000	-0.00983	1
		3131	8.29730	14.42000	85.00000	0.00000	0.00000	-0.01000	1
		3132	9.05160	14.42000	85.00000	0.00000	0.00000	-0.01016	1
		3133	9.80590	14.42000	85.00000	0.00000	0.00000	-0.01029	1
		3134	10.56020	14.42000	85.00000	0.00000	0.00000	-0.01041	1
		3135	11.31450	14.42000	85.00000	0.00000	0.00000	-0.01050	1
		3136	12.06880	14.42000	85.00000	0.00000	0.00000	-0.01056	1
		3137	12.82310	14.42000	85.00000	0.00000	0.00000	-0.01059	1
		3138	13.57740	14.42000	85.00000	0.00000	0.00000	-0.01058	1
		3139	14.33170	14.42000	85.00000	0.00000	0.00000	-0.01052	1
		3140	15.08600	14.42000	85.00000	0.00000	0.00000	-0.01042	1
		3141	15.84030	14.42000	85.00000	0.00000	0.00000	-0.01025	1
		3142	16.59460	14.42000	85.00000	0.00000	0.00000	-0.01003	1
		3143	17.34890	14.42000	85.00000	0.00000	0.00000	-0.00973	1
		3144	18.10320	14.42000	85.00000	0.00000	0.00000	-0.00936	1
		3145	18.85750	14.42000	85.00000	0.00000	0.00000	-0.00891	1
		3146	19.61180	14.42000	85.00000	0.00000	0.00000	-0.00837	1
		3147	20.36610	14.42000	85.00000	0.00000	0.00000	-0.00774	1
		3148	21.12040	14.42000	85.00000	0.00000	0.00000	-0.00700	1
		3149	21.87470	14.42000	85.00000	0.00000	0.00000	-0.00616	1
		3150	22.62900	14.42000	85.00000	0.00000	0.00000	-0.00522	1
		3151	23.38330	14.42000	85.00000	0.00000	0.00000	-0.00416	1
		3152	24.13760	14.42000	85.00000	0.00000	0.00000	-0.00300	1
		3153	24.89190	14.42000	85.00000	0.00000	0.00000	-0.00173	1
		3154	25.64620	14.42000	85.00000	0.00000	0.00000	-0.00035	1
		3155	26.40050	14.42000	85.00000	0.00000	0.00000	0.00111	1
		3156	27.15480	14.42000	85.00000	0.00000	0.00000	0.00266	1
		3157	27.90910	14.42000	85.00000	0.00000	0.00000	0.00427	1
		3158	28.66340	14.42000	85.00000	0.00000	0.00000	0.00594	1
		3159	29.41770	14.42000	85.00000	0.00000	0.00000	0.00764	1
		3160	30.17200	14.42000	85.00000	0.00000	0.00000	0.00935	1
		3161	30.92630	14.42000	85.00000	0.00000	0.00000	0.01104	1
		3162	31.68060	14.42000	85.00000	0.00000	0.00000	0.01270	1
		3163	32.43490	14.42000	85.00000	0.00000	0.00000	0.01428	1
		3164	33.18920	14.42000	85.00000	0.00000	0.00000	0.01576	1
		3165	33.94350	14.42000	85.00000	0.00000	0.00000	0.01712	1
		3166	34.69780	14.42000	85.00000	0.00000	0.00000	0.01833	1
		3167	35.45210	14.42000	85.00000	0.00000	0.00000	0.01936	1
		3168	36.20640	14.42000	85.00000	0.00000	0.00000	0.02020	1
		3169	36.96070	14.42000	85.00000	0.00000	0.00000	0.02082	1
		3170	37.71500	14.42000	85.00000	0.00000	0.00000	0.02122	1
		3171	38.46930	14.42000	85.00000	0.00000	0.00000	0.02138	1
		3172	39.22360	14.42000	85.00000	0.00000	0.00000	0.02130	1
		3173	39.97790	14.42000	85.00000	0.00000	0.00000	0.02098	1
		3174	40.73220	14.42000	85.00000	0.00000	0.00000	0.02043	1
		3175	41.48650	14.42000	85.00000	0.00000	0.00000	0.01966	1
		3176	42.24080	14.42000	85.00000	0.00000	0.00000	0.01869	1
		3177	42.99510	14.42000	85.00000	0.00000	0.00000	0.01752	1
		3178	43.74940	14.42000	85.00000	0.00000	0.00000	0.01620	1
		3179	44.50370	14.42000	85.00000	0.00000	0.00000	0.01473	1
		3180	45.25800	14.42000	85.00000	0.00000	0.00000	0.01316	1
		3181	46.01230	14.42000	85.00000	0.00000	0.00000	0.01151	1
		3182	46.76660	14.42000	85.00000	0.00000	0.00000	0.00980	1
		3183	47.52090	14.42000	85.00000	0.00000	0.00000	0.00807	1
		3184	48.27520	14.42000	85.00000	0.00000	0.00000	0.00635	1
		3185	49.02950	14.42000	85.00000	0.00000	0.00000	0.00466	1
		3186	49.78380	14.42000	85.00000	0.00000	0.00000	0.00301	1
		3187	50.53810	14.42000	85.00000	0.00000	0.00000	0.00143	1
		3188	51.29240	14.42000	85.00000	0.00000	0.00000	-0.00006	1
		3189	52.04670	14.42000	85.00000	0.00000	0.00000	-0.00146	1
		3190	52.80100	14.42000	85.00000	0.00000	0.00000	-0.00276	1
		3191	53.55530	14.42000	85.00000	0.00000	0.00000	-0.00394	1
		3192	54.30960	14.42000	85.00000	0.00000	0.00000	-0.00502	1
		3193	55.06390	14.42000	85.00000	0.00000	0.00000	-0.00598	1
		3194	55.81820	14.42000	85.00000	0.00000	0.00000	-0.00683	1
		3195	56.57250	14.42000	85.00000	0.00000	0.00000	-0.00758	1
		3196	57.32680	14.42000	85.00000	0.00000	0.00000	-0.00822	1
		3197	58.08110	14.42000	85.00000	0.00000	0.00000	-0.00877	1
		3198	58.83540	14.42000	85.00000	0.00000	0.00000	-0.00923	1
		3199	59.58970	14.42000	85.00000	0.00000	0.00000	-0.00960	1
		3200	60.34400	14.42000	85.00000	0.00000	0.00000	-0.00989	1
		3201	61.09830	14.42000	85.00000	0.00000	0.00000	-0.01012	1
		3202	61.85260	14.42000	85.00000	0.00000	0.00000	-0.01028	1
		3203	62.60690	14.42000	85.00000	0.00000	0.00000	-0.01039	1
		3204	63.36120	14.42000	85.00000	0.00000	0.00000	-0.01044	1
		3205	64.11550	14.42000	85.00000	0.00000	0.00000	-0.01045	1
		3206	64.86980	14.42000	85.00000	0.00000	0.00000	-0.01042	1
		3207	65.62410	14.42000	85.00000	0.00000	0.00000	-0.01036	1
		3208	66.37840	14.42000	85.00000	0.00000	0.00000	-0.01027</	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		3243	16.59460	15.14100	85.00000	0.00000	0.00000	-0.00973	1
		3244	17.34890	15.14100	85.00000	0.00000	0.00000	-0.00934	1
		3245	18.10320	15.14100	85.00000	0.00000	0.00000	-0.00887	1
		3246	18.85750	15.14100	85.00000	0.00000	0.00000	-0.00829	1
		3247	19.61180	15.14100	85.00000	0.00000	0.00000	-0.00761	1
		3248	20.36610	15.14100	85.00000	0.00000	0.00000	-0.00682	1
		3249	21.12040	15.14100	85.00000	0.00000	0.00000	-0.00590	1
		3250	21.87470	15.14100	85.00000	0.00000	0.00000	-0.00485	1
		3251	22.62900	15.14100	85.00000	0.00000	0.00000	-0.00368	1
		3252	23.38330	15.14100	85.00000	0.00000	0.00000	-0.00236	1
		3253	24.13760	15.14100	85.00000	0.00000	0.00000	-0.00092	1
		3254	24.89190	15.14100	85.00000	0.00000	0.00000	0.00066	1
		3255	25.64620	15.14100	85.00000	0.00000	0.00000	0.00237	1
		3256	26.40050	15.14100	85.00000	0.00000	0.00000	0.00419	1
		3257	27.15480	15.14100	85.00000	0.00000	0.00000	0.00613	1
		3258	27.90910	15.14100	85.00000	0.00000	0.00000	0.00814	1
		3259	28.66340	15.14100	85.00000	0.00000	0.00000	0.01023	1
		3260	29.41770	15.14100	85.00000	0.00000	0.00000	0.01236	1
		3261	30.17200	15.14100	85.00000	0.00000	0.00000	0.01451	1
		3262	30.92630	15.14100	85.00000	0.00000	0.00000	0.01663	1
		3263	31.68060	15.14100	85.00000	0.00000	0.00000	0.01871	1
		3264	32.43490	15.14100	85.00000	0.00000	0.00000	0.02070	1
		3265	33.18920	15.14100	85.00000	0.00000	0.00000	0.02257	1
		3266	33.94350	15.14100	85.00000	0.00000	0.00000	0.02429	1
		3267	34.69780	15.14100	85.00000	0.00000	0.00000	0.02581	1
		3268	35.45210	15.14100	85.00000	0.00000	0.00000	0.02712	1
		3269	36.20640	15.14100	85.00000	0.00000	0.00000	0.02818	1
		3270	36.96070	15.14100	85.00000	0.00000	0.00000	0.02897	1
		3271	37.71500	15.14100	85.00000	0.00000	0.00000	0.02947	1
		3272	38.46930	15.14100	85.00000	0.00000	0.00000	0.02968	1
		3273	39.22360	15.14100	85.00000	0.00000	0.00000	0.02958	1
		3274	39.97790	15.14100	85.00000	0.00000	0.00000	0.02918	1
		3275	40.73220	15.14100	85.00000	0.00000	0.00000	0.02848	1
		3276	41.48650	15.14100	85.00000	0.00000	0.00000	0.02751	1
		3277	42.24080	15.14100	85.00000	0.00000	0.00000	0.02627	1
		3278	42.99510	15.14100	85.00000	0.00000	0.00000	0.02480	1
		3279	43.74940	15.14100	85.00000	0.00000	0.00000	0.02312	1
		3280	44.50370	15.14100	85.00000	0.00000	0.00000	0.02127	1
		3281	45.25800	15.14100	85.00000	0.00000	0.00000	0.01928	1
		3282	46.01230	15.14100	85.00000	0.00000	0.00000	0.01720	1
		3283	46.76660	15.14100	85.00000	0.00000	0.00000	0.01505	1
		3284	47.52090	15.14100	85.00000	0.00000	0.00000	0.01288	1
		3285	48.27520	15.14100	85.00000	0.00000	0.00000	0.01072	1
		3286	49.02950	15.14100	85.00000	0.00000	0.00000	0.00859	1
		3287	49.78380	15.14100	85.00000	0.00000	0.00000	0.00653	1
		3288	50.53810	15.14100	85.00000	0.00000	0.00000	0.00456	1
		3289	51.29240	15.14100	85.00000	0.00000	0.00000	0.00269	1
		3290	52.04670	15.14100	85.00000	0.00000	0.00000	0.00095	1
		3291	52.80100	15.14100	85.00000	0.00000	0.00000	-0.00066	1
		3292	53.55530	15.14100	85.00000	0.00000	0.00000	-0.00214	1
		3293	54.30960	15.14100	85.00000	0.00000	0.00000	-0.00347	1
		3294	55.06390	15.14100	85.00000	0.00000	0.00000	-0.00467	1
		3295	55.81820	15.14100	85.00000	0.00000	0.00000	-0.00573	1
		3296	56.57250	15.14100	85.00000	0.00000	0.00000	-0.00666	1
		3297	57.32680	15.14100	85.00000	0.00000	0.00000	-0.00747	1
		3298	58.08110	15.14100	85.00000	0.00000	0.00000	-0.00816	1
		3299	58.83540	15.14100	85.00000	0.00000	0.00000	-0.00874	1
		3300	59.58970	15.14100	85.00000	0.00000	0.00000	-0.00922	1
		3301	60.34400	15.14100	85.00000	0.00000	0.00000	-0.00960	1
		3302	61.09830	15.14100	85.00000	0.00000	0.00000	-0.00990	1
		3303	61.85260	15.14100	85.00000	0.00000	0.00000	-0.01013	1
		3304	62.60690	15.14100	85.00000	0.00000	0.00000	-0.01029	1
		3305	63.36120	15.14100	85.00000	0.00000	0.00000	-0.01039	1
		3306	64.11550	15.14100	85.00000	0.00000	0.00000	-0.01044	1
		3307	64.86980	15.14100	85.00000	0.00000	0.00000	-0.01045	1
		3308	65.62410	15.14100	85.00000	0.00000	0.00000	-0.01041	1
		3309	66.37840	15.14100	85.00000	0.00000	0.00000	-0.01034	1
		3310	67.13270	15.14100	85.00000	0.00000	0.00000	-0.01024	1
		3311	67.88700	15.14100	85.00000	0.00000	0.00000	-0.01011	1
		3312	68.64130	15.14100	85.00000	0.00000	0.00000	-0.00996	1
		3313	69.39560	15.14100	85.00000	0.00000	0.00000	-0.00980	1
		3314	70.14990	15.14100	85.00000	0.00000	0.00000	-0.00962	1
		3315	70.90420	15.14100	85.00000	0.00000	0.00000	-0.00943	1
		3316	71.65850	15.14100	85.00000	0.00000	0.00000	-0.00923	1
		3317	72.41280	15.14100	85.00000	0.00000	0.00000	-0.00903	1
		3318	73.16710	15.14100	85.00000	0.00000	0.00000	-0.00882	1
		3319	73.92140	15.14100	85.00000	0.00000	0.00000	-0.00860	1
		3320	74.67570	15.14100	85.00000	0.00000	0.00000	-0.00839	1
		3321	75.43000	15.14100	85.00000	0.00000	0.00000	-0.00817	1
		3322	0.00000	15.86200	85.00000	0.00000	0.00000	-0.00799	1
		3323	0.75430	15.86200	85.00000	0.00000	0.00000	-0.00821	1
		3324	1.50860	15.86200	85.00000	0.00000	0.00000	-0.00843	1
		3325	2.26290	15.86200	85.00000	0.00000	0.00000	-0.00865	1
		3326	3.01720	15.86200	85.00000	0.00000	0.00000	-0.00887	1
		3327	3.77150	15.86200	85.00000	0.00000	0.00000	-0.00908	1
		3328	4.52580	15.86200	85.00000	0.00000	0.00000	-0.00929	1
		3329	5.28010	15.86200	85.00000	0.00000	0.00000	-0.00950	1
		3330	6.03440	15.86200	85.00000	0.00000	0.00000	-0.00970	1
		3331	6.78870	15.86200	85.00000	0.00000	0.00000	-0.00988	1
		3332	7.54300	15.86200	85.00000	0.00000	0.00000	-0.01005	1
		3333	8.29730	15.86200	85.00000	0.00000	0.00000	-0.01021	1
		3334	9.05160	15.86200	85.00000	0.00000	0.00000	-0.01034	1
		3335	9.80590	15.86200	85.00000	0.00000	0.00000	-0.01045	1
		3336	10.56020	15.86200	85.00000	0.00000	0.00000	-0.01053	1
		3337	11.31450	15.86200	85.00000	0.00000	0.00000	-0.01057	1
		3338	12.06880	15.86200	85.00000	0.00000	0.00000	-0.01058	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		3373	38.46930	15.86200	85.00000	0.00000	0.00000	0.03990	1
		3374	39.22360	15.86200	85.00000	0.00000	0.00000	0.03978	1
		3375	39.97790	15.86200	85.00000	0.00000	0.00000	0.03927	1
		3376	40.73220	15.86200	85.00000	0.00000	0.00000	0.03839	1
		3377	41.48650	15.86200	85.00000	0.00000	0.00000	0.03716	1
		3378	42.24080	15.86200	85.00000	0.00000	0.00000	0.03559	1
		3379	42.99510	15.86200	85.00000	0.00000	0.00000	0.03373	1
		3380	43.74940	15.86200	85.00000	0.00000	0.00000	0.03161	1
		3381	44.50370	15.86200	85.00000	0.00000	0.00000	0.02928	1
		3382	45.25800	15.86200	85.00000	0.00000	0.00000	0.02677	1
		3383	46.01230	15.86200	85.00000	0.00000	0.00000	0.02415	1
		3384	46.76660	15.86200	85.00000	0.00000	0.00000	0.02145	1
		3385	47.52090	15.86200	85.00000	0.00000	0.00000	0.01872	1
		3386	48.27520	15.86200	85.00000	0.00000	0.00000	0.01600	1
		3387	49.02950	15.86200	85.00000	0.00000	0.00000	0.01335	1
		3388	49.78380	15.86200	85.00000	0.00000	0.00000	0.01078	1
		3389	50.53810	15.86200	85.00000	0.00000	0.00000	0.00832	1
		3390	51.29240	15.86200	85.00000	0.00000	0.00000	0.00600	1
		3391	52.04670	15.86200	85.00000	0.00000	0.00000	0.00384	1
		3392	52.80100	15.86200	85.00000	0.00000	0.00000	0.00185	1
		3393	53.55530	15.86200	85.00000	0.00000	0.00000	0.00002	1
		3394	54.30960	15.86200	85.00000	0.00000	0.00000	-0.00163	1
		3395	55.06390	15.86200	85.00000	0.00000	0.00000	-0.00311	1
		3396	55.81820	15.86200	85.00000	0.00000	0.00000	-0.00442	1
		3397	56.57250	15.86200	85.00000	0.00000	0.00000	-0.00557	1
		3398	57.32680	15.86200	85.00000	0.00000	0.00000	-0.00656	1
		3399	58.08110	15.86200	85.00000	0.00000	0.00000	-0.00742	1
		3400	58.83540	15.86200	85.00000	0.00000	0.00000	-0.00814	1
		3401	59.58970	15.86200	85.00000	0.00000	0.00000	-0.00874	1
		3402	60.34400	15.86200	85.00000	0.00000	0.00000	-0.00924	1
		3403	61.09830	15.86200	85.00000	0.00000	0.00000	-0.00963	1
		3404	61.85260	15.86200	85.00000	0.00000	0.00000	-0.00993	1
		3405	62.60690	15.86200	85.00000	0.00000	0.00000	-0.01016	1
		3406	63.36120	15.86200	85.00000	0.00000	0.00000	-0.01031	1
		3407	64.11550	15.86200	85.00000	0.00000	0.00000	-0.01041	1
		3408	64.86980	15.86200	85.00000	0.00000	0.00000	-0.01044	1
		3409	65.62410	15.86200	85.00000	0.00000	0.00000	-0.01044	1
		3410	66.37840	15.86200	85.00000	0.00000	0.00000	-0.01039	1
		3411	67.13270	15.86200	85.00000	0.00000	0.00000	-0.01031	1
		3412	67.88700	15.86200	85.00000	0.00000	0.00000	-0.01020	1
		3413	68.64130	15.86200	85.00000	0.00000	0.00000	-0.01006	1
		3414	69.39560	15.86200	85.00000	0.00000	0.00000	-0.00991	1
		3415	70.14990	15.86200	85.00000	0.00000	0.00000	-0.00973	1
		3416	70.90420	15.86200	85.00000	0.00000	0.00000	-0.00955	1
		3417	71.65850	15.86200	85.00000	0.00000	0.00000	-0.00935	1
		3418	72.41280	15.86200	85.00000	0.00000	0.00000	-0.00915	1
		3419	73.16710	15.86200	85.00000	0.00000	0.00000	-0.00894	1
		3420	73.92140	15.86200	85.00000	0.00000	0.00000	-0.00872	1
		3421	74.67570	15.86200	85.00000	0.00000	0.00000	-0.00851	1
		3422	75.43000	15.86200	85.00000	0.00000	0.00000	-0.00829	1
		3423	0.00000	16.58300	85.00000	0.00000	0.00000	-0.00810	1
		3424	0.75430	16.58300	85.00000	0.00000	0.00000	-0.00832	1
		3425	1.50860	16.58300	85.00000	0.00000	0.00000	-0.00855	1
		3426	2.26290	16.58300	85.00000	0.00000	0.00000	-0.00877	1
		3427	3.01720	16.58300	85.00000	0.00000	0.00000	-0.00899	1
		3428	3.77150	16.58300	85.00000	0.00000	0.00000	-0.00920	1
		3429	4.52580	16.58300	85.00000	0.00000	0.00000	-0.00941	1
		3430	5.28010	16.58300	85.00000	0.00000	0.00000	-0.00961	1
		3431	6.03440	16.58300	85.00000	0.00000	0.00000	-0.00981	1
		3432	6.78870	16.58300	85.00000	0.00000	0.00000	-0.00999	1
		3433	7.54300	16.58300	85.00000	0.00000	0.00000	-0.01015	1
		3434	8.29730	16.58300	85.00000	0.00000	0.00000	-0.01029	1
		3435	9.05160	16.58300	85.00000	0.00000	0.00000	-0.01041	1
		3436	9.80590	16.58300	85.00000	0.00000	0.00000	-0.01051	1
		3437	10.56020	16.58300	85.00000	0.00000	0.00000	-0.01056	1
		3438	11.31450	16.58300	85.00000	0.00000	0.00000	-0.01058	1
		3439	12.06880	16.58300	85.00000	0.00000	0.00000	-0.01055	1
		3440	12.82310	16.58300	85.00000	0.00000	0.00000	-0.01046	1
		3441	13.57740	16.58300	85.00000	0.00000	0.00000	-0.01032	1
		3442	14.33170	16.58300	85.00000	0.00000	0.00000	-0.01010	1
		3443	15.08600	16.58300	85.00000	0.00000	0.00000	-0.00979	1
		3444	15.84030	16.58300	85.00000	0.00000	0.00000	-0.00940	1
		3445	16.59460	16.58300	85.00000	0.00000	0.00000	-0.00890	1
		3446	17.34890	16.58300	85.00000	0.00000	0.00000	-0.00828	1
		3447	18.10320	16.58300	85.00000	0.00000	0.00000	-0.00754	1
		3448	18.85750	16.58300	85.00000	0.00000	0.00000	-0.00665	1
		3449	19.61180	16.58300	85.00000	0.00000	0.00000	-0.00561	1
		3450	20.36610	16.58300	85.00000	0.00000	0.00000	-0.00440	1
		3451	21.12040	16.58300	85.00000	0.00000	0.00000	-0.00301	1
		3452	21.87470	16.58300	85.00000	0.00000	0.00000	-0.00143	1
		3453	22.62900	16.58300	85.00000	0.00000	0.00000	0.00035	1
		3454	23.38330	16.58300	85.00000	0.00000	0.00000	0.00234	1
		3455	24.13760	16.58300	85.00000	0.00000	0.00000	0.00454	1
		3456	24.89190	16.58300	85.00000	0.00000	0.00000	0.00694	1
		3457	25.64620	16.58300	85.00000	0.00000	0.00000	0.00955	1
		3458	26.40050	16.58300	85.00000	0.00000	0.00000	0.01235	1
		3459	27.15480	16.58300	85.00000	0.00000	0.00000	0.01533	1
		3460	27.90910	16.58300	85.00000	0.00000	0.00000	0.01846	1
		3461	28.66340	16.58300	85.00000	0.00000	0.00000	0.02170	1
		3462	29.41770	16.58300	85.00000	0.00000	0.00000	0.02503	1
		3463	30.17200	16.58300	85.00000	0.00000	0.00000	0.02839	1
		3464	30.92630	16.58300	85.00000	0.00000	0.00000	0.03174	1
		3465	31.68060	16.58300	85.00000	0.00000	0.00000	0.03502	1
		3466	32.43490	16.58300	85.00000	0.00000	0.00000	0.03817	1
		3467	33.18920	16.58300	85.00000	0.00000	0.00000	0.04114	1
		3468	33.94350	16.58300	85.00000	0.00000	0.00000	0.04387	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		3503	60.34400	16.58300	85.00000	0.00000	0.00000	-0.00879	1
		3504	61.09830	16.58300	85.00000	0.00000	0.00000	-0.00929	1
		3505	61.85260	16.58300	85.00000	0.00000	0.00000	-0.00968	1
		3506	62.60690	16.58300	85.00000	0.00000	0.00000	-0.00998	1
		3507	63.36120	16.58300	85.00000	0.00000	0.00000	-0.01019	1
		3508	64.11550	16.58300	85.00000	0.00000	0.00000	-0.01034	1
		3509	64.86980	16.58300	85.00000	0.00000	0.00000	-0.01042	1
		3510	65.62410	16.58300	85.00000	0.00000	0.00000	-0.01044	1
		3511	66.37840	16.58300	85.00000	0.00000	0.00000	-0.01042	1
		3512	67.13270	16.58300	85.00000	0.00000	0.00000	-0.01036	1
		3513	67.88700	16.58300	85.00000	0.00000	0.00000	-0.01027	1
		3514	68.64130	16.58300	85.00000	0.00000	0.00000	-0.01015	1
		3515	69.39560	16.58300	85.00000	0.00000	0.00000	-0.01000	1
		3516	70.14990	16.58300	85.00000	0.00000	0.00000	-0.00984	1
		3517	70.90420	16.58300	85.00000	0.00000	0.00000	-0.00966	1
		3518	71.65850	16.58300	85.00000	0.00000	0.00000	-0.00947	1
		3519	72.41280	16.58300	85.00000	0.00000	0.00000	-0.00926	1
		3520	73.16710	16.58300	85.00000	0.00000	0.00000	-0.00905	1
		3521	73.92140	16.58300	85.00000	0.00000	0.00000	-0.00884	1
		3522	74.67570	16.58300	85.00000	0.00000	0.00000	-0.00862	1
		3523	75.43000	16.58300	85.00000	0.00000	0.00000	-0.00840	1
		3524	0.00000	17.30400	85.00000	0.00000	0.00000	-0.00821	1
		3525	0.75430	17.30400	85.00000	0.00000	0.00000	-0.00843	1
		3526	1.50860	17.30400	85.00000	0.00000	0.00000	-0.00866	1
		3527	2.26290	17.30400	85.00000	0.00000	0.00000	-0.00888	1
		3528	3.01720	17.30400	85.00000	0.00000	0.00000	-0.00910	1
		3529	3.77150	17.30400	85.00000	0.00000	0.00000	-0.00932	1
		3530	4.52580	17.30400	85.00000	0.00000	0.00000	-0.00953	1
		3531	5.28010	17.30400	85.00000	0.00000	0.00000	-0.00972	1
		3532	6.03440	17.30400	85.00000	0.00000	0.00000	-0.00991	1
		3533	6.78870	17.30400	85.00000	0.00000	0.00000	-0.01009	1
		3534	7.54300	17.30400	85.00000	0.00000	0.00000	-0.01024	1
		3535	8.29730	17.30400	85.00000	0.00000	0.00000	-0.01037	1
		3536	9.05160	17.30400	85.00000	0.00000	0.00000	-0.01047	1
		3537	9.80590	17.30400	85.00000	0.00000	0.00000	-0.01054	1
		3538	10.56020	17.30400	85.00000	0.00000	0.00000	-0.01058	1
		3539	11.31450	17.30400	85.00000	0.00000	0.00000	-0.01056	1
		3540	12.06880	17.30400	85.00000	0.00000	0.00000	-0.01049	1
		3541	12.82310	17.30400	85.00000	0.00000	0.00000	-0.01035	1
		3542	13.57740	17.30400	85.00000	0.00000	0.00000	-0.01015	1
		3543	14.33170	17.30400	85.00000	0.00000	0.00000	-0.00986	1
		3544	15.08600	17.30400	85.00000	0.00000	0.00000	-0.00947	1
		3545	15.84030	17.30400	85.00000	0.00000	0.00000	-0.00897	1
		3546	16.59460	17.30400	85.00000	0.00000	0.00000	-0.00835	1
		3547	17.34890	17.30400	85.00000	0.00000	0.00000	-0.00759	1
		3548	18.10320	17.30400	85.00000	0.00000	0.00000	-0.00668	1
		3549	18.85750	17.30400	85.00000	0.00000	0.00000	-0.00560	1
		3550	19.61180	17.30400	85.00000	0.00000	0.00000	-0.00433	1
		3551	20.36610	17.30400	85.00000	0.00000	0.00000	-0.00286	1
		3552	21.12040	17.30400	85.00000	0.00000	0.00000	-0.00117	1
		3553	21.87470	17.30400	85.00000	0.00000	0.00000	0.00075	1
		3554	22.62900	17.30400	85.00000	0.00000	0.00000	0.00293	1
		3555	23.38330	17.30400	85.00000	0.00000	0.00000	0.00535	1
		3556	24.13760	17.30400	85.00000	0.00000	0.00000	0.00804	1
		3557	24.89190	17.30400	85.00000	0.00000	0.00000	0.01100	1
		3558	25.64620	17.30400	85.00000	0.00000	0.00000	0.01421	1
		3559	26.40050	17.30400	85.00000	0.00000	0.00000	0.01767	1
		3560	27.15480	17.30400	85.00000	0.00000	0.00000	0.02135	1
		3561	27.90910	17.30400	85.00000	0.00000	0.00000	0.02523	1
		3562	28.66340	17.30400	85.00000	0.00000	0.00000	0.02927	1
		3563	29.41770	17.30400	85.00000	0.00000	0.00000	0.03341	1
		3564	30.17200	17.30400	85.00000	0.00000	0.00000	0.03762	1
		3565	30.92630	17.30400	85.00000	0.00000	0.00000	0.04181	1
		3566	31.68060	17.30400	85.00000	0.00000	0.00000	0.04593	1
		3567	32.43490	17.30400	85.00000	0.00000	0.00000	0.04990	1
		3568	33.18920	17.30400	85.00000	0.00000	0.00000	0.05364	1
		3569	33.94350	17.30400	85.00000	0.00000	0.00000	0.05708	1
		3570	34.69780	17.30400	85.00000	0.00000	0.00000	0.06015	1
		3571	35.45210	17.30400	85.00000	0.00000	0.00000	0.06279	1
		3572	36.20640	17.30400	85.00000	0.00000	0.00000	0.06493	1
		3573	36.96070	17.30400	85.00000	0.00000	0.00000	0.06653	1
		3574	37.71500	17.30400	85.00000	0.00000	0.00000	0.06756	1
		3575	38.46930	17.30400	85.00000	0.00000	0.00000	0.06798	1
		3576	39.22360	17.30400	85.00000	0.00000	0.00000	0.06779	1
		3577	39.97790	17.30400	85.00000	0.00000	0.00000	0.06699	1
		3578	40.73220	17.30400	85.00000	0.00000	0.00000	0.06558	1
		3579	41.48650	17.30400	85.00000	0.00000	0.00000	0.06361	1
		3580	42.24080	17.30400	85.00000	0.00000	0.00000	0.06111	1
		3581	42.99510	17.30400	85.00000	0.00000	0.00000	0.05814	1
		3582	43.74940	17.30400	85.00000	0.00000	0.00000	0.05476	1
		3583	44.50370	17.30400	85.00000	0.00000	0.00000	0.05104	1
		3584	45.25800	17.30400	85.00000	0.00000	0.00000	0.04706	1
		3585	46.01230	17.30400	85.00000	0.00000	0.00000	0.04289	1
		3586	46.76660	17.30400	85.00000	0.00000	0.00000	0.03863	1
		3587	47.52090	17.30400	85.00000	0.00000	0.00000	0.03434	1
		3588	48.27520	17.30400	85.00000	0.00000	0.00000	0.03010	1
		3589	49.02950	17.30400	85.00000	0.00000	0.00000	0.02596	1
		3590	49.78380	17.30400	85.00000	0.00000	0.00000	0.02198	1
		3591	50.53810	17.30400	85.00000	0.00000	0.00000	0.01820	1
		3592	51.29240	17.30400	85.00000	0.00000	0.00000	0.01466	1
		3593	52.04670	17.30400	85.00000	0.00000	0.00000	0.01137	1
		3594	52.80100	17.30400	85.00000	0.00000	0.00000	0.00835	1
		3595	53.55530	17.30400	85.00000	0.00000	0.00000	0.00560	1
		3596	54.30960	17.30400	85.00000	0.00000	0.00000	0.00313	1
		3597	55.06390	17.30400	85.00000	0.00000	0.00000	0.00092	1
		3598	55.81820	17.30400	85.00000	0.00000	0.00000	-0.00100	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		3633	6.03440	18.02500	85.00000	0.00000	0.00000	-0.01001	1
		3634	6.78870	18.02500	85.00000	0.00000	0.00000	-0.01018	1
		3635	7.54300	18.02500	85.00000	0.00000	0.00000	-0.01032	1
		3636	8.29730	18.02500	85.00000	0.00000	0.00000	-0.01044	1
		3637	9.05160	18.02500	85.00000	0.00000	0.00000	-0.01052	1
		3638	9.80590	18.02500	85.00000	0.00000	0.00000	-0.01057	1
		3639	10.56020	18.02500	85.00000	0.00000	0.00000	-0.01057	1
		3640	11.31450	18.02500	85.00000	0.00000	0.00000	-0.01051	1
		3641	12.06880	18.02500	85.00000	0.00000	0.00000	-0.01040	1
		3642	12.82310	18.02500	85.00000	0.00000	0.00000	-0.01021	1
		3643	13.57740	18.02500	85.00000	0.00000	0.00000	-0.00993	1
		3644	14.33170	18.02500	85.00000	0.00000	0.00000	-0.00956	1
		3645	15.08600	18.02500	85.00000	0.00000	0.00000	-0.00908	1
		3646	15.84030	18.02500	85.00000	0.00000	0.00000	-0.00846	1
		3647	16.59460	18.02500	85.00000	0.00000	0.00000	-0.00771	1
		3648	17.34890	18.02500	85.00000	0.00000	0.00000	-0.00679	1
		3649	18.10320	18.02500	85.00000	0.00000	0.00000	-0.00568	1
		3650	18.85750	18.02500	85.00000	0.00000	0.00000	-0.00438	1
		3651	19.61180	18.02500	85.00000	0.00000	0.00000	-0.00284	1
		3652	20.36610	18.02500	85.00000	0.00000	0.00000	-0.00107	1
		3653	21.12040	18.02500	85.00000	0.00000	0.00000	0.00098	1
		3654	21.87470	18.02500	85.00000	0.00000	0.00000	0.00331	1
		3655	22.62900	18.02500	85.00000	0.00000	0.00000	0.00594	1
		3656	23.38330	18.02500	85.00000	0.00000	0.00000	0.00889	1
		3657	24.13760	18.02500	85.00000	0.00000	0.00000	0.01218	1
		3658	24.89190	18.02500	85.00000	0.00000	0.00000	0.01579	1
		3659	25.64620	18.02500	85.00000	0.00000	0.00000	0.01973	1
		3660	26.40050	18.02500	85.00000	0.00000	0.00000	0.02398	1
		3661	27.15480	18.02500	85.00000	0.00000	0.00000	0.02853	1
		3662	27.90910	18.02500	85.00000	0.00000	0.00000	0.03334	1
		3663	28.66340	18.02500	85.00000	0.00000	0.00000	0.03836	1
		3664	29.41770	18.02500	85.00000	0.00000	0.00000	0.04353	1
		3665	30.17200	18.02500	85.00000	0.00000	0.00000	0.04878	1
		3666	30.92630	18.02500	85.00000	0.00000	0.00000	0.05404	1
		3667	31.68060	18.02500	85.00000	0.00000	0.00000	0.05921	1
		3668	32.43490	18.02500	85.00000	0.00000	0.00000	0.06420	1
		3669	33.18920	18.02500	85.00000	0.00000	0.00000	0.06892	1
		3670	33.94350	18.02500	85.00000	0.00000	0.00000	0.07326	1
		3671	34.69780	18.02500	85.00000	0.00000	0.00000	0.07714	1
		3672	35.45210	18.02500	85.00000	0.00000	0.00000	0.08047	1
		3673	36.20640	18.02500	85.00000	0.00000	0.00000	0.08319	1
		3674	36.96070	18.02500	85.00000	0.00000	0.00000	0.08522	1
		3675	37.71500	18.02500	85.00000	0.00000	0.00000	0.08652	1
		3676	38.46930	18.02500	85.00000	0.00000	0.00000	0.08706	1
		3677	39.22360	18.02500	85.00000	0.00000	0.00000	0.08683	1
		3678	39.97790	18.02500	85.00000	0.00000	0.00000	0.08582	1
		3679	40.73220	18.02500	85.00000	0.00000	0.00000	0.08404	1
		3680	41.48650	18.02500	85.00000	0.00000	0.00000	0.08155	1
		3681	42.24080	18.02500	85.00000	0.00000	0.00000	0.07839	1
		3682	42.99510	18.02500	85.00000	0.00000	0.00000	0.07463	1
		3683	43.74940	18.02500	85.00000	0.00000	0.00000	0.07036	1
		3684	44.50370	18.02500	85.00000	0.00000	0.00000	0.06566	1
		3685	45.25800	18.02500	85.00000	0.00000	0.00000	0.06063	1
		3686	46.01230	18.02500	85.00000	0.00000	0.00000	0.05539	1
		3687	46.76660	18.02500	85.00000	0.00000	0.00000	0.05004	1
		3688	47.52090	18.02500	85.00000	0.00000	0.00000	0.04466	1
		3689	48.27520	18.02500	85.00000	0.00000	0.00000	0.03936	1
		3690	49.02950	18.02500	85.00000	0.00000	0.00000	0.03421	1
		3691	49.78380	18.02500	85.00000	0.00000	0.00000	0.02927	1
		3692	50.53810	18.02500	85.00000	0.00000	0.00000	0.02460	1
		3693	51.29240	18.02500	85.00000	0.00000	0.00000	0.02023	1
		3694	52.04670	18.02500	85.00000	0.00000	0.00000	0.01619	1
		3695	52.80100	18.02500	85.00000	0.00000	0.00000	0.01249	1
		3696	53.55530	18.02500	85.00000	0.00000	0.00000	0.00914	1
		3697	54.30960	18.02500	85.00000	0.00000	0.00000	0.00613	1
		3698	55.06390	18.02500	85.00000	0.00000	0.00000	0.00345	1
		3699	55.81820	18.02500	85.00000	0.00000	0.00000	0.00109	1
		3700	56.57250	18.02500	85.00000	0.00000	0.00000	-0.00098	1
		3701	57.32680	18.02500	85.00000	0.00000	0.00000	-0.00277	1
		3702	58.08110	18.02500	85.00000	0.00000	0.00000	-0.00431	1
		3703	58.83540	18.02500	85.00000	0.00000	0.00000	-0.00562	1
		3704	59.58970	18.02500	85.00000	0.00000	0.00000	-0.00672	1
		3705	60.34400	18.02500	85.00000	0.00000	0.00000	-0.00764	1
		3706	61.09830	18.02500	85.00000	0.00000	0.00000	-0.00839	1
		3707	61.85260	18.02500	85.00000	0.00000	0.00000	-0.00899	1
		3708	62.60690	18.02500	85.00000	0.00000	0.00000	-0.00947	1
		3709	63.36120	18.02500	85.00000	0.00000	0.00000	-0.00983	1
		3710	64.11550	18.02500	85.00000	0.00000	0.00000	-0.01010	1
		3711	64.86980	18.02500	85.00000	0.00000	0.00000	-0.01028	1
		3712	65.62410	18.02500	85.00000	0.00000	0.00000	-0.01039	1
		3713	66.37840	18.02500	85.00000	0.00000	0.00000	-0.01044	1
		3714	67.13270	18.02500	85.00000	0.00000	0.00000	-0.01043	1
		3715	67.88700	18.02500	85.00000	0.00000	0.00000	-0.01038	1
		3716	68.64130	18.02500	85.00000	0.00000	0.00000	-0.01029	1
		3717	69.39560	18.02500	85.00000	0.00000	0.00000	-0.01017	1
		3718	70.14990	18.02500	85.00000	0.00000	0.00000	-0.01003	1
		3719	70.90420	18.02500	85.00000	0.00000	0.00000	-0.00986	1
		3720	71.65850	18.02500	85.00000	0.00000	0.00000	-0.00968	1
		3721	72.41280	18.02500	85.00000	0.00000	0.00000	-0.00948	1
		3722	73.16710	18.02500	85.00000	0.00000	0.00000	-0.00927	1
		3723	73.92140	18.02500	85.00000	0.00000	0.00000	-0.00906	1
		3724	74.67570	18.02500	85.00000	0.00000	0.00000	-0.00884	1
		3725	75.43000	18.02500	85.00000	0.00000	0.00000	-0.00862	1
		3726	0.00000	18.74600	85.00000	0.00000	0.00000	-0.00842	1
		3727	0.75430	18.74600	85.00000	0.00000	0.00000	-0.00864	1
		3728	1.50860	18.74600	85.00000	0.00000	0.00000	-0.0	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		3763	27.90910	18.74600	85.00000	0.00000	0.00000	0.04303	1
		3764	28.66340	18.74600	85.00000	0.00000	0.00000	0.04926	1
		3765	29.41770	18.74600	85.00000	0.00000	0.00000	0.05571	1
		3766	30.17200	18.74600	85.00000	0.00000	0.00000	0.06228	1
		3767	30.92630	18.74600	85.00000	0.00000	0.00000	0.06886	1
		3768	31.68060	18.74600	85.00000	0.00000	0.00000	0.07536	1
		3769	32.43490	18.74600	85.00000	0.00000	0.00000	0.08165	1
		3770	33.18920	18.74600	85.00000	0.00000	0.00000	0.08759	1
		3771	33.94350	18.74600	85.00000	0.00000	0.00000	0.09308	1
		3772	34.69780	18.74600	85.00000	0.00000	0.00000	0.09799	1
		3773	35.45210	18.74600	85.00000	0.00000	0.00000	0.10221	1
		3774	36.20640	18.74600	85.00000	0.00000	0.00000	0.10565	1
		3775	36.96070	18.74600	85.00000	0.00000	0.00000	0.10823	1
		3776	37.71500	18.74600	85.00000	0.00000	0.00000	0.10988	1
		3777	38.46930	18.74600	85.00000	0.00000	0.00000	0.11058	1
		3778	39.22360	18.74600	85.00000	0.00000	0.00000	0.11029	1
		3779	39.97790	18.74600	85.00000	0.00000	0.00000	0.10901	1
		3780	40.73220	18.74600	85.00000	0.00000	0.00000	0.10678	1
		3781	41.48650	18.74600	85.00000	0.00000	0.00000	0.10362	1
		3782	42.24080	18.74600	85.00000	0.00000	0.00000	0.09963	1
		3783	42.99510	18.74600	85.00000	0.00000	0.00000	0.09487	1
		3784	43.74940	18.74600	85.00000	0.00000	0.00000	0.08946	1
		3785	44.50370	18.74600	85.00000	0.00000	0.00000	0.08352	1
		3786	45.25800	18.74600	85.00000	0.00000	0.00000	0.07718	1
		3787	46.01230	18.74600	85.00000	0.00000	0.00000	0.07057	1
		3788	46.76660	18.74600	85.00000	0.00000	0.00000	0.06384	1
		3789	47.52090	18.74600	85.00000	0.00000	0.00000	0.05710	1
		3790	48.27520	18.74600	85.00000	0.00000	0.00000	0.05048	1
		3791	49.02950	18.74600	85.00000	0.00000	0.00000	0.04406	1
		3792	49.78380	18.74600	85.00000	0.00000	0.00000	0.03794	1
		3793	50.53810	18.74600	85.00000	0.00000	0.00000	0.03217	1
		3794	51.29240	18.74600	85.00000	0.00000	0.00000	0.02680	1
		3795	52.04670	18.74600	85.00000	0.00000	0.00000	0.02185	1
		3796	52.80100	18.74600	85.00000	0.00000	0.00000	0.01734	1
		3797	53.55530	18.74600	85.00000	0.00000	0.00000	0.01327	1
		3798	54.30960	18.74600	85.00000	0.00000	0.00000	0.00962	1
		3799	55.06390	18.74600	85.00000	0.00000	0.00000	0.00639	1
		3800	55.81820	18.74600	85.00000	0.00000	0.00000	0.00355	1
		3801	56.57250	18.74600	85.00000	0.00000	0.00000	0.00106	1
		3802	57.32680	18.74600	85.00000	0.00000	0.00000	-0.00108	1
		3803	58.08110	18.74600	85.00000	0.00000	0.00000	-0.00293	1
		3804	58.83540	18.74600	85.00000	0.00000	0.00000	-0.00449	1
		3805	59.58970	18.74600	85.00000	0.00000	0.00000	-0.00581	1
		3806	60.34400	18.74600	85.00000	0.00000	0.00000	-0.00692	1
		3807	61.09830	18.74600	85.00000	0.00000	0.00000	-0.00782	1
		3808	61.85260	18.74600	85.00000	0.00000	0.00000	-0.00855	1
		3809	62.60690	18.74600	85.00000	0.00000	0.00000	-0.00914	1
		3810	63.36120	18.74600	85.00000	0.00000	0.00000	-0.00959	1
		3811	64.11550	18.74600	85.00000	0.00000	0.00000	-0.00993	1
		3812	64.86980	18.74600	85.00000	0.00000	0.00000	-0.01017	1
		3813	65.62410	18.74600	85.00000	0.00000	0.00000	-0.01033	1
		3814	66.37840	18.74600	85.00000	0.00000	0.00000	-0.01041	1
		3815	67.13270	18.74600	85.00000	0.00000	0.00000	-0.01044	1
		3816	67.88700	18.74600	85.00000	0.00000	0.00000	-0.01041	1
		3817	68.64130	18.74600	85.00000	0.00000	0.00000	-0.01035	1
		3818	69.39560	18.74600	85.00000	0.00000	0.00000	-0.01024	1
		3819	70.14990	18.74600	85.00000	0.00000	0.00000	-0.01011	1
		3820	70.90420	18.74600	85.00000	0.00000	0.00000	-0.00995	1
		3821	71.65850	18.74600	85.00000	0.00000	0.00000	-0.00977	1
		3822	72.41280	18.74600	85.00000	0.00000	0.00000	-0.00958	1
		3823	73.16710	18.74600	85.00000	0.00000	0.00000	-0.00937	1
		3824	73.92140	18.74600	85.00000	0.00000	0.00000	-0.00916	1
		3825	74.67570	18.74600	85.00000	0.00000	0.00000	-0.00894	1
		3826	75.43000	18.74600	85.00000	0.00000	0.00000	-0.00872	1
		3827	0.00000	19.46700	85.00000	0.00000	0.00000	-0.00851	1
		3828	0.75430	19.46700	85.00000	0.00000	0.00000	-0.00875	1
		3829	1.50860	19.46700	85.00000	0.00000	0.00000	-0.00897	1
		3830	2.26290	19.46700	85.00000	0.00000	0.00000	-0.00920	1
		3831	3.01720	19.46700	85.00000	0.00000	0.00000	-0.00942	1
		3832	3.77150	19.46700	85.00000	0.00000	0.00000	-0.00963	1
		3833	4.52580	19.46700	85.00000	0.00000	0.00000	-0.00983	1
		3834	5.28010	19.46700	85.00000	0.00000	0.00000	-0.01001	1
		3835	6.03440	19.46700	85.00000	0.00000	0.00000	-0.01018	1
		3836	6.78870	19.46700	85.00000	0.00000	0.00000	-0.01033	1
		3837	7.54300	19.46700	85.00000	0.00000	0.00000	-0.01044	1
		3838	8.29730	19.46700	85.00000	0.00000	0.00000	-0.01052	1
		3839	9.05160	19.46700	85.00000	0.00000	0.00000	-0.01056	1
		3840	9.80590	19.46700	85.00000	0.00000	0.00000	-0.01055	1
		3841	10.56020	19.46700	85.00000	0.00000	0.00000	-0.01048	1
		3842	11.31450	19.46700	85.00000	0.00000	0.00000	-0.01034	1
		3843	12.06880	19.46700	85.00000	0.00000	0.00000	-0.01012	1
		3844	12.82310	19.46700	85.00000	0.00000	0.00000	-0.00980	1
		3845	13.57740	19.46700	85.00000	0.00000	0.00000	-0.00937	1
		3846	14.33170	19.46700	85.00000	0.00000	0.00000	-0.00880	1
		3847	15.08600	19.46700	85.00000	0.00000	0.00000	-0.00808	1
		3848	15.84030	19.46700	85.00000	0.00000	0.00000	-0.00719	1
		3849	16.59460	19.46700	85.00000	0.00000	0.00000	-0.00610	1
		3850	17.34890	19.46700	85.00000	0.00000	0.00000	-0.00478	1
		3851	18.10320	19.46700	85.00000	0.00000	0.00000	-0.00320	1
		3852	18.85750	19.46700	85.00000	0.00000	0.00000	-0.00134	1
		3853	19.61180	19.46700	85.00000	0.00000	0.00000	0.00085	1
		3854	20.36610	19.46700	85.00000	0.00000	0.00000	0.00339	1
		3855	21.12040	19.46700	85.00000	0.00000	0.00000	0.00633	1
		3856	21.87470	19.46700	85.00000	0.00000	0.00000	0.00969	1
		3857	22.62900	19.46700	85.00000	0.00000	0.00000	0.01352	1
		3858	23.38330	19.46700	85.00000	0.00000	0.00000	0.01784	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		3893	49.78380	19.46700	85.00000	0.00000	0.00000	0.04822	1
		3894	50.53810	19.46700	85.00000	0.00000	0.00000	0.04111	1
		3895	51.29240	19.46700	85.00000	0.00000	0.00000	0.03451	1
		3896	52.04670	19.46700	85.00000	0.00000	0.00000	0.02846	1
		3897	52.80100	19.46700	85.00000	0.00000	0.00000	0.02298	1
		3898	53.55530	19.46700	85.00000	0.00000	0.00000	0.01805	1
		3899	54.30960	19.46700	85.00000	0.00000	0.00000	0.01365	1
		3900	55.06390	19.46700	85.00000	0.00000	0.00000	0.00977	1
		3901	55.81820	19.46700	85.00000	0.00000	0.00000	0.00636	1
		3902	56.57250	19.46700	85.00000	0.00000	0.00000	0.00340	1
		3903	57.32680	19.46700	85.00000	0.00000	0.00000	0.00084	1
		3904	58.08110	19.46700	85.00000	0.00000	0.00000	-0.00135	1
		3905	58.83540	19.46700	85.00000	0.00000	0.00000	-0.00321	1
		3906	59.58970	19.46700	85.00000	0.00000	0.00000	-0.00478	1
		3907	60.34400	19.46700	85.00000	0.00000	0.00000	-0.00609	1
		3908	61.09830	19.46700	85.00000	0.00000	0.00000	-0.00717	1
		3909	61.85260	19.46700	85.00000	0.00000	0.00000	-0.00805	1
		3910	62.60690	19.46700	85.00000	0.00000	0.00000	-0.00875	1
		3911	63.36120	19.46700	85.00000	0.00000	0.00000	-0.00930	1
		3912	64.11550	19.46700	85.00000	0.00000	0.00000	-0.00972	1
		3913	64.86980	19.46700	85.00000	0.00000	0.00000	-0.01003	1
		3914	65.62410	19.46700	85.00000	0.00000	0.00000	-0.01024	1
		3915	66.37840	19.46700	85.00000	0.00000	0.00000	-0.01037	1
		3916	67.13270	19.46700	85.00000	0.00000	0.00000	-0.01043	1
		3917	67.88700	19.46700	85.00000	0.00000	0.00000	-0.01043	1
		3918	68.64130	19.46700	85.00000	0.00000	0.00000	-0.01039	1
		3919	69.39560	19.46700	85.00000	0.00000	0.00000	-0.01030	1
		3920	70.14990	19.46700	85.00000	0.00000	0.00000	-0.01018	1
		3921	70.90420	19.46700	85.00000	0.00000	0.00000	-0.01003	1
		3922	71.65850	19.46700	85.00000	0.00000	0.00000	-0.00986	1
		3923	72.41280	19.46700	85.00000	0.00000	0.00000	-0.00967	1
		3924	73.16710	19.46700	85.00000	0.00000	0.00000	-0.00947	1
		3925	73.92140	19.46700	85.00000	0.00000	0.00000	-0.00926	1
		3926	74.67570	19.46700	85.00000	0.00000	0.00000	-0.00904	1
		3927	75.43000	19.46700	85.00000	0.00000	0.00000	-0.00882	1
		3928	0.00000	20.18800	85.00000	0.00000	0.00000	-0.00861	1
		3929	0.75430	20.18800	85.00000	0.00000	0.00000	-0.00884	1
		3930	1.50860	20.18800	85.00000	0.00000	0.00000	-0.00907	1
		3931	2.26290	20.18800	85.00000	0.00000	0.00000	-0.00930	1
		3932	3.01720	20.18800	85.00000	0.00000	0.00000	-0.00951	1
		3933	3.77150	20.18800	85.00000	0.00000	0.00000	-0.00972	1
		3934	4.52580	20.18800	85.00000	0.00000	0.00000	-0.00992	1
		3935	5.28010	20.18800	85.00000	0.00000	0.00000	-0.01010	1
		3936	6.03440	20.18800	85.00000	0.00000	0.00000	-0.01026	1
		3937	6.78870	20.18800	85.00000	0.00000	0.00000	-0.01039	1
		3938	7.54300	20.18800	85.00000	0.00000	0.00000	-0.01049	1
		3939	8.29730	20.18800	85.00000	0.00000	0.00000	-0.01055	1
		3940	9.05160	20.18800	85.00000	0.00000	0.00000	-0.01056	1
		3941	9.80590	20.18800	85.00000	0.00000	0.00000	-0.01052	1
		3942	10.56020	20.18800	85.00000	0.00000	0.00000	-0.01041	1
		3943	11.31450	20.18800	85.00000	0.00000	0.00000	-0.01022	1
		3944	12.06880	20.18800	85.00000	0.00000	0.00000	-0.00993	1
		3945	12.82310	20.18800	85.00000	0.00000	0.00000	-0.00953	1
		3946	13.57740	20.18800	85.00000	0.00000	0.00000	-0.00901	1
		3947	14.33170	20.18800	85.00000	0.00000	0.00000	-0.00833	1
		3948	15.08600	20.18800	85.00000	0.00000	0.00000	-0.00747	1
		3949	15.84030	20.18800	85.00000	0.00000	0.00000	-0.00641	1
		3950	16.59460	20.18800	85.00000	0.00000	0.00000	-0.00512	1
		3951	17.34890	20.18800	85.00000	0.00000	0.00000	-0.00356	1
		3952	18.10320	20.18800	85.00000	0.00000	0.00000	-0.00170	1
		3953	18.85750	20.18800	85.00000	0.00000	0.00000	0.00050	1
		3954	19.61180	20.18800	85.00000	0.00000	0.00000	0.00309	1
		3955	20.36610	20.18800	85.00000	0.00000	0.00000	0.00611	1
		3956	21.12040	20.18800	85.00000	0.00000	0.00000	0.00960	1
		3957	21.87470	20.18800	85.00000	0.00000	0.00000	0.01362	1
		3958	22.62900	20.18800	85.00000	0.00000	0.00000	0.01820	1
		3959	23.38330	20.18800	85.00000	0.00000	0.00000	0.02339	1
		3960	24.13760	20.18800	85.00000	0.00000	0.00000	0.02922	1
		3961	24.89190	20.18800	85.00000	0.00000	0.00000	0.03572	1
		3962	25.64620	20.18800	85.00000	0.00000	0.00000	0.04290	1
		3963	26.40050	20.18800	85.00000	0.00000	0.00000	0.05075	1
		3964	27.15480	20.18800	85.00000	0.00000	0.00000	0.05925	1
		3965	27.90910	20.18800	85.00000	0.00000	0.00000	0.06834	1
		3966	28.66340	20.18800	85.00000	0.00000	0.00000	0.07794	1
		3967	29.41770	20.18800	85.00000	0.00000	0.00000	0.08795	1
		3968	30.17200	20.18800	85.00000	0.00000	0.00000	0.09823	1
		3969	30.92630	20.18800	85.00000	0.00000	0.00000	0.10860	1
		3970	31.68060	20.18800	85.00000	0.00000	0.00000	0.11889	1
		3971	32.43490	20.18800	85.00000	0.00000	0.00000	0.12889	1
		3972	33.18920	20.18800	85.00000	0.00000	0.00000	0.13838	1
		3973	33.94350	20.18800	85.00000	0.00000	0.00000	0.14716	1
		3974	34.69780	20.18800	85.00000	0.00000	0.00000	0.15504	1
		3975	35.45210	20.18800	85.00000	0.00000	0.00000	0.16183	1
		3976	36.20640	20.18800	85.00000	0.00000	0.00000	0.16737	1
		3977	36.96070	20.18800	85.00000	0.00000	0.00000	0.17154	1
		3978	37.71500	20.18800	85.00000	0.00000	0.00000	0.17423	1
		3979	38.46930	20.18800	85.00000	0.00000	0.00000	0.17538	1
		3980	39.22360	20.18800	85.00000	0.00000	0.00000	0.17495	1
		3981	39.97790	20.18800	85.00000	0.00000	0.00000	0.17293	1
		3982	40.73220	20.18800	85.00000	0.00000	0.00000	0.16937	1
		3983	41.48650	20.18800	85.00000	0.00000	0.00000	0.16432	1
		3984	42.24080	20.18800	85.00000	0.00000	0.00000	0.15790	1
		3985	42.99510	20.18800	85.00000	0.00000	0.00000	0.15025	1
		3986	43.74940	20.18800	85.00000	0.00000	0.00000	0.14155	1
		3987	44.50370	20.18800	85.00000	0.00000	0.00000	0.13201	1
		3988	45.25800	20.18800	85.00000	0.00000	0.00000	0.12186	1
		3989	46.01230	20.18800					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		4023	71.65850	20.18800	85.00000	0.00000	0.00000	-0.00994	1
		4024	72.41280	20.18800	85.00000	0.00000	0.00000	-0.00976	1
		4025	73.16710	20.18800	85.00000	0.00000	0.00000	-0.00956	1
		4026	73.92140	20.18800	85.00000	0.00000	0.00000	-0.00936	1
		4027	74.67570	20.18800	85.00000	0.00000	0.00000	-0.00914	1
		4028	75.43000	20.18800	85.00000	0.00000	0.00000	-0.00891	1
		4029	0.00000	20.90900	85.00000	0.00000	0.00000	-0.00870	1
		4030	0.75430	20.90900	85.00000	0.00000	0.00000	-0.00893	1
		4031	1.50860	20.90900	85.00000	0.00000	0.00000	-0.00916	1
		4032	2.26290	20.90900	85.00000	0.00000	0.00000	-0.00939	1
		4033	3.01720	20.90900	85.00000	0.00000	0.00000	-0.00960	1
		4034	3.77150	20.90900	85.00000	0.00000	0.00000	-0.00981	1
		4035	4.52580	20.90900	85.00000	0.00000	0.00000	-0.01000	1
		4036	5.28010	20.90900	85.00000	0.00000	0.00000	-0.01017	1
		4037	6.03440	20.90900	85.00000	0.00000	0.00000	-0.01032	1
		4038	6.78870	20.90900	85.00000	0.00000	0.00000	-0.01044	1
		4039	7.54300	20.90900	85.00000	0.00000	0.00000	-0.01052	1
		4040	8.29730	20.90900	85.00000	0.00000	0.00000	-0.01056	1
		4041	9.05160	20.90900	85.00000	0.00000	0.00000	-0.01055	1
		4042	9.80590	20.90900	85.00000	0.00000	0.00000	-0.01047	1
		4043	10.56020	20.90900	85.00000	0.00000	0.00000	-0.01031	1
		4044	11.31450	20.90900	85.00000	0.00000	0.00000	-0.01006	1
		4045	12.06880	20.90900	85.00000	0.00000	0.00000	-0.00971	1
		4046	12.82310	20.90900	85.00000	0.00000	0.00000	-0.00923	1
		4047	13.57740	20.90900	85.00000	0.00000	0.00000	-0.00860	1
		4048	14.33170	20.90900	85.00000	0.00000	0.00000	-0.00779	1
		4049	15.08600	20.90900	85.00000	0.00000	0.00000	-0.00678	1
		4050	15.84030	20.90900	85.00000	0.00000	0.00000	-0.00554	1
		4051	16.59460	20.90900	85.00000	0.00000	0.00000	-0.00402	1
		4052	17.34890	20.90900	85.00000	0.00000	0.00000	-0.00220	1
		4053	18.10320	20.90900	85.00000	0.00000	0.00000	-0.00002	1
		4054	18.85750	20.90900	85.00000	0.00000	0.00000	0.00257	1
		4055	19.61180	20.90900	85.00000	0.00000	0.00000	0.00562	1
		4056	20.36610	20.90900	85.00000	0.00000	0.00000	0.00918	1
		4057	21.12040	20.90900	85.00000	0.00000	0.00000	0.01332	1
		4058	21.87470	20.90900	85.00000	0.00000	0.00000	0.01809	1
		4059	22.62900	20.90900	85.00000	0.00000	0.00000	0.02356	1
		4060	23.38330	20.90900	85.00000	0.00000	0.00000	0.02978	1
		4061	24.13760	20.90900	85.00000	0.00000	0.00000	0.03680	1
		4062	24.89190	20.90900	85.00000	0.00000	0.00000	0.04466	1
		4063	25.64620	20.90900	85.00000	0.00000	0.00000	0.05339	1
		4064	26.40050	20.90900	85.00000	0.00000	0.00000	0.06298	1
		4065	27.15480	20.90900	85.00000	0.00000	0.00000	0.07343	1
		4066	27.90910	20.90900	85.00000	0.00000	0.00000	0.08465	1
		4067	28.66340	20.90900	85.00000	0.00000	0.00000	0.09658	1
		4068	29.41770	20.90900	85.00000	0.00000	0.00000	0.10906	1
		4069	30.17200	20.90900	85.00000	0.00000	0.00000	0.12193	1
		4070	30.92630	20.90900	85.00000	0.00000	0.00000	0.13497	1
		4071	31.68060	20.90900	85.00000	0.00000	0.00000	0.14794	1
		4072	32.43490	20.90900	85.00000	0.00000	0.00000	0.16058	1
		4073	33.18920	20.90900	85.00000	0.00000	0.00000	0.17261	1
		4074	33.94350	20.90900	85.00000	0.00000	0.00000	0.18375	1
		4075	34.69780	20.90900	85.00000	0.00000	0.00000	0.19375	1
		4076	35.45210	20.90900	85.00000	0.00000	0.00000	0.20237	1
		4077	36.20640	20.90900	85.00000	0.00000	0.00000	0.20942	1
		4078	36.96070	20.90900	85.00000	0.00000	0.00000	0.21473	1
		4079	37.71500	20.90900	85.00000	0.00000	0.00000	0.21817	1
		4080	38.46930	20.90900	85.00000	0.00000	0.00000	0.21966	1
		4081	39.22360	20.90900	85.00000	0.00000	0.00000	0.21914	1
		4082	39.97790	20.90900	85.00000	0.00000	0.00000	0.21661	1
		4083	40.73220	20.90900	85.00000	0.00000	0.00000	0.21210	1
		4084	41.48650	20.90900	85.00000	0.00000	0.00000	0.20570	1
		4085	42.24080	20.90900	85.00000	0.00000	0.00000	0.19755	1
		4086	42.99510	20.90900	85.00000	0.00000	0.00000	0.18783	1
		4087	43.74940	20.90900	85.00000	0.00000	0.00000	0.17677	1
		4088	44.50370	20.90900	85.00000	0.00000	0.00000	0.16465	1
		4089	45.25800	20.90900	85.00000	0.00000	0.00000	0.15178	1
		4090	46.01230	20.90900	85.00000	0.00000	0.00000	0.13845	1
		4091	46.76660	20.90900	85.00000	0.00000	0.00000	0.12498	1
		4092	47.52090	20.90900	85.00000	0.00000	0.00000	0.11166	1
		4093	48.27520	20.90900	85.00000	0.00000	0.00000	0.09871	1
		4094	49.02950	20.90900	85.00000	0.00000	0.00000	0.08635	1
		4095	49.78380	20.90900	85.00000	0.00000	0.00000	0.07473	1
		4096	50.53810	20.90900	85.00000	0.00000	0.00000	0.06394	1
		4097	51.29240	20.90900	85.00000	0.00000	0.00000	0.05405	1
		4098	52.04670	20.90900	85.00000	0.00000	0.00000	0.04508	1
		4099	52.80100	20.90900	85.00000	0.00000	0.00000	0.03703	1
		4100	53.55530	20.90900	85.00000	0.00000	0.00000	0.02987	1
		4101	54.30960	20.90900	85.00000	0.00000	0.00000	0.02355	1
		4102	55.06390	20.90900	85.00000	0.00000	0.00000	0.01801	1
		4103	55.81820	20.90900	85.00000	0.00000	0.00000	0.01319	1
		4104	56.57250	20.90900	85.00000	0.00000	0.00000	0.00903	1
		4105	57.32680	20.90900	85.00000	0.00000	0.00000	0.00547	1
		4106	58.08110	20.90900	85.00000	0.00000	0.00000	0.00242	1
		4107	58.83540	20.90900	85.00000	0.00000	0.00000	-0.00015	1
		4108	59.58970	20.90900	85.00000	0.00000	0.00000	-0.00231	1
		4109	60.34400	20.90900	85.00000	0.00000	0.00000	-0.00412	1
		4110	61.09830	20.90900	85.00000	0.00000	0.00000	-0.00560	1
		4111	61.85260	20.90900	85.00000	0.00000	0.00000	-0.00682	1
		4112	62.60690	20.90900	85.00000	0.00000	0.00000	-0.00780	1
		4113	63.36120	20.90900	85.00000	0.00000	0.00000	-0.00859	1
		4114	64.11550	20.90900	85.00000	0.00000	0.00000	-0.00919	1
		4115	64.86980	20.90900	85.00000	0.00000	0.00000	-0.00966	1
		4116	65.62410	20.90900	85.00000	0.00000	0.00000	-0.00999	1
		4117	66.37840	20.90900	85.00000	0.00000	0.00000	-0.01022	1
		4118	67.13270	20.90900	85.00000	0.00000	0.00000	-0.010306	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		4153	17.34890	21.63000	85.00000	0.00000	0.00000	-0.00068	1
		4154	18.10320	21.63000	85.00000	0.00000	0.00000	0.00186	1
		4155	18.85750	21.63000	85.00000	0.00000	0.00000	0.00489	1
		4156	19.61180	21.63000	85.00000	0.00000	0.00000	0.00845	1
		4157	20.36610	21.63000	85.00000	0.00000	0.00000	0.01263	1
		4158	21.12040	21.63000	85.00000	0.00000	0.00000	0.01751	1
		4159	21.87470	21.63000	85.00000	0.00000	0.00000	0.02315	1
		4160	22.62900	21.63000	85.00000	0.00000	0.00000	0.02965	1
		4161	23.38330	21.63000	85.00000	0.00000	0.00000	0.03707	1
		4162	24.13760	21.63000	85.00000	0.00000	0.00000	0.04550	1
		4163	24.89190	21.63000	85.00000	0.00000	0.00000	0.05499	1
		4164	25.64620	21.63000	85.00000	0.00000	0.00000	0.06558	1
		4165	26.40050	21.63000	85.00000	0.00000	0.00000	0.07729	1
		4166	27.15480	21.63000	85.00000	0.00000	0.00000	0.09011	1
		4167	27.90910	21.63000	85.00000	0.00000	0.00000	0.10397	1
		4168	28.66340	21.63000	85.00000	0.00000	0.00000	0.11877	1
		4169	29.41770	21.63000	85.00000	0.00000	0.00000	0.13435	1
		4170	30.17200	21.63000	85.00000	0.00000	0.00000	0.15049	1
		4171	30.92630	21.63000	85.00000	0.00000	0.00000	0.16691	1
		4172	31.68060	21.63000	85.00000	0.00000	0.00000	0.18330	1
		4173	32.43490	21.63000	85.00000	0.00000	0.00000	0.19931	1
		4174	33.18920	21.63000	85.00000	0.00000	0.00000	0.21458	1
		4175	33.94350	21.63000	85.00000	0.00000	0.00000	0.22874	1
		4176	34.69780	21.63000	85.00000	0.00000	0.00000	0.24145	1
		4177	35.45210	21.63000	85.00000	0.00000	0.00000	0.25243	1
		4178	36.20640	21.63000	85.00000	0.00000	0.00000	0.26140	1
		4179	36.96070	21.63000	85.00000	0.00000	0.00000	0.26817	1
		4180	37.71500	21.63000	85.00000	0.00000	0.00000	0.27258	1
		4181	38.46930	21.63000	85.00000	0.00000	0.00000	0.27450	1
		4182	39.22360	21.63000	85.00000	0.00000	0.00000	0.27389	1
		4183	39.97790	21.63000	85.00000	0.00000	0.00000	0.27072	1
		4184	40.73220	21.63000	85.00000	0.00000	0.00000	0.26503	1
		4185	41.48650	21.63000	85.00000	0.00000	0.00000	0.25692	1
		4186	42.24080	21.63000	85.00000	0.00000	0.00000	0.24656	1
		4187	42.99510	21.63000	85.00000	0.00000	0.00000	0.23418	1
		4188	43.74940	21.63000	85.00000	0.00000	0.00000	0.22008	1
		4189	44.50370	21.63000	85.00000	0.00000	0.00000	0.20464	1
		4190	45.25800	21.63000	85.00000	0.00000	0.00000	0.18826	1
		4191	46.01230	21.63000	85.00000	0.00000	0.00000	0.17135	1
		4192	46.76660	21.63000	85.00000	0.00000	0.00000	0.15432	1
		4193	47.52090	21.63000	85.00000	0.00000	0.00000	0.13754	1
		4194	48.27520	21.63000	85.00000	0.00000	0.00000	0.12134	1
		4195	49.02950	21.63000	85.00000	0.00000	0.00000	0.10595	1
		4196	49.78380	21.63000	85.00000	0.00000	0.00000	0.09157	1
		4197	50.53810	21.63000	85.00000	0.00000	0.00000	0.07831	1
		4198	51.29240	21.63000	85.00000	0.00000	0.00000	0.06624	1
		4199	52.04670	21.63000	85.00000	0.00000	0.00000	0.05536	1
		4200	52.80100	21.63000	85.00000	0.00000	0.00000	0.04565	1
		4201	53.55530	21.63000	85.00000	0.00000	0.00000	0.03706	1
		4202	54.30960	21.63000	85.00000	0.00000	0.00000	0.02952	1
		4203	55.06390	21.63000	85.00000	0.00000	0.00000	0.02295	1
		4204	55.81820	21.63000	85.00000	0.00000	0.00000	0.01726	1
		4205	56.57250	21.63000	85.00000	0.00000	0.00000	0.01237	1
		4206	57.32680	21.63000	85.00000	0.00000	0.00000	0.00819	1
		4207	58.08110	21.63000	85.00000	0.00000	0.00000	0.00464	1
		4208	58.83540	21.63000	85.00000	0.00000	0.00000	0.00164	1
		4209	59.58970	21.63000	85.00000	0.00000	0.00000	-0.00087	1
		4210	60.34400	21.63000	85.00000	0.00000	0.00000	-0.00296	1
		4211	61.09830	21.63000	85.00000	0.00000	0.00000	-0.00469	1
		4212	61.85260	21.63000	85.00000	0.00000	0.00000	-0.00610	1
		4213	62.60690	21.63000	85.00000	0.00000	0.00000	-0.00725	1
		4214	63.36120	21.63000	85.00000	0.00000	0.00000	-0.00816	1
		4215	64.11550	21.63000	85.00000	0.00000	0.00000	-0.00888	1
		4216	64.86980	21.63000	85.00000	0.00000	0.00000	-0.00942	1
		4217	65.62410	21.63000	85.00000	0.00000	0.00000	-0.00983	1
		4218	66.37840	21.63000	85.00000	0.00000	0.00000	-0.01012	1
		4219	67.13270	21.63000	85.00000	0.00000	0.00000	-0.01030	1
		4220	67.88700	21.63000	85.00000	0.00000	0.00000	-0.01041	1
		4221	68.64130	21.63000	85.00000	0.00000	0.00000	-0.01044	1
		4222	69.39560	21.63000	85.00000	0.00000	0.00000	-0.01042	1
		4223	70.14990	21.63000	85.00000	0.00000	0.00000	-0.01034	1
		4224	70.90420	21.63000	85.00000	0.00000	0.00000	-0.01023	1
		4225	71.65850	21.63000	85.00000	0.00000	0.00000	-0.01009	1
		4226	72.41280	21.63000	85.00000	0.00000	0.00000	-0.00992	1
		4227	73.16710	21.63000	85.00000	0.00000	0.00000	-0.00973	1
		4228	73.92140	21.63000	85.00000	0.00000	0.00000	-0.00953	1
		4229	74.67570	21.63000	85.00000	0.00000	0.00000	-0.00931	1
		4230	75.43000	21.63000	85.00000	0.00000	0.00000	-0.00909	1
		4231	0.00000	22.35100	85.00000	0.00000	0.00000	-0.00887	1
		4232	0.75430	22.35100	85.00000	0.00000	0.00000	-0.00911	1
		4233	1.50860	22.35100	85.00000	0.00000	0.00000	-0.00934	1
		4234	2.26290	22.35100	85.00000	0.00000	0.00000	-0.00956	1
		4235	3.01720	22.35100	85.00000	0.00000	0.00000	-0.00977	1
		4236	3.77150	22.35100	85.00000	0.00000	0.00000	-0.00997	1
		4237	4.52580	22.35100	85.00000	0.00000	0.00000	-0.01014	1
		4238	5.28010	22.35100	85.00000	0.00000	0.00000	-0.01030	1
		4239	6.03440	22.35100	85.00000	0.00000	0.00000	-0.01043	1
		4240	6.78870	22.35100	85.00000	0.00000	0.00000	-0.01051	1
		4241	7.54300	22.35100	85.00000	0.00000	0.00000	-0.01056	1
		4242	8.29730	22.35100	85.00000	0.00000	0.00000	-0.01054	1
		4243	9.05160	22.35100	85.00000	0.00000	0.00000	-0.01046	1
		4244	9.80590	22.35100	85.00000	0.00000	0.00000	-0.01030	1
		4245	10.56020	22.35100	85.00000	0.00000	0.00000	-0.01005	1
		4246	11.31450	22.35100	85.00000	0.00000	0.00000	-0.00967	1
		4247	12.06880	22.35100	85.00000	0.00000	0.00000	-0.00916	1
		4248	12.82310	22.35100	85.00000	0.00000	0.00000	-0.00844	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		4283	39.22360	22.35100	85.00000	0.00000	0.00000	0.34188	1
		4284	39.97790	22.35100	85.00000	0.00000	0.00000	0.33791	1
		4285	40.73220	22.35100	85.00000	0.00000	0.00000	0.33074	1
		4286	41.48650	22.35100	85.00000	0.00000	0.00000	0.32046	1
		4287	42.24080	22.35100	85.00000	0.00000	0.00000	0.30727	1
		4288	42.99510	22.35100	85.00000	0.00000	0.00000	0.29147	1
		4289	43.74940	22.35100	85.00000	0.00000	0.00000	0.27346	1
		4290	44.50370	22.35100	85.00000	0.00000	0.00000	0.25372	1
		4291	45.25800	22.35100	85.00000	0.00000	0.00000	0.23280	1
		4292	46.01230	22.35100	85.00000	0.00000	0.00000	0.21127	1
		4293	46.76660	22.35100	85.00000	0.00000	0.00000	0.18969	1
		4294	47.52090	22.35100	85.00000	0.00000	0.00000	0.16853	1
		4295	48.27520	22.35100	85.00000	0.00000	0.00000	0.14822	1
		4296	49.02950	22.35100	85.00000	0.00000	0.00000	0.12906	1
		4297	49.78380	22.35100	85.00000	0.00000	0.00000	0.11128	1
		4298	50.53810	22.35100	85.00000	0.00000	0.00000	0.09501	1
		4299	51.29240	22.35100	85.00000	0.00000	0.00000	0.08029	1
		4300	52.04670	22.35100	85.00000	0.00000	0.00000	0.06712	1
		4301	52.80100	22.35100	85.00000	0.00000	0.00000	0.05545	1
		4302	53.55530	22.35100	85.00000	0.00000	0.00000	0.04519	1
		4303	54.30960	22.35100	85.00000	0.00000	0.00000	0.03624	1
		4304	55.06390	22.35100	85.00000	0.00000	0.00000	0.02848	1
		4305	55.81820	22.35100	85.00000	0.00000	0.00000	0.02180	1
		4306	56.57250	22.35100	85.00000	0.00000	0.00000	0.01608	1
		4307	57.32680	22.35100	85.00000	0.00000	0.00000	0.01121	1
		4308	58.08110	22.35100	85.00000	0.00000	0.00000	0.00709	1
		4309	58.83540	22.35100	85.00000	0.00000	0.00000	0.00362	1
		4310	59.58970	22.35100	85.00000	0.00000	0.00000	0.00071	1
		4311	60.34400	22.35100	85.00000	0.00000	0.00000	-0.00170	1
		4312	61.09830	22.35100	85.00000	0.00000	0.00000	-0.00369	1
		4313	61.85260	22.35100	85.00000	0.00000	0.00000	-0.00531	1
		4314	62.60690	22.35100	85.00000	0.00000	0.00000	-0.00663	1
		4315	63.36120	22.35100	85.00000	0.00000	0.00000	-0.00769	1
		4316	64.11550	22.35100	85.00000	0.00000	0.00000	-0.00852	1
		4317	64.86980	22.35100	85.00000	0.00000	0.00000	-0.00916	1
		4318	65.62410	22.35100	85.00000	0.00000	0.00000	-0.00965	1
		4319	66.37840	22.35100	85.00000	0.00000	0.00000	-0.00999	1
		4320	67.13270	22.35100	85.00000	0.00000	0.00000	-0.01023	1
		4321	67.88700	22.35100	85.00000	0.00000	0.00000	-0.01037	1
		4322	68.64130	22.35100	85.00000	0.00000	0.00000	-0.01044	1
		4323	69.39560	22.35100	85.00000	0.00000	0.00000	-0.01043	1
		4324	70.14990	22.35100	85.00000	0.00000	0.00000	-0.01038	1
		4325	70.90420	22.35100	85.00000	0.00000	0.00000	-0.01028	1
		4326	71.65850	22.35100	85.00000	0.00000	0.00000	-0.01015	1
		4327	72.41280	22.35100	85.00000	0.00000	0.00000	-0.00999	1
		4328	73.16710	22.35100	85.00000	0.00000	0.00000	-0.00981	1
		4329	73.92140	22.35100	85.00000	0.00000	0.00000	-0.00961	1
		4330	74.67570	22.35100	85.00000	0.00000	0.00000	-0.00940	1
		4331	75.43000	22.35100	85.00000	0.00000	0.00000	-0.00917	1
		4332	0.00000	23.07200	85.00000	0.00000	0.00000	-0.00895	1
		4333	0.75430	23.07200	85.00000	0.00000	0.00000	-0.00919	1
		4334	1.50860	23.07200	85.00000	0.00000	0.00000	-0.00942	1
		4335	2.26290	23.07200	85.00000	0.00000	0.00000	-0.00964	1
		4336	3.01720	23.07200	85.00000	0.00000	0.00000	-0.00984	1
		4337	3.77150	23.07200	85.00000	0.00000	0.00000	-0.01004	1
		4338	4.52580	23.07200	85.00000	0.00000	0.00000	-0.01021	1
		4339	5.28010	23.07200	85.00000	0.00000	0.00000	-0.01035	1
		4340	6.03440	23.07200	85.00000	0.00000	0.00000	-0.01046	1
		4341	6.78870	23.07200	85.00000	0.00000	0.00000	-0.01054	1
		4342	7.54300	23.07200	85.00000	0.00000	0.00000	-0.01056	1
		4343	8.29730	23.07200	85.00000	0.00000	0.00000	-0.01052	1
		4344	9.05160	23.07200	85.00000	0.00000	0.00000	-0.01040	1
		4345	9.80590	23.07200	85.00000	0.00000	0.00000	-0.01019	1
		4346	10.56020	23.07200	85.00000	0.00000	0.00000	-0.00988	1
		4347	11.31450	23.07200	85.00000	0.00000	0.00000	-0.00944	1
		4348	12.06880	23.07200	85.00000	0.00000	0.00000	-0.00884	1
		4349	12.82310	23.07200	85.00000	0.00000	0.00000	-0.00806	1
		4350	13.57740	23.07200	85.00000	0.00000	0.00000	-0.00706	1
		4351	14.33170	23.07200	85.00000	0.00000	0.00000	-0.00580	1
		4352	15.08600	23.07200	85.00000	0.00000	0.00000	-0.00424	1
		4353	15.84030	23.07200	85.00000	0.00000	0.00000	-0.00232	1
		4354	16.59460	23.07200	85.00000	0.00000	0.00000	-0.00001	1
		4355	17.34890	23.07200	85.00000	0.00000	0.00000	0.00283	1
		4356	18.10320	23.07200	85.00000	0.00000	0.00000	0.00622	1
		4357	18.85750	23.07200	85.00000	0.00000	0.00000	0.01026	1
		4358	19.61180	23.07200	85.00000	0.00000	0.00000	0.01506	1
		4359	20.36610	23.07200	85.00000	0.00000	0.00000	0.02074	1
		4360	21.12040	23.07200	85.00000	0.00000	0.00000	0.02740	1
		4361	21.87470	23.07200	85.00000	0.00000	0.00000	0.03519	1
		4362	22.62900	23.07200	85.00000	0.00000	0.00000	0.04425	1
		4363	23.38330	23.07200	85.00000	0.00000	0.00000	0.05471	1
		4364	24.13760	23.07200	85.00000	0.00000	0.00000	0.06672	1
		4365	24.89190	23.07200	85.00000	0.00000	0.00000	0.08042	1
		4366	25.64620	23.07200	85.00000	0.00000	0.00000	0.09591	1
		4367	26.40050	23.07200	85.00000	0.00000	0.00000	0.11326	1
		4368	27.15480	23.07200	85.00000	0.00000	0.00000	0.13251	1
		4369	27.90910	23.07200	85.00000	0.00000	0.00000	0.15362	1
		4370	28.66340	23.07200	85.00000	0.00000	0.00000	0.17645	1
		4371	29.41770	23.07200	85.00000	0.00000	0.00000	0.20079	1
		4372	30.17200	23.07200	85.00000	0.00000	0.00000	0.22629	1
		4373	30.92630	23.07200	85.00000	0.00000	0.00000	0.25250	1
		4374	31.68060	23.07200	85.00000	0.00000	0.00000	0.27888	1
		4375	32.43490	23.07200	85.00000	0.00000	0.00000	0.30480	1
		4376	33.18920	23.07200	85.00000	0.00000	0.00000	0.32960	1
		4377	33.94350	23.07200	85.00000	0.00000	0.00000	0.35264	1
		4378	34.69780	23.07200	85.00000	0.00000	0.00000	0.37333	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		4413	61.09830	23.07200	85.00000	0.00000	0.00000	-0.00260	1
		4414	61.85260	23.07200	85.00000	0.00000	0.00000	-0.00446	1
		4415	62.60690	23.07200	85.00000	0.00000	0.00000	-0.00597	1
		4416	63.36120	23.07200	85.00000	0.00000	0.00000	-0.00717	1
		4417	64.11550	23.07200	85.00000	0.00000	0.00000	-0.00813	1
		4418	64.86980	23.07200	85.00000	0.00000	0.00000	-0.00887	1
		4419	65.62410	23.07200	85.00000	0.00000	0.00000	-0.00944	1
		4420	66.37840	23.07200	85.00000	0.00000	0.00000	-0.00985	1
		4421	67.13270	23.07200	85.00000	0.00000	0.00000	-0.01014	1
		4422	67.88700	23.07200	85.00000	0.00000	0.00000	-0.01032	1
		4423	68.64130	23.07200	85.00000	0.00000	0.00000	-0.01042	1
		4424	69.39560	23.07200	85.00000	0.00000	0.00000	-0.01044	1
		4425	70.14990	23.07200	85.00000	0.00000	0.00000	-0.01041	1
		4426	70.90420	23.07200	85.00000	0.00000	0.00000	-0.01033	1
		4427	71.65850	23.07200	85.00000	0.00000	0.00000	-0.01021	1
		4428	72.41280	23.07200	85.00000	0.00000	0.00000	-0.01005	1
		4429	73.16710	23.07200	85.00000	0.00000	0.00000	-0.00988	1
		4430	73.92140	23.07200	85.00000	0.00000	0.00000	-0.00968	1
		4431	74.67570	23.07200	85.00000	0.00000	0.00000	-0.00947	1
		4432	75.43000	23.07200	85.00000	0.00000	0.00000	-0.00925	1
		4433	0.00000	23.79300	85.00000	0.00000	0.00000	-0.00903	1
		4434	0.75430	23.79300	85.00000	0.00000	0.00000	-0.00926	1
		4435	1.50860	23.79300	85.00000	0.00000	0.00000	-0.00949	1
		4436	2.26290	23.79300	85.00000	0.00000	0.00000	-0.00971	1
		4437	3.01720	23.79300	85.00000	0.00000	0.00000	-0.00991	1
		4438	3.77150	23.79300	85.00000	0.00000	0.00000	-0.01010	1
		4439	4.52580	23.79300	85.00000	0.00000	0.00000	-0.01026	1
		4440	5.28010	23.79300	85.00000	0.00000	0.00000	-0.01040	1
		4441	6.03440	23.79300	85.00000	0.00000	0.00000	-0.01050	1
		4442	6.78870	23.79300	85.00000	0.00000	0.00000	-0.01055	1
		4443	7.54300	23.79300	85.00000	0.00000	0.00000	-0.01055	1
		4444	8.29730	23.79300	85.00000	0.00000	0.00000	-0.01048	1
		4445	9.05160	23.79300	85.00000	0.00000	0.00000	-0.01032	1
		4446	9.80590	23.79300	85.00000	0.00000	0.00000	-0.01007	1
		4447	10.56020	23.79300	85.00000	0.00000	0.00000	-0.00969	1
		4448	11.31450	23.79300	85.00000	0.00000	0.00000	-0.00918	1
		4449	12.06880	23.79300	85.00000	0.00000	0.00000	-0.00848	1
		4450	12.82310	23.79300	85.00000	0.00000	0.00000	-0.00759	1
		4451	13.57740	23.79300	85.00000	0.00000	0.00000	-0.00645	1
		4452	14.33170	23.79300	85.00000	0.00000	0.00000	-0.00501	1
		4453	15.08600	23.79300	85.00000	0.00000	0.00000	-0.00324	1
		4454	15.84030	23.79300	85.00000	0.00000	0.00000	-0.00106	1
		4455	16.59460	23.79300	85.00000	0.00000	0.00000	0.00160	1
		4456	17.34890	23.79300	85.00000	0.00000	0.00000	0.00482	1
		4457	18.10320	23.79300	85.00000	0.00000	0.00000	0.00869	1
		4458	18.85750	23.79300	85.00000	0.00000	0.00000	0.01333	1
		4459	19.61180	23.79300	85.00000	0.00000	0.00000	0.01885	1
		4460	20.36610	23.79300	85.00000	0.00000	0.00000	0.02541	1
		4461	21.12040	23.79300	85.00000	0.00000	0.00000	0.03314	1
		4462	21.87470	23.79300	85.00000	0.00000	0.00000	0.04223	1
		4463	22.62900	23.79300	85.00000	0.00000	0.00000	0.05284	1
		4464	23.38330	23.79300	85.00000	0.00000	0.00000	0.06519	1
		4465	24.13760	23.79300	85.00000	0.00000	0.00000	0.07945	1
		4466	24.89190	23.79300	85.00000	0.00000	0.00000	0.09582	1
		4467	25.64620	23.79300	85.00000	0.00000	0.00000	0.11447	1
		4468	26.40050	23.79300	85.00000	0.00000	0.00000	0.13553	1
		4469	27.15480	23.79300	85.00000	0.00000	0.00000	0.15908	1
		4470	27.90910	23.79300	85.00000	0.00000	0.00000	0.18510	1
		4471	28.66340	23.79300	85.00000	0.00000	0.00000	0.21348	1
		4472	29.41770	23.79300	85.00000	0.00000	0.00000	0.24396	1
		4473	30.17200	23.79300	85.00000	0.00000	0.00000	0.27612	1
		4474	30.92630	23.79300	85.00000	0.00000	0.00000	0.30938	1
		4475	31.68060	23.79300	85.00000	0.00000	0.00000	0.34302	1
		4476	32.43490	23.79300	85.00000	0.00000	0.00000	0.37619	1
		4477	33.18920	23.79300	85.00000	0.00000	0.00000	0.40799	1
		4478	33.94350	23.79300	85.00000	0.00000	0.00000	0.43753	1
		4479	34.69780	23.79300	85.00000	0.00000	0.00000	0.46405	1
		4480	35.45210	23.79300	85.00000	0.00000	0.00000	0.48688	1
		4481	36.20640	23.79300	85.00000	0.00000	0.00000	0.50554	1
		4482	36.96070	23.79300	85.00000	0.00000	0.00000	0.51965	1
		4483	37.71500	23.79300	85.00000	0.00000	0.00000	0.52994	1
		4484	38.46930	23.79300	85.00000	0.00000	0.00000	0.53322	1
		4485	39.22360	23.79300	85.00000	0.00000	0.00000	0.53236	1
		4486	39.97790	23.79300	85.00000	0.00000	0.00000	0.52627	1
		4487	40.73220	23.79300	85.00000	0.00000	0.00000	0.51492	1
		4488	41.48650	23.79300	85.00000	0.00000	0.00000	0.49840	1
		4489	42.24080	23.79300	85.00000	0.00000	0.00000	0.47695	1
		4490	42.99510	23.79300	85.00000	0.00000	0.00000	0.45101	1
		4491	43.74940	23.79300	85.00000	0.00000	0.00000	0.42126	1
		4492	44.50370	23.79300	85.00000	0.00000	0.00000	0.38858	1
		4493	45.25800	23.79300	85.00000	0.00000	0.00000	0.35403	1
		4494	46.01230	23.79300	85.00000	0.00000	0.00000	0.31869	1
		4495	46.76660	23.79300	85.00000	0.00000	0.00000	0.28363	1
		4496	47.52090	23.79300	85.00000	0.00000	0.00000	0.24973	1
		4497	48.27520	23.79300	85.00000	0.00000	0.00000	0.21768	1
		4498	49.02950	23.79300	85.00000	0.00000	0.00000	0.18797	1
		4499	49.78380	23.79300	85.00000	0.00000	0.00000	0.16085	1
		4500	50.53810	23.79300	85.00000	0.00000	0.00000	0.13646	1
		4501	51.29240	23.79300	85.00000	0.00000	0.00000	0.11476	1
		4502	52.04670	23.79300	85.00000	0.00000	0.00000	0.09565	1
		4503	52.80100	23.79300	85.00000	0.00000	0.00000	0.07896	1
		4504	53.55530	23.79300	85.00000	0.00000	0.00000	0.06450	1
		4505	54.30960	23.79300	85.00000	0.00000	0.00000	0.05204	1
		4506	55.06390	23.79300	85.00000	0.00000	0.00000	0.04137	1
		4507	55.81820	23.79300	85.00000	0.00000	0.00000	0.03229	1
		4508	56.57250	23.79300	85.00000	0.00000	0.00000	0.02459	1
		4509	57.32680	23.79300					



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		4543	6.78870	24.51400	85.00000	0.00000	0.00000	-0.01055	1
		4544	7.54300	24.51400	85.00000	0.00000	0.00000	-0.01053	1
		4545	8.29730	24.51400	85.00000	0.00000	0.00000	-0.01042	1
		4546	9.05160	24.51400	85.00000	0.00000	0.00000	-0.01023	1
		4547	9.80590	24.51400	85.00000	0.00000	0.00000	-0.00993	1
		4548	10.56020	24.51400	85.00000	0.00000	0.00000	-0.00949	1
		4549	11.31450	24.51400	85.00000	0.00000	0.00000	-0.00889	1
		4550	12.06880	24.51400	85.00000	0.00000	0.00000	-0.00810	1
		4551	12.82310	24.51400	85.00000	0.00000	0.00000	-0.00709	1
		4552	13.57740	24.51400	85.00000	0.00000	0.00000	-0.00579	1
		4553	14.33170	24.51400	85.00000	0.00000	0.00000	-0.00418	1
		4554	15.08600	24.51400	85.00000	0.00000	0.00000	-0.00217	1
		4555	15.84030	24.51400	85.00000	0.00000	0.00000	0.00029	1
		4556	16.59460	24.51400	85.00000	0.00000	0.00000	0.00330	1
		4557	17.34890	24.51400	85.00000	0.00000	0.00000	0.00695	1
		4558	18.10320	24.51400	85.00000	0.00000	0.00000	0.01135	1
		4559	18.85750	24.51400	85.00000	0.00000	0.00000	0.01663	1
		4560	19.61180	24.51400	85.00000	0.00000	0.00000	0.02296	1
		4561	20.36610	24.51400	85.00000	0.00000	0.00000	0.03048	1
		4562	21.12040	24.51400	85.00000	0.00000	0.00000	0.03941	1
		4563	21.87470	24.51400	85.00000	0.00000	0.00000	0.04995	1
		4564	22.62900	24.51400	85.00000	0.00000	0.00000	0.06234	1
		4565	23.38330	24.51400	85.00000	0.00000	0.00000	0.07683	1
		4566	24.13760	24.51400	85.00000	0.00000	0.00000	0.09370	1
		4567	24.89190	24.51400	85.00000	0.00000	0.00000	0.11319	1
		4568	25.64620	24.51400	85.00000	0.00000	0.00000	0.13557	1
		4569	26.40050	24.51400	85.00000	0.00000	0.00000	0.16106	1
		4570	27.15480	24.51400	85.00000	0.00000	0.00000	0.18981	1
		4571	27.90910	24.51400	85.00000	0.00000	0.00000	0.22187	1
		4572	28.66340	24.51400	85.00000	0.00000	0.00000	0.25715	1
		4573	29.41770	24.51400	85.00000	0.00000	0.00000	0.29538	1
		4574	30.17200	24.51400	85.00000	0.00000	0.00000	0.33606	1
		4575	30.92630	24.51400	85.00000	0.00000	0.00000	0.37844	1
		4576	31.68060	24.51400	85.00000	0.00000	0.00000	0.42156	1
		4577	32.43490	24.51400	85.00000	0.00000	0.00000	0.46423	1
		4578	33.18920	24.51400	85.00000	0.00000	0.00000	0.50521	1
		4579	33.94350	24.51400	85.00000	0.00000	0.00000	0.54326	1
		4580	34.69780	24.51400	85.00000	0.00000	0.00000	0.57733	1
		4581	35.45210	24.51400	85.00000	0.00000	0.00000	0.60659	1
		4582	36.20640	24.51400	85.00000	0.00000	0.00000	0.63045	1
		4583	36.96070	24.51400	85.00000	0.00000	0.00000	0.64849	1
		4584	37.71500	24.51400	85.00000	0.00000	0.00000	0.66043	1
		4585	38.46930	24.51400	85.00000	0.00000	0.00000	0.66605	1
		4586	39.22360	24.51400	85.00000	0.00000	0.00000	0.66520	1
		4587	39.97790	24.51400	85.00000	0.00000	0.00000	0.65775	1
		4588	40.73220	24.51400	85.00000	0.00000	0.00000	0.64358	1
		4589	41.48650	24.51400	85.00000	0.00000	0.00000	0.62269	1
		4590	42.24080	24.51400	85.00000	0.00000	0.00000	0.59528	1
		4591	42.99510	24.51400	85.00000	0.00000	0.00000	0.56187	1
		4592	43.74940	24.51400	85.00000	0.00000	0.00000	0.52333	1
		4593	44.50370	24.51400	85.00000	0.00000	0.00000	0.48090	1
		4594	45.25800	24.51400	85.00000	0.00000	0.00000	0.43606	1
		4595	46.01230	24.51400	85.00000	0.00000	0.00000	0.39040	1
		4596	46.76660	24.51400	85.00000	0.00000	0.00000	0.34540	1
		4597	47.52090	24.51400	85.00000	0.00000	0.00000	0.30228	1
		4598	48.27520	24.51400	85.00000	0.00000	0.00000	0.26194	1
		4599	49.02950	24.51400	85.00000	0.00000	0.00000	0.22492	1
		4600	49.78380	24.51400	85.00000	0.00000	0.00000	0.19150	1
		4601	50.53810	24.51400	85.00000	0.00000	0.00000	0.16173	1
		4602	51.29240	24.51400	85.00000	0.00000	0.00000	0.13550	1
		4603	52.04670	24.51400	85.00000	0.00000	0.00000	0.11261	1
		4604	52.80100	24.51400	85.00000	0.00000	0.00000	0.09278	1
		4605	53.55530	24.51400	85.00000	0.00000	0.00000	0.07573	1
		4606	54.30960	24.51400	85.00000	0.00000	0.00000	0.06115	1
		4607	55.06390	24.51400	85.00000	0.00000	0.00000	0.04875	1
		4608	55.81820	24.51400	85.00000	0.00000	0.00000	0.03824	1
		4609	56.57250	24.51400	85.00000	0.00000	0.00000	0.02939	1
		4610	57.32680	24.51400	85.00000	0.00000	0.00000	0.02195	1
		4611	58.08110	24.51400	85.00000	0.00000	0.00000	0.01573	1
		4612	58.83540	24.51400	85.00000	0.00000	0.00000	0.01055	1
		4613	59.58970	24.51400	85.00000	0.00000	0.00000	0.00626	1
		4614	60.34400	24.51400	85.00000	0.00000	0.00000	0.00272	1
		4615	61.09830	24.51400	85.00000	0.00000	0.00000	-0.00019	1
		4616	61.85260	24.51400	85.00000	0.00000	0.00000	-0.00257	1
		4617	62.60690	24.51400	85.00000	0.00000	0.00000	-0.00449	1
		4618	63.36120	24.51400	85.00000	0.00000	0.00000	-0.00604	1
		4619	64.11550	24.51400	85.00000	0.00000	0.00000	-0.00726	1
		4620	64.86980	24.51400	85.00000	0.00000	0.00000	-0.00822	1
		4621	65.62410	24.51400	85.00000	0.00000	0.00000	-0.00896	1
		4622	66.37840	24.51400	85.00000	0.00000	0.00000	-0.00952	1
		4623	67.13270	24.51400	85.00000	0.00000	0.00000	-0.00991	1
		4624	67.88700	24.51400	85.00000	0.00000	0.00000	-0.01019	1
		4625	68.64130	24.51400	85.00000	0.00000	0.00000	-0.01035	1
		4626	69.39560	24.51400	85.00000	0.00000	0.00000	-0.01043	1
		4627	70.14990	24.51400	85.00000	0.00000	0.00000	-0.01044	1
		4628	70.90420	24.51400	85.00000	0.00000	0.00000	-0.01039	1
		4629	71.65850	24.51400	85.00000	0.00000	0.00000	-0.01030	1
		4630	72.41280	24.51400	85.00000	0.00000	0.00000	-0.01017	1
		4631	73.16710	24.51400	85.00000	0.00000	0.00000	-0.01000	1
		4632	73.92140	24.51400	85.00000	0.00000	0.00000	-0.00982	1
		4633	74.67570	24.51400	85.00000	0.00000	0.00000	-0.00961	1
		4634	75.43000	24.51400	85.00000	0.00000	0.00000	-0.00940	1
		4635	0.00000	25.23500	85.00000	0.00000	0.00000	-0.00917	1
		4636	0.75430	25.23500	85.00000	0.00000	0.00000	-0.00940	1
		4637	1.50860	25.23500	85.00000	0.00000	0.00000	-0.00963	1
		4638	2.26290	25.23500	85.00000	0.00000	0.00000	-0.00984	1
		4639	3.01720	25.23					



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		4673	28.66340	25.23500	85.00000	0.00000	0.00000	0.30848	1
		4674	29.41770	25.23500	85.00000	0.00000	0.00000	0.35651	1
		4675	30.17200	25.23500	85.00000	0.00000	0.00000	0.40813	1
		4676	30.92630	25.23500	85.00000	0.00000	0.00000	0.46240	1
		4677	31.68060	25.23500	85.00000	0.00000	0.00000	0.51801	1
		4678	32.43490	25.23500	85.00000	0.00000	0.00000	0.57333	1
		4679	33.18920	25.23500	85.00000	0.00000	0.00000	0.62653	1
		4680	33.94350	25.23500	85.00000	0.00000	0.00000	0.67583	1
		4681	34.69780	25.23500	85.00000	0.00000	0.00000	0.71977	1
		4682	35.45210	25.23500	85.00000	0.00000	0.00000	0.75733	1
		4683	36.20640	25.23500	85.00000	0.00000	0.00000	0.78786	1
		4684	36.96070	25.23500	85.00000	0.00000	0.00000	0.81094	1
		4685	37.71500	25.23500	85.00000	0.00000	0.00000	0.82627	1
		4686	38.46930	25.23500	85.00000	0.00000	0.00000	0.83367	1
		4687	39.22360	25.23500	85.00000	0.00000	0.00000	0.83299	1
		4688	39.97790	25.23500	85.00000	0.00000	0.00000	0.82403	1
		4689	40.73220	25.23500	85.00000	0.00000	0.00000	0.80649	1
		4690	41.48650	25.23500	85.00000	0.00000	0.00000	0.78017	1
		4691	42.24080	25.23500	85.00000	0.00000	0.00000	0.74511	1
		4692	42.99510	25.23500	85.00000	0.00000	0.00000	0.70188	1
		4693	43.74940	25.23500	85.00000	0.00000	0.00000	0.65161	1
		4694	44.50370	25.23500	85.00000	0.00000	0.00000	0.59601	1
		4695	45.25800	25.23500	85.00000	0.00000	0.00000	0.53728	1
		4696	46.01230	25.23500	85.00000	0.00000	0.00000	0.47778	1
		4697	46.76660	25.23500	85.00000	0.00000	0.00000	0.41967	1
		4698	47.52090	25.23500	85.00000	0.00000	0.00000	0.36462	1
		4699	48.27520	25.23500	85.00000	0.00000	0.00000	0.31374	1
		4700	49.02950	25.23500	85.00000	0.00000	0.00000	0.26764	1
		4701	49.78380	25.23500	85.00000	0.00000	0.00000	0.22652	1
		4702	50.53810	25.23500	85.00000	0.00000	0.00000	0.19030	1
		4703	51.29240	25.23500	85.00000	0.00000	0.00000	0.15873	1
		4704	52.04670	25.23500	85.00000	0.00000	0.00000	0.13144	1
		4705	52.80100	25.23500	85.00000	0.00000	0.00000	0.10801	1
		4706	53.55530	25.23500	85.00000	0.00000	0.00000	0.08802	1
		4707	54.30960	25.23500	85.00000	0.00000	0.00000	0.07105	1
		4708	55.06390	25.23500	85.00000	0.00000	0.00000	0.05671	1
		4709	55.81820	25.23500	85.00000	0.00000	0.00000	0.04464	1
		4710	56.57250	25.23500	85.00000	0.00000	0.00000	0.03451	1
		4711	57.32680	25.23500	85.00000	0.00000	0.00000	0.02605	1
		4712	58.08110	25.23500	85.00000	0.00000	0.00000	0.01901	1
		4713	58.83540	25.23500	85.00000	0.00000	0.00000	0.01317	1
		4714	59.58970	25.23500	85.00000	0.00000	0.00000	0.00834	1
		4715	60.34400	25.23500	85.00000	0.00000	0.00000	0.00436	1
		4716	61.09830	25.23500	85.00000	0.00000	0.00000	0.00111	1
		4717	61.85260	25.23500	85.00000	0.00000	0.00000	-0.00155	1
		4718	62.60690	25.23500	85.00000	0.00000	0.00000	-0.00370	1
		4719	63.36120	25.23500	85.00000	0.00000	0.00000	-0.00542	1
		4720	64.11550	25.23500	85.00000	0.00000	0.00000	-0.00679	1
		4721	64.86980	25.23500	85.00000	0.00000	0.00000	-0.00787	1
		4722	65.62410	25.23500	85.00000	0.00000	0.00000	-0.00870	1
		4723	66.37840	25.23500	85.00000	0.00000	0.00000	-0.00933	1
		4724	67.13270	25.23500	85.00000	0.00000	0.00000	-0.00979	1
		4725	67.88700	25.23500	85.00000	0.00000	0.00000	-0.01010	1
		4726	68.64130	25.23500	85.00000	0.00000	0.00000	-0.01031	1
		4727	69.39560	25.23500	85.00000	0.00000	0.00000	-0.01042	1
		4728	70.14990	25.23500	85.00000	0.00000	0.00000	-0.01045	1
		4729	70.90420	25.23500	85.00000	0.00000	0.00000	-0.01042	1
		4730	71.65850	25.23500	85.00000	0.00000	0.00000	-0.01034	1
		4731	72.41280	25.23500	85.00000	0.00000	0.00000	-0.01021	1
		4732	73.16710	25.23500	85.00000	0.00000	0.00000	-0.01006	1
		4733	73.92140	25.23500	85.00000	0.00000	0.00000	-0.00988	1
		4734	74.67570	25.23500	85.00000	0.00000	0.00000	-0.00968	1
		4735	75.43000	25.23500	85.00000	0.00000	0.00000	-0.00946	1
		4736	0.00000	25.95600	85.00000	0.00000	0.00000	-0.00923	1
		4737	0.75430	25.95600	85.00000	0.00000	0.00000	-0.00946	1
		4738	1.50860	25.95600	85.00000	0.00000	0.00000	-0.00969	1
		4739	2.26290	25.95600	85.00000	0.00000	0.00000	-0.00990	1
		4740	3.01720	25.95600	85.00000	0.00000	0.00000	-0.01009	1
		4741	3.77150	25.95600	85.00000	0.00000	0.00000	-0.01026	1
		4742	4.52580	25.95600	85.00000	0.00000	0.00000	-0.01039	1
		4743	5.28010	25.95600	85.00000	0.00000	0.00000	-0.01049	1
		4744	6.03440	25.95600	85.00000	0.00000	0.00000	-0.01055	1
		4745	6.78870	25.95600	85.00000	0.00000	0.00000	-0.01054	1
		4746	7.54300	25.95600	85.00000	0.00000	0.00000	-0.01046	1
		4747	8.29730	25.95600	85.00000	0.00000	0.00000	-0.01029	1
		4748	9.05160	25.95600	85.00000	0.00000	0.00000	-0.01001	1
		4749	9.80590	25.95600	85.00000	0.00000	0.00000	-0.00960	1
		4750	10.56020	25.95600	85.00000	0.00000	0.00000	-0.00903	1
		4751	11.31450	25.95600	85.00000	0.00000	0.00000	-0.00827	1
		4752	12.06880	25.95600	85.00000	0.00000	0.00000	-0.00727	1
		4753	12.82310	25.95600	85.00000	0.00000	0.00000	-0.00599	1
		4754	13.57740	25.95600	85.00000	0.00000	0.00000	-0.00438	1
		4755	14.33170	25.95600	85.00000	0.00000	0.00000	-0.00236	1
		4756	15.08600	25.95600	85.00000	0.00000	0.00000	0.00014	1
		4757	15.84030	25.95600	85.00000	0.00000	0.00000	0.00322	1
		4758	16.59460	25.95600	85.00000	0.00000	0.00000	0.00699	1
		4759	17.34890	25.95600	85.00000	0.00000	0.00000	0.01159	1
		4760	18.10320	25.95600	85.00000	0.00000	0.00000	0.01717	1
		4761	18.85750	25.95600	85.00000	0.00000	0.00000	0.02391	1
		4762	19.61180	25.95600	85.00000	0.00000	0.00000	0.03203	1
		4763	20.36610	25.95600	85.00000	0.00000	0.00000	0.04179	1
		4764	21.12040	25.95600	85.00000	0.00000	0.00000	0.05347	1
		4765	21.87470	25.95600	85.00000	0.00000	0.00000	0.06741	1
		4766	22.62900	25.95600	85.00000	0.00000	0.00000	0.08400	1
		4767	23.38330	25.95600	85.00000	0.00000	0.00000	0.10365	1
		4768	24.13760	25.95600	85.00000	0.00000	0.00000	0.12686	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		4803	50.53810	25.95600	85.00000	0.00000	0.00000	0.22231	1
		4804	51.29240	25.95600	85.00000	0.00000	0.00000	0.18449	1
		4805	52.04670	25.95600	85.00000	0.00000	0.00000	0.15212	1
		4806	52.80100	25.95600	85.00000	0.00000	0.00000	0.12460	1
		4807	53.55530	25.95600	85.00000	0.00000	0.00000	0.10131	1
		4808	54.30960	25.95600	85.00000	0.00000	0.00000	0.08168	1
		4809	55.06390	25.95600	85.00000	0.00000	0.00000	0.06521	1
		4810	55.81820	25.95600	85.00000	0.00000	0.00000	0.05143	1
		4811	56.57250	25.95600	85.00000	0.00000	0.00000	0.03993	1
		4812	57.32680	25.95600	85.00000	0.00000	0.00000	0.03037	1
		4813	58.08110	25.95600	85.00000	0.00000	0.00000	0.02245	1
		4814	58.83540	25.95600	85.00000	0.00000	0.00000	0.01590	1
		4815	59.58970	25.95600	85.00000	0.00000	0.00000	0.01050	1
		4816	60.34400	25.95600	85.00000	0.00000	0.00000	0.00607	1
		4817	61.09830	25.95600	85.00000	0.00000	0.00000	0.00245	1
		4818	61.85260	25.95600	85.00000	0.00000	0.00000	-0.00049	1
		4819	62.60690	25.95600	85.00000	0.00000	0.00000	-0.00287	1
		4820	63.36120	25.95600	85.00000	0.00000	0.00000	-0.00478	1
		4821	64.11550	25.95600	85.00000	0.00000	0.00000	-0.00630	1
		4822	64.86980	25.95600	85.00000	0.00000	0.00000	-0.00750	1
		4823	65.62410	25.95600	85.00000	0.00000	0.00000	-0.00842	1
		4824	66.37840	25.95600	85.00000	0.00000	0.00000	-0.00913	1
		4825	67.13270	25.95600	85.00000	0.00000	0.00000	-0.00965	1
		4826	67.88700	25.95600	85.00000	0.00000	0.00000	-0.01001	1
		4827	68.64130	25.95600	85.00000	0.00000	0.00000	-0.01026	1
		4828	69.39560	25.95600	85.00000	0.00000	0.00000	-0.01039	1
		4829	70.14990	25.95600	85.00000	0.00000	0.00000	-0.01045	1
		4830	70.90420	25.95600	85.00000	0.00000	0.00000	-0.01044	1
		4831	71.65850	25.95600	85.00000	0.00000	0.00000	-0.01037	1
		4832	72.41280	25.95600	85.00000	0.00000	0.00000	-0.01025	1
		4833	73.16710	25.95600	85.00000	0.00000	0.00000	-0.01011	1
		4834	73.92140	25.95600	85.00000	0.00000	0.00000	-0.00993	1
		4835	74.67570	25.95600	85.00000	0.00000	0.00000	-0.00973	1
		4836	75.43000	25.95600	85.00000	0.00000	0.00000	-0.00952	1
		4837	0.00000	26.67700	85.00000	0.00000	0.00000	-0.00929	1
		4838	0.75430	26.67700	85.00000	0.00000	0.00000	-0.00952	1
		4839	1.50860	26.67700	85.00000	0.00000	0.00000	-0.00974	1
		4840	2.26290	26.67700	85.00000	0.00000	0.00000	-0.00995	1
		4841	3.01720	26.67700	85.00000	0.00000	0.00000	-0.01013	1
		4842	3.77150	26.67700	85.00000	0.00000	0.00000	-0.01030	1
		4843	4.52580	26.67700	85.00000	0.00000	0.00000	-0.01042	1
		4844	5.28010	26.67700	85.00000	0.00000	0.00000	-0.01051	1
		4845	6.03440	26.67700	85.00000	0.00000	0.00000	-0.01055	1
		4846	6.78870	26.67700	85.00000	0.00000	0.00000	-0.01052	1
		4847	7.54300	26.67700	85.00000	0.00000	0.00000	-0.01041	1
		4848	8.29730	26.67700	85.00000	0.00000	0.00000	-0.01021	1
		4849	9.05160	26.67700	85.00000	0.00000	0.00000	-0.00989	1
		4850	9.80590	26.67700	85.00000	0.00000	0.00000	-0.00942	1
		4851	10.56020	26.67700	85.00000	0.00000	0.00000	-0.00879	1
		4852	11.31450	26.67700	85.00000	0.00000	0.00000	-0.00794	1
		4853	12.06880	26.67700	85.00000	0.00000	0.00000	-0.00693	1
		4854	12.82310	26.67700	85.00000	0.00000	0.00000	-0.00542	1
		4855	13.57740	26.67700	85.00000	0.00000	0.00000	-0.00363	1
		4856	14.33170	26.67700	85.00000	0.00000	0.00000	-0.00140	1
		4857	15.08600	26.67700	85.00000	0.00000	0.00000	0.00136	1
		4858	15.84030	26.67700	85.00000	0.00000	0.00000	0.00477	1
		4859	16.59460	26.67700	85.00000	0.00000	0.00000	0.00896	1
		4860	17.34890	26.67700	85.00000	0.00000	0.00000	0.01407	1
		4861	18.10320	26.67700	85.00000	0.00000	0.00000	0.02028	1
		4862	18.85750	26.67700	85.00000	0.00000	0.00000	0.02782	1
		4863	19.61180	26.67700	85.00000	0.00000	0.00000	0.03694	1
		4864	20.36610	26.67700	85.00000	0.00000	0.00000	0.04794	1
		4865	21.12040	26.67700	85.00000	0.00000	0.00000	0.06117	1
		4866	21.87470	26.67700	85.00000	0.00000	0.00000	0.07706	1
		4867	22.62900	26.67700	85.00000	0.00000	0.00000	0.09606	1
		4868	23.38330	26.67700	85.00000	0.00000	0.00000	0.11874	1
		4869	24.13760	26.67700	85.00000	0.00000	0.00000	0.14572	1
		4870	24.89190	26.67700	85.00000	0.00000	0.00000	0.17767	1
		4871	25.64620	26.67700	85.00000	0.00000	0.00000	0.21537	1
		4872	26.40050	26.67700	85.00000	0.00000	0.00000	0.25957	1
		4873	27.15480	26.67700	85.00000	0.00000	0.00000	0.31106	1
		4874	27.90910	26.67700	85.00000	0.00000	0.00000	0.37049	1
		4875	28.66340	26.67700	85.00000	0.00000	0.00000	0.43833	1
		4876	29.41770	26.67700	85.00000	0.00000	0.00000	0.51461	1
		4877	30.17200	26.67700	85.00000	0.00000	0.00000	0.59880	1
		4878	30.92630	26.67700	85.00000	0.00000	0.00000	0.68960	1
		4879	31.68060	26.67700	85.00000	0.00000	0.00000	0.78478	1
		4880	32.43490	26.67700	85.00000	0.00000	0.00000	0.88106	1
		4881	33.18920	26.67700	85.00000	0.00000	0.00000	0.97408	1
		4882	33.94350	26.67700	85.00000	0.00000	0.00000	1.05925	1
		4883	34.69780	26.67700	85.00000	0.00000	0.00000	1.13340	1
		4884	35.45210	26.67700	85.00000	0.00000	0.00000	1.19548	1
		4885	36.20640	26.67700	85.00000	0.00000	0.00000	1.24556	1
		4886	36.96070	26.67700	85.00000	0.00000	0.00000	1.28351	1
		4887	37.71500	26.67700	85.00000	0.00000	0.00000	1.30883	1
		4888	38.46930	26.67700	85.00000	0.00000	0.00000	1.32151	1
		4889	39.22360	26.67700	85.00000	0.00000	0.00000	1.32211	1
		4890	39.97790	26.67700	85.00000	0.00000	0.00000	1.31058	1
		4891	40.73220	26.67700	85.00000	0.00000	0.00000	1.28546	1
		4892	41.48650	26.67700	85.00000	0.00000	0.00000	1.24466	1
		4893	42.24080	26.67700	85.00000	0.00000	0.00000	1.18717	1
		4894	42.99510	26.67700	85.00000	0.00000	0.00000	1.11340	1
		4895	43.74940	26.67700	85.00000	0.00000	0.00000	1.02505	1
		4896	44.50370	26.67700	85.00000	0.00000	0.00000	0.92546	1
		4897	45.25800	26.67700	85.00000	0.00000	0.00000	0.82005	1
		4898	46.01230	26.67700	85.00000	0.00000	0.00000	0.71508	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		4933	72.41280	26.67700	85.00000	0.00000	0.00000	-0.01029	1
		4934	73.16710	26.67700	85.00000	0.00000	0.00000	-0.01015	1
		4935	73.92140	26.67700	85.00000	0.00000	0.00000	-0.00998	1
		4936	74.67570	26.67700	85.00000	0.00000	0.00000	-0.00979	1
		4937	75.43000	26.67700	85.00000	0.00000	0.00000	-0.00958	1
		4938	0.00000	27.39800	85.00000	0.00000	0.00000	-0.00934	1
		4939	0.75430	27.39800	85.00000	0.00000	0.00000	-0.00957	1
		4940	1.50860	27.39800	85.00000	0.00000	0.00000	-0.00979	1
		4941	2.26290	27.39800	85.00000	0.00000	0.00000	-0.01000	1
		4942	3.01720	27.39800	85.00000	0.00000	0.00000	-0.01018	1
		4943	3.77150	27.39800	85.00000	0.00000	0.00000	-0.01033	1
		4944	4.52580	27.39800	85.00000	0.00000	0.00000	-0.01045	1
		4945	5.28010	27.39800	85.00000	0.00000	0.00000	-0.01053	1
		4946	6.03440	27.39800	85.00000	0.00000	0.00000	-0.01055	1
		4947	6.78870	27.39800	85.00000	0.00000	0.00000	-0.01050	1
		4948	7.54300	27.39800	85.00000	0.00000	0.00000	-0.01036	1
		4949	8.29730	27.39800	85.00000	0.00000	0.00000	-0.01013	1
		4950	9.05160	27.39800	85.00000	0.00000	0.00000	-0.00976	1
		4951	9.80590	27.39800	85.00000	0.00000	0.00000	-0.00924	1
		4952	10.56020	27.39800	85.00000	0.00000	0.00000	-0.00853	1
		4953	11.31450	27.39800	85.00000	0.00000	0.00000	-0.00759	1
		4954	12.06880	27.39800	85.00000	0.00000	0.00000	-0.00638	1
		4955	12.82310	27.39800	85.00000	0.00000	0.00000	-0.00483	1
		4956	13.57740	27.39800	85.00000	0.00000	0.00000	-0.00287	1
		4957	14.33170	27.39800	85.00000	0.00000	0.00000	-0.00042	1
		4958	15.08600	27.39800	85.00000	0.00000	0.00000	0.00261	1
		4959	15.84030	27.39800	85.00000	0.00000	0.00000	0.00636	1
		4960	16.59460	27.39800	85.00000	0.00000	0.00000	0.01097	1
		4961	17.34890	27.39800	85.00000	0.00000	0.00000	0.01661	1
		4962	18.10320	27.39800	85.00000	0.00000	0.00000	0.02349	1
		4963	18.85750	27.39800	85.00000	0.00000	0.00000	0.03187	1
		4964	19.61180	27.39800	85.00000	0.00000	0.00000	0.04203	1
		4965	20.36610	27.39800	85.00000	0.00000	0.00000	0.05435	1
		4966	21.12040	27.39800	85.00000	0.00000	0.00000	0.06924	1
		4967	21.87470	27.39800	85.00000	0.00000	0.00000	0.08720	1
		4968	22.62900	27.39800	85.00000	0.00000	0.00000	0.10883	1
		4969	23.38330	27.39800	85.00000	0.00000	0.00000	0.13481	1
		4970	24.13760	27.39800	85.00000	0.00000	0.00000	0.16595	1
		4971	24.89190	27.39800	85.00000	0.00000	0.00000	0.20315	1
		4972	25.64620	27.39800	85.00000	0.00000	0.00000	0.24747	1
		4973	26.40050	27.39800	85.00000	0.00000	0.00000	0.30002	1
		4974	27.15480	27.39800	85.00000	0.00000	0.00000	0.36202	1
		4975	27.90910	27.39800	85.00000	0.00000	0.00000	0.43465	1
		4976	28.66340	27.39800	85.00000	0.00000	0.00000	0.51890	1
		4977	29.41770	27.39800	85.00000	0.00000	0.00000	0.61532	1
		4978	30.17200	27.39800	85.00000	0.00000	0.00000	0.72369	1
		4979	30.92630	27.39800	85.00000	0.00000	0.00000	0.84269	1
		4980	31.68060	27.39800	85.00000	0.00000	0.00000	0.96977	1
		4981	32.43490	27.39800	85.00000	0.00000	0.00000	1.10064	1
		4982	33.18920	27.39800	85.00000	0.00000	0.00000	1.22807	1
		4983	33.94350	27.39800	85.00000	0.00000	0.00000	1.34295	1
		4984	34.69780	27.39800	85.00000	0.00000	0.00000	1.43983	1
		4985	35.45210	27.39800	85.00000	0.00000	0.00000	1.51917	1
		4986	36.20640	27.39800	85.00000	0.00000	0.00000	1.58360	1
		4987	36.96070	27.39800	85.00000	0.00000	0.00000	1.63330	1
		4988	37.71500	27.39800	85.00000	0.00000	0.00000	1.66601	1
		4989	38.46930	27.39800	85.00000	0.00000	0.00000	1.68184	1
		4990	39.22360	27.39800	85.00000	0.00000	0.00000	1.68360	1
		4991	39.97790	27.39800	85.00000	0.00000	0.00000	1.67274	1
		4992	40.73220	27.39800	85.00000	0.00000	0.00000	1.64561	1
		4993	41.48650	27.39800	85.00000	0.00000	0.00000	1.59610	1
		4994	42.24080	27.39800	85.00000	0.00000	0.00000	1.52199	1
		4995	42.99510	27.39800	85.00000	0.00000	0.00000	1.42422	1
		4996	43.74940	27.39800	85.00000	0.00000	0.00000	1.30439	1
		4997	44.50370	27.39800	85.00000	0.00000	0.00000	1.16615	1
		4998	45.25800	27.39800	85.00000	0.00000	0.00000	1.01905	1
		4999	46.01230	27.39800	85.00000	0.00000	0.00000	0.87525	1
		5000	46.76660	27.39800	85.00000	0.00000	0.00000	0.74283	1
		5001	47.52090	27.39800	85.00000	0.00000	0.00000	0.62513	1
		5002	48.27520	27.39800	85.00000	0.00000	0.00000	0.52266	1
		5003	49.02950	27.39800	85.00000	0.00000	0.00000	0.43463	1
		5004	49.78380	27.39800	85.00000	0.00000	0.00000	0.35972	1
		5005	50.53810	27.39800	85.00000	0.00000	0.00000	0.29640	1
		5006	51.29240	27.39800	85.00000	0.00000	0.00000	0.24316	1
		5007	52.04670	27.39800	85.00000	0.00000	0.00000	0.19859	1
		5008	52.80100	27.39800	85.00000	0.00000	0.00000	0.16139	1
		5009	53.55530	27.39800	85.00000	0.00000	0.00000	0.13045	1
		5010	54.30960	27.39800	85.00000	0.00000	0.00000	0.10477	1
		5011	55.06390	27.39800	85.00000	0.00000	0.00000	0.08350	1
		5012	55.81820	27.39800	85.00000	0.00000	0.00000	0.06592	1
		5013	56.57250	27.39800	85.00000	0.00000	0.00000	0.05142	1
		5014	57.32680	27.39800	85.00000	0.00000	0.00000	0.03947	1
		5015	58.08110	27.39800	85.00000	0.00000	0.00000	0.02965	1
		5016	58.83540	27.39800	85.00000	0.00000	0.00000	0.02159	1
		5017	59.58970	27.39800	85.00000	0.00000	0.00000	0.01500	1
		5018	60.34400	27.39800	85.00000	0.00000	0.00000	0.00962	1
		5019	61.09830	27.39800	85.00000	0.00000	0.00000	0.00524	1
		5020	61.85260	27.39800	85.00000	0.00000	0.00000	0.00169	1
		5021	62.60690	27.39800	85.00000	0.00000	0.00000	-0.00117	1
		5022	63.36120	27.39800	85.00000	0.00000	0.00000	-0.00347	1
		5023	64.11550	27.39800	85.00000	0.00000	0.00000	-0.00530	1
		5024	64.86980	27.39800	85.00000	0.00000	0.00000	-0.00674	1
		5025	65.62410	27.39800	85.00000	0.00000	0.00000	-0.00786	1
		5026	66.37840	27.39800	85.00000	0.00000	0.00000	-0.00871	1
		5027	67.13270	27.39800	85.00000	0.00000	0.00000	-0.00935	1
		5028	67.88700	27.39800	85.00000	0.00000	0.00000	-0.00982</	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		5063	18.10320	28.11900	85.00000	0.00000	0.00000	0.02676	1
		5064	18.85750	28.11900	85.00000	0.00000	0.00000	0.03600	1
		5065	19.61180	28.11900	85.00000	0.00000	0.00000	0.04725	1
		5066	20.36610	28.11900	85.00000	0.00000	0.00000	0.06094	1
		5067	21.12040	28.11900	85.00000	0.00000	0.00000	0.07757	1
		5068	21.87470	28.11900	85.00000	0.00000	0.00000	0.09773	1
		5069	22.62900	28.11900	85.00000	0.00000	0.00000	0.12215	1
		5070	23.38330	28.11900	85.00000	0.00000	0.00000	0.15168	1
		5071	24.13760	28.11900	85.00000	0.00000	0.00000	0.18733	1
		5072	24.89190	28.11900	85.00000	0.00000	0.00000	0.23030	1
		5073	25.64620	28.11900	85.00000	0.00000	0.00000	0.28199	1
		5074	26.40050	28.11900	85.00000	0.00000	0.00000	0.34401	1
		5075	27.15480	28.11900	85.00000	0.00000	0.00000	0.41819	1
		5076	27.90910	28.11900	85.00000	0.00000	0.00000	0.50650	1
		5077	28.66340	28.11900	85.00000	0.00000	0.00000	0.61091	1
		5078	29.41770	28.11900	85.00000	0.00000	0.00000	0.73304	1
		5079	30.17200	28.11900	85.00000	0.00000	0.00000	0.87349	1
		5080	30.92630	28.11900	85.00000	0.00000	0.00000	1.03123	1
		5081	31.68060	28.11900	85.00000	0.00000	0.00000	1.20386	1
		5082	32.43490	28.11900	85.00000	0.00000	0.00000	1.38795	1
		5083	33.18920	28.11900	85.00000	0.00000	0.00000	1.57238	1
		5084	33.94350	28.11900	85.00000	0.00000	0.00000	1.73317	1
		5085	34.69780	28.11900	85.00000	0.00000	0.00000	1.85879	1
		5086	35.45210	28.11900	85.00000	0.00000	0.00000	1.95744	1
		5087	36.20640	28.11900	85.00000	0.00000	0.00000	2.04140	1
		5088	36.96070	28.11900	85.00000	0.00000	0.00000	2.11169	1
		5089	37.71500	28.11900	85.00000	0.00000	0.00000	2.15474	1
		5090	38.46930	28.11900	85.00000	0.00000	0.00000	2.17109	1
		5091	39.22360	28.11900	85.00000	0.00000	0.00000	2.17243	1
		5092	39.97790	28.11900	85.00000	0.00000	0.00000	2.16831	1
		5093	40.73220	28.11900	85.00000	0.00000	0.00000	2.14955	1
		5094	41.48650	28.11900	85.00000	0.00000	0.00000	2.08958	1
		5095	42.24080	28.11900	85.00000	0.00000	0.00000	1.99126	1
		5096	42.99510	28.11900	85.00000	0.00000	0.00000	1.85930	1
		5097	43.74940	28.11900	85.00000	0.00000	0.00000	1.69439	1
		5098	44.50370	28.11900	85.00000	0.00000	0.00000	1.49297	1
		5099	45.25800	28.11900	85.00000	0.00000	0.00000	1.27527	1
		5100	46.01230	28.11900	85.00000	0.00000	0.00000	1.07153	1
		5101	46.76660	28.11900	85.00000	0.00000	0.00000	0.89303	1
		5102	47.52090	28.11900	85.00000	0.00000	0.00000	0.74048	1
		5103	48.27520	28.11900	85.00000	0.00000	0.00000	0.61160	1
		5104	49.02950	28.11900	85.00000	0.00000	0.00000	0.50343	1
		5105	49.78380	28.11900	85.00000	0.00000	0.00000	0.41309	1
		5106	50.53810	28.11900	85.00000	0.00000	0.00000	0.33791	1
		5107	51.29240	28.11900	85.00000	0.00000	0.00000	0.27552	1
		5108	52.04670	28.11900	85.00000	0.00000	0.00000	0.22386	1
		5109	52.80100	28.11900	85.00000	0.00000	0.00000	0.18117	1
		5110	53.55530	28.11900	85.00000	0.00000	0.00000	0.14595	1
		5111	54.30960	28.11900	85.00000	0.00000	0.00000	0.11694	1
		5112	55.06390	28.11900	85.00000	0.00000	0.00000	0.09306	1
		5113	55.81820	28.11900	85.00000	0.00000	0.00000	0.07344	1
		5114	56.57250	28.11900	85.00000	0.00000	0.00000	0.05733	1
		5115	57.32680	28.11900	85.00000	0.00000	0.00000	0.04413	1
		5116	58.08110	28.11900	85.00000	0.00000	0.00000	0.03331	1
		5117	58.83540	28.11900	85.00000	0.00000	0.00000	0.02448	1
		5118	59.58970	28.11900	85.00000	0.00000	0.00000	0.01727	1
		5119	60.34400	28.11900	85.00000	0.00000	0.00000	0.01140	1
		5120	61.09830	28.11900	85.00000	0.00000	0.00000	0.00663	1
		5121	61.85260	28.11900	85.00000	0.00000	0.00000	0.00278	1
		5122	62.60690	28.11900	85.00000	0.00000	0.00000	-0.00033	1
		5123	63.36120	28.11900	85.00000	0.00000	0.00000	-0.00281	1
		5124	64.11550	28.11900	85.00000	0.00000	0.00000	-0.00479	1
		5125	64.86980	28.11900	85.00000	0.00000	0.00000	-0.00635	1
		5126	65.62410	28.11900	85.00000	0.00000	0.00000	-0.00757	1
		5127	66.37840	28.11900	85.00000	0.00000	0.00000	-0.00850	1
		5128	67.13270	28.11900	85.00000	0.00000	0.00000	-0.00920	1
		5129	67.88700	28.11900	85.00000	0.00000	0.00000	-0.00971	1
		5130	68.64130	28.11900	85.00000	0.00000	0.00000	-0.01007	1
		5131	69.39560	28.11900	85.00000	0.00000	0.00000	-0.01030	1
		5132	70.14990	28.11900	85.00000	0.00000	0.00000	-0.01042	1
		5133	70.90420	28.11900	85.00000	0.00000	0.00000	-0.01046	1
		5134	71.65850	28.11900	85.00000	0.00000	0.00000	-0.01043	1
		5135	72.41280	28.11900	85.00000	0.00000	0.00000	-0.01035	1
		5136	73.16710	28.11900	85.00000	0.00000	0.00000	-0.01022	1
		5137	73.92140	28.11900	85.00000	0.00000	0.00000	-0.01007	1
		5138	74.67570	28.11900	85.00000	0.00000	0.00000	-0.00988	1
		5139	75.43000	28.11900	85.00000	0.00000	0.00000	-0.00967	1
		5140	0.00000	28.84000	85.00000	0.00000	0.00000	-0.00944	1
		5141	0.75430	28.84000	85.00000	0.00000	0.00000	-0.00967	1
		5142	1.50860	28.84000	85.00000	0.00000	0.00000	-0.00988	1
		5143	2.26290	28.84000	85.00000	0.00000	0.00000	-0.01008	1
		5144	3.01720	28.84000	85.00000	0.00000	0.00000	-0.01025	1
		5145	3.77150	28.84000	85.00000	0.00000	0.00000	-0.01039	1
		5146	4.52580	28.84000	85.00000	0.00000	0.00000	-0.01049	1
		5147	5.28010	28.84000	85.00000	0.00000	0.00000	-0.01054	1
		5148	6.03440	28.84000	85.00000	0.00000	0.00000	-0.01053	1
		5149	6.78870	28.84000	85.00000	0.00000	0.00000	-0.01044	1
		5150	7.54300	28.84000	85.00000	0.00000	0.00000	-0.01025	1
		5151	8.29730	28.84000	85.00000	0.00000	0.00000	-0.00994	1
		5152	9.05160	28.84000	85.00000	0.00000	0.00000	-0.00949	1
		5153	9.80590	28.84000	85.00000	0.00000	0.00000	-0.00896	1
		5154	10.56020	28.84000	85.00000	0.00000	0.00000	-0.00802	1
		5155	11.31450	28.84000	85.00000	0.00000	0.00000	-0.00690	1
		5156	12.06880	28.84000	85.00000	0.00000	0.00000	-0.00547	1
		5157	12.82310	28.84000	85.00000	0.00000	0.00000	-0.00364	1
		5158	13.57740	28.84000	85.00000	0.00000	0.00000	-0.00134	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		5193	39.97790	28.84000	85.00000	0.00000	0.00000	2.89725	1
		5194	40.73220	28.84000	85.00000	0.00000	0.00000	2.95159	1
		5195	41.48650	28.84000	85.00000	0.00000	0.00000	2.86599	1
		5196	42.24080	28.84000	85.00000	0.00000	0.00000	2.71762	1
		5197	42.99510	28.84000	85.00000	0.00000	0.00000	2.52824	1
		5198	43.74940	28.84000	85.00000	0.00000	0.00000	2.31005	1
		5199	44.50370	28.84000	85.00000	0.00000	0.00000	1.97908	1
		5200	45.25800	28.84000	85.00000	0.00000	0.00000	1.61085	1
		5201	46.01230	28.84000	85.00000	0.00000	0.00000	1.30980	1
		5202	46.76660	28.84000	85.00000	0.00000	0.00000	1.06740	1
		5203	47.52090	28.84000	85.00000	0.00000	0.00000	0.87043	1
		5204	48.27520	28.84000	85.00000	0.00000	0.00000	0.70955	1
		5205	49.02950	28.84000	85.00000	0.00000	0.00000	0.57786	1
		5206	49.78380	28.84000	85.00000	0.00000	0.00000	0.46999	1
		5207	50.53810	28.84000	85.00000	0.00000	0.00000	0.38162	1
		5208	51.29240	28.84000	85.00000	0.00000	0.00000	0.30924	1
		5209	52.04670	28.84000	85.00000	0.00000	0.00000	0.24997	1
		5210	52.80100	28.84000	85.00000	0.00000	0.00000	0.20145	1
		5211	53.55530	28.84000	85.00000	0.00000	0.00000	0.16174	1
		5212	54.30960	28.84000	85.00000	0.00000	0.00000	0.12925	1
		5213	55.06390	28.84000	85.00000	0.00000	0.00000	0.10269	1
		5214	55.81820	28.84000	85.00000	0.00000	0.00000	0.08097	1
		5215	56.57250	28.84000	85.00000	0.00000	0.00000	0.06324	1
		5216	57.32680	28.84000	85.00000	0.00000	0.00000	0.04876	1
		5217	58.08110	28.84000	85.00000	0.00000	0.00000	0.03695	1
		5218	58.83540	28.84000	85.00000	0.00000	0.00000	0.02733	1
		5219	59.58970	28.84000	85.00000	0.00000	0.00000	0.01950	1
		5220	60.34400	28.84000	85.00000	0.00000	0.00000	0.01315	1
		5221	61.09830	28.84000	85.00000	0.00000	0.00000	0.00800	1
		5222	61.85260	28.84000	85.00000	0.00000	0.00000	0.00385	1
		5223	62.60690	28.84000	85.00000	0.00000	0.00000	0.00050	1
		5224	63.36120	28.84000	85.00000	0.00000	0.00000	-0.00217	1
		5225	64.11550	28.84000	85.00000	0.00000	0.00000	-0.00430	1
		5226	64.86980	28.84000	85.00000	0.00000	0.00000	-0.00598	1
		5227	65.62410	28.84000	85.00000	0.00000	0.00000	-0.00729	1
		5228	66.37840	28.84000	85.00000	0.00000	0.00000	-0.00829	1
		5229	67.13270	28.84000	85.00000	0.00000	0.00000	-0.00905	1
		5230	67.88700	28.84000	85.00000	0.00000	0.00000	-0.00961	1
		5231	68.64130	28.84000	85.00000	0.00000	0.00000	-0.01000	1
		5232	69.39560	28.84000	85.00000	0.00000	0.00000	-0.01026	1
		5233	70.14990	28.84000	85.00000	0.00000	0.00000	-0.01040	1
		5234	70.90420	28.84000	85.00000	0.00000	0.00000	-0.01046	1
		5235	71.65850	28.84000	85.00000	0.00000	0.00000	-0.01045	1
		5236	72.41280	28.84000	85.00000	0.00000	0.00000	-0.01037	1
		5237	73.16710	28.84000	85.00000	0.00000	0.00000	-0.01026	1
		5238	73.92140	28.84000	85.00000	0.00000	0.00000	-0.01010	1
		5239	74.67570	28.84000	85.00000	0.00000	0.00000	-0.00992	1
		5240	75.43000	28.84000	85.00000	0.00000	0.00000	-0.00972	1
		5241	0.00000	29.56100	85.00000	0.00000	0.00000	-0.00948	1
		5242	0.75430	29.56100	85.00000	0.00000	0.00000	-0.00971	1
		5243	1.50860	29.56100	85.00000	0.00000	0.00000	-0.00992	1
		5244	2.26290	29.56100	85.00000	0.00000	0.00000	-0.01011	1
		5245	3.01720	29.56100	85.00000	0.00000	0.00000	-0.01028	1
		5246	3.77150	29.56100	85.00000	0.00000	0.00000	-0.01041	1
		5247	4.52580	29.56100	85.00000	0.00000	0.00000	-0.01050	1
		5248	5.28010	29.56100	85.00000	0.00000	0.00000	-0.01054	1
		5249	6.03440	29.56100	85.00000	0.00000	0.00000	-0.01051	1
		5250	6.78870	29.56100	85.00000	0.00000	0.00000	-0.01040	1
		5251	7.54300	29.56100	85.00000	0.00000	0.00000	-0.01019	1
		5252	8.29730	29.56100	85.00000	0.00000	0.00000	-0.00985	1
		5253	9.05160	29.56100	85.00000	0.00000	0.00000	-0.00936	1
		5254	9.80590	29.56100	85.00000	0.00000	0.00000	-0.00868	1
		5255	10.56020	29.56100	85.00000	0.00000	0.00000	-0.00776	1
		5256	11.31450	29.56100	85.00000	0.00000	0.00000	-0.00657	1
		5257	12.06880	29.56100	85.00000	0.00000	0.00000	-0.00502	1
		5258	12.82310	29.56100	85.00000	0.00000	0.00000	-0.00306	1
		5259	13.57740	29.56100	85.00000	0.00000	0.00000	-0.00059	1
		5260	14.33170	29.56100	85.00000	0.00000	0.00000	0.00251	1
		5261	15.08600	29.56100	85.00000	0.00000	0.00000	0.00636	1
		5262	15.84030	29.56100	85.00000	0.00000	0.00000	0.01114	1
		5263	16.59460	29.56100	85.00000	0.00000	0.00000	0.01704	1
		5264	17.34890	29.56100	85.00000	0.00000	0.00000	0.02432	1
		5265	18.10320	29.56100	85.00000	0.00000	0.00000	0.03328	1
		5266	18.85750	29.56100	85.00000	0.00000	0.00000	0.04427	1
		5267	19.61180	29.56100	85.00000	0.00000	0.00000	0.05776	1
		5268	20.36610	29.56100	85.00000	0.00000	0.00000	0.07429	1
		5269	21.12040	29.56100	85.00000	0.00000	0.00000	0.09453	1
		5270	21.87470	29.56100	85.00000	0.00000	0.00000	0.11932	1
		5271	22.62900	29.56100	85.00000	0.00000	0.00000	0.14966	1
		5272	23.38330	29.56100	85.00000	0.00000	0.00000	0.18680	1
		5273	24.13760	29.56100	85.00000	0.00000	0.00000	0.23228	1
		5274	24.89190	29.56100	85.00000	0.00000	0.00000	0.28798	1
		5275	25.64620	29.56100	85.00000	0.00000	0.00000	0.35628	1
		5276	26.40050	29.56100	85.00000	0.00000	0.00000	0.44012	1
		5277	27.15480	29.56100	85.00000	0.00000	0.00000	0.54328	1
		5278	27.90910	29.56100	85.00000	0.00000	0.00000	0.67058	1
		5279	28.66340	29.56100	85.00000	0.00000	0.00000	0.82832	1
		5280	29.41770	29.56100	85.00000	0.00000	0.00000	1.02469	1
		5281	30.17200	29.56100	85.00000	0.00000	0.00000	1.26927	1
		5282	30.92630	29.56100	85.00000	0.00000	0.00000	1.56643	1
		5283	31.68060	29.56100	85.00000	0.00000	0.00000	1.90048	1
		5284	32.43490	29.56100	85.00000	0.00000	0.00000	2.29331	1
		5285	33.18920	29.56100	85.00000	0.00000	0.00000	3.24362	1
		5286	33.94350	29.56100	85.00000	0.00000	0.00000	3.66385	1
		5287	34.69780	29.56100	85.00000	0.00000	0.00000	3.81168	1
		5288	35.45210	29.56100	85.00000	0.00000	0.00000	3.84146	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		5323	61.85260	29.56100	85.00000	0.00000	0.00000	0.00488	1
		5324	62.60690	29.56100	85.00000	0.00000	0.00000	0.00130	1
		5325	63.36120	29.56100	85.00000	0.00000	0.00000	-0.00155	1
		5326	64.11550	29.56100	85.00000	0.00000	0.00000	-0.00383	1
		5327	64.86980	29.56100	85.00000	0.00000	0.00000	-0.00562	1
		5328	65.62410	29.56100	85.00000	0.00000	0.00000	-0.00702	1
		5329	66.37840	29.56100	85.00000	0.00000	0.00000	-0.00809	1
		5330	67.13270	29.56100	85.00000	0.00000	0.00000	-0.00891	1
		5331	67.88700	29.56100	85.00000	0.00000	0.00000	-0.00951	1
		5332	68.64130	29.56100	85.00000	0.00000	0.00000	-0.00994	1
		5333	69.39560	29.56100	85.00000	0.00000	0.00000	-0.01022	1
		5334	70.14990	29.56100	85.00000	0.00000	0.00000	-0.01039	1
		5335	70.90420	29.56100	85.00000	0.00000	0.00000	-0.01046	1
		5336	71.65850	29.56100	85.00000	0.00000	0.00000	-0.01046	1
		5337	72.41280	29.56100	85.00000	0.00000	0.00000	-0.01039	1
		5338	73.16710	29.56100	85.00000	0.00000	0.00000	-0.01028	1
		5339	73.92140	29.56100	85.00000	0.00000	0.00000	-0.01013	1
		5340	74.67570	29.56100	85.00000	0.00000	0.00000	-0.00996	1
		5341	75.43000	29.56100	85.00000	0.00000	0.00000	-0.00976	1
		5342	0.00000	30.28200	85.00000	0.00000	0.00000	-0.00952	1
		5343	0.75430	30.28200	85.00000	0.00000	0.00000	-0.00974	1
		5344	1.50860	30.28200	85.00000	0.00000	0.00000	-0.00995	1
		5345	2.26290	30.28200	85.00000	0.00000	0.00000	-0.01014	1
		5346	3.01720	30.28200	85.00000	0.00000	0.00000	-0.01030	1
		5347	3.77150	30.28200	85.00000	0.00000	0.00000	-0.01043	1
		5348	4.52580	30.28200	85.00000	0.00000	0.00000	-0.01051	1
		5349	5.28010	30.28200	85.00000	0.00000	0.00000	-0.01054	1
		5350	6.03440	30.28200	85.00000	0.00000	0.00000	-0.01050	1
		5351	6.78870	30.28200	85.00000	0.00000	0.00000	-0.01037	1
		5352	7.54300	30.28200	85.00000	0.00000	0.00000	-0.01013	1
		5353	8.29730	30.28200	85.00000	0.00000	0.00000	-0.00976	1
		5354	9.05160	30.28200	85.00000	0.00000	0.00000	-0.00923	1
		5355	9.80590	30.28200	85.00000	0.00000	0.00000	-0.00849	1
		5356	10.56020	30.28200	85.00000	0.00000	0.00000	-0.00752	1
		5357	11.31450	30.28200	85.00000	0.00000	0.00000	-0.00624	1
		5358	12.06880	30.28200	85.00000	0.00000	0.00000	-0.00460	1
		5359	12.82310	30.28200	85.00000	0.00000	0.00000	-0.00251	1
		5360	13.57740	30.28200	85.00000	0.00000	0.00000	0.00013	1
		5361	14.33170	30.28200	85.00000	0.00000	0.00000	0.00343	1
		5362	15.08600	30.28200	85.00000	0.00000	0.00000	0.00755	1
		5363	15.84030	30.28200	85.00000	0.00000	0.00000	0.01266	1
		5364	16.59460	30.28200	85.00000	0.00000	0.00000	0.01898	1
		5365	17.34890	30.28200	85.00000	0.00000	0.00000	0.02679	1
		5366	18.10320	30.28200	85.00000	0.00000	0.00000	0.03642	1
		5367	18.85750	30.28200	85.00000	0.00000	0.00000	0.04828	1
		5368	19.61180	30.28200	85.00000	0.00000	0.00000	0.06287	1
		5369	20.36610	30.28200	85.00000	0.00000	0.00000	0.08081	1
		5370	21.12040	30.28200	85.00000	0.00000	0.00000	0.10287	1
		5371	21.87470	30.28200	85.00000	0.00000	0.00000	0.13000	1
		5372	22.62900	30.28200	85.00000	0.00000	0.00000	0.16335	1
		5373	23.38330	30.28200	85.00000	0.00000	0.00000	0.20441	1
		5374	24.13760	30.28200	85.00000	0.00000	0.00000	0.25498	1
		5375	24.89190	30.28200	85.00000	0.00000	0.00000	0.31377	1
		5376	25.64620	30.28200	85.00000	0.00000	0.00000	0.39451	1
		5377	26.40050	30.28200	85.00000	0.00000	0.00000	0.49019	1
		5378	27.15480	30.28200	85.00000	0.00000	0.00000	0.60944	1
		5379	27.90910	30.28200	85.00000	0.00000	0.00000	0.75916	1
		5380	28.66340	30.28200	85.00000	0.00000	0.00000	0.94933	1
		5381	29.41770	30.28200	85.00000	0.00000	0.00000	1.19551	1
		5382	30.17200	30.28200	85.00000	0.00000	0.00000	1.52522	1
		5383	30.92630	30.28200	85.00000	0.00000	0.00000	1.99322	1
		5384	31.68060	30.28200	85.00000	0.00000	0.00000	2.51175	1
		5385	32.43490	30.28200	85.00000	0.00000	0.00000	2.97717	1
		5386	33.18920	30.28200	85.00000	0.00000	0.00000	4.02587	1
		5387	33.94350	30.28200	85.00000	0.00000	0.00000	4.50143	1
		5388	34.69780	30.28200	85.00000	0.00000	0.00000	4.73953	1
		5389	35.45210	30.28200	85.00000	0.00000	0.00000	4.89095	1
		5390	36.20640	30.28200	85.00000	0.00000	0.00000	5.01055	1
		5391	36.96070	30.28200	85.00000	0.00000	0.00000	5.12002	1
		5392	37.71500	30.28200	85.00000	0.00000	0.00000	5.18512	1
		5393	38.46930	30.28200	85.00000	0.00000	0.00000	5.20417	1
		5394	39.22360	30.28200	85.00000	0.00000	0.00000	5.19655	1
		5395	39.97790	30.28200	85.00000	0.00000	0.00000	5.17889	1
		5396	40.73220	30.28200	85.00000	0.00000	0.00000	5.14385	1
		5397	41.48650	30.28200	85.00000	0.00000	0.00000	5.05624	1
		5398	42.24080	30.28200	85.00000	0.00000	0.00000	4.90675	1
		5399	42.99510	30.28200	85.00000	0.00000	0.00000	4.68779	1
		5400	43.74940	30.28200	85.00000	0.00000	0.00000	4.36517	1
		5401	44.50370	30.28200	85.00000	0.00000	0.00000	3.80291	1
		5402	45.25800	30.28200	85.00000	0.00000	0.00000	2.59414	1
		5403	46.01230	30.28200	85.00000	0.00000	0.00000	1.91280	1
		5404	46.76660	30.28200	85.00000	0.00000	0.00000	1.48143	1
		5405	47.52090	30.28200	85.00000	0.00000	0.00000	1.16573	1
		5406	48.27520	30.28200	85.00000	0.00000	0.00000	0.92478	1
		5407	49.02950	30.28200	85.00000	0.00000	0.00000	0.73712	1
		5408	49.78380	30.28200	85.00000	0.00000	0.00000	0.58919	1
		5409	50.53810	30.28200	85.00000	0.00000	0.00000	0.47165	1
		5410	51.29240	30.28200	85.00000	0.00000	0.00000	0.37773	1
		5411	52.04670	30.28200	85.00000	0.00000	0.00000	0.30237	1
		5412	52.80100	30.28200	85.00000	0.00000	0.00000	0.24173	1
		5413	53.55530	30.28200	85.00000	0.00000	0.00000	0.19282	1
		5414	54.30960	30.28200	85.00000	0.00000	0.00000	0.15332	1
		5415	55.06390	30.28200	85.00000	0.00000	0.00000	0.12137	1
		5416	55.81820	30.28200	85.00000	0.00000	0.00000	0.09551	1
		5417	56.57250	30.28200	85.00000	0.00000	0.00000	0.07457	1
		5418	57.32680	30.28200	85.00000	0.00000	0.00000	0.05.76	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		5453	7.54300	31.00300	85.00000	0.00000	0.00000	-0.01007	1
		5454	8.29730	31.00300	85.00000	0.00000	0.00000	-0.00967	1
		5455	9.05160	31.00300	85.00000	0.00000	0.00000	-0.00910	1
		5456	9.80590	31.00300	85.00000	0.00000	0.00000	-0.00832	1
		5457	10.56020	31.00300	85.00000	0.00000	0.00000	-0.00728	1
		5458	11.31450	31.00300	85.00000	0.00000	0.00000	-0.00593	1
		5459	12.06880	31.00300	85.00000	0.00000	0.00000	-0.00419	1
		5460	12.82310	31.00300	85.00000	0.00000	0.00000	-0.00198	1
		5461	13.57740	31.00300	85.00000	0.00000	0.00000	0.00081	1
		5462	14.33170	31.00300	85.00000	0.00000	0.00000	0.00431	1
		5463	15.08600	31.00300	85.00000	0.00000	0.00000	0.00867	1
		5464	15.84030	31.00300	85.00000	0.00000	0.00000	0.01409	1
		5465	16.59460	31.00300	85.00000	0.00000	0.00000	0.02082	1
		5466	17.34890	31.00300	85.00000	0.00000	0.00000	0.02914	1
		5467	18.10320	31.00300	85.00000	0.00000	0.00000	0.03942	1
		5468	18.85750	31.00300	85.00000	0.00000	0.00000	0.05211	1
		5469	19.61180	31.00300	85.00000	0.00000	0.00000	0.06777	1
		5470	20.36610	31.00300	85.00000	0.00000	0.00000	0.08708	1
		5471	21.12040	31.00300	85.00000	0.00000	0.00000	0.11090	1
		5472	21.87470	31.00300	85.00000	0.00000	0.00000	0.14031	1
		5473	22.62900	31.00300	85.00000	0.00000	0.00000	0.17662	1
		5474	23.38330	31.00300	85.00000	0.00000	0.00000	0.22153	1
		5475	24.13760	31.00300	85.00000	0.00000	0.00000	0.27715	1
		5476	24.89190	31.00300	85.00000	0.00000	0.00000	0.34619	1
		5477	25.64620	31.00300	85.00000	0.00000	0.00000	0.43218	1
		5478	26.40050	31.00300	85.00000	0.00000	0.00000	0.53976	1
		5479	27.15480	31.00300	85.00000	0.00000	0.00000	0.67533	1
		5480	27.90910	31.00300	85.00000	0.00000	0.00000	0.84800	1
		5481	28.66340	31.00300	85.00000	0.00000	0.00000	1.07188	1
		5482	29.41770	31.00300	85.00000	0.00000	0.00000	1.37145	1
		5483	30.17200	31.00300	85.00000	0.00000	0.00000	1.80019	1
		5484	30.92630	31.00300	85.00000	0.00000	0.00000	2.59342	1
		5485	31.68060	31.00300	85.00000	0.00000	0.00000	3.70614	1
		5486	32.43490	31.00300	85.00000	0.00000	0.00000	4.21450	1
		5487	33.18920	31.00300	85.00000	0.00000	0.00000	4.68423	1
		5488	33.94350	31.00300	85.00000	0.00000	0.00000	5.05925	1
		5489	34.69780	31.00300	85.00000	0.00000	0.00000	5.30087	1
		5490	35.45210	31.00300	85.00000	0.00000	0.00000	5.46668	1
		5491	36.20640	31.00300	85.00000	0.00000	0.00000	5.58717	1
		5492	36.96070	31.00300	85.00000	0.00000	0.00000	5.67481	1
		5493	37.71500	31.00300	85.00000	0.00000	0.00000	5.72912	1
		5494	38.46930	31.00300	85.00000	0.00000	0.00000	5.75081	1
		5495	39.22360	31.00300	85.00000	0.00000	0.00000	5.74492	1
		5496	39.97790	31.00300	85.00000	0.00000	0.00000	5.71449	1
		5497	40.73220	31.00300	85.00000	0.00000	0.00000	5.65448	1
		5498	41.48650	31.00300	85.00000	0.00000	0.00000	5.55307	1
		5499	42.24080	31.00300	85.00000	0.00000	0.00000	5.39864	1
		5500	42.99510	31.00300	85.00000	0.00000	0.00000	5.17592	1
		5501	43.74940	31.00300	85.00000	0.00000	0.00000	4.85330	1
		5502	44.50370	31.00300	85.00000	0.00000	0.00000	4.35714	1
		5503	45.25800	31.00300	85.00000	0.00000	0.00000	3.75277	1
		5504	46.01230	31.00300	85.00000	0.00000	0.00000	2.27557	1
		5505	46.76660	31.00300	85.00000	0.00000	0.00000	1.71321	1
		5506	47.52090	31.00300	85.00000	0.00000	0.00000	1.32330	1
		5507	48.27520	31.00300	85.00000	0.00000	0.00000	1.03564	1
		5508	49.02950	31.00300	85.00000	0.00000	0.00000	0.81704	1
		5509	49.78380	31.00300	85.00000	0.00000	0.00000	0.64787	1
		5510	50.53810	31.00300	85.00000	0.00000	0.00000	0.51532	1
		5511	51.29240	31.00300	85.00000	0.00000	0.00000	0.41056	1
		5512	52.04670	31.00300	85.00000	0.00000	0.00000	0.32725	1
		5513	52.80100	31.00300	85.00000	0.00000	0.00000	0.26070	1
		5514	53.55530	31.00300	85.00000	0.00000	0.00000	0.20736	1
		5515	54.30960	31.00300	85.00000	0.00000	0.00000	0.16451	1
		5516	55.06390	31.00300	85.00000	0.00000	0.00000	0.13001	1
		5517	55.81820	31.00300	85.00000	0.00000	0.00000	0.10220	1
		5518	56.57250	31.00300	85.00000	0.00000	0.00000	0.07976	1
		5519	57.32680	31.00300	85.00000	0.00000	0.00000	0.06164	1
		5520	58.08110	31.00300	85.00000	0.00000	0.00000	0.04700	1
		5521	58.83540	31.00300	85.00000	0.00000	0.00000	0.03518	1
		5522	59.58970	31.00300	85.00000	0.00000	0.00000	0.02564	1
		5523	60.34400	31.00300	85.00000	0.00000	0.00000	0.01794	1
		5524	61.09830	31.00300	85.00000	0.00000	0.00000	0.01173	1
		5525	61.85260	31.00300	85.00000	0.00000	0.00000	0.00675	1
		5526	62.60690	31.00300	85.00000	0.00000	0.00000	0.00276	1
		5527	63.36120	31.00300	85.00000	0.00000	0.00000	-0.00043	1
		5528	64.11550	31.00300	85.00000	0.00000	0.00000	-0.00297	1
		5529	64.86980	31.00300	85.00000	0.00000	0.00000	-0.00496	1
		5530	65.62410	31.00300	85.00000	0.00000	0.00000	-0.00653	1
		5531	66.37840	31.00300	85.00000	0.00000	0.00000	-0.00773	1
		5532	67.13270	31.00300	85.00000	0.00000	0.00000	-0.00865	1
		5533	67.88700	31.00300	85.00000	0.00000	0.00000	-0.00933	1
		5534	68.64130	31.00300	85.00000	0.00000	0.00000	-0.00981	1
		5535	69.39560	31.00300	85.00000	0.00000	0.00000	-0.01014	1
		5536	70.14990	31.00300	85.00000	0.00000	0.00000	-0.01035	1
		5537	70.90420	31.00300	85.00000	0.00000	0.00000	-0.01045	1
		5538	71.65850	31.00300	85.00000	0.00000	0.00000	-0.01047	1
		5539	72.41280	31.00300	85.00000	0.00000	0.00000	-0.01043	1
		5540	73.16710	31.00300	85.00000	0.00000	0.00000	-0.01033	1
		5541	73.92140	31.00300	85.00000	0.00000	0.00000	-0.01019	1
		5542	74.67570	31.00300	85.00000	0.00000	0.00000	-0.01002	1
		5543	75.43000	31.00300	85.00000	0.00000	0.00000	-0.00982	1
		5544	0.00000	31.72400	85.00000	0.00000	0.00000	-0.00958	1
		5545	0.75430	31.72400	85.00000	0.00000	0.00000	-0.00980	1
		5546	1.50860	31.72400	85.00000	0.00000	0.00000	-0.01000	1
		5547	2.26290	31.72400	85.00000	0.00000	0.00000	-0.01019	1
		5548	3.01720	31.72400	85.00000	0.00000	0.00000	-0.01	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		5583	29.41770	31.72400	85.00000	0.00000	0.00000	1.53852	1
		5584	30.17200	31.72400	85.00000	0.00000	0.00000	2.05212	1
		5585	30.92630	31.72400	85.00000	0.00000	0.00000	3.08725	1
		5586	31.68060	31.72400	85.00000	0.00000	0.00000	4.20603	1
		5587	32.43490	31.72400	85.00000	0.00000	0.00000	4.74128	1
		5588	33.18920	31.72400	85.00000	0.00000	0.00000	5.14674	1
		5589	33.94350	31.72400	85.00000	0.00000	0.00000	5.47042	1
		5590	34.69780	31.72400	85.00000	0.00000	0.00000	5.70223	1
		5591	35.45210	31.72400	85.00000	0.00000	0.00000	5.86898	1
		5592	36.20640	31.72400	85.00000	0.00000	0.00000	5.98858	1
		5593	36.96070	31.72400	85.00000	0.00000	0.00000	6.07112	1
		5594	37.71500	31.72400	85.00000	0.00000	0.00000	6.12097	1
		5595	38.46930	31.72400	85.00000	0.00000	0.00000	6.14049	1
		5596	39.22360	31.72400	85.00000	0.00000	0.00000	6.13143	1
		5597	39.97790	31.72400	85.00000	0.00000	0.00000	6.09366	1
		5598	40.73220	31.72400	85.00000	0.00000	0.00000	6.02342	1
		5599	41.48650	31.72400	85.00000	0.00000	0.00000	5.91338	1
		5600	42.24080	31.72400	85.00000	0.00000	0.00000	5.75340	1
		5601	42.99510	31.72400	85.00000	0.00000	0.00000	5.52859	1
		5602	43.74940	31.72400	85.00000	0.00000	0.00000	5.21366	1
		5603	44.50370	31.72400	85.00000	0.00000	0.00000	4.76114	1
		5604	45.25800	31.72400	85.00000	0.00000	0.00000	4.05480	1
		5605	46.01230	31.72400	85.00000	0.00000	0.00000	2.70099	1
		5606	46.76660	31.72400	85.00000	0.00000	0.00000	1.95618	1
		5607	47.52090	31.72400	85.00000	0.00000	0.00000	1.47972	1
		5608	48.27520	31.72400	85.00000	0.00000	0.00000	1.14245	1
		5609	49.02950	31.72400	85.00000	0.00000	0.00000	0.89279	1
		5610	49.78380	31.72400	85.00000	0.00000	0.00000	0.70293	1
		5611	50.53810	31.72400	85.00000	0.00000	0.00000	0.55601	1
		5612	51.29240	31.72400	85.00000	0.00000	0.00000	0.44400	1
		5613	52.04670	31.72400	85.00000	0.00000	0.00000	0.35022	1
		5614	52.80100	31.72400	85.00000	0.00000	0.00000	0.27815	1
		5615	53.55530	31.72400	85.00000	0.00000	0.00000	0.22069	1
		5616	54.30960	31.72400	85.00000	0.00000	0.00000	0.17473	1
		5617	55.06390	31.72400	85.00000	0.00000	0.00000	0.13789	1
		5618	55.81820	31.72400	85.00000	0.00000	0.00000	0.10828	1
		5619	56.57250	31.72400	85.00000	0.00000	0.00000	0.08447	1
		5620	57.32680	31.72400	85.00000	0.00000	0.00000	0.06529	1
		5621	58.08110	31.72400	85.00000	0.00000	0.00000	0.04984	1
		5622	58.83540	31.72400	85.00000	0.00000	0.00000	0.03739	1
		5623	59.58970	31.72400	85.00000	0.00000	0.00000	0.02735	1
		5624	60.34400	31.72400	85.00000	0.00000	0.00000	0.01927	1
		5625	61.09830	31.72400	85.00000	0.00000	0.00000	0.01277	1
		5626	61.85260	31.72400	85.00000	0.00000	0.00000	0.00756	1
		5627	62.60690	31.72400	85.00000	0.00000	0.00000	0.00338	1
		5628	63.36120	31.72400	85.00000	0.00000	0.00000	0.00005	1
		5629	64.11550	31.72400	85.00000	0.00000	0.00000	-0.00260	1
		5630	64.86980	31.72400	85.00000	0.00000	0.00000	-0.00468	1
		5631	65.62410	31.72400	85.00000	0.00000	0.00000	-0.00631	1
		5632	66.37840	31.72400	85.00000	0.00000	0.00000	-0.00757	1
		5633	67.13270	31.72400	85.00000	0.00000	0.00000	-0.00853	1
		5634	67.88700	31.72400	85.00000	0.00000	0.00000	-0.00925	1
		5635	68.64130	31.72400	85.00000	0.00000	0.00000	-0.00976	1
		5636	69.39560	31.72400	85.00000	0.00000	0.00000	-0.01011	1
		5637	70.14990	31.72400	85.00000	0.00000	0.00000	-0.01033	1
		5638	70.90420	31.72400	85.00000	0.00000	0.00000	-0.01045	1
		5639	71.65850	31.72400	85.00000	0.00000	0.00000	-0.01048	1
		5640	72.41280	31.72400	85.00000	0.00000	0.00000	-0.01044	1
		5641	73.16710	31.72400	85.00000	0.00000	0.00000	-0.01034	1
		5642	73.92140	31.72400	85.00000	0.00000	0.00000	-0.01021	1
		5643	74.67570	31.72400	85.00000	0.00000	0.00000	-0.01004	1
		5644	75.43000	31.72400	85.00000	0.00000	0.00000	-0.00985	1
		5645	0.00000	32.44500	85.00000	0.00000	0.00000	-0.00960	1
		5646	0.75430	32.44500	85.00000	0.00000	0.00000	-0.00982	1
		5647	1.50860	32.44500	85.00000	0.00000	0.00000	-0.01002	1
		5648	2.26290	32.44500	85.00000	0.00000	0.00000	-0.01021	1
		5649	3.01720	32.44500	85.00000	0.00000	0.00000	-0.01036	1
		5650	3.77150	32.44500	85.00000	0.00000	0.00000	-0.01047	1
		5651	4.52580	32.44500	85.00000	0.00000	0.00000	-0.01053	1
		5652	5.28010	32.44500	85.00000	0.00000	0.00000	-0.01053	1
		5653	6.03440	32.44500	85.00000	0.00000	0.00000	-0.01044	1
		5654	6.78870	32.44500	85.00000	0.00000	0.00000	-0.01027	1
		5655	7.54300	32.44500	85.00000	0.00000	0.00000	-0.00997	1
		5656	8.29730	32.44500	85.00000	0.00000	0.00000	-0.00952	1
		5657	9.05160	32.44500	85.00000	0.00000	0.00000	-0.00888	1
		5658	9.80590	32.44500	85.00000	0.00000	0.00000	-0.00802	1
		5659	10.56020	32.44500	85.00000	0.00000	0.00000	-0.00688	1
		5660	11.31450	32.44500	85.00000	0.00000	0.00000	-0.00539	1
		5661	12.06880	32.44500	85.00000	0.00000	0.00000	-0.00348	1
		5662	12.82310	32.44500	85.00000	0.00000	0.00000	-0.00106	1
		5663	13.57740	32.44500	85.00000	0.00000	0.00000	0.00200	1
		5664	14.33170	32.44500	85.00000	0.00000	0.00000	0.00585	1
		5665	15.08600	32.44500	85.00000	0.00000	0.00000	0.01065	1
		5666	15.84030	32.44500	85.00000	0.00000	0.00000	0.01663	1
		5667	16.59460	32.44500	85.00000	0.00000	0.00000	0.02406	1
		5668	17.34890	32.44500	85.00000	0.00000	0.00000	0.03329	1
		5669	18.10320	32.44500	85.00000	0.00000	0.00000	0.04474	1
		5670	18.85750	32.44500	85.00000	0.00000	0.00000	0.05893	1
		5671	19.61180	32.44500	85.00000	0.00000	0.00000	0.07651	1
		5672	20.36610	32.44500	85.00000	0.00000	0.00000	0.09830	1
		5673	21.12040	32.44500	85.00000	0.00000	0.00000	0.12534	1
		5674	21.87470	32.44500	85.00000	0.00000	0.00000	0.15892	1
		5675	22.62900	32.44500	85.00000	0.00000	0.00000	0.20068	1
		5676	23.38330	32.44500	85.00000	0.00000	0.00000	0.25270	1
		5677	24.13760	32.44500	85.00000	0.00000	0.00000	0.31768	1
		5678	24.89190	32.44500	85.00000	0.00000	0.00000	0.39910	1
		5679	25.64620	32.44500					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		5713	51.29240	32.44500	85.00000	0.00000	0.00000	0.46792	1
		5714	52.04670	32.44500	85.00000	0.00000	0.00000	0.37049	1
		5715	52.80100	32.44500	85.00000	0.00000	0.00000	0.29353	1
		5716	53.55530	32.44500	85.00000	0.00000	0.00000	0.23241	1
		5717	54.30960	32.44500	85.00000	0.00000	0.00000	0.18371	1
		5718	55.06390	32.44500	85.00000	0.00000	0.00000	0.14478	1
		5719	55.81820	32.44500	85.00000	0.00000	0.00000	0.11360	1
		5720	56.57250	32.44500	85.00000	0.00000	0.00000	0.08858	1
		5721	57.32680	32.44500	85.00000	0.00000	0.00000	0.06848	1
		5722	58.08110	32.44500	85.00000	0.00000	0.00000	0.05231	1
		5723	58.83540	32.44500	85.00000	0.00000	0.00000	0.03931	1
		5724	59.58970	32.44500	85.00000	0.00000	0.00000	0.02885	1
		5725	60.34400	32.44500	85.00000	0.00000	0.00000	0.02043	1
		5726	61.09830	32.44500	85.00000	0.00000	0.00000	0.01367	1
		5727	61.85260	32.44500	85.00000	0.00000	0.00000	0.00826	1
		5728	62.60690	32.44500	85.00000	0.00000	0.00000	0.00392	1
		5729	63.36120	32.44500	85.00000	0.00000	0.00000	0.00046	1
		5730	64.11550	32.44500	85.00000	0.00000	0.00000	-0.00228	1
		5731	64.86980	32.44500	85.00000	0.00000	0.00000	-0.00444	1
		5732	65.62410	32.44500	85.00000	0.00000	0.00000	-0.00613	1
		5733	66.37840	32.44500	85.00000	0.00000	0.00000	-0.00744	1
		5734	67.13270	32.44500	85.00000	0.00000	0.00000	-0.00843	1
		5735	67.88700	32.44500	85.00000	0.00000	0.00000	-0.00918	1
		5736	68.64130	32.44500	85.00000	0.00000	0.00000	-0.00971	1
		5737	69.39560	32.44500	85.00000	0.00000	0.00000	-0.01008	1
		5738	70.14990	32.44500	85.00000	0.00000	0.00000	-0.01032	1
		5739	70.90420	32.44500	85.00000	0.00000	0.00000	-0.01044	1
		5740	71.65850	32.44500	85.00000	0.00000	0.00000	-0.01048	1
		5741	72.41280	32.44500	85.00000	0.00000	0.00000	-0.01045	1
		5742	73.16710	32.44500	85.00000	0.00000	0.00000	-0.01036	1
		5743	73.92140	32.44500	85.00000	0.00000	0.00000	-0.01023	1
		5744	74.67570	32.44500	85.00000	0.00000	0.00000	-0.01006	1
		5745	75.43000	32.44500	85.00000	0.00000	0.00000	-0.00987	1
		5746	0.00000	33.16600	85.00000	0.00000	0.00000	-0.00962	1
		5747	0.75430	33.16600	85.00000	0.00000	0.00000	-0.00984	1
		5748	1.50860	33.16600	85.00000	0.00000	0.00000	-0.01004	1
		5749	2.26290	33.16600	85.00000	0.00000	0.00000	-0.01022	1
		5750	3.01720	33.16600	85.00000	0.00000	0.00000	-0.01037	1
		5751	3.77150	33.16600	85.00000	0.00000	0.00000	-0.01047	1
		5752	4.52580	33.16600	85.00000	0.00000	0.00000	-0.01053	1
		5753	5.28010	33.16600	85.00000	0.00000	0.00000	-0.01052	1
		5754	6.03440	33.16600	85.00000	0.00000	0.00000	-0.01043	1
		5755	6.78870	33.16600	85.00000	0.00000	0.00000	-0.01024	1
		5756	7.54300	33.16600	85.00000	0.00000	0.00000	-0.00992	1
		5757	8.29730	33.16600	85.00000	0.00000	0.00000	-0.00945	1
		5758	9.05160	33.16600	85.00000	0.00000	0.00000	-0.00879	1
		5759	9.80590	33.16600	85.00000	0.00000	0.00000	-0.00789	1
		5760	10.56020	33.16600	85.00000	0.00000	0.00000	-0.00671	1
		5761	11.31450	33.16600	85.00000	0.00000	0.00000	-0.00517	1
		5762	12.06880	33.16600	85.00000	0.00000	0.00000	-0.00319	1
		5763	12.82310	33.16600	85.00000	0.00000	0.00000	-0.00168	1
		5764	13.57740	33.16600	85.00000	0.00000	0.00000	0.00250	1
		5765	14.33170	33.16600	85.00000	0.00000	0.00000	0.00648	1
		5766	15.08600	33.16600	85.00000	0.00000	0.00000	0.01146	1
		5767	15.84030	33.16600	85.00000	0.00000	0.00000	0.01767	1
		5768	16.59460	33.16600	85.00000	0.00000	0.00000	0.02541	1
		5769	17.34890	33.16600	85.00000	0.00000	0.00000	0.03502	1
		5770	18.10320	33.16600	85.00000	0.00000	0.00000	0.04695	1
		5771	18.85750	33.16600	85.00000	0.00000	0.00000	0.06177	1
		5772	19.61180	33.16600	85.00000	0.00000	0.00000	0.08016	1
		5773	20.36610	33.16600	85.00000	0.00000	0.00000	0.10301	1
		5774	21.12040	33.16600	85.00000	0.00000	0.00000	0.13141	1
		5775	21.87470	33.16600	85.00000	0.00000	0.00000	0.16677	1
		5776	22.62900	33.16600	85.00000	0.00000	0.00000	0.21086	1
		5777	23.38330	33.16600	85.00000	0.00000	0.00000	0.26595	1
		5778	24.13760	33.16600	85.00000	0.00000	0.00000	0.33496	1
		5779	24.89190	33.16600	85.00000	0.00000	0.00000	0.42173	1
		5780	25.64620	33.16600	85.00000	0.00000	0.00000	0.53133	1
		5781	26.40050	33.16600	85.00000	0.00000	0.00000	0.67067	1
		5782	27.15480	33.16600	85.00000	0.00000	0.00000	0.84943	1
		5783	27.90910	33.16600	85.00000	0.00000	0.00000	1.08192	1
		5784	28.66340	33.16600	85.00000	0.00000	0.00000	1.39076	1
		5785	29.41770	33.16600	85.00000	0.00000	0.00000	1.81626	1
		5786	30.17200	33.16600	85.00000	0.00000	0.00000	2.44823	1
		5787	30.92630	33.16600	85.00000	0.00000	0.00000	3.81576	1
		5788	31.68060	33.16600	85.00000	0.00000	0.00000	4.75792	1
		5789	32.43490	33.16600	85.00000	0.00000	0.00000	5.29045	1
		5790	33.18920	33.16600	85.00000	0.00000	0.00000	5.69607	1
		5791	33.94350	33.16600	85.00000	0.00000	0.00000	5.99895	1
		5792	34.69780	33.16600	85.00000	0.00000	0.00000	6.22108	1
		5793	35.45210	33.16600	85.00000	0.00000	0.00000	6.38443	1
		5794	36.20640	33.16600	85.00000	0.00000	0.00000	6.50151	1
		5795	36.96070	33.16600	85.00000	0.00000	0.00000	6.58026	1
		5796	37.71500	33.16600	85.00000	0.00000	0.00000	6.62554	1
		5797	38.46930	33.16600	85.00000	0.00000	0.00000	6.63998	1
		5798	39.22360	33.16600	85.00000	0.00000	0.00000	6.62439	1
		5799	39.97790	33.16600	85.00000	0.00000	0.00000	6.57775	1
		5800	40.73220	33.16600	85.00000	0.00000	0.00000	6.49707	1
		5801	41.48650	33.16600	85.00000	0.00000	0.00000	6.37706	1
		5802	42.24080	33.16600	85.00000	0.00000	0.00000	6.20963	1
		5803	42.99510	33.16600	85.00000	0.00000	0.00000	5.99288	1
		5804	43.74940	33.16600	85.00000	0.00000	0.00000	5.67893	1
		5805	44.50370	33.16600	85.00000	0.00000	0.00000	5.26946	1
		5806	45.25800	33.16600	85.00000	0.00000	0.00000	4.70355	1
		5807	46.01230	33.16600	85.00000	0.00000	0.00000	3.86302	1
		5808	46.76660	33.16600	85.00000	0.00000	0.00000	2.41213	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		5843	73.16710	33.16600	85.00000	0.00000	0.00000	-0.01037	1
		5844	73.92140	33.16600	85.00000	0.00000	0.00000	-0.01024	1
		5845	74.67570	33.16600	85.00000	0.00000	0.00000	-0.01008	1
		5846	75.43000	33.16600	85.00000	0.00000	0.00000	-0.00989	1
		5847	0.00000	33.88700	85.00000	0.00000	0.00000	-0.00963	1
		5848	0.75430	33.88700	85.00000	0.00000	0.00000	-0.00985	1
		5849	1.50860	33.88700	85.00000	0.00000	0.00000	-0.01005	1
		5850	2.26290	33.88700	85.00000	0.00000	0.00000	-0.01023	1
		5851	3.01720	33.88700	85.00000	0.00000	0.00000	-0.01037	1
		5852	3.77150	33.88700	85.00000	0.00000	0.00000	-0.01048	1
		5853	4.52580	33.88700	85.00000	0.00000	0.00000	-0.01053	1
		5854	5.28010	33.88700	85.00000	0.00000	0.00000	-0.01051	1
		5855	6.03440	33.88700	85.00000	0.00000	0.00000	-0.01041	1
		5856	6.78870	33.88700	85.00000	0.00000	0.00000	-0.01021	1
		5857	7.54300	33.88700	85.00000	0.00000	0.00000	-0.00988	1
		5858	8.29730	33.88700	85.00000	0.00000	0.00000	-0.00940	1
		5859	9.05160	33.88700	85.00000	0.00000	0.00000	-0.00871	1
		5860	9.80590	33.88700	85.00000	0.00000	0.00000	-0.00779	1
		5861	10.56020	33.88700	85.00000	0.00000	0.00000	-0.00657	1
		5862	11.31450	33.88700	85.00000	0.00000	0.00000	-0.00498	1
		5863	12.06880	33.88700	85.00000	0.00000	0.00000	-0.00295	1
		5864	12.82310	33.88700	85.00000	0.00000	0.00000	-0.00036	1
		5865	13.57740	33.88700	85.00000	0.00000	0.00000	0.00290	1
		5866	14.33170	33.88700	85.00000	0.00000	0.00000	0.00701	1
		5867	15.08600	33.88700	85.00000	0.00000	0.00000	0.01214	1
		5868	15.84030	33.88700	85.00000	0.00000	0.00000	0.01855	1
		5869	16.59460	33.88700	85.00000	0.00000	0.00000	0.02653	1
		5870	17.34890	33.88700	85.00000	0.00000	0.00000	0.03645	1
		5871	18.10320	33.88700	85.00000	0.00000	0.00000	0.04880	1
		5872	18.85750	33.88700	85.00000	0.00000	0.00000	0.06414	1
		5873	19.61180	33.88700	85.00000	0.00000	0.00000	0.08322	1
		5874	20.36610	33.88700	85.00000	0.00000	0.00000	0.10695	1
		5875	21.12040	33.88700	85.00000	0.00000	0.00000	0.13652	1
		5876	21.87470	33.88700	85.00000	0.00000	0.00000	0.17339	1
		5877	22.62900	33.88700	85.00000	0.00000	0.00000	0.21946	1
		5878	23.38330	33.88700	85.00000	0.00000	0.00000	0.27716	1
		5879	24.13760	33.88700	85.00000	0.00000	0.00000	0.34962	1
		5880	24.89190	33.88700	85.00000	0.00000	0.00000	0.44095	1
		5881	25.64620	33.88700	85.00000	0.00000	0.00000	0.55664	1
		5882	26.40050	33.88700	85.00000	0.00000	0.00000	0.70412	1
		5883	27.15480	33.88700	85.00000	0.00000	0.00000	0.89384	1
		5884	27.90910	33.88700	85.00000	0.00000	0.00000	1.14117	1
		5885	28.66340	33.88700	85.00000	0.00000	0.00000	1.47034	1
		5886	29.41770	33.88700	85.00000	0.00000	0.00000	1.92454	1
		5887	30.17200	33.88700	85.00000	0.00000	0.00000	2.62026	1
		5888	30.92630	33.88700	85.00000	0.00000	0.00000	4.04565	1
		5889	31.68060	33.88700	85.00000	0.00000	0.00000	4.93208	1
		5890	32.43490	33.88700	85.00000	0.00000	0.00000	5.44856	1
		5891	33.18920	33.88700	85.00000	0.00000	0.00000	5.86370	1
		5892	33.94350	33.88700	85.00000	0.00000	0.00000	6.16321	1
		5893	34.69780	33.88700	85.00000	0.00000	0.00000	6.38324	1
		5894	35.45210	33.88700	85.00000	0.00000	0.00000	6.54510	1
		5895	36.20640	33.88700	85.00000	0.00000	0.00000	6.66085	1
		5896	36.96070	33.88700	85.00000	0.00000	0.00000	6.73808	1
		5897	37.71500	33.88700	85.00000	0.00000	0.00000	6.78150	1
		5898	38.46930	33.88700	85.00000	0.00000	0.00000	6.79366	1
		5899	39.22360	33.88700	85.00000	0.00000	0.00000	6.77527	1
		5900	39.97790	33.88700	85.00000	0.00000	0.00000	6.72534	1
		5901	40.73220	33.88700	85.00000	0.00000	0.00000	6.64103	1
		5902	41.48650	33.88700	85.00000	0.00000	0.00000	6.51736	1
		5903	42.24080	33.88700	85.00000	0.00000	0.00000	6.34671	1
		5904	42.99510	33.88700	85.00000	0.00000	0.00000	6.11779	1
		5905	43.74940	33.88700	85.00000	0.00000	0.00000	5.81357	1
		5906	44.50370	33.88700	85.00000	0.00000	0.00000	5.40662	1
		5907	45.25800	33.88700	85.00000	0.00000	0.00000	4.84534	1
		5908	46.01230	33.88700	85.00000	0.00000	0.00000	3.98555	1
		5909	46.76660	33.88700	85.00000	0.00000	0.00000	2.50946	1
		5910	47.52090	33.88700	85.00000	0.00000	0.00000	1.81908	1
		5911	48.27520	33.88700	85.00000	0.00000	0.00000	1.37338	1
		5912	49.02950	33.88700	85.00000	0.00000	0.00000	1.05717	1
		5913	49.78380	33.88700	85.00000	0.00000	0.00000	0.82281	1
		5914	50.53810	33.88700	85.00000	0.00000	0.00000	0.64478	1
		5915	51.29240	33.88700	85.00000	0.00000	0.00000	0.50741	1
		5916	52.04670	33.88700	85.00000	0.00000	0.00000	0.40030	1
		5917	52.80100	33.88700	85.00000	0.00000	0.00000	0.31615	1
		5918	53.55530	33.88700	85.00000	0.00000	0.00000	0.24966	1
		5919	54.30960	33.88700	85.00000	0.00000	0.00000	0.19692	1
		5920	55.06390	33.88700	85.00000	0.00000	0.00000	0.15493	1
		5921	55.81820	33.88700	85.00000	0.00000	0.00000	0.12142	1
		5922	56.57250	33.88700	85.00000	0.00000	0.00000	0.09462	1
		5923	57.32680	33.88700	85.00000	0.00000	0.00000	0.07315	1
		5924	58.08110	33.88700	85.00000	0.00000	0.00000	0.05593	1
		5925	58.83540	33.88700	85.00000	0.00000	0.00000	0.04212	1
		5926	59.58970	33.88700	85.00000	0.00000	0.00000	0.03103	1
		5927	60.34400	33.88700	85.00000	0.00000	0.00000	0.02213	1
		5928	61.09830	33.88700	85.00000	0.00000	0.00000	0.01499	1
		5929	61.85260	33.88700	85.00000	0.00000	0.00000	0.00927	1
		5930	62.60690	33.88700	85.00000	0.00000	0.00000	0.00471	1
		5931	63.36120	33.88700	85.00000	0.00000	0.00000	0.00107	1
		5932	64.11550	33.88700	85.00000	0.00000	0.00000	-0.00182	1
		5933	64.86980	33.88700	85.00000	0.00000	0.00000	-0.00409	1
		5934	65.62410	33.88700	85.00000	0.00000	0.00000	-0.00587	1
		5935	66.37840	33.88700	85.00000	0.00000	0.00000	-0.00724	1
		5936	67.13270	33.88700	85.00000	0.00000	0.00000	-0.00829	1
		5937	67.88700	33.88700	85.00000	0.00000	0.00000	-0.00908	1
		5938	68.64130	33.88700	85.00000	0.00000	0.00000	-0.00965	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
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Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		5973	18.85750	34.60800	85.00000	0.00000	0.00000	0.06599	1
		5974	19.61180	34.60800	85.00000	0.00000	0.00000	0.08561	1
		5975	20.36610	34.60800	85.00000	0.00000	0.00000	0.11004	1
		5976	21.12040	34.60800	85.00000	0.00000	0.00000	0.14052	1
		5977	21.87470	34.60800	85.00000	0.00000	0.00000	0.17859	1
		5978	22.62900	34.60800	85.00000	0.00000	0.00000	0.22624	1
		5979	23.38330	34.60800	85.00000	0.00000	0.00000	0.28601	1
		5980	24.13760	34.60800	85.00000	0.00000	0.00000	0.36122	1
		5981	24.89190	34.60800	85.00000	0.00000	0.00000	0.45623	1
		5982	25.64620	34.60800	85.00000	0.00000	0.00000	0.57682	1
		5983	26.40050	34.60800	85.00000	0.00000	0.00000	0.73090	1
		5984	27.15480	34.60800	85.00000	0.00000	0.00000	0.92953	1
		5985	27.90910	34.60800	85.00000	0.00000	0.00000	1.18898	1
		5986	28.66340	34.60800	85.00000	0.00000	0.00000	1.53494	1
		5987	29.41770	34.60800	85.00000	0.00000	0.00000	2.01346	1
		5988	30.17200	34.60800	85.00000	0.00000	0.00000	2.73263	1
		5989	30.92630	34.60800	85.00000	0.00000	0.00000	4.21895	1
		5990	31.68060	34.60800	85.00000	0.00000	0.00000	5.06248	1
		5991	32.43490	34.60800	85.00000	0.00000	0.00000	5.55042	1
		5992	33.18920	34.60800	85.00000	0.00000	0.00000	5.98305	1
		5993	33.94350	34.60800	85.00000	0.00000	0.00000	6.27913	1
		5994	34.69780	34.60800	85.00000	0.00000	0.00000	6.49715	1
		5995	35.45210	34.60800	85.00000	0.00000	0.00000	6.65746	1
		5996	36.20640	34.60800	85.00000	0.00000	0.00000	6.77176	1
		5997	36.96070	34.60800	85.00000	0.00000	0.00000	6.84740	1
		5998	37.71500	34.60800	85.00000	0.00000	0.00000	6.88895	1
		5999	38.46930	34.60800	85.00000	0.00000	0.00000	6.89885	1
		6000	39.22360	34.60800	85.00000	0.00000	0.00000	6.87780	1
		6001	39.97790	34.60800	85.00000	0.00000	0.00000	6.82480	1
		6002	40.73220	34.60800	85.00000	0.00000	0.00000	6.73710	1
		6003	41.48650	34.60800	85.00000	0.00000	0.00000	6.60990	1
		6004	42.24080	34.60800	85.00000	0.00000	0.00000	6.43575	1
		6005	42.99510	34.60800	85.00000	0.00000	0.00000	6.20346	1
		6006	43.74940	34.60800	85.00000	0.00000	0.00000	5.89574	1
		6007	44.50370	34.60800	85.00000	0.00000	0.00000	5.48371	1
		6008	45.25800	34.60800	85.00000	0.00000	0.00000	4.90982	1
		6009	46.01230	34.60800	85.00000	0.00000	0.00000	3.99812	1
		6010	46.76660	34.60800	85.00000	0.00000	0.00000	2.53812	1
		6011	47.52090	34.60800	85.00000	0.00000	0.00000	1.85627	1
		6012	48.27520	34.60800	85.00000	0.00000	0.00000	1.40513	1
		6013	49.02950	34.60800	85.00000	0.00000	0.00000	1.08218	1
		6014	49.78380	34.60800	85.00000	0.00000	0.00000	0.84205	1
		6015	50.53810	34.60800	85.00000	0.00000	0.00000	0.65947	1
		6016	51.29240	34.60800	85.00000	0.00000	0.00000	0.51861	1
		6017	52.04670	34.60800	85.00000	0.00000	0.00000	0.40884	1
		6018	52.80100	34.60800	85.00000	0.00000	0.00000	0.32268	1
		6019	53.55530	34.60800	85.00000	0.00000	0.00000	0.25467	1
		6020	54.30960	34.60800	85.00000	0.00000	0.00000	0.20076	1
		6021	55.06390	34.60800	85.00000	0.00000	0.00000	0.15789	1
		6022	55.81820	34.60800	85.00000	0.00000	0.00000	0.12370	1
		6023	56.57250	34.60800	85.00000	0.00000	0.00000	0.09638	1
		6024	57.32680	34.60800	85.00000	0.00000	0.00000	0.07452	1
		6025	58.08110	34.60800	85.00000	0.00000	0.00000	0.05699	1
		6026	58.83540	34.60800	85.00000	0.00000	0.00000	0.04294	1
		6027	59.58970	34.60800	85.00000	0.00000	0.00000	0.03167	1
		6028	60.34400	34.60800	85.00000	0.00000	0.00000	0.02262	1
		6029	61.09830	34.60800	85.00000	0.00000	0.00000	0.01537	1
		6030	61.85260	34.60800	85.00000	0.00000	0.00000	0.00957	1
		6031	62.60690	34.60800	85.00000	0.00000	0.00000	0.00493	1
		6032	63.36120	34.60800	85.00000	0.00000	0.00000	0.00124	1
		6033	64.11550	34.60800	85.00000	0.00000	0.00000	-0.00168	1
		6034	64.86980	34.60800	85.00000	0.00000	0.00000	-0.00399	1
		6035	65.62410	34.60800	85.00000	0.00000	0.00000	-0.00579	1
		6036	66.37840	34.60800	85.00000	0.00000	0.00000	-0.00719	1
		6037	67.13270	34.60800	85.00000	0.00000	0.00000	-0.00825	1
		6038	67.88700	34.60800	85.00000	0.00000	0.00000	-0.00905	1
		6039	68.64130	34.60800	85.00000	0.00000	0.00000	-0.00963	1
		6040	69.39560	34.60800	85.00000	0.00000	0.00000	-0.01003	1
		6041	70.14990	34.60800	85.00000	0.00000	0.00000	-0.01029	1
		6042	70.90420	34.60800	85.00000	0.00000	0.00000	-0.01044	1
		6043	71.65850	34.60800	85.00000	0.00000	0.00000	-0.01049	1
		6044	72.41280	34.60800	85.00000	0.00000	0.00000	-0.01047	1
		6045	73.16710	34.60800	85.00000	0.00000	0.00000	-0.01039	1
		6046	73.92140	34.60800	85.00000	0.00000	0.00000	-0.01026	1
		6047	74.67570	34.60800	85.00000	0.00000	0.00000	-0.01010	1
		6048	75.43000	34.60800	85.00000	0.00000	0.00000	-0.00991	1
		6049	0.00000	35.32900	85.00000	0.00000	0.00000	-0.00965	1
		6050	0.75430	35.32900	85.00000	0.00000	0.00000	-0.00987	1
		6051	1.50860	35.32900	85.00000	0.00000	0.00000	-0.01007	1
		6052	2.26290	35.32900	85.00000	0.00000	0.00000	-0.01024	1
		6053	3.01720	35.32900	85.00000	0.00000	0.00000	-0.01038	1
		6054	3.77150	35.32900	85.00000	0.00000	0.00000	-0.01048	1
		6055	4.52580	35.32900	85.00000	0.00000	0.00000	-0.01053	1
		6056	5.28010	35.32900	85.00000	0.00000	0.00000	-0.01050	1
		6057	6.03440	35.32900	85.00000	0.00000	0.00000	-0.01039	1
		6058	6.78870	35.32900	85.00000	0.00000	0.00000	-0.01018	1
		6059	7.54300	35.32900	85.00000	0.00000	0.00000	-0.00983	1
		6060	8.29730	35.32900	85.00000	0.00000	0.00000	-0.00932	1
		6061	9.05160	35.32900	85.00000	0.00000	0.00000	-0.00861	1
		6062	9.80590	35.32900	85.00000	0.00000	0.00000	-0.00765	1
		6063	10.56020	35.32900	85.00000	0.00000	0.00000	-0.00638	1
		6064	11.31450	35.32900	85.00000	0.00000	0.00000	-0.00474	1
		6065	12.06880	35.32900	85.00000	0.00000	0.00000	-0.00263	1
		6066	12.82310	35.32900	85.00000	0.00000	0.00000	0.00005	1
		6067	13.57740	35.32900	85.00000	0.00000	0.00000	0.00344	1
		6068	14.33170	35.32900	85.00000	0.00000	0.00000	0.00770	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		6103	40.73220	35.32900	85.00000	0.00000	0.00000	6.79093	1
		6104	41.48650	35.32900	85.00000	0.00000	0.00000	6.66003	1
		6105	42.24080	35.32900	85.00000	0.00000	0.00000	6.48195	1
		6106	42.99510	35.32900	85.00000	0.00000	0.00000	6.24533	1
		6107	43.74940	35.32900	85.00000	0.00000	0.00000	5.93217	1
		6108	44.50370	35.32900	85.00000	0.00000	0.00000	5.51145	1
		6109	45.25800	35.32900	85.00000	0.00000	0.00000	4.91930	1
		6110	46.01230	35.32900	85.00000	0.00000	0.00000	3.93559	1
		6111	46.76660	35.32900	85.00000	0.00000	0.00000	2.52516	1
		6112	47.52090	35.32900	85.00000	0.00000	0.00000	1.86193	1
		6113	48.27520	35.32900	85.00000	0.00000	0.00000	1.41465	1
		6114	49.02950	35.32900	85.00000	0.00000	0.00000	1.09142	1
		6115	49.78380	35.32900	85.00000	0.00000	0.00000	0.84992	1
		6116	50.53810	35.32900	85.00000	0.00000	0.00000	0.66583	1
		6117	51.29240	35.32900	85.00000	0.00000	0.00000	0.52365	1
		6118	52.04670	35.32900	85.00000	0.00000	0.00000	0.41278	1
		6119	52.80100	35.32900	85.00000	0.00000	0.00000	0.32575	1
		6120	53.55530	35.32900	85.00000	0.00000	0.00000	0.25705	1
		6121	54.30960	35.32900	85.00000	0.00000	0.00000	0.20261	1
		6122	55.06390	35.32900	85.00000	0.00000	0.00000	0.15933	1
		6123	55.81820	35.32900	85.00000	0.00000	0.00000	0.12482	1
		6124	56.57250	35.32900	85.00000	0.00000	0.00000	0.09725	1
		6125	57.32680	35.32900	85.00000	0.00000	0.00000	0.07519	1
		6126	58.08110	35.32900	85.00000	0.00000	0.00000	0.05752	1
		6127	58.83540	35.32900	85.00000	0.00000	0.00000	0.04335	1
		6128	59.58970	35.32900	85.00000	0.00000	0.00000	0.03198	1
		6129	60.34400	35.32900	85.00000	0.00000	0.00000	0.02287	1
		6130	61.09830	35.32900	85.00000	0.00000	0.00000	0.01556	1
		6131	61.85260	35.32900	85.00000	0.00000	0.00000	0.00972	1
		6132	62.60690	35.32900	85.00000	0.00000	0.00000	0.00505	1
		6133	63.36120	35.32900	85.00000	0.00000	0.00000	0.00133	1
		6134	64.11550	35.32900	85.00000	0.00000	0.00000	-0.00162	1
		6135	64.86980	35.32900	85.00000	0.00000	0.00000	-0.00394	1
		6136	65.62410	35.32900	85.00000	0.00000	0.00000	-0.00576	1
		6137	66.37840	35.32900	85.00000	0.00000	0.00000	-0.00716	1
		6138	67.13270	35.32900	85.00000	0.00000	0.00000	-0.00824	1
		6139	67.88700	35.32900	85.00000	0.00000	0.00000	-0.00904	1
		6140	68.64130	35.32900	85.00000	0.00000	0.00000	-0.00962	1
		6141	69.39560	35.32900	85.00000	0.00000	0.00000	-0.01003	1
		6142	70.14990	35.32900	85.00000	0.00000	0.00000	-0.01029	1
		6143	70.90420	35.32900	85.00000	0.00000	0.00000	-0.01044	1
		6144	71.65850	35.32900	85.00000	0.00000	0.00000	-0.01049	1
		6145	72.41280	35.32900	85.00000	0.00000	0.00000	-0.01047	1
		6146	73.16710	35.32900	85.00000	0.00000	0.00000	-0.01040	1
		6147	73.92140	35.32900	85.00000	0.00000	0.00000	-0.01027	1
		6148	74.67570	35.32900	85.00000	0.00000	0.00000	-0.01011	1
		6149	75.43000	35.32900	85.00000	0.00000	0.00000	-0.00992	1
		6150	0.00000	36.05000	85.00000	0.00000	0.00000	-0.00966	1
		6151	0.75430	36.05000	85.00000	0.00000	0.00000	-0.00987	1
		6152	1.50860	36.05000	85.00000	0.00000	0.00000	-0.01007	1
		6153	2.26290	36.05000	85.00000	0.00000	0.00000	-0.01024	1
		6154	3.01720	36.05000	85.00000	0.00000	0.00000	-0.01038	1
		6155	3.77150	36.05000	85.00000	0.00000	0.00000	-0.01048	1
		6156	4.52580	36.05000	85.00000	0.00000	0.00000	-0.01052	1
		6157	5.28010	36.05000	85.00000	0.00000	0.00000	-0.01050	1
		6158	6.03440	36.05000	85.00000	0.00000	0.00000	-0.01039	1
		6159	6.78870	36.05000	85.00000	0.00000	0.00000	-0.01017	1
		6160	7.54300	36.05000	85.00000	0.00000	0.00000	-0.00982	1
		6161	8.29730	36.05000	85.00000	0.00000	0.00000	-0.00930	1
		6162	9.05160	36.05000	85.00000	0.00000	0.00000	-0.00858	1
		6163	9.80590	36.05000	85.00000	0.00000	0.00000	-0.00762	1
		6164	10.56020	36.05000	85.00000	0.00000	0.00000	-0.00634	1
		6165	11.31450	36.05000	85.00000	0.00000	0.00000	-0.00468	1
		6166	12.06880	36.05000	85.00000	0.00000	0.00000	-0.00256	1
		6167	12.82310	36.05000	85.00000	0.00000	0.00000	0.00014	1
		6168	13.57740	36.05000	85.00000	0.00000	0.00000	0.00356	1
		6169	14.33170	36.05000	85.00000	0.00000	0.00000	0.00785	1
		6170	15.08600	36.05000	85.00000	0.00000	0.00000	0.01322	1
		6171	15.84030	36.05000	85.00000	0.00000	0.00000	0.01994	1
		6172	16.59460	36.05000	85.00000	0.00000	0.00000	0.02832	1
		6173	17.34890	36.05000	85.00000	0.00000	0.00000	0.03876	1
		6174	18.10320	36.05000	85.00000	0.00000	0.00000	0.05176	1
		6175	18.85750	36.05000	85.00000	0.00000	0.00000	0.06796	1
		6176	19.61180	36.05000	85.00000	0.00000	0.00000	0.08816	1
		6177	20.36610	36.05000	85.00000	0.00000	0.00000	0.11335	1
		6178	21.12040	36.05000	85.00000	0.00000	0.00000	0.14483	1
		6179	21.87470	36.05000	85.00000	0.00000	0.00000	0.18421	1
		6180	22.62900	36.05000	85.00000	0.00000	0.00000	0.23360	1
		6181	23.38330	36.05000	85.00000	0.00000	0.00000	0.29569	1
		6182	24.13760	36.05000	85.00000	0.00000	0.00000	0.37403	1
		6183	24.89190	36.05000	85.00000	0.00000	0.00000	0.47327	1
		6184	25.64620	36.05000	85.00000	0.00000	0.00000	0.59655	1
		6185	26.40050	36.05000	85.00000	0.00000	0.00000	0.76173	1
		6186	27.15480	36.05000	85.00000	0.00000	0.00000	0.97160	1
		6187	27.90910	36.05000	85.00000	0.00000	0.00000	1.24719	1
		6188	28.66340	36.05000	85.00000	0.00000	0.00000	1.61717	1
		6189	29.41770	36.05000	85.00000	0.00000	0.00000	2.13437	1
		6190	30.17200	36.05000	85.00000	0.00000	0.00000	2.93242	1
		6191	30.92630	36.05000	85.00000	0.00000	0.00000	4.44510	1
		6192	31.68060	36.05000	85.00000	0.00000	0.00000	5.21435	1
		6193	32.43490	36.05000	85.00000	0.00000	0.00000	5.66814	1
		6194	33.18920	36.05000	85.00000	0.00000	0.00000	6.10387	1
		6195	33.94350	36.05000	85.00000	0.00000	0.00000	6.39159	1
		6196	34.69780	36.05000	85.00000	0.00000	0.00000	6.60470	1
		6197	35.45210	36.05000	85.00000	0.00000	0.00000	6.76131	1
		6198	36.20640	36.05000	85.00000	0.00000	0.00000	6.87220	1
		6199	36.96070	36.05000					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		6233	62.60690	36.05000	85.00000	0.00000	0.00000	0.00504	1
		6234	63.36120	36.05000	85.00000	0.00000	0.00000	0.00133	1
		6235	64.11550	36.05000	85.00000	0.00000	0.00000	-0.00162	1
		6236	64.86980	36.05000	85.00000	0.00000	0.00000	-0.00394	1
		6237	65.62410	36.05000	85.00000	0.00000	0.00000	-0.00576	1
		6238	66.37840	36.05000	85.00000	0.00000	0.00000	-0.00717	1
		6239	67.13270	36.05000	85.00000	0.00000	0.00000	-0.00824	1
		6240	67.88700	36.05000	85.00000	0.00000	0.00000	-0.00904	1
		6241	68.64130	36.05000	85.00000	0.00000	0.00000	-0.00963	1
		6242	69.39560	36.05000	85.00000	0.00000	0.00000	-0.01003	1
		6243	70.14990	36.05000	85.00000	0.00000	0.00000	-0.01030	1
		6244	70.90420	36.05000	85.00000	0.00000	0.00000	-0.01044	1
		6245	71.65850	36.05000	85.00000	0.00000	0.00000	-0.01050	1
		6246	72.41280	36.05000	85.00000	0.00000	0.00000	-0.01048	1
		6247	73.16710	36.05000	85.00000	0.00000	0.00000	-0.01040	1
		6248	73.92140	36.05000	85.00000	0.00000	0.00000	-0.01027	1
		6249	74.67570	36.05000	85.00000	0.00000	0.00000	-0.01011	1
		6250	75.43000	36.05000	85.00000	0.00000	0.00000	-0.00992	1
		6251	0.00000	36.77100	85.00000	0.00000	0.00000	-0.00965	1
		6252	0.75430	36.77100	85.00000	0.00000	0.00000	-0.00987	1
		6253	1.50860	36.77100	85.00000	0.00000	0.00000	-0.01007	1
		6254	2.26290	36.77100	85.00000	0.00000	0.00000	-0.01024	1
		6255	3.01720	36.77100	85.00000	0.00000	0.00000	-0.01038	1
		6256	3.77150	36.77100	85.00000	0.00000	0.00000	-0.01048	1
		6257	4.52580	36.77100	85.00000	0.00000	0.00000	-0.01052	1
		6258	5.28010	36.77100	85.00000	0.00000	0.00000	-0.01050	1
		6259	6.03440	36.77100	85.00000	0.00000	0.00000	-0.01038	1
		6260	6.78870	36.77100	85.00000	0.00000	0.00000	-0.01017	1
		6261	7.54300	36.77100	85.00000	0.00000	0.00000	-0.00981	1
		6262	8.29730	36.77100	85.00000	0.00000	0.00000	-0.00930	1
		6263	9.05160	36.77100	85.00000	0.00000	0.00000	-0.00858	1
		6264	9.80590	36.77100	85.00000	0.00000	0.00000	-0.00761	1
		6265	10.56020	36.77100	85.00000	0.00000	0.00000	-0.00633	1
		6266	11.31450	36.77100	85.00000	0.00000	0.00000	-0.00468	1
		6267	12.06880	36.77100	85.00000	0.00000	0.00000	-0.00255	1
		6268	12.82310	36.77100	85.00000	0.00000	0.00000	-0.00015	1
		6269	13.57740	36.77100	85.00000	0.00000	0.00000	0.00357	1
		6270	14.33170	36.77100	85.00000	0.00000	0.00000	0.00786	1
		6271	15.08600	36.77100	85.00000	0.00000	0.00000	0.01324	1
		6272	15.84030	36.77100	85.00000	0.00000	0.00000	0.01996	1
		6273	16.59460	36.77100	85.00000	0.00000	0.00000	0.02835	1
		6274	17.34890	36.77100	85.00000	0.00000	0.00000	0.03880	1
		6275	18.10320	36.77100	85.00000	0.00000	0.00000	0.05181	1
		6276	18.85750	36.77100	85.00000	0.00000	0.00000	0.06803	1
		6277	19.61180	36.77100	85.00000	0.00000	0.00000	0.08825	1
		6278	20.36610	36.77100	85.00000	0.00000	0.00000	0.11348	1
		6279	21.12040	36.77100	85.00000	0.00000	0.00000	0.14500	1
		6280	21.87470	36.77100	85.00000	0.00000	0.00000	0.18445	1
		6281	22.62900	36.77100	85.00000	0.00000	0.00000	0.23395	1
		6282	23.38330	36.77100	85.00000	0.00000	0.00000	0.29620	1
		6283	24.13760	36.77100	85.00000	0.00000	0.00000	0.37479	1
		6284	24.89190	36.77100	85.00000	0.00000	0.00000	0.47442	1
		6285	25.64620	36.77100	85.00000	0.00000	0.00000	0.60145	1
		6286	26.40050	36.77100	85.00000	0.00000	0.00000	0.76464	1
		6287	27.15480	36.77100	85.00000	0.00000	0.00000	0.97649	1
		6288	27.90910	36.77100	85.00000	0.00000	0.00000	1.25571	1
		6289	28.66340	36.77100	85.00000	0.00000	0.00000	1.63265	1
		6290	29.41770	36.77100	85.00000	0.00000	0.00000	2.16441	1
		6291	30.17200	36.77100	85.00000	0.00000	0.00000	3.00204	1
		6292	30.92630	36.77100	85.00000	0.00000	0.00000	4.50340	1
		6293	31.68060	36.77100	85.00000	0.00000	0.00000	5.23777	1
		6294	32.43490	36.77100	85.00000	0.00000	0.00000	5.70287	1
		6295	33.18920	36.77100	85.00000	0.00000	0.00000	6.11001	1
		6296	33.94350	36.77100	85.00000	0.00000	0.00000	6.39339	1
		6297	34.69780	36.77100	85.00000	0.00000	0.00000	6.60391	1
		6298	35.45210	36.77100	85.00000	0.00000	0.00000	6.75851	1
		6299	36.20640	36.77100	85.00000	0.00000	0.00000	6.86748	1
		6300	36.96070	36.77100	85.00000	0.00000	0.00000	6.93742	1
		6301	37.71500	36.77100	85.00000	0.00000	0.00000	6.97245	1
		6302	38.46930	36.77100	85.00000	0.00000	0.00000	6.97474	1
		6303	39.22360	36.77100	85.00000	0.00000	0.00000	6.94478	1
		6304	39.97790	36.77100	85.00000	0.00000	0.00000	6.88150	1
		6305	40.73220	36.77100	85.00000	0.00000	0.00000	6.78220	1
		6306	41.48650	36.77100	85.00000	0.00000	0.00000	6.64227	1
		6307	42.24080	36.77100	85.00000	0.00000	0.00000	6.45446	1
		6308	42.99510	36.77100	85.00000	0.00000	0.00000	6.20721	1
		6309	43.74940	36.77100	85.00000	0.00000	0.00000	5.88118	1
		6310	44.50370	36.77100	85.00000	0.00000	0.00000	5.44106	1
		6311	45.25800	36.77100	85.00000	0.00000	0.00000	4.80979	1
		6312	46.01230	36.77100	85.00000	0.00000	0.00000	3.57682	1
		6313	46.76660	36.77100	85.00000	0.00000	0.00000	2.41264	1
		6314	47.52090	36.77100	85.00000	0.00000	0.00000	1.79949	1
		6315	48.27520	36.77100	85.00000	0.00000	0.00000	1.37619	1
		6316	49.02950	36.77100	85.00000	0.00000	0.00000	1.06639	1
		6317	49.78380	36.77100	85.00000	0.00000	0.00000	0.83300	1
		6318	50.53810	36.77100	85.00000	0.00000	0.00000	0.65409	1
		6319	51.29240	36.77100	85.00000	0.00000	0.00000	0.51532	1
		6320	52.04670	36.77100	85.00000	0.00000	0.00000	0.40679	1
		6321	52.80100	36.77100	85.00000	0.00000	0.00000	0.32137	1
		6322	53.55530	36.77100	85.00000	0.00000	0.00000	0.25383	1
		6323	54.30960	36.77100	85.00000	0.00000	0.00000	0.20022	1
		6324	55.06390	36.77100	85.00000	0.00000	0.00000	0.15754	1
		6325	55.81820	36.77100	85.00000	0.00000	0.00000	0.12347	1
		6326	56.57250	36.77100	85.00000	0.00000	0.00000	0.09623	1
		6327	57.32680	36.77100	85.00000	0.00000	0.00000	0.07442	1
		6328	58.08110	36.77100	85.00000	0.00000	0.00000	0.05693	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		6363	8.29730	37.49200	85.00000	0.00000	0.00000	-0.00931	1
		6364	9.05160	37.49200	85.00000	0.00000	0.00000	-0.00860	1
		6365	9.80590	37.49200	85.00000	0.00000	0.00000	-0.00763	1
		6366	10.56020	37.49200	85.00000	0.00000	0.00000	-0.00636	1
		6367	11.31450	37.49200	85.00000	0.00000	0.00000	-0.00472	1
		6368	12.06880	37.49200	85.00000	0.00000	0.00000	-0.00260	1
		6369	12.82310	37.49200	85.00000	0.00000	0.00000	0.00008	1
		6370	13.57740	37.49200	85.00000	0.00000	0.00000	0.00348	1
		6371	14.33170	37.49200	85.00000	0.00000	0.00000	0.00774	1
		6372	15.08600	37.49200	85.00000	0.00000	0.00000	0.01308	1
		6373	15.84030	37.49200	85.00000	0.00000	0.00000	0.01976	1
		6374	16.59460	37.49200	85.00000	0.00000	0.00000	0.02809	1
		6375	17.34890	37.49200	85.00000	0.00000	0.00000	0.03846	1
		6376	18.10320	37.49200	85.00000	0.00000	0.00000	0.05139	1
		6377	18.85750	37.49200	85.00000	0.00000	0.00000	0.06748	1
		6378	19.61180	37.49200	85.00000	0.00000	0.00000	0.08754	1
		6379	20.36610	37.49200	85.00000	0.00000	0.00000	0.11257	1
		6380	21.12040	37.49200	85.00000	0.00000	0.00000	0.14383	1
		6381	21.87470	37.49200	85.00000	0.00000	0.00000	0.18295	1
		6382	22.62900	37.49200	85.00000	0.00000	0.00000	0.23202	1
		6383	23.38330	37.49200	85.00000	0.00000	0.00000	0.29373	1
		6384	24.13760	37.49200	85.00000	0.00000	0.00000	0.37163	1
		6385	24.89190	37.49200	85.00000	0.00000	0.00000	0.47042	1
		6386	25.64620	37.49200	85.00000	0.00000	0.00000	0.59646	1
		6387	26.40050	37.49200	85.00000	0.00000	0.00000	0.75859	1
		6388	27.15480	37.49200	85.00000	0.00000	0.00000	0.96955	1
		6389	27.90910	37.49200	85.00000	0.00000	0.00000	1.24875	1
		6390	28.66340	37.49200	85.00000	0.00000	0.00000	1.62833	1
		6391	29.41770	37.49200	85.00000	0.00000	0.00000	2.17038	1
		6392	30.17200	37.49200	85.00000	0.00000	0.00000	3.04971	1
		6393	30.92630	37.49200	85.00000	0.00000	0.00000	4.52137	1
		6394	31.68060	37.49200	85.00000	0.00000	0.00000	5.22199	1
		6395	32.43490	37.49200	85.00000	0.00000	0.00000	5.69047	1
		6396	33.18920	37.49200	85.00000	0.00000	0.00000	6.07865	1
		6397	33.94350	37.49200	85.00000	0.00000	0.00000	6.35855	1
		6398	34.69780	37.49200	85.00000	0.00000	0.00000	6.56696	1
		6399	35.45210	37.49200	85.00000	0.00000	0.00000	6.71971	1
		6400	36.20640	37.49200	85.00000	0.00000	0.00000	6.82670	1
		6401	36.96070	37.49200	85.00000	0.00000	0.00000	6.89439	1
		6402	37.71500	37.49200	85.00000	0.00000	0.00000	6.92679	1
		6403	38.46930	37.49200	85.00000	0.00000	0.00000	6.92595	1
		6404	39.22360	37.49200	85.00000	0.00000	0.00000	6.89222	1
		6405	39.97790	37.49200	85.00000	0.00000	0.00000	6.82438	1
		6406	40.73220	37.49200	85.00000	0.00000	0.00000	6.71962	1
		6407	41.48650	37.49200	85.00000	0.00000	0.00000	6.57344	1
		6408	42.24080	37.49200	85.00000	0.00000	0.00000	6.37895	1
		6409	42.99510	37.49200	85.00000	0.00000	0.00000	6.12507	1
		6410	43.74940	37.49200	85.00000	0.00000	0.00000	5.79245	1
		6411	44.50370	37.49200	85.00000	0.00000	0.00000	5.34393	1
		6412	45.25800	37.49200	85.00000	0.00000	0.00000	4.69477	1
		6413	46.01230	37.49200	85.00000	0.00000	0.00000	3.41195	1
		6414	46.76660	37.49200	85.00000	0.00000	0.00000	2.31957	1
		6415	47.52090	37.49200	85.00000	0.00000	0.00000	1.73663	1
		6416	48.27520	37.49200	85.00000	0.00000	0.00000	1.33164	1
		6417	49.02950	37.49200	85.00000	0.00000	0.00000	1.03422	1
		6418	49.78380	37.49200	85.00000	0.00000	0.00000	0.80950	1
		6419	50.53810	37.49200	85.00000	0.00000	0.00000	0.63677	1
		6420	51.29240	37.49200	85.00000	0.00000	0.00000	0.50247	1
		6421	52.04670	37.49200	85.00000	0.00000	0.00000	0.39719	1
		6422	52.80100	37.49200	85.00000	0.00000	0.00000	0.31416	1
		6423	53.55530	37.49200	85.00000	0.00000	0.00000	0.24838	1
		6424	54.30960	37.49200	85.00000	0.00000	0.00000	0.19609	1
		6425	55.06390	37.49200	85.00000	0.00000	0.00000	0.15439	1
		6426	55.81820	37.49200	85.00000	0.00000	0.00000	0.12106	1
		6427	56.57250	37.49200	85.00000	0.00000	0.00000	0.09438	1
		6428	57.32680	37.49200	85.00000	0.00000	0.00000	0.07299	1
		6429	58.08110	37.49200	85.00000	0.00000	0.00000	0.05583	1
		6430	58.83540	37.49200	85.00000	0.00000	0.00000	0.04205	1
		6431	59.58970	37.49200	85.00000	0.00000	0.00000	0.03097	1
		6432	60.34400	37.49200	85.00000	0.00000	0.00000	0.02209	1
		6433	61.09830	37.49200	85.00000	0.00000	0.00000	0.01496	1
		6434	61.85260	37.49200	85.00000	0.00000	0.00000	0.00924	1
		6435	62.60690	37.49200	85.00000	0.00000	0.00000	0.00468	1
		6436	63.36120	37.49200	85.00000	0.00000	0.00000	0.00104	1
		6437	64.11550	37.49200	85.00000	0.00000	0.00000	-0.00184	1
		6438	64.86980	37.49200	85.00000	0.00000	0.00000	-0.00411	1
		6439	65.62410	37.49200	85.00000	0.00000	0.00000	-0.00589	1
		6440	66.37840	37.49200	85.00000	0.00000	0.00000	-0.00727	1
		6441	67.13270	37.49200	85.00000	0.00000	0.00000	-0.00832	1
		6442	67.88700	37.49200	85.00000	0.00000	0.00000	-0.00910	1
		6443	68.64130	37.49200	85.00000	0.00000	0.00000	-0.00967	1
		6444	69.39560	37.49200	85.00000	0.00000	0.00000	-0.01006	1
		6445	70.14990	37.49200	85.00000	0.00000	0.00000	-0.01032	1
		6446	70.90420	37.49200	85.00000	0.00000	0.00000	-0.01046	1
		6447	71.65850	37.49200	85.00000	0.00000	0.00000	-0.01051	1
		6448	72.41280	37.49200	85.00000	0.00000	0.00000	-0.01048	1
		6449	73.16710	37.49200	85.00000	0.00000	0.00000	-0.01040	1
		6450	73.92140	37.49200	85.00000	0.00000	0.00000	-0.01027	1
		6451	74.67570	37.49200	85.00000	0.00000	0.00000	-0.01011	1
		6452	75.43000	37.49200	85.00000	0.00000	0.00000	-0.00992	1
		6453	0.00000	38.21300	85.00000	0.00000	0.00000	-0.00964	1
		6454	0.75430	38.21300	85.00000	0.00000	0.00000	-0.00986	1
		6455	1.50860	38.21300	85.00000	0.00000	0.00000	-0.01006	1
		6456	2.26290	38.21300	85.00000	0.00000	0.00000	-0.01023	1
		6457	3.01720	38.21300	85.00000	0.00000	0.00000	-0.01037	1
		6458	3.77150	38.21300	85.00000	0.00000	0.00000	-0.01047	1
		6459	4.52580	38.21300</					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		6493	30.17200	38.21300	85.00000	0.00000	0.00000	3.07406	1
		6494	30.92630	38.21300	85.00000	0.00000	0.00000	4.48938	1
		6495	31.68060	38.21300	85.00000	0.00000	0.00000	5.15806	1
		6496	32.43490	38.21300	85.00000	0.00000	0.00000	5.62601	1
		6497	33.18920	38.21300	85.00000	0.00000	0.00000	6.00367	1
		6498	33.94350	38.21300	85.00000	0.00000	0.00000	6.28436	1
		6499	34.69780	38.21300	85.00000	0.00000	0.00000	6.49178	1
		6500	35.45210	38.21300	85.00000	0.00000	0.00000	6.64305	1
		6501	36.20640	38.21300	85.00000	0.00000	0.00000	6.74804	1
		6502	36.96070	38.21300	85.00000	0.00000	0.00000	6.81328	1
		6503	37.71500	38.21300	85.00000	0.00000	0.00000	6.84275	1
		6504	38.46930	38.21300	85.00000	0.00000	0.00000	6.83838	1
		6505	39.22360	38.21300	85.00000	0.00000	0.00000	6.80025	1
		6506	39.97790	38.21300	85.00000	0.00000	0.00000	6.72681	1
		6507	40.73220	38.21300	85.00000	0.00000	0.00000	6.61492	1
		6508	41.48650	38.21300	85.00000	0.00000	0.00000	6.46003	1
		6509	42.24080	38.21300	85.00000	0.00000	0.00000	6.25590	1
		6510	42.99510	38.21300	85.00000	0.00000	0.00000	5.99303	1
		6511	43.74940	38.21300	85.00000	0.00000	0.00000	5.65341	1
		6512	44.50370	38.21300	85.00000	0.00000	0.00000	5.19863	1
		6513	45.25800	38.21300	85.00000	0.00000	0.00000	4.53497	1
		6514	46.01230	38.21300	85.00000	0.00000	0.00000	3.11960	1
		6515	46.76660	38.21300	85.00000	0.00000	0.00000	2.20213	1
		6516	47.52090	38.21300	85.00000	0.00000	0.00000	1.65401	1
		6517	48.27520	38.21300	85.00000	0.00000	0.00000	1.27175	1
		6518	49.02950	38.21300	85.00000	0.00000	0.00000	0.99029	1
		6519	49.78380	38.21300	85.00000	0.00000	0.00000	0.77704	1
		6520	50.53810	38.21300	85.00000	0.00000	0.00000	0.61263	1
		6521	51.29240	38.21300	85.00000	0.00000	0.00000	0.48441	1
		6522	52.04670	38.21300	85.00000	0.00000	0.00000	0.38361	1
		6523	52.80100	38.21300	85.00000	0.00000	0.00000	0.30390	1
		6524	53.55530	38.21300	85.00000	0.00000	0.00000	0.24060	1
		6525	54.30960	38.21300	85.00000	0.00000	0.00000	0.19015	1
		6526	55.06390	38.21300	85.00000	0.00000	0.00000	0.14985	1
		6527	55.81820	38.21300	85.00000	0.00000	0.00000	0.11758	1
		6528	56.57250	38.21300	85.00000	0.00000	0.00000	0.09171	1
		6529	57.32680	38.21300	85.00000	0.00000	0.00000	0.07093	1
		6530	58.08110	38.21300	85.00000	0.00000	0.00000	0.05423	1
		6531	58.83540	38.21300	85.00000	0.00000	0.00000	0.04081	1
		6532	59.58970	38.21300	85.00000	0.00000	0.00000	0.03001	1
		6533	60.34400	38.21300	85.00000	0.00000	0.00000	0.02134	1
		6534	61.09830	38.21300	85.00000	0.00000	0.00000	0.01438	1
		6535	61.85260	38.21300	85.00000	0.00000	0.00000	0.00880	1
		6536	62.60690	38.21300	85.00000	0.00000	0.00000	0.00433	1
		6537	63.36120	38.21300	85.00000	0.00000	0.00000	0.00077	1
		6538	64.11550	38.21300	85.00000	0.00000	0.00000	-0.00205	1
		6539	64.86980	38.21300	85.00000	0.00000	0.00000	-0.00427	1
		6540	65.62410	38.21300	85.00000	0.00000	0.00000	-0.00601	1
		6541	66.37840	38.21300	85.00000	0.00000	0.00000	-0.00736	1
		6542	67.13270	38.21300	85.00000	0.00000	0.00000	-0.00839	1
		6543	67.88700	38.21300	85.00000	0.00000	0.00000	-0.00915	1
		6544	68.64130	38.21300	85.00000	0.00000	0.00000	-0.00971	1
		6545	69.39560	38.21300	85.00000	0.00000	0.00000	-0.01009	1
		6546	70.14990	38.21300	85.00000	0.00000	0.00000	-0.01033	1
		6547	70.90420	38.21300	85.00000	0.00000	0.00000	-0.01047	1
		6548	71.65850	38.21300	85.00000	0.00000	0.00000	-0.01051	1
		6549	72.41280	38.21300	85.00000	0.00000	0.00000	-0.01048	1
		6550	73.16710	38.21300	85.00000	0.00000	0.00000	-0.01040	1
		6551	73.92140	38.21300	85.00000	0.00000	0.00000	-0.01027	1
		6552	74.67570	38.21300	85.00000	0.00000	0.00000	-0.01010	1
		6553	75.43000	38.21300	85.00000	0.00000	0.00000	-0.00991	1
		6554	0.00000	38.93400	85.00000	0.00000	0.00000	-0.00963	1
		6555	0.75430	38.93400	85.00000	0.00000	0.00000	-0.00984	1
		6556	1.50860	38.93400	85.00000	0.00000	0.00000	-0.01004	1
		6557	2.26290	38.93400	85.00000	0.00000	0.00000	-0.01022	1
		6558	3.01720	38.93400	85.00000	0.00000	0.00000	-0.01036	1
		6559	3.77150	38.93400	85.00000	0.00000	0.00000	-0.01046	1
		6560	4.52580	38.93400	85.00000	0.00000	0.00000	-0.01051	1
		6561	5.28010	38.93400	85.00000	0.00000	0.00000	-0.01050	1
		6562	6.03440	38.93400	85.00000	0.00000	0.00000	-0.01040	1
		6563	6.78870	38.93400	85.00000	0.00000	0.00000	-0.01019	1
		6564	7.54300	38.93400	85.00000	0.00000	0.00000	-0.00986	1
		6565	8.29730	38.93400	85.00000	0.00000	0.00000	-0.00937	1
		6566	9.05160	38.93400	85.00000	0.00000	0.00000	-0.00868	1
		6567	9.80590	38.93400	85.00000	0.00000	0.00000	-0.00775	1
		6568	10.56020	38.93400	85.00000	0.00000	0.00000	-0.00653	1
		6569	11.31450	38.93400	85.00000	0.00000	0.00000	-0.00493	1
		6570	12.06880	38.93400	85.00000	0.00000	0.00000	-0.00289	1
		6571	12.82310	38.93400	85.00000	0.00000	0.00000	-0.00029	1
		6572	13.57740	38.93400	85.00000	0.00000	0.00000	0.00298	1
		6573	14.33170	38.93400	85.00000	0.00000	0.00000	0.00711	1
		6574	15.08600	38.93400	85.00000	0.00000	0.00000	0.01226	1
		6575	15.84030	38.93400	85.00000	0.00000	0.00000	0.01870	1
		6576	16.59460	38.93400	85.00000	0.00000	0.00000	0.02672	1
		6577	17.34890	38.93400	85.00000	0.00000	0.00000	0.03671	1
		6578	18.10320	38.93400	85.00000	0.00000	0.00000	0.04913	1
		6579	18.85750	38.93400	85.00000	0.00000	0.00000	0.06458	1
		6580	19.61180	38.93400	85.00000	0.00000	0.00000	0.08380	1
		6581	20.36610	38.93400	85.00000	0.00000	0.00000	0.10774	1
		6582	21.12040	38.93400	85.00000	0.00000	0.00000	0.13759	1
		6583	21.87470	38.93400	85.00000	0.00000	0.00000	0.17487	1
		6584	22.62900	38.93400	85.00000	0.00000	0.00000	0.22153	1
		6585	23.38330	38.93400	85.00000	0.00000	0.00000	0.28008	1
		6586	24.13760	38.93400	85.00000	0.00000	0.00000	0.35384	1
		6587	24.89190	38.93400	85.00000	0.00000	0.00000	0.44718	1
		6588	25.64620	38.93400	85.00000	0.00000	0.00000	0.56607	1</



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		6623	52.04670	38.93400	85.00000	0.00000	0.00000	0.36652	1
		6624	52.80100	38.93400	85.00000	0.00000	0.00000	0.29094	1
		6625	53.55530	38.93400	85.00000	0.00000	0.00000	0.23073	1
		6626	54.30960	38.93400	85.00000	0.00000	0.00000	0.18261	1
		6627	55.06390	38.93400	85.00000	0.00000	0.00000	0.14407	1
		6628	55.81820	38.93400	85.00000	0.00000	0.00000	0.11313	1
		6629	56.57250	38.93400	85.00000	0.00000	0.00000	0.08827	1
		6630	57.32680	38.93400	85.00000	0.00000	0.00000	0.06827	1
		6631	58.08110	38.93400	85.00000	0.00000	0.00000	0.05218	1
		6632	58.83540	38.93400	85.00000	0.00000	0.00000	0.03921	1
		6633	59.58970	38.93400	85.00000	0.00000	0.00000	0.02878	1
		6634	60.34400	38.93400	85.00000	0.00000	0.00000	0.02038	1
		6635	61.09830	38.93400	85.00000	0.00000	0.00000	0.01363	1
		6636	61.85260	38.93400	85.00000	0.00000	0.00000	0.00821	1
		6637	62.60690	38.93400	85.00000	0.00000	0.00000	0.00388	1
		6638	63.36120	38.93400	85.00000	0.00000	0.00000	0.00042	1
		6639	64.11550	38.93400	85.00000	0.00000	0.00000	-0.00232	1
		6640	64.86980	38.93400	85.00000	0.00000	0.00000	-0.00448	1
		6641	65.62410	38.93400	85.00000	0.00000	0.00000	-0.00617	1
		6642	66.37840	38.93400	85.00000	0.00000	0.00000	-0.00748	1
		6643	67.13270	38.93400	85.00000	0.00000	0.00000	-0.00847	1
		6644	67.88700	38.93400	85.00000	0.00000	0.00000	-0.00922	1
		6645	68.64130	38.93400	85.00000	0.00000	0.00000	-0.00975	1
		6646	69.39560	38.93400	85.00000	0.00000	0.00000	-0.01012	1
		6647	70.14990	38.93400	85.00000	0.00000	0.00000	-0.01036	1
		6648	70.90420	38.93400	85.00000	0.00000	0.00000	-0.01048	1
		6649	71.65850	38.93400	85.00000	0.00000	0.00000	-0.01052	1
		6650	72.41280	38.93400	85.00000	0.00000	0.00000	-0.01048	1
		6651	73.16710	38.93400	85.00000	0.00000	0.00000	-0.01039	1
		6652	73.92140	38.93400	85.00000	0.00000	0.00000	-0.01026	1
		6653	74.67570	38.93400	85.00000	0.00000	0.00000	-0.01009	1
		6654	75.43000	38.93400	85.00000	0.00000	0.00000	-0.00990	1
		6655	0.00000	39.65500	85.00000	0.00000	0.00000	-0.00961	1
		6656	0.75430	39.65500	85.00000	0.00000	0.00000	-0.00983	1
		6657	1.50860	39.65500	85.00000	0.00000	0.00000	-0.01003	1
		6658	2.26290	39.65500	85.00000	0.00000	0.00000	-0.01020	1
		6659	3.01720	39.65500	85.00000	0.00000	0.00000	-0.01035	1
		6660	3.77150	39.65500	85.00000	0.00000	0.00000	-0.01046	1
		6661	4.52580	39.65500	85.00000	0.00000	0.00000	-0.01051	1
		6662	5.28010	39.65500	85.00000	0.00000	0.00000	-0.01050	1
		6663	6.03440	39.65500	85.00000	0.00000	0.00000	-0.01041	1
		6664	6.78870	39.65500	85.00000	0.00000	0.00000	-0.01021	1
		6665	7.54300	39.65500	85.00000	0.00000	0.00000	-0.00989	1
		6666	8.29730	39.65500	85.00000	0.00000	0.00000	-0.00942	1
		6667	9.05160	39.65500	85.00000	0.00000	0.00000	-0.00875	1
		6668	9.80590	39.65500	85.00000	0.00000	0.00000	-0.00785	1
		6669	10.56020	39.65500	85.00000	0.00000	0.00000	-0.00666	1
		6670	11.31450	39.65500	85.00000	0.00000	0.00000	-0.00511	1
		6671	12.06880	39.65500	85.00000	0.00000	0.00000	-0.00312	1
		6672	12.82310	39.65500	85.00000	0.00000	0.00000	-0.00059	1
		6673	13.57740	39.65500	85.00000	0.00000	0.00000	0.00260	1
		6674	14.33170	39.65500	85.00000	0.00000	0.00000	0.00660	1
		6675	15.08600	39.65500	85.00000	0.00000	0.00000	0.01161	1
		6676	15.84030	39.65500	85.00000	0.00000	0.00000	0.01787	1
		6677	16.59460	39.65500	85.00000	0.00000	0.00000	0.02365	1
		6678	17.34890	39.65500	85.00000	0.00000	0.00000	0.03533	1
		6679	18.10320	39.65500	85.00000	0.00000	0.00000	0.04736	1
		6680	18.85750	39.65500	85.00000	0.00000	0.00000	0.06230	1
		6681	19.61180	39.65500	85.00000	0.00000	0.00000	0.08086	1
		6682	20.36610	39.65500	85.00000	0.00000	0.00000	0.10394	1
		6683	21.12040	39.65500	85.00000	0.00000	0.00000	0.13268	1
		6684	21.87470	39.65500	85.00000	0.00000	0.00000	0.16850	1
		6685	22.62900	39.65500	85.00000	0.00000	0.00000	0.21324	1
		6686	23.38330	39.65500	85.00000	0.00000	0.00000	0.26927	1
		6687	24.13760	39.65500	85.00000	0.00000	0.00000	0.33966	1
		6688	24.89190	39.65500	85.00000	0.00000	0.00000	0.42851	1
		6689	25.64620	39.65500	85.00000	0.00000	0.00000	0.54131	1
		6690	26.40050	39.65500	85.00000	0.00000	0.00000	0.68577	1
		6691	27.15480	39.65500	85.00000	0.00000	0.00000	0.87310	1
		6692	27.90910	39.65500	85.00000	0.00000	0.00000	1.12098	1
		6693	28.66340	39.65500	85.00000	0.00000	0.00000	1.46083	1
		6694	29.41770	39.65500	85.00000	0.00000	0.00000	1.96378	1
		6695	30.17200	39.65500	85.00000	0.00000	0.00000	3.01765	1
		6696	30.92630	39.65500	85.00000	0.00000	0.00000	4.15229	1
		6697	31.68060	39.65500	85.00000	0.00000	0.00000	4.78666	1
		6698	32.43490	39.65500	85.00000	0.00000	0.00000	5.30186	1
		6699	33.18920	39.65500	85.00000	0.00000	0.00000	5.70718	1
		6700	33.94350	39.65500	85.00000	0.00000	0.00000	5.99911	1
		6701	34.69780	39.65500	85.00000	0.00000	0.00000	6.20971	1
		6702	35.45210	39.65500	85.00000	0.00000	0.00000	6.35887	1
		6703	36.20640	39.65500	85.00000	0.00000	0.00000	6.45921	1
		6704	36.96070	39.65500	85.00000	0.00000	0.00000	6.51854	1
		6705	37.71500	39.65500	85.00000	0.00000	0.00000	6.54111	1
		6706	38.46930	39.65500	85.00000	0.00000	0.00000	6.52842	1
		6707	39.22360	39.65500	85.00000	0.00000	0.00000	6.47959	1
		6708	39.97790	39.65500	85.00000	0.00000	0.00000	6.39119	1
		6709	40.73220	39.65500	85.00000	0.00000	0.00000	6.25696	1
		6710	41.48650	39.65500	85.00000	0.00000	0.00000	6.06812	1
		6711	42.24080	39.65500	85.00000	0.00000	0.00000	5.81686	1
		6712	42.99510	39.65500	85.00000	0.00000	0.00000	5.50582	1
		6713	43.74940	39.65500	85.00000	0.00000	0.00000	5.14097	1
		6714	44.50370	39.65500	85.00000	0.00000	0.00000	4.68873	1
		6715	45.25800	39.65500	85.00000	0.00000	0.00000	4.02761	1
		6716	46.01230	39.65500	85.00000	0.00000	0.00000	2.62438	1
		6717	46.76660	39.65500	85.00000	0.00000	0.00000	1.88618	1
		6718	47.52090	39.65500	85.00000	0.00000	0.00000	1.43102	1
		6719	48.27520	39.65500					



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
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Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		6753	73.92140	39.65500	85.00000	0.00000	0.00000	-0.01025	1
		6754	74.67570	39.65500	85.00000	0.00000	0.00000	-0.01008	1
		6755	75.43000	39.65500	85.00000	0.00000	0.00000	-0.00988	1
		6756	0.00000	40.37600	85.00000	0.00000	0.00000	-0.00959	1
		6757	0.75430	40.37600	85.00000	0.00000	0.00000	-0.00981	1
		6758	1.50860	40.37600	85.00000	0.00000	0.00000	-0.01001	1
		6759	2.26290	40.37600	85.00000	0.00000	0.00000	-0.01019	1
		6760	3.01720	40.37600	85.00000	0.00000	0.00000	-0.01034	1
		6761	3.77150	40.37600	85.00000	0.00000	0.00000	-0.01044	1
		6762	4.52580	40.37600	85.00000	0.00000	0.00000	-0.01050	1
		6763	5.28010	40.37600	85.00000	0.00000	0.00000	-0.01050	1
		6764	6.03440	40.37600	85.00000	0.00000	0.00000	-0.01042	1
		6765	6.78870	40.37600	85.00000	0.00000	0.00000	-0.01024	1
		6766	7.54300	40.37600	85.00000	0.00000	0.00000	-0.00993	1
		6767	8.29730	40.37600	85.00000	0.00000	0.00000	-0.00948	1
		6768	9.05160	40.37600	85.00000	0.00000	0.00000	-0.00884	1
		6769	9.80590	40.37600	85.00000	0.00000	0.00000	-0.00797	1
		6770	10.56020	40.37600	85.00000	0.00000	0.00000	-0.00682	1
		6771	11.31450	40.37600	85.00000	0.00000	0.00000	-0.00532	1
		6772	12.06880	40.37600	85.00000	0.00000	0.00000	-0.00340	1
		6773	12.82310	40.37600	85.00000	0.00000	0.00000	-0.00196	1
		6774	13.57740	40.37600	85.00000	0.00000	0.00000	0.00212	1
		6775	14.33170	40.37600	85.00000	0.00000	0.00000	0.00599	1
		6776	15.08600	40.37600	85.00000	0.00000	0.00000	0.01082	1
		6777	15.84030	40.37600	85.00000	0.00000	0.00000	0.01685	1
		6778	16.59460	40.37600	85.00000	0.00000	0.00000	0.02434	1
		6779	17.34890	40.37600	85.00000	0.00000	0.00000	0.03365	1
		6780	18.10320	40.37600	85.00000	0.00000	0.00000	0.04520	1
		6781	18.85750	40.37600	85.00000	0.00000	0.00000	0.05952	1
		6782	19.61180	40.37600	85.00000	0.00000	0.00000	0.07729	1
		6783	20.36610	40.37600	85.00000	0.00000	0.00000	0.09394	1
		6784	21.12040	40.37600	85.00000	0.00000	0.00000	0.12673	1
		6785	21.87470	40.37600	85.00000	0.00000	0.00000	0.16079	1
		6786	22.62900	40.37600	85.00000	0.00000	0.00000	0.20321	1
		6787	23.38330	40.37600	85.00000	0.00000	0.00000	0.25618	1
		6788	24.13760	40.37600	85.00000	0.00000	0.00000	0.32250	1
		6789	24.89190	40.37600	85.00000	0.00000	0.00000	0.40587	1
		6790	25.64620	40.37600	85.00000	0.00000	0.00000	0.51120	1
		6791	26.40050	40.37600	85.00000	0.00000	0.00000	0.64529	1
		6792	27.15480	40.37600	85.00000	0.00000	0.00000	0.81779	1
		6793	27.90910	40.37600	85.00000	0.00000	0.00000	1.04339	1
		6794	28.66340	40.37600	85.00000	0.00000	0.00000	1.34670	1
		6795	29.41770	40.37600	85.00000	0.00000	0.00000	1.77768	1
		6796	30.17200	40.37600	85.00000	0.00000	0.00000	2.26566	1
		6797	30.92630	40.37600	85.00000	0.00000	0.00000	3.48171	1
		6798	31.68060	40.37600	85.00000	0.00000	0.00000	4.26112	1
		6799	32.43490	40.37600	85.00000	0.00000	0.00000	5.00420	1
		6800	33.18920	40.37600	85.00000	0.00000	0.00000	5.46855	1
		6801	33.94350	40.37600	85.00000	0.00000	0.00000	5.77592	1
		6802	34.69780	40.37600	85.00000	0.00000	0.00000	5.98875	1
		6803	35.45210	40.37600	85.00000	0.00000	0.00000	6.13556	1
		6804	36.20640	40.37600	85.00000	0.00000	0.00000	6.23220	1
		6805	36.96070	40.37600	85.00000	0.00000	0.00000	6.28766	1
		6806	37.71500	40.37600	85.00000	0.00000	0.00000	6.30623	1
		6807	38.46930	40.37600	85.00000	0.00000	0.00000	6.28895	1
		6808	39.22360	40.37600	85.00000	0.00000	0.00000	6.23425	1
		6809	39.97790	40.37600	85.00000	0.00000	0.00000	6.13728	1
		6810	40.73220	40.37600	85.00000	0.00000	0.00000	5.98785	1
		6811	41.48650	40.37600	85.00000	0.00000	0.00000	5.76781	1
		6812	42.24080	40.37600	85.00000	0.00000	0.00000	5.44919	1
		6813	42.99510	40.37600	85.00000	0.00000	0.00000	5.03778	1
		6814	43.74940	40.37600	85.00000	0.00000	0.00000	4.63785	1
		6815	44.50370	40.37600	85.00000	0.00000	0.00000	4.21125	1
		6816	45.25800	40.37600	85.00000	0.00000	0.00000	3.60538	1
		6817	46.01230	40.37600	85.00000	0.00000	0.00000	2.30397	1
		6818	46.76660	40.37600	85.00000	0.00000	0.00000	1.68487	1
		6819	47.52090	40.37600	85.00000	0.00000	0.00000	1.29408	1
		6820	48.27520	40.37600	85.00000	0.00000	0.00000	1.01339	1
		6821	49.02950	40.37600	85.00000	0.00000	0.00000	0.80140	1
		6822	49.78380	40.37600	85.00000	0.00000	0.00000	0.63719	1
		6823	50.53810	40.37600	85.00000	0.00000	0.00000	0.50813	1
		6824	51.29240	40.37600	85.00000	0.00000	0.00000	0.40575	1
		6825	52.04670	40.37600	85.00000	0.00000	0.00000	0.32406	1
		6826	52.80100	40.37600	85.00000	0.00000	0.00000	0.25859	1
		6827	53.55530	40.37600	85.00000	0.00000	0.00000	0.20598	1
		6828	54.30960	40.37600	85.00000	0.00000	0.00000	0.16360	1
		6829	55.06390	40.37600	85.00000	0.00000	0.00000	0.12942	1
		6830	55.81820	40.37600	85.00000	0.00000	0.00000	0.10182	1
		6831	56.57250	40.37600	85.00000	0.00000	0.00000	0.07952	1
		6832	57.32680	40.37600	85.00000	0.00000	0.00000	0.06148	1
		6833	58.08110	40.37600	85.00000	0.00000	0.00000	0.04690	1
		6834	58.83540	40.37600	85.00000	0.00000	0.00000	0.03511	1
		6835	59.58970	40.37600	85.00000	0.00000	0.00000	0.02558	1
		6836	60.34400	40.37600	85.00000	0.00000	0.00000	0.01789	1
		6837	61.09830	40.37600	85.00000	0.00000	0.00000	0.01169	1
		6838	61.85260	40.37600	85.00000	0.00000	0.00000	0.00670	1
		6839	62.60690	40.37600	85.00000	0.00000	0.00000	0.00271	1
		6840	63.36120	40.37600	85.00000	0.00000	0.00000	-0.00048	1
		6841	64.11550	40.37600	85.00000	0.00000	0.00000	-0.00302	1
		6842	64.86980	40.37600	85.00000	0.00000	0.00000	-0.00502	1
		6843	65.62410	40.37600	85.00000	0.00000	0.00000	-0.00658	1
		6844	66.37840	40.37600	85.00000	0.00000	0.00000	-0.00779	1
		6845	67.13270	40.37600	85.00000	0.00000	0.00000	-0.00870	1
		6846	67.88700	40.37600	85.00000	0.00000	0.00000	-0.00938	1
		6847	68.64130	40.37600	85.00000	0.00000	0.00000	-0.00987	1
		6848	69.39560	40.37600	85.00000	0.00000	0.00000	-0.01020	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
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Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		6883	19.61180	41.09700	85.00000	0.00000	0.00000	0.07318	1
		6884	20.36610	41.09700	85.00000	0.00000	0.00000	0.09405	1
		6885	21.12040	41.09700	85.00000	0.00000	0.00000	0.11990	1
		6886	21.87470	41.09700	85.00000	0.00000	0.00000	0.15195	1
		6887	22.62900	41.09700	85.00000	0.00000	0.00000	0.19174	1
		6888	23.38330	41.09700	85.00000	0.00000	0.00000	0.24122	1
		6889	24.13760	41.09700	85.00000	0.00000	0.00000	0.30291	1
		6890	24.89190	41.09700	85.00000	0.00000	0.00000	0.38004	1
		6891	25.64620	41.09700	85.00000	0.00000	0.00000	0.47688	1
		6892	26.40050	41.09700	85.00000	0.00000	0.00000	0.59916	1
		6893	27.15480	41.09700	85.00000	0.00000	0.00000	0.75475	1
		6894	27.90910	41.09700	85.00000	0.00000	0.00000	0.95489	1
		6895	28.66340	41.09700	85.00000	0.00000	0.00000	1.21624	1
		6896	29.41770	41.09700	85.00000	0.00000	0.00000	1.56352	1
		6897	30.17200	41.09700	85.00000	0.00000	0.00000	2.02305	1
		6898	30.92630	41.09700	85.00000	0.00000	0.00000	2.59236	1
		6899	31.68060	41.09700	85.00000	0.00000	0.00000	3.36813	1
		6900	32.43490	41.09700	85.00000	0.00000	0.00000	4.65158	1
		6901	33.18920	41.09700	85.00000	0.00000	0.00000	5.17035	1
		6902	33.94350	41.09700	85.00000	0.00000	0.00000	5.48722	1
		6903	34.69780	41.09700	85.00000	0.00000	0.00000	5.69772	1
		6904	35.45210	41.09700	85.00000	0.00000	0.00000	5.83857	1
		6905	36.20640	41.09700	85.00000	0.00000	0.00000	5.92929	1
		6906	36.96070	41.09700	85.00000	0.00000	0.00000	5.98008	1
		6907	37.71500	41.09700	85.00000	0.00000	0.00000	5.99450	1
		6908	38.46930	41.09700	85.00000	0.00000	0.00000	5.97236	1
		6909	39.22360	41.09700	85.00000	0.00000	0.00000	5.91177	1
		6910	39.97790	41.09700	85.00000	0.00000	0.00000	5.80737	1
		6911	40.73220	41.09700	85.00000	0.00000	0.00000	5.64432	1
		6912	41.48650	41.09700	85.00000	0.00000	0.00000	5.38849	1
		6913	42.24080	41.09700	85.00000	0.00000	0.00000	4.94854	1
		6914	42.99510	41.09700	85.00000	0.00000	0.00000	3.86908	1
		6915	43.74940	41.09700	85.00000	0.00000	0.00000	3.39496	1
		6916	44.50370	41.09700	85.00000	0.00000	0.00000	3.04429	1
		6917	45.25800	41.09700	85.00000	0.00000	0.00000	2.65436	1
		6918	46.01230	41.09700	85.00000	0.00000	0.00000	1.91631	1
		6919	46.76660	41.09700	85.00000	0.00000	0.00000	1.46388	1
		6920	47.52090	41.09700	85.00000	0.00000	0.00000	1.14766	1
		6921	48.27520	41.09700	85.00000	0.00000	0.00000	0.91026	1
		6922	49.02950	41.09700	85.00000	0.00000	0.00000	0.72641	1
		6923	49.78380	41.09700	85.00000	0.00000	0.00000	0.58162	1
		6924	50.53810	41.09700	85.00000	0.00000	0.00000	0.46642	1
		6925	51.29240	41.09700	85.00000	0.00000	0.00000	0.37417	1
		6926	52.04670	41.09700	85.00000	0.00000	0.00000	0.29999	1
		6927	52.80100	41.09700	85.00000	0.00000	0.00000	0.24015	1
		6928	53.55530	41.09700	85.00000	0.00000	0.00000	0.19180	1
		6929	54.30960	41.09700	85.00000	0.00000	0.00000	0.15266	1
		6930	55.06390	41.09700	85.00000	0.00000	0.00000	0.12096	1
		6931	55.81820	41.09700	85.00000	0.00000	0.00000	0.09525	1
		6932	56.57250	41.09700	85.00000	0.00000	0.00000	0.07441	1
		6933	57.32680	41.09700	85.00000	0.00000	0.00000	0.05750	1
		6934	58.08110	41.09700	85.00000	0.00000	0.00000	0.04380	1
		6935	58.83540	41.09700	85.00000	0.00000	0.00000	0.03269	1
		6936	59.58970	41.09700	85.00000	0.00000	0.00000	0.02369	1
		6937	60.34400	41.09700	85.00000	0.00000	0.00000	0.01641	1
		6938	61.09830	41.09700	85.00000	0.00000	0.00000	0.01054	1
		6939	61.85260	41.09700	85.00000	0.00000	0.00000	0.00581	1
		6940	62.60690	41.09700	85.00000	0.00000	0.00000	0.00201	1
		6941	63.36120	41.09700	85.00000	0.00000	0.00000	-0.00102	1
		6942	64.11550	41.09700	85.00000	0.00000	0.00000	-0.00343	1
		6943	64.86980	41.09700	85.00000	0.00000	0.00000	-0.00534	1
		6944	65.62410	41.09700	85.00000	0.00000	0.00000	-0.00682	1
		6945	66.37840	41.09700	85.00000	0.00000	0.00000	-0.00797	1
		6946	67.13270	41.09700	85.00000	0.00000	0.00000	-0.00884	1
		6947	67.88700	41.09700	85.00000	0.00000	0.00000	-0.00948	1
		6948	68.64130	41.09700	85.00000	0.00000	0.00000	-0.00994	1
		6949	69.39560	41.09700	85.00000	0.00000	0.00000	-0.01024	1
		6950	70.14990	41.09700	85.00000	0.00000	0.00000	-0.01043	1
		6951	70.90420	41.09700	85.00000	0.00000	0.00000	-0.01052	1
		6952	71.65850	41.09700	85.00000	0.00000	0.00000	-0.01052	1
		6953	72.41280	41.09700	85.00000	0.00000	0.00000	-0.01047	1
		6954	73.16710	41.09700	85.00000	0.00000	0.00000	-0.01036	1
		6955	73.92140	41.09700	85.00000	0.00000	0.00000	-0.01022	1
		6956	74.67570	41.09700	85.00000	0.00000	0.00000	-0.01004	1
		6957	75.43000	41.09700	85.00000	0.00000	0.00000	-0.00984	1
		6958	0.00000	41.81800	85.00000	0.00000	0.00000	-0.00953	1
		6959	0.75430	41.81800	85.00000	0.00000	0.00000	-0.00975	1
		6960	1.50860	41.81800	85.00000	0.00000	0.00000	-0.00996	1
		6961	2.26290	41.81800	85.00000	0.00000	0.00000	-0.01014	1
		6962	3.01720	41.81800	85.00000	0.00000	0.00000	-0.01030	1
		6963	3.77150	41.81800	85.00000	0.00000	0.00000	-0.01042	1
		6964	4.52580	41.81800	85.00000	0.00000	0.00000	-0.01049	1
		6965	5.28010	41.81800	85.00000	0.00000	0.00000	-0.01050	1
		6966	6.03440	41.81800	85.00000	0.00000	0.00000	-0.01044	1
		6967	6.78870	41.81800	85.00000	0.00000	0.00000	-0.01029	1
		6968	7.54300	41.81800	85.00000	0.00000	0.00000	-0.01003	1
		6969	8.29730	41.81800	85.00000	0.00000	0.00000	-0.00962	1
		6970	9.05160	41.81800	85.00000	0.00000	0.00000	-0.00905	1
		6971	9.80590	41.81800	85.00000	0.00000	0.00000	-0.00826	1
		6972	10.56020	41.81800	85.00000	0.00000	0.00000	-0.00721	1
		6973	11.31450	41.81800	85.00000	0.00000	0.00000	-0.00584	1
		6974	12.06880	41.81800	85.00000	0.00000	0.00000	-0.00409	1
		6975	12.82310	41.81800	85.00000	0.00000	0.00000	-0.00186	1
		6976	13.57740	41.81800	85.00000	0.00000	0.00000	0.00095	1
		6977	14.33170	41.81800	85.00000	0.00000	0.00000	0.00448	1
		6978	15.08600	41.81800	85.00000	0.00000	0.00000	0.00808	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		7013	41.48650	41.81800	85.00000	0.00000	0.00000	4.92925	1
		7014	42.24080	41.81800	85.00000	0.00000	0.00000	4.40580	1
		7015	42.99510	41.81800	85.00000	0.00000	0.00000	3.18008	1
		7016	43.74940	41.81800	85.00000	0.00000	0.00000	2.64095	1
		7017	44.50370	41.81800	85.00000	0.00000	0.00000	2.26320	1
		7018	45.25800	41.81800	85.00000	0.00000	0.00000	1.91015	1
		7019	46.01230	41.81800	85.00000	0.00000	0.00000	1.55571	1
		7020	46.76660	41.81800	85.00000	0.00000	0.00000	1.24789	1
		7021	47.52090	41.81800	85.00000	0.00000	0.00000	1.00180	1
		7022	48.27520	41.81800	85.00000	0.00000	0.00000	0.80636	1
		7023	49.02950	41.81800	85.00000	0.00000	0.00000	0.65022	1
		7024	49.78380	41.81800	85.00000	0.00000	0.00000	0.52476	1
		7025	50.53810	41.81800	85.00000	0.00000	0.00000	0.42348	1
		7026	51.29240	41.81800	85.00000	0.00000	0.00000	0.34148	1
		7027	52.04670	41.81800	85.00000	0.00000	0.00000	0.27494	1
		7028	52.80100	41.81800	85.00000	0.00000	0.00000	0.22088	1
		7029	53.55530	41.81800	85.00000	0.00000	0.00000	0.17691	1
		7030	54.30960	41.81800	85.00000	0.00000	0.00000	0.14112	1
		7031	55.06390	41.81800	85.00000	0.00000	0.00000	0.11199	1
		7032	55.81820	41.81800	85.00000	0.00000	0.00000	0.08827	1
		7033	56.57250	41.81800	85.00000	0.00000	0.00000	0.06897	1
		7034	57.32680	41.81800	85.00000	0.00000	0.00000	0.05325	1
		7035	58.08110	41.81800	85.00000	0.00000	0.00000	0.04047	1
		7036	58.83540	41.81800	85.00000	0.00000	0.00000	0.03009	1
		7037	59.58970	41.81800	85.00000	0.00000	0.00000	0.02166	1
		7038	60.34400	41.81800	85.00000	0.00000	0.00000	0.01482	1
		7039	61.09830	41.81800	85.00000	0.00000	0.00000	0.00930	1
		7040	61.85260	41.81800	85.00000	0.00000	0.00000	0.00484	1
		7041	62.60690	41.81800	85.00000	0.00000	0.00000	0.00126	1
		7042	63.36120	41.81800	85.00000	0.00000	0.00000	-0.00161	1
		7043	64.11550	41.81800	85.00000	0.00000	0.00000	-0.00388	1
		7044	64.86980	41.81800	85.00000	0.00000	0.00000	-0.00568	1
		7045	65.62410	41.81800	85.00000	0.00000	0.00000	-0.00708	1
		7046	66.37840	41.81800	85.00000	0.00000	0.00000	-0.00816	1
		7047	67.13270	41.81800	85.00000	0.00000	0.00000	-0.00898	1
		7048	67.88700	41.81800	85.00000	0.00000	0.00000	-0.00958	1
		7049	68.64130	41.81800	85.00000	0.00000	0.00000	-0.01001	1
		7050	69.39560	41.81800	85.00000	0.00000	0.00000	-0.01029	1
		7051	70.14990	41.81800	85.00000	0.00000	0.00000	-0.01045	1
		7052	70.90420	41.81800	85.00000	0.00000	0.00000	-0.01053	1
		7053	71.65850	41.81800	85.00000	0.00000	0.00000	-0.01052	1
		7054	72.41280	41.81800	85.00000	0.00000	0.00000	-0.01046	1
		7055	73.16710	41.81800	85.00000	0.00000	0.00000	-0.01035	1
		7056	73.92140	41.81800	85.00000	0.00000	0.00000	-0.01019	1
		7057	74.67570	41.81800	85.00000	0.00000	0.00000	-0.01001	1
		7058	75.43000	41.81800	85.00000	0.00000	0.00000	-0.00981	1
		7059	0.00000	42.53900	85.00000	0.00000	0.00000	-0.00949	1
		7060	0.75430	42.53900	85.00000	0.00000	0.00000	-0.00972	1
		7061	1.50860	42.53900	85.00000	0.00000	0.00000	-0.00993	1
		7062	2.26290	42.53900	85.00000	0.00000	0.00000	-0.01011	1
		7063	3.01720	42.53900	85.00000	0.00000	0.00000	-0.01027	1
		7064	3.77150	42.53900	85.00000	0.00000	0.00000	-0.01040	1
		7065	4.52580	42.53900	85.00000	0.00000	0.00000	-0.01048	1
		7066	5.28010	42.53900	85.00000	0.00000	0.00000	-0.01050	1
		7067	6.03440	42.53900	85.00000	0.00000	0.00000	-0.01046	1
		7068	6.78870	42.53900	85.00000	0.00000	0.00000	-0.01032	1
		7069	7.54300	42.53900	85.00000	0.00000	0.00000	-0.01008	1
		7070	8.29730	42.53900	85.00000	0.00000	0.00000	-0.00970	1
		7071	9.05160	42.53900	85.00000	0.00000	0.00000	-0.00916	1
		7072	9.80590	42.53900	85.00000	0.00000	0.00000	-0.00842	1
		7073	10.56020	42.53900	85.00000	0.00000	0.00000	-0.00743	1
		7074	11.31450	42.53900	85.00000	0.00000	0.00000	-0.00614	1
		7075	12.06880	42.53900	85.00000	0.00000	0.00000	-0.00449	1
		7076	12.82310	42.53900	85.00000	0.00000	0.00000	-0.00238	1
		7077	13.57740	42.53900	85.00000	0.00000	0.00000	0.00028	1
		7078	14.33170	42.53900	85.00000	0.00000	0.00000	0.00362	1
		7079	15.08600	42.53900	85.00000	0.00000	0.00000	0.00777	1
		7080	15.84030	42.53900	85.00000	0.00000	0.00000	0.01293	1
		7081	16.59460	42.53900	85.00000	0.00000	0.00000	0.01932	1
		7082	17.34890	42.53900	85.00000	0.00000	0.00000	0.02722	1
		7083	18.10320	42.53900	85.00000	0.00000	0.00000	0.03696	1
		7084	18.85750	42.53900	85.00000	0.00000	0.00000	0.04896	1
		7085	19.61180	42.53900	85.00000	0.00000	0.00000	0.06374	1
		7086	20.36610	42.53900	85.00000	0.00000	0.00000	0.08192	1
		7087	21.12040	42.53900	85.00000	0.00000	0.00000	0.10429	1
		7088	21.87470	42.53900	85.00000	0.00000	0.00000	0.13183	1
		7089	22.62900	42.53900	85.00000	0.00000	0.00000	0.16572	1
		7090	23.38330	42.53900	85.00000	0.00000	0.00000	0.20746	1
		7091	24.13760	42.53900	85.00000	0.00000	0.00000	0.25891	1
		7092	24.89190	42.53900	85.00000	0.00000	0.00000	0.32240	1
		7093	25.64620	42.53900	85.00000	0.00000	0.00000	0.40086	1
		7094	26.40050	42.53900	85.00000	0.00000	0.00000	0.49801	1
		7095	27.15480	42.53900	85.00000	0.00000	0.00000	0.61860	1
		7096	27.90910	42.53900	85.00000	0.00000	0.00000	0.76879	1
		7097	28.66340	42.53900	85.00000	0.00000	0.00000	0.95669	1
		7098	29.41770	42.53900	85.00000	0.00000	0.00000	1.19365	1
		7099	30.17200	42.53900	85.00000	0.00000	0.00000	1.49929	1
		7100	30.92630	42.53900	85.00000	0.00000	0.00000	1.92416	1
		7101	31.68060	42.53900	85.00000	0.00000	0.00000	2.71850	1
		7102	32.43490	42.53900	85.00000	0.00000	0.00000	3.84983	1
		7103	33.18920	42.53900	85.00000	0.00000	0.00000	4.30945	1
		7104	33.94350	42.53900	85.00000	0.00000	0.00000	4.59599	1
		7105	34.69780	42.53900	85.00000	0.00000	0.00000	4.77335	1
		7106	35.45210	42.53900	85.00000	0.00000	0.00000	4.86622	1
		7107	36.20640	42.53900	85.00000	0.00000	0.00000	4.92882	1
		7108	36.96070	42.53900	85.00000	0.00000	0.00000	4.97693	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		7143	63.36120	42.53900	85.00000	0.00000	0.00000	-0.00223	1
		7144	64.11550	42.53900	85.00000	0.00000	0.00000	-0.00436	1
		7145	64.86980	42.53900	85.00000	0.00000	0.00000	-0.00605	1
		7146	65.62410	42.53900	85.00000	0.00000	0.00000	-0.00736	1
		7147	66.37840	42.53900	85.00000	0.00000	0.00000	-0.00837	1
		7148	67.13270	42.53900	85.00000	0.00000	0.00000	-0.00913	1
		7149	67.88700	42.53900	85.00000	0.00000	0.00000	-0.00969	1
		7150	68.64130	42.53900	85.00000	0.00000	0.00000	-0.01008	1
		7151	69.39560	42.53900	85.00000	0.00000	0.00000	-0.01034	1
		7152	70.14990	42.53900	85.00000	0.00000	0.00000	-0.01048	1
		7153	70.90420	42.53900	85.00000	0.00000	0.00000	-0.01054	1
		7154	71.65850	42.53900	85.00000	0.00000	0.00000	-0.01052	1
		7155	72.41280	42.53900	85.00000	0.00000	0.00000	-0.01044	1
		7156	73.16710	42.53900	85.00000	0.00000	0.00000	-0.01032	1
		7157	73.92140	42.53900	85.00000	0.00000	0.00000	-0.01017	1
		7158	74.67570	42.53900	85.00000	0.00000	0.00000	-0.00998	1
		7159	75.43000	42.53900	85.00000	0.00000	0.00000	-0.00978	1
		7160	0.00000	43.26000	85.00000	0.00000	0.00000	-0.00946	1
		7161	0.75430	43.26000	85.00000	0.00000	0.00000	-0.00968	1
		7162	1.50860	43.26000	85.00000	0.00000	0.00000	-0.00989	1
		7163	2.26290	43.26000	85.00000	0.00000	0.00000	-0.01008	1
		7164	3.01720	43.26000	85.00000	0.00000	0.00000	-0.01024	1
		7165	3.77150	43.26000	85.00000	0.00000	0.00000	-0.01038	1
		7166	4.52580	43.26000	85.00000	0.00000	0.00000	-0.01047	1
		7167	5.28010	43.26000	85.00000	0.00000	0.00000	-0.01050	1
		7168	6.03440	43.26000	85.00000	0.00000	0.00000	-0.01047	1
		7169	6.78870	43.26000	85.00000	0.00000	0.00000	-0.01035	1
		7170	7.54300	43.26000	85.00000	0.00000	0.00000	-0.01014	1
		7171	8.29730	43.26000	85.00000	0.00000	0.00000	-0.00979	1
		7172	9.05160	43.26000	85.00000	0.00000	0.00000	-0.00929	1
		7173	9.80590	43.26000	85.00000	0.00000	0.00000	-0.00860	1
		7174	10.56020	43.26000	85.00000	0.00000	0.00000	-0.00767	1
		7175	11.31450	43.26000	85.00000	0.00000	0.00000	-0.00646	1
		7176	12.06880	43.26000	85.00000	0.00000	0.00000	-0.00491	1
		7177	12.82310	43.26000	85.00000	0.00000	0.00000	-0.00293	1
		7178	13.57740	43.26000	85.00000	0.00000	0.00000	-0.00043	1
		7179	14.33170	43.26000	85.00000	0.00000	0.00000	0.00270	1
		7180	15.08600	43.26000	85.00000	0.00000	0.00000	0.00659	1
		7181	15.84030	43.26000	85.00000	0.00000	0.00000	0.01142	1
		7182	16.59460	43.26000	85.00000	0.00000	0.00000	0.01739	1
		7183	17.34890	43.26000	85.00000	0.00000	0.00000	0.02475	1
		7184	18.10320	43.26000	85.00000	0.00000	0.00000	0.03381	1
		7185	18.85750	43.26000	85.00000	0.00000	0.00000	0.04494	1
		7186	19.61180	43.26000	85.00000	0.00000	0.00000	0.05860	1
		7187	20.36610	43.26000	85.00000	0.00000	0.00000	0.07535	1
		7188	21.12040	43.26000	85.00000	0.00000	0.00000	0.09589	1
		7189	21.87470	43.26000	85.00000	0.00000	0.00000	0.12104	1
		7190	22.62900	43.26000	85.00000	0.00000	0.00000	0.15185	1
		7191	23.38330	43.26000	85.00000	0.00000	0.00000	0.18958	1
		7192	24.13760	43.26000	85.00000	0.00000	0.00000	0.23578	1
		7193	24.89190	43.26000	85.00000	0.00000	0.00000	0.29236	1
		7194	25.64620	43.26000	85.00000	0.00000	0.00000	0.36167	1
		7195	26.40050	43.26000	85.00000	0.00000	0.00000	0.44660	1
		7196	27.15480	43.26000	85.00000	0.00000	0.00000	0.55075	1
		7197	27.90910	43.26000	85.00000	0.00000	0.00000	0.67864	1
		7198	28.66340	43.26000	85.00000	0.00000	0.00000	0.83617	1
		7199	29.41770	43.26000	85.00000	0.00000	0.00000	1.03183	1
		7200	30.17200	43.26000	85.00000	0.00000	0.00000	1.28056	1
		7201	30.92630	43.26000	85.00000	0.00000	0.00000	1.61765	1
		7202	31.68060	43.26000	85.00000	0.00000	0.00000	2.23399	1
		7203	32.43490	43.26000	85.00000	0.00000	0.00000	3.04236	1
		7204	33.18920	43.26000	85.00000	0.00000	0.00000	3.48994	1
		7205	33.94350	43.26000	85.00000	0.00000	0.00000	3.78525	1
		7206	34.69780	43.26000	85.00000	0.00000	0.00000	3.95768	1
		7207	35.45210	43.26000	85.00000	0.00000	0.00000	3.68456	1
		7208	36.20640	43.26000	85.00000	0.00000	0.00000	3.80170	1
		7209	36.96070	43.26000	85.00000	0.00000	0.00000	3.97057	1
		7210	37.71500	43.26000	85.00000	0.00000	0.00000	4.06533	1
		7211	38.46930	43.26000	85.00000	0.00000	0.00000	4.04759	1
		7212	39.22360	43.26000	85.00000	0.00000	0.00000	3.52868	1
		7213	39.97790	43.26000	85.00000	0.00000	0.00000	3.49332	1
		7214	40.73220	43.26000	85.00000	0.00000	0.00000	3.50799	1
		7215	41.48650	43.26000	85.00000	0.00000	0.00000	3.42574	1
		7216	42.24080	43.26000	85.00000	0.00000	0.00000	3.07209	1
		7217	42.99510	43.26000	85.00000	0.00000	0.00000	2.13716	1
		7218	43.74940	43.26000	85.00000	0.00000	0.00000	1.76156	1
		7219	44.50370	43.26000	85.00000	0.00000	0.00000	1.49135	1
		7220	45.25800	43.26000	85.00000	0.00000	0.00000	1.26670	1
		7221	46.01230	43.26000	85.00000	0.00000	0.00000	1.06895	1
		7222	46.76660	43.26000	85.00000	0.00000	0.00000	0.89425	1
		7223	47.52090	43.26000	85.00000	0.00000	0.00000	0.74273	1
		7224	48.27520	43.26000	85.00000	0.00000	0.00000	0.61369	1
		7225	49.02950	43.26000	85.00000	0.00000	0.00000	0.50509	1
		7226	49.78380	43.26000	85.00000	0.00000	0.00000	0.41435	1
		7227	50.53810	43.26000	85.00000	0.00000	0.00000	0.33887	1
		7228	51.29240	43.26000	85.00000	0.00000	0.00000	0.27628	1
		7229	52.04670	43.26000	85.00000	0.00000	0.00000	0.22449	1
		7230	52.80100	43.26000	85.00000	0.00000	0.00000	0.18170	1
		7231	53.55530	43.26000	85.00000	0.00000	0.00000	0.14640	1
		7232	54.30960	43.26000	85.00000	0.00000	0.00000	0.11731	1
		7233	55.06390	43.26000	85.00000	0.00000	0.00000	0.09337	1
		7234	55.81820	43.26000	85.00000	0.00000	0.00000	0.07369	1
		7235	56.57250	43.26000	85.00000	0.00000	0.00000	0.05753	1
		7236	57.32680	43.26000	85.00000	0.00000	0.00000	0.04428	1
		7237	58.08110	43.26000	85.00000	0.00000	0.00000	0.03343	1
		7238	58.83540	43.26000	85.00000	0.00000	0.00000	0.02455	1
		7239	59.58970	43.26000					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		7273	9.05160	43.98100	85.00000	0.00000	0.00000	-0.00942	1
		7274	9.80590	43.98100	85.00000	0.00000	0.00000	-0.00878	1
		7275	10.56020	43.98100	85.00000	0.00000	0.00000	-0.00792	1
		7276	11.31450	43.98100	85.00000	0.00000	0.00000	-0.00680	1
		7277	12.06880	43.98100	85.00000	0.00000	0.00000	-0.00535	1
		7278	12.82310	43.98100	85.00000	0.00000	0.00000	-0.00350	1
		7279	13.57740	43.98100	85.00000	0.00000	0.00000	-0.00117	1
		7280	14.33170	43.98100	85.00000	0.00000	0.00000	0.00174	1
		7281	15.08600	43.98100	85.00000	0.00000	0.00000	0.00537	1
		7282	15.84030	43.98100	85.00000	0.00000	0.00000	0.00985	1
		7283	16.59460	43.98100	85.00000	0.00000	0.00000	0.01539	1
		7284	17.34890	43.98100	85.00000	0.00000	0.00000	0.02220	1
		7285	18.10320	43.98100	85.00000	0.00000	0.00000	0.03056	1
		7286	18.85750	43.98100	85.00000	0.00000	0.00000	0.04080	1
		7287	19.61180	43.98100	85.00000	0.00000	0.00000	0.05333	1
		7288	20.36610	43.98100	85.00000	0.00000	0.00000	0.06863	1
		7289	21.12040	43.98100	85.00000	0.00000	0.00000	0.08731	1
		7290	21.87470	43.98100	85.00000	0.00000	0.00000	0.11008	1
		7291	22.62900	43.98100	85.00000	0.00000	0.00000	0.13783	1
		7292	23.38330	43.98100	85.00000	0.00000	0.00000	0.17159	1
		7293	24.13760	43.98100	85.00000	0.00000	0.00000	0.21265	1
		7294	24.89190	43.98100	85.00000	0.00000	0.00000	0.26254	1
		7295	25.64620	43.98100	85.00000	0.00000	0.00000	0.32310	1
		7296	26.40050	43.98100	85.00000	0.00000	0.00000	0.39652	1
		7297	27.15480	43.98100	85.00000	0.00000	0.00000	0.48545	1
		7298	27.90910	43.98100	85.00000	0.00000	0.00000	0.59311	1
		7299	28.66340	43.98100	85.00000	0.00000	0.00000	0.72351	1
		7300	29.41770	43.98100	85.00000	0.00000	0.00000	0.88205	1
		7301	30.17200	43.98100	85.00000	0.00000	0.00000	1.07673	1
		7302	30.92630	43.98100	85.00000	0.00000	0.00000	1.31984	1
		7303	31.68060	43.98100	85.00000	0.00000	0.00000	1.62035	1
		7304	32.43490	43.98100	85.00000	0.00000	0.00000	1.93416	1
		7305	33.18920	43.98100	85.00000	0.00000	0.00000	2.19870	1
		7306	33.94350	43.98100	85.00000	0.00000	0.00000	2.40266	1
		7307	34.69780	43.98100	85.00000	0.00000	0.00000	2.53720	1
		7308	35.45210	43.98100	85.00000	0.00000	0.00000	2.57577	1
		7309	36.20640	43.98100	85.00000	0.00000	0.00000	2.60067	1
		7310	36.96070	43.98100	85.00000	0.00000	0.00000	2.63842	1
		7311	37.71500	43.98100	85.00000	0.00000	0.00000	2.65850	1
		7312	38.46930	43.98100	85.00000	0.00000	0.00000	2.63114	1
		7313	39.22360	43.98100	85.00000	0.00000	0.00000	2.53713	1
		7314	39.97790	43.98100	85.00000	0.00000	0.00000	2.44307	1
		7315	40.73220	43.98100	85.00000	0.00000	0.00000	2.33988	1
		7316	41.48650	43.98100	85.00000	0.00000	0.00000	2.19187	1
		7317	42.24080	43.98100	85.00000	0.00000	0.00000	1.96427	1
		7318	42.99510	43.98100	85.00000	0.00000	0.00000	1.67938	1
		7319	43.74940	43.98100	85.00000	0.00000	0.00000	1.43089	1
		7320	44.50370	43.98100	85.00000	0.00000	0.00000	1.22559	1
		7321	45.25800	43.98100	85.00000	0.00000	0.00000	1.04921	1
		7322	46.01230	43.98100	85.00000	0.00000	0.00000	0.89357	1
		7323	46.76660	43.98100	85.00000	0.00000	0.00000	0.75562	1
		7324	47.52090	43.98100	85.00000	0.00000	0.00000	0.63450	1
		7325	48.27520	43.98100	85.00000	0.00000	0.00000	0.52956	1
		7326	49.02950	43.98100	85.00000	0.00000	0.00000	0.43971	1
		7327	49.78380	43.98100	85.00000	0.00000	0.00000	0.36345	1
		7328	50.53810	43.98100	85.00000	0.00000	0.00000	0.29917	1
		7329	51.29240	43.98100	85.00000	0.00000	0.00000	0.24524	1
		7330	52.04670	43.98100	85.00000	0.00000	0.00000	0.20016	1
		7331	52.80100	43.98100	85.00000	0.00000	0.00000	0.16261	1
		7332	53.55530	43.98100	85.00000	0.00000	0.00000	0.13139	1
		7333	54.30960	43.98100	85.00000	0.00000	0.00000	0.10551	1
		7334	55.06390	43.98100	85.00000	0.00000	0.00000	0.08407	1
		7335	55.81820	43.98100	85.00000	0.00000	0.00000	0.06636	1
		7336	56.57250	43.98100	85.00000	0.00000	0.00000	0.05175	1
		7337	57.32680	43.98100	85.00000	0.00000	0.00000	0.03972	1
		7338	58.08110	43.98100	85.00000	0.00000	0.00000	0.02983	1
		7339	58.83540	43.98100	85.00000	0.00000	0.00000	0.02172	1
		7340	59.58970	43.98100	85.00000	0.00000	0.00000	0.01508	1
		7341	60.34400	43.98100	85.00000	0.00000	0.00000	0.00966	1
		7342	61.09830	43.98100	85.00000	0.00000	0.00000	0.00525	1
		7343	61.85260	43.98100	85.00000	0.00000	0.00000	0.00167	1
		7344	62.60690	43.98100	85.00000	0.00000	0.00000	-0.00121	1
		7345	63.36120	43.98100	85.00000	0.00000	0.00000	-0.00352	1
		7346	64.11550	43.98100	85.00000	0.00000	0.00000	-0.00536	1
		7347	64.86980	43.98100	85.00000	0.00000	0.00000	-0.00681	1
		7348	65.62410	43.98100	85.00000	0.00000	0.00000	-0.00794	1
		7349	66.37840	43.98100	85.00000	0.00000	0.00000	-0.00880	1
		7350	67.13270	43.98100	85.00000	0.00000	0.00000	-0.00944	1
		7351	67.88700	43.98100	85.00000	0.00000	0.00000	-0.00991	1
		7352	68.64130	43.98100	85.00000	0.00000	0.00000	-0.01023	1
		7353	69.39560	43.98100	85.00000	0.00000	0.00000	-0.01042	1
		7354	70.14990	43.98100	85.00000	0.00000	0.00000	-0.01052	1
		7355	70.90420	43.98100	85.00000	0.00000	0.00000	-0.01054	1
		7356	71.65850	43.98100	85.00000	0.00000	0.00000	-0.01050	1
		7357	72.41280	43.98100	85.00000	0.00000	0.00000	-0.01041	1
		7358	73.16710	43.98100	85.00000	0.00000	0.00000	-0.01027	1
		7359	73.92140	43.98100	85.00000	0.00000	0.00000	-0.01010	1
		7360	74.67570	43.98100	85.00000	0.00000	0.00000	-0.00991	1
		7361	75.43000	43.98100	85.00000	0.00000	0.00000	-0.00970	1
		7362	0.00000	44.70200	85.00000	0.00000	0.00000	-0.00936	1
		7363	0.75430	44.70200	85.00000	0.00000	0.00000	-0.00959	1
		7364	1.50860	44.70200	85.00000	0.00000	0.00000	-0.00981	1
		7365	2.26290	44.70200	85.00000	0.00000	0.00000	-0.01000	1
		7366	3.01720	44.70200	85.00000	0.00000	0.00000	-0.01018	1
		7367	3.77150	44.70200	85.00000	0.00000	0.00000	-0.01032	1
		7368	4.52580	44.70200	85.00000	0.00000	0.00000	-0.0.	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		7403	30.92630	44.70200	85.00000	0.00000	0.00000	1.06886	1
		7404	31.68060	44.70200	85.00000	0.00000	0.00000	1.26164	1
		7405	32.43490	44.70200	85.00000	0.00000	0.00000	1.45567	1
		7406	33.18920	44.70200	85.00000	0.00000	0.00000	1.62877	1
		7407	33.94350	44.70200	85.00000	0.00000	0.00000	1.76810	1
		7408	34.69780	44.70200	85.00000	0.00000	0.00000	1.86761	1
		7409	35.45210	44.70200	85.00000	0.00000	0.00000	1.92839	1
		7410	36.20640	44.70200	85.00000	0.00000	0.00000	1.96566	1
		7411	36.96070	44.70200	85.00000	0.00000	0.00000	1.98875	1
		7412	37.71500	44.70200	85.00000	0.00000	0.00000	1.99296	1
		7413	38.46930	44.70200	85.00000	0.00000	0.00000	1.97040	1
		7414	39.22360	44.70200	85.00000	0.00000	0.00000	1.92007	1
		7415	39.97790	44.70200	85.00000	0.00000	0.00000	1.85054	1
		7416	40.73220	44.70200	85.00000	0.00000	0.00000	1.76170	1
		7417	41.48650	44.70200	85.00000	0.00000	0.00000	1.64486	1
		7418	42.24080	44.70200	85.00000	0.00000	0.00000	1.49522	1
		7419	42.99510	44.70200	85.00000	0.00000	0.00000	1.32508	1
		7420	43.74940	44.70200	85.00000	0.00000	0.00000	1.15812	1
		7421	44.50370	44.70200	85.00000	0.00000	0.00000	1.00599	1
		7422	45.25800	44.70200	85.00000	0.00000	0.00000	0.86945	1
		7423	46.01230	44.70200	85.00000	0.00000	0.00000	0.74688	1
		7424	46.76660	44.70200	85.00000	0.00000	0.00000	0.63718	1
		7425	47.52090	44.70200	85.00000	0.00000	0.00000	0.53982	1
		7426	48.27520	44.70200	85.00000	0.00000	0.00000	0.45438	1
		7427	49.02950	44.70200	85.00000	0.00000	0.00000	0.38022	1
		7428	49.78380	44.70200	85.00000	0.00000	0.00000	0.31646	1
		7429	50.53810	44.70200	85.00000	0.00000	0.00000	0.26205	1
		7430	51.29240	44.70200	85.00000	0.00000	0.00000	0.21592	1
		7431	52.04670	44.70200	85.00000	0.00000	0.00000	0.17700	1
		7432	52.80100	44.70200	85.00000	0.00000	0.00000	0.14429	1
		7433	53.55530	44.70200	85.00000	0.00000	0.00000	0.11690	1
		7434	54.30960	44.70200	85.00000	0.00000	0.00000	0.09403	1
		7435	55.06390	44.70200	85.00000	0.00000	0.00000	0.07499	1
		7436	55.81820	44.70200	85.00000	0.00000	0.00000	0.05917	1
		7437	56.57250	44.70200	85.00000	0.00000	0.00000	0.04606	1
		7438	57.32680	44.70200	85.00000	0.00000	0.00000	0.03521	1
		7439	58.08110	44.70200	85.00000	0.00000	0.00000	0.02626	1
		7440	58.83540	44.70200	85.00000	0.00000	0.00000	0.01889	1
		7441	59.58970	44.70200	85.00000	0.00000	0.00000	0.01284	1
		7442	60.34400	44.70200	85.00000	0.00000	0.00000	0.00790	1
		7443	61.09830	44.70200	85.00000	0.00000	0.00000	0.00386	1
		7444	61.85260	44.70200	85.00000	0.00000	0.00000	0.00059	1
		7445	62.60690	44.70200	85.00000	0.00000	0.00000	-0.00206	1
		7446	63.36120	44.70200	85.00000	0.00000	0.00000	-0.00418	1
		7447	64.11550	44.70200	85.00000	0.00000	0.00000	-0.00587	1
		7448	64.86980	44.70200	85.00000	0.00000	0.00000	-0.00720	1
		7449	65.62410	44.70200	85.00000	0.00000	0.00000	-0.00823	1
		7450	66.37840	44.70200	85.00000	0.00000	0.00000	-0.00901	1
		7451	67.13270	44.70200	85.00000	0.00000	0.00000	-0.00960	1
		7452	67.88700	44.70200	85.00000	0.00000	0.00000	-0.01002	1
		7453	68.64130	44.70200	85.00000	0.00000	0.00000	-0.01030	1
		7454	69.39560	44.70200	85.00000	0.00000	0.00000	-0.01046	1
		7455	70.14990	44.70200	85.00000	0.00000	0.00000	-0.01054	1
		7456	70.90420	44.70200	85.00000	0.00000	0.00000	-0.01054	1
		7457	71.65850	44.70200	85.00000	0.00000	0.00000	-0.01049	1
		7458	72.41280	44.70200	85.00000	0.00000	0.00000	-0.01038	1
		7459	73.16710	44.70200	85.00000	0.00000	0.00000	-0.01024	1
		7460	73.92140	44.70200	85.00000	0.00000	0.00000	-0.01007	1
		7461	74.67570	44.70200	85.00000	0.00000	0.00000	-0.00987	1
		7462	75.43000	44.70200	85.00000	0.00000	0.00000	-0.00966	1
		7463	0.00000	45.42300	85.00000	0.00000	0.00000	-0.00931	1
		7464	0.75430	45.42300	85.00000	0.00000	0.00000	-0.00954	1
		7465	1.50860	45.42300	85.00000	0.00000	0.00000	-0.00976	1
		7466	2.26290	45.42300	85.00000	0.00000	0.00000	-0.00996	1
		7467	3.01720	45.42300	85.00000	0.00000	0.00000	-0.01014	1
		7468	3.77150	45.42300	85.00000	0.00000	0.00000	-0.01029	1
		7469	4.52580	45.42300	85.00000	0.00000	0.00000	-0.01040	1
		7470	5.28010	45.42300	85.00000	0.00000	0.00000	-0.01048	1
		7471	6.03440	45.42300	85.00000	0.00000	0.00000	-0.01049	1
		7472	6.78870	45.42300	85.00000	0.00000	0.00000	-0.01044	1
		7473	7.54300	45.42300	85.00000	0.00000	0.00000	-0.01030	1
		7474	8.29730	45.42300	85.00000	0.00000	0.00000	-0.01005	1
		7475	9.05160	45.42300	85.00000	0.00000	0.00000	-0.00968	1
		7476	9.80590	45.42300	85.00000	0.00000	0.00000	-0.00915	1
		7477	10.56020	45.42300	85.00000	0.00000	0.00000	-0.00843	1
		7478	11.31450	45.42300	85.00000	0.00000	0.00000	-0.00748	1
		7479	12.06880	45.42300	85.00000	0.00000	0.00000	-0.00625	1
		7480	12.82310	45.42300	85.00000	0.00000	0.00000	-0.00468	1
		7481	13.57740	45.42300	85.00000	0.00000	0.00000	-0.00270	1
		7482	14.33170	45.42300	85.00000	0.00000	0.00000	-0.00023	1
		7483	15.08600	45.42300	85.00000	0.00000	0.00000	0.00285	1
		7484	15.84030	45.42300	85.00000	0.00000	0.00000	0.00664	1
		7485	16.59460	45.42300	85.00000	0.00000	0.00000	0.01130	1
		7486	17.34890	45.42300	85.00000	0.00000	0.00000	0.01701	1
		7487	18.10320	45.42300	85.00000	0.00000	0.00000	0.02397	1
		7488	18.85750	45.42300	85.00000	0.00000	0.00000	0.03245	1
		7489	19.61180	45.42300	85.00000	0.00000	0.00000	0.04274	1
		7490	20.36610	45.42300	85.00000	0.00000	0.00000	0.05521	1
		7491	21.12040	45.42300	85.00000	0.00000	0.00000	0.07030	1
		7492	21.87470	45.42300	85.00000	0.00000	0.00000	0.08849	1
		7493	22.62900	45.42300	85.00000	0.00000	0.00000	0.11040	1
		7494	23.38330	45.42300	85.00000	0.00000	0.00000	0.13673	1
		7495	24.13760	45.42300	85.00000	0.00000	0.00000	0.16827	1
		7496	24.89190	45.42300	85.00000	0.00000	0.00000	0.20596	1
		7497	25.64620	45.42300	85.00000	0.00000	0.00000	0.25085	1
		7498	26.40050	45.42300	85.00000	0.00000	0.00000	0.30411	1
		7499	27.15480	45.42300					



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		7533	52.80100	45.42300	85.00000	0.00000	0.00000	0.12697	1
		7534	53.55530	45.42300	85.00000	0.00000	0.00000	0.10310	1
		7535	54.30960	45.42300	85.00000	0.00000	0.00000	0.08305	1
		7536	55.06390	45.42300	85.00000	0.00000	0.00000	0.06624	1
		7537	55.81820	45.42300	85.00000	0.00000	0.00000	0.05221	1
		7538	56.57250	45.42300	85.00000	0.00000	0.00000	0.04052	1
		7539	57.32680	45.42300	85.00000	0.00000	0.00000	0.03080	1
		7540	58.08110	45.42300	85.00000	0.00000	0.00000	0.02276	1
		7541	58.83540	45.42300	85.00000	0.00000	0.00000	0.01612	1
		7542	59.58970	45.42300	85.00000	0.00000	0.00000	0.01065	1
		7543	60.34400	45.42300	85.00000	0.00000	0.00000	0.00616	1
		7544	61.09830	45.42300	85.00000	0.00000	0.00000	0.00249	1
		7545	61.85260	45.42300	85.00000	0.00000	0.00000	-0.00049	1
		7546	62.60690	45.42300	85.00000	0.00000	0.00000	-0.00290	1
		7547	63.36120	45.42300	85.00000	0.00000	0.00000	-0.00483	1
		7548	64.11550	45.42300	85.00000	0.00000	0.00000	-0.00637	1
		7549	64.86980	45.42300	85.00000	0.00000	0.00000	-0.00758	1
		7550	65.62410	45.42300	85.00000	0.00000	0.00000	-0.00852	1
		7551	66.37840	45.42300	85.00000	0.00000	0.00000	-0.00923	1
		7552	67.13270	45.42300	85.00000	0.00000	0.00000	-0.00975	1
		7553	67.88700	45.42300	85.00000	0.00000	0.00000	-0.01012	1
		7554	68.64130	45.42300	85.00000	0.00000	0.00000	-0.01036	1
		7555	69.39560	45.42300	85.00000	0.00000	0.00000	-0.01050	1
		7556	70.14990	45.42300	85.00000	0.00000	0.00000	-0.01055	1
		7557	70.90420	45.42300	85.00000	0.00000	0.00000	-0.01054	1
		7558	71.65850	45.42300	85.00000	0.00000	0.00000	-0.01047	1
		7559	72.41280	45.42300	85.00000	0.00000	0.00000	-0.01035	1
		7560	73.16710	45.42300	85.00000	0.00000	0.00000	-0.01020	1
		7561	73.92140	45.42300	85.00000	0.00000	0.00000	-0.01002	1
		7562	74.67570	45.42300	85.00000	0.00000	0.00000	-0.00982	1
		7563	75.43000	45.42300	85.00000	0.00000	0.00000	-0.00960	1
		7564	0.00000	46.14400	85.00000	0.00000	0.00000	-0.00926	1
		7565	0.75430	46.14400	85.00000	0.00000	0.00000	-0.00949	1
		7566	1.50860	46.14400	85.00000	0.00000	0.00000	-0.00970	1
		7567	2.26290	46.14400	85.00000	0.00000	0.00000	-0.00991	1
		7568	3.01720	46.14400	85.00000	0.00000	0.00000	-0.01009	1
		7569	3.77150	46.14400	85.00000	0.00000	0.00000	-0.01025	1
		7570	4.52580	46.14400	85.00000	0.00000	0.00000	-0.01037	1
		7571	5.28010	46.14400	85.00000	0.00000	0.00000	-0.01046	1
		7572	6.03440	46.14400	85.00000	0.00000	0.00000	-0.01049	1
		7573	6.78870	46.14400	85.00000	0.00000	0.00000	-0.01046	1
		7574	7.54300	46.14400	85.00000	0.00000	0.00000	-0.01034	1
		7575	8.29730	46.14400	85.00000	0.00000	0.00000	-0.01013	1
		7576	9.05160	46.14400	85.00000	0.00000	0.00000	-0.00981	1
		7577	9.80590	46.14400	85.00000	0.00000	0.00000	-0.00933	1
		7578	10.56020	46.14400	85.00000	0.00000	0.00000	-0.00868	1
		7579	11.31450	46.14400	85.00000	0.00000	0.00000	-0.00782	1
		7580	12.06880	46.14400	85.00000	0.00000	0.00000	-0.00670	1
		7581	12.82310	46.14400	85.00000	0.00000	0.00000	-0.00527	1
		7582	13.57740	46.14400	85.00000	0.00000	0.00000	-0.00346	1
		7583	14.33170	46.14400	85.00000	0.00000	0.00000	-0.00121	1
		7584	15.08600	46.14400	85.00000	0.00000	0.00000	0.00159	1
		7585	15.84030	46.14400	85.00000	0.00000	0.00000	0.00504	1
		7586	16.59460	46.14400	85.00000	0.00000	0.00000	0.00927	1
		7587	17.34890	46.14400	85.00000	0.00000	0.00000	0.01444	1
		7588	18.10320	46.14400	85.00000	0.00000	0.00000	0.02073	1
		7589	18.85750	46.14400	85.00000	0.00000	0.00000	0.02836	1
		7590	19.61180	46.14400	85.00000	0.00000	0.00000	0.03759	1
		7591	20.36610	46.14400	85.00000	0.00000	0.00000	0.04872	1
		7592	21.12040	46.14400	85.00000	0.00000	0.00000	0.06212	1
		7593	21.87470	46.14400	85.00000	0.00000	0.00000	0.07820	1
		7594	22.62900	46.14400	85.00000	0.00000	0.00000	0.09744	1
		7595	23.38330	46.14400	85.00000	0.00000	0.00000	0.12040	1
		7596	24.13760	46.14400	85.00000	0.00000	0.00000	0.14771	1
		7597	24.89190	46.14400	85.00000	0.00000	0.00000	0.18006	1
		7598	25.64620	46.14400	85.00000	0.00000	0.00000	0.21823	1
		7599	26.40050	46.14400	85.00000	0.00000	0.00000	0.26302	1
		7600	27.15480	46.14400	85.00000	0.00000	0.00000	0.31525	1
		7601	27.90910	46.14400	85.00000	0.00000	0.00000	0.37571	1
		7602	28.66340	46.14400	85.00000	0.00000	0.00000	0.44501	1
		7603	29.41770	46.14400	85.00000	0.00000	0.00000	0.52339	1
		7604	30.17200	46.14400	85.00000	0.00000	0.00000	0.61038	1
		7605	30.92630	46.14400	85.00000	0.00000	0.00000	0.70421	1
		7606	31.68060	46.14400	85.00000	0.00000	0.00000	0.80130	1
		7607	32.43490	46.14400	85.00000	0.00000	0.00000	0.89636	1
		7608	33.18920	46.14400	85.00000	0.00000	0.00000	0.98364	1
		7609	33.94350	46.14400	85.00000	0.00000	0.00000	1.05844	1
		7610	34.69780	46.14400	85.00000	0.00000	0.00000	1.11805	1
		7611	35.45210	46.14400	85.00000	0.00000	0.00000	1.16191	1
		7612	36.20640	46.14400	85.00000	0.00000	0.00000	1.19091	1
		7613	36.96070	46.14400	85.00000	0.00000	0.00000	1.20600	1
		7614	37.71500	46.14400	85.00000	0.00000	0.00000	1.20733	1
		7615	38.46930	46.14400	85.00000	0.00000	0.00000	1.19462	1
		7616	39.22360	46.14400	85.00000	0.00000	0.00000	1.16791	1
		7617	39.97790	46.14400	85.00000	0.00000	0.00000	1.12770	1
		7618	40.73220	46.14400	85.00000	0.00000	0.00000	1.07438	1
		7619	41.48650	46.14400	85.00000	0.00000	0.00000	1.00847	1
		7620	42.24080	46.14400	85.00000	0.00000	0.00000	0.93166	1
		7621	42.99510	46.14400	85.00000	0.00000	0.00000	0.84756	1
		7622	43.74940	46.14400	85.00000	0.00000	0.00000	0.76086	1
		7623	44.50370	46.14400	85.00000	0.00000	0.00000	0.67562	1
		7624	45.25800	46.14400	85.00000	0.00000	0.00000	0.59446	1
		7625	46.01230	46.14400	85.00000	0.00000	0.00000	0.51877	1
		7626	46.76660	46.14400	85.00000	0.00000	0.00000	0.44921	1
		7627	47.52090	46.14400	85.00000	0.00000	0.00000	0.38610	1
		7628	48.27520	46.14400	85.00000	0.00000	0.00000	0.32950	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		7663	74.67570	46.14400	85.00000	0.00000	0.00000	-0.00977	1
		7664	75.43000	46.14400	85.00000	0.00000	0.00000	-0.00955	1
		7665	0.00000	46.86500	85.00000	0.00000	0.00000	-0.00920	1
		7666	0.75430	46.86500	85.00000	0.00000	0.00000	-0.00943	1
		7667	1.50860	46.86500	85.00000	0.00000	0.00000	-0.00965	1
		7668	2.26290	46.86500	85.00000	0.00000	0.00000	-0.00985	1
		7669	3.01720	46.86500	85.00000	0.00000	0.00000	-0.01004	1
		7670	3.77150	46.86500	85.00000	0.00000	0.00000	-0.01021	1
		7671	4.52580	46.86500	85.00000	0.00000	0.00000	-0.01034	1
		7672	5.28010	46.86500	85.00000	0.00000	0.00000	-0.01044	1
		7673	6.03440	46.86500	85.00000	0.00000	0.00000	-0.01048	1
		7674	6.78870	46.86500	85.00000	0.00000	0.00000	-0.01047	1
		7675	7.54300	46.86500	85.00000	0.00000	0.00000	-0.01039	1
		7676	8.29730	46.86500	85.00000	0.00000	0.00000	-0.01021	1
		7677	9.05160	46.86500	85.00000	0.00000	0.00000	-0.00993	1
		7678	9.80590	46.86500	85.00000	0.00000	0.00000	-0.00951	1
		7679	10.56020	46.86500	85.00000	0.00000	0.00000	-0.00893	1
		7680	11.31450	46.86500	85.00000	0.00000	0.00000	-0.00815	1
		7681	12.06880	46.86500	85.00000	0.00000	0.00000	-0.00714	1
		7682	12.82310	46.86500	85.00000	0.00000	0.00000	-0.00585	1
		7683	13.57740	46.86500	85.00000	0.00000	0.00000	-0.00421	1
		7684	14.33170	46.86500	85.00000	0.00000	0.00000	-0.00217	1
		7685	15.08600	46.86500	85.00000	0.00000	0.00000	0.00036	1
		7686	15.84030	46.86500	85.00000	0.00000	0.00000	0.00348	1
		7687	16.59460	46.86500	85.00000	0.00000	0.00000	0.00730	1
		7688	17.34890	46.86500	85.00000	0.00000	0.00000	0.01195	1
		7689	18.10320	46.86500	85.00000	0.00000	0.00000	0.01759	1
		7690	18.85750	46.86500	85.00000	0.00000	0.00000	0.02441	1
		7691	19.61180	46.86500	85.00000	0.00000	0.00000	0.03262	1
		7692	20.36610	46.86500	85.00000	0.00000	0.00000	0.04249	1
		7693	21.12040	46.86500	85.00000	0.00000	0.00000	0.05431	1
		7694	21.87470	46.86500	85.00000	0.00000	0.00000	0.06841	1
		7695	22.62900	46.86500	85.00000	0.00000	0.00000	0.08519	1
		7696	23.38330	46.86500	85.00000	0.00000	0.00000	0.10507	1
		7697	24.13760	46.86500	85.00000	0.00000	0.00000	0.12854	1
		7698	24.89190	46.86500	85.00000	0.00000	0.00000	0.15611	1
		7699	25.64620	46.86500	85.00000	0.00000	0.00000	0.18833	1
		7700	26.40050	46.86500	85.00000	0.00000	0.00000	0.22574	1
		7701	27.15480	46.86500	85.00000	0.00000	0.00000	0.26885	1
		7702	27.90910	46.86500	85.00000	0.00000	0.00000	0.31805	1
		7703	28.66340	46.86500	85.00000	0.00000	0.00000	0.37355	1
		7704	29.41770	46.86500	85.00000	0.00000	0.00000	0.43517	1
		7705	30.17200	46.86500	85.00000	0.00000	0.00000	0.50218	1
		7706	30.92630	46.86500	85.00000	0.00000	0.00000	0.57301	1
		7707	31.68060	46.86500	85.00000	0.00000	0.00000	0.64515	1
		7708	32.43490	46.86500	85.00000	0.00000	0.00000	0.71531	1
		7709	33.18920	46.86500	85.00000	0.00000	0.00000	0.78003	1
		7710	33.94350	46.86500	85.00000	0.00000	0.00000	0.83635	1
		7711	34.69780	46.86500	85.00000	0.00000	0.00000	0.88232	1
		7712	35.45210	46.86500	85.00000	0.00000	0.00000	0.91708	1
		7713	36.20640	46.86500	85.00000	0.00000	0.00000	0.94054	1
		7714	36.96070	46.86500	85.00000	0.00000	0.00000	0.95292	1
		7715	37.71500	46.86500	85.00000	0.00000	0.00000	0.95430	1
		7716	38.46930	46.86500	85.00000	0.00000	0.00000	0.94472	1
		7717	39.22360	46.86500	85.00000	0.00000	0.00000	0.92434	1
		7718	39.97790	46.86500	85.00000	0.00000	0.00000	0.89352	1
		7719	40.73220	46.86500	85.00000	0.00000	0.00000	0.85278	1
		7720	41.48650	46.86500	85.00000	0.00000	0.00000	0.80300	1
		7721	42.24080	46.86500	85.00000	0.00000	0.00000	0.74567	1
		7722	42.99510	46.86500	85.00000	0.00000	0.00000	0.68312	1
		7723	43.74940	46.86500	85.00000	0.00000	0.00000	0.61808	1
		7724	44.50370	46.86500	85.00000	0.00000	0.00000	0.55314	1
		7725	45.25800	46.86500	85.00000	0.00000	0.00000	0.49026	1
		7726	46.01230	46.86500	85.00000	0.00000	0.00000	0.43074	1
		7727	46.76660	46.86500	85.00000	0.00000	0.00000	0.37536	1
		7728	47.52090	46.86500	85.00000	0.00000	0.00000	0.32457	1
		7729	48.27520	46.86500	85.00000	0.00000	0.00000	0.27858	1
		7730	49.02950	46.86500	85.00000	0.00000	0.00000	0.23739	1
		7731	49.78380	46.86500	85.00000	0.00000	0.00000	0.20088	1
		7732	50.53810	46.86500	85.00000	0.00000	0.00000	0.16881	1
		7733	51.29240	46.86500	85.00000	0.00000	0.00000	0.14087	1
		7734	52.04670	46.86500	85.00000	0.00000	0.00000	0.11668	1
		7735	52.80100	46.86500	85.00000	0.00000	0.00000	0.09588	1
		7736	53.55530	46.86500	85.00000	0.00000	0.00000	0.07809	1
		7737	54.30960	46.86500	85.00000	0.00000	0.00000	0.06294	1
		7738	55.06390	46.86500	85.00000	0.00000	0.00000	0.05011	1
		7739	55.81820	46.86500	85.00000	0.00000	0.00000	0.03927	1
		7740	56.57250	46.86500	85.00000	0.00000	0.00000	0.03015	1
		7741	57.32680	46.86500	85.00000	0.00000	0.00000	0.02252	1
		7742	58.08110	46.86500	85.00000	0.00000	0.00000	0.01614	1
		7743	58.83540	46.86500	85.00000	0.00000	0.00000	0.01084	1
		7744	59.58970	46.86500	85.00000	0.00000	0.00000	0.00645	1
		7745	60.34400	46.86500	85.00000	0.00000	0.00000	0.00283	1
		7746	61.09830	46.86500	85.00000	0.00000	0.00000	-0.00014	1
		7747	61.85260	46.86500	85.00000	0.00000	0.00000	-0.00256	1
		7748	62.60690	46.86500	85.00000	0.00000	0.00000	-0.00452	1
		7749	63.36120	46.86500	85.00000	0.00000	0.00000	-0.00609	1
		7750	64.11550	46.86500	85.00000	0.00000	0.00000	-0.00734	1
		7751	64.86980	46.86500	85.00000	0.00000	0.00000	-0.00831	1
		7752	65.62410	46.86500	85.00000	0.00000	0.00000	-0.00906	1
		7753	66.37840	46.86500	85.00000	0.00000	0.00000	-0.00962	1
		7754	67.13270	46.86500	85.00000	0.00000	0.00000	-0.01003	1
		7755	67.88700	46.86500	85.00000	0.00000	0.00000	-0.01030	1
		7756	68.64130	46.86500	85.00000	0.00000	0.00000	-0.01047	1
		7757	69.39560	46.86500	85.00000	0.00000	0.00000	-0.01055	1
		7758	70.14990	46.86500	85.00000	0.00000	0.00000	-0.01056	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		7793	20.36610	47.58600	85.00000	0.00000	0.00000	0.03658	1
		7794	21.12040	47.58600	85.00000	0.00000	0.00000	0.04693	1
		7795	21.87470	47.58600	85.00000	0.00000	0.00000	0.05922	1
		7796	22.62900	47.58600	85.00000	0.00000	0.00000	0.07375	1
		7797	23.38330	47.58600	85.00000	0.00000	0.00000	0.09086	1
		7798	24.13760	47.58600	85.00000	0.00000	0.00000	0.11089	1
		7799	24.89190	47.58600	85.00000	0.00000	0.00000	0.13424	1
		7800	25.64620	47.58600	85.00000	0.00000	0.00000	0.16128	1
		7801	26.40050	47.58600	85.00000	0.00000	0.00000	0.19235	1
		7802	27.15480	47.58600	85.00000	0.00000	0.00000	0.22775	1
		7803	27.90910	47.58600	85.00000	0.00000	0.00000	0.26764	1
		7804	28.66340	47.58600	85.00000	0.00000	0.00000	0.31201	1
		7805	29.41770	47.58600	85.00000	0.00000	0.00000	0.36053	1
		7806	30.17200	47.58600	85.00000	0.00000	0.00000	0.41246	1
		7807	30.92630	47.58600	85.00000	0.00000	0.00000	0.46656	1
		7808	31.68060	47.58600	85.00000	0.00000	0.00000	0.52106	1
		7809	32.43490	47.58600	85.00000	0.00000	0.00000	0.57391	1
		7810	33.18920	47.58600	85.00000	0.00000	0.00000	0.62257	1
		7811	33.94350	47.58600	85.00000	0.00000	0.00000	0.66541	1
		7812	34.69780	47.58600	85.00000	0.00000	0.00000	0.70887	1
		7813	35.45210	47.58600	85.00000	0.00000	0.00000	0.72813	1
		7814	36.20640	47.58600	85.00000	0.00000	0.00000	0.74682	1
		7815	36.96070	47.58600	85.00000	0.00000	0.00000	0.75684	1
		7816	37.71500	47.58600	85.00000	0.00000	0.00000	0.75821	1
		7817	38.46930	47.58600	85.00000	0.00000	0.00000	0.75100	1
		7818	39.22360	47.58600	85.00000	0.00000	0.00000	0.73540	1
		7819	39.97790	47.58600	85.00000	0.00000	0.00000	0.71174	1
		7820	40.73220	47.58600	85.00000	0.00000	0.00000	0.68057	1
		7821	41.48650	47.58600	85.00000	0.00000	0.00000	0.64269	1
		7822	42.24080	47.58600	85.00000	0.00000	0.00000	0.59930	1
		7823	42.99510	47.58600	85.00000	0.00000	0.00000	0.55197	1
		7824	43.74940	47.58600	85.00000	0.00000	0.00000	0.50248	1
		7825	44.50370	47.58600	85.00000	0.00000	0.00000	0.45254	1
		7826	45.25800	47.58600	85.00000	0.00000	0.00000	0.40358	1
		7827	46.01230	47.58600	85.00000	0.00000	0.00000	0.35569	1
		7828	46.76660	47.58600	85.00000	0.00000	0.00000	0.31258	1
		7829	47.52090	47.58600	85.00000	0.00000	0.00000	0.27174	1
		7830	48.27520	47.58600	85.00000	0.00000	0.00000	0.23441	1
		7831	49.02950	47.58600	85.00000	0.00000	0.00000	0.20068	1
		7832	49.78380	47.58600	85.00000	0.00000	0.00000	0.17054	1
		7833	50.53810	47.58600	85.00000	0.00000	0.00000	0.14385	1
		7834	51.29240	47.58600	85.00000	0.00000	0.00000	0.12040	1
		7835	52.04670	47.58600	85.00000	0.00000	0.00000	0.09996	1
		7836	52.80100	47.58600	85.00000	0.00000	0.00000	0.08226	1
		7837	53.55530	47.58600	85.00000	0.00000	0.00000	0.06702	1
		7838	54.30960	47.58600	85.00000	0.00000	0.00000	0.05396	1
		7839	55.06390	47.58600	85.00000	0.00000	0.00000	0.04284	1
		7840	55.81820	47.58600	85.00000	0.00000	0.00000	0.03339	1
		7841	56.57250	47.58600	85.00000	0.00000	0.00000	0.02542	1
		7842	57.32680	47.58600	85.00000	0.00000	0.00000	0.01871	1
		7843	58.08110	47.58600	85.00000	0.00000	0.00000	0.01308	1
		7844	58.83540	47.58600	85.00000	0.00000	0.00000	0.00839	1
		7845	59.58970	47.58600	85.00000	0.00000	0.00000	0.00449	1
		7846	60.34400	47.58600	85.00000	0.00000	0.00000	0.00127	1
		7847	61.09830	47.58600	85.00000	0.00000	0.00000	-0.00137	1
		7848	61.85260	47.58600	85.00000	0.00000	0.00000	-0.00353	1
		7849	62.60690	47.58600	85.00000	0.00000	0.00000	-0.00528	1
		7850	63.36120	47.58600	85.00000	0.00000	0.00000	-0.00668	1
		7851	64.11550	47.58600	85.00000	0.00000	0.00000	-0.00779	1
		7852	64.86980	47.58600	85.00000	0.00000	0.00000	-0.00865	1
		7853	65.62410	47.58600	85.00000	0.00000	0.00000	-0.00931	1
		7854	66.37840	47.58600	85.00000	0.00000	0.00000	-0.00980	1
		7855	67.13270	47.58600	85.00000	0.00000	0.00000	-0.01015	1
		7856	67.88700	47.58600	85.00000	0.00000	0.00000	-0.01038	1
		7857	68.64130	47.58600	85.00000	0.00000	0.00000	-0.01051	1
		7858	69.39560	47.58600	85.00000	0.00000	0.00000	-0.01057	1
		7859	70.14990	47.58600	85.00000	0.00000	0.00000	-0.01055	1
		7860	70.90420	47.58600	85.00000	0.00000	0.00000	-0.01048	1
		7861	71.65850	47.58600	85.00000	0.00000	0.00000	-0.01037	1
		7862	72.41280	47.58600	85.00000	0.00000	0.00000	-0.01023	1
		7863	73.16710	47.58600	85.00000	0.00000	0.00000	-0.01005	1
		7864	73.92140	47.58600	85.00000	0.00000	0.00000	-0.00986	1
		7865	74.67570	47.58600	85.00000	0.00000	0.00000	-0.00965	1
		7866	75.43000	47.58600	85.00000	0.00000	0.00000	-0.00943	1
		7867	0.00000	48.30700	85.00000	0.00000	0.00000	-0.00906	1
		7868	0.75430	48.30700	85.00000	0.00000	0.00000	-0.00929	1
		7869	1.50860	48.30700	85.00000	0.00000	0.00000	-0.00952	1
		7870	2.26290	48.30700	85.00000	0.00000	0.00000	-0.00973	1
		7871	3.01720	48.30700	85.00000	0.00000	0.00000	-0.00993	1
		7872	3.77150	48.30700	85.00000	0.00000	0.00000	-0.01010	1
		7873	4.52580	48.30700	85.00000	0.00000	0.00000	-0.01026	1
		7874	5.28010	48.30700	85.00000	0.00000	0.00000	-0.01037	1
		7875	6.03440	48.30700	85.00000	0.00000	0.00000	-0.01045	1
		7876	6.78870	48.30700	85.00000	0.00000	0.00000	-0.01048	1
		7877	7.54300	48.30700	85.00000	0.00000	0.00000	-0.01045	1
		7878	8.29730	48.30700	85.00000	0.00000	0.00000	-0.01034	1
		7879	9.05160	48.30700	85.00000	0.00000	0.00000	-0.01014	1
		7880	9.80590	48.30700	85.00000	0.00000	0.00000	-0.00983	1
		7881	10.56020	48.30700	85.00000	0.00000	0.00000	-0.00938	1
		7882	11.31450	48.30700	85.00000	0.00000	0.00000	-0.00877	1
		7883	12.06880	48.30700	85.00000	0.00000	0.00000	-0.00797	1
		7884	12.82310	48.30700	85.00000	0.00000	0.00000	-0.00694	1
		7885	13.57740	48.30700	85.00000	0.00000	0.00000	-0.00563	1
		7886	14.33170	48.30700	85.00000	0.00000	0.00000	-0.00399	1
		7887	15.08600	48.30700	85.00000	0.00000	0.00000	-0.00196	1
		7888	15.84030	48.30700	85.00000	0.00000	0.00000	0.00053	1
		7889	16.59460	48.30700					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		7923	42.24080	48.30700	85.00000	0.00000	0.00000	0.48278	1
		7924	42.99510	48.30700	85.00000	0.00000	0.00000	0.44657	1
		7925	43.74940	48.30700	85.00000	0.00000	0.00000	0.40852	1
		7926	44.50370	48.30700	85.00000	0.00000	0.00000	0.36984	1
		7927	45.25800	48.30700	85.00000	0.00000	0.00000	0.33156	1
		7928	46.01230	48.30700	85.00000	0.00000	0.00000	0.29454	1
		7929	46.76660	48.30700	85.00000	0.00000	0.00000	0.25940	1
		7930	47.52090	48.30700	85.00000	0.00000	0.00000	0.22656	1
		7931	48.27520	48.30700	85.00000	0.00000	0.00000	0.19629	1
		7932	49.02950	48.30700	85.00000	0.00000	0.00000	0.16872	1
		7933	49.78380	48.30700	85.00000	0.00000	0.00000	0.14389	1
		7934	50.53810	48.30700	85.00000	0.00000	0.00000	0.12173	1
		7935	51.29240	48.30700	85.00000	0.00000	0.00000	0.10213	1
		7936	52.04670	48.30700	85.00000	0.00000	0.00000	0.08493	1
		7937	52.80100	48.30700	85.00000	0.00000	0.00000	0.06992	1
		7938	53.55530	48.30700	85.00000	0.00000	0.00000	0.05693	1
		7939	54.30960	48.30700	85.00000	0.00000	0.00000	0.04573	1
		7940	55.06390	48.30700	85.00000	0.00000	0.00000	0.03614	1
		7941	55.81820	48.30700	85.00000	0.00000	0.00000	0.02796	1
		7942	56.57250	48.30700	85.00000	0.00000	0.00000	0.02101	1
		7943	57.32680	48.30700	85.00000	0.00000	0.00000	0.01515	1
		7944	58.08110	48.30700	85.00000	0.00000	0.00000	0.01021	1
		7945	58.83540	48.30700	85.00000	0.00000	0.00000	0.00609	1
		7946	59.58970	48.30700	85.00000	0.00000	0.00000	0.00265	1
		7947	60.34400	48.30700	85.00000	0.00000	0.00000	-0.00019	1
		7948	61.09830	48.30700	85.00000	0.00000	0.00000	-0.00254	1
		7949	61.85260	48.30700	85.00000	0.00000	0.00000	-0.00445	1
		7950	62.60690	48.30700	85.00000	0.00000	0.00000	-0.00599	1
		7951	63.36120	48.30700	85.00000	0.00000	0.00000	-0.00723	1
		7952	64.11550	48.30700	85.00000	0.00000	0.00000	-0.00821	1
		7953	64.86980	48.30700	85.00000	0.00000	0.00000	-0.00997	1
		7954	65.62410	48.30700	85.00000	0.00000	0.00000	-0.00955	1
		7955	66.37840	48.30700	85.00000	0.00000	0.00000	-0.00997	1
		7956	67.13270	48.30700	85.00000	0.00000	0.00000	-0.01026	1
		7957	67.88700	48.30700	85.00000	0.00000	0.00000	-0.01045	1
		7958	68.64130	48.30700	85.00000	0.00000	0.00000	-0.01055	1
		7959	69.39560	48.30700	85.00000	0.00000	0.00000	-0.01057	1
		7960	70.14990	48.30700	85.00000	0.00000	0.00000	-0.01054	1
		7961	70.90420	48.30700	85.00000	0.00000	0.00000	-0.01045	1
		7962	71.65850	48.30700	85.00000	0.00000	0.00000	-0.01033	1
		7963	72.41280	48.30700	85.00000	0.00000	0.00000	-0.01017	1
		7964	73.16710	48.30700	85.00000	0.00000	0.00000	-0.00999	1
		7965	73.92140	48.30700	85.00000	0.00000	0.00000	-0.00980	1
		7966	74.67570	48.30700	85.00000	0.00000	0.00000	-0.00958	1
		7967	75.43000	48.30700	85.00000	0.00000	0.00000	-0.00936	1
		7968	0.00000	49.02800	85.00000	0.00000	0.00000	-0.00899	1
		7969	0.75430	49.02800	85.00000	0.00000	0.00000	-0.00922	1
		7970	1.50860	49.02800	85.00000	0.00000	0.00000	-0.00945	1
		7971	2.26290	49.02800	85.00000	0.00000	0.00000	-0.00966	1
		7972	3.01720	49.02800	85.00000	0.00000	0.00000	-0.00986	1
		7973	3.77150	49.02800	85.00000	0.00000	0.00000	-0.01004	1
		7974	4.52580	49.02800	85.00000	0.00000	0.00000	-0.01020	1
		7975	5.28010	49.02800	85.00000	0.00000	0.00000	-0.01033	1
		7976	6.03440	49.02800	85.00000	0.00000	0.00000	-0.01043	1
		7977	6.78870	49.02800	85.00000	0.00000	0.00000	-0.01048	1
		7978	7.54300	49.02800	85.00000	0.00000	0.00000	-0.01047	1
		7979	8.29730	49.02800	85.00000	0.00000	0.00000	-0.01039	1
		7980	9.05160	49.02800	85.00000	0.00000	0.00000	-0.01023	1
		7981	9.80590	49.02800	85.00000	0.00000	0.00000	-0.00997	1
		7982	10.56020	49.02800	85.00000	0.00000	0.00000	-0.00959	1
		7983	11.31450	49.02800	85.00000	0.00000	0.00000	-0.00906	1
		7984	12.06880	49.02800	85.00000	0.00000	0.00000	-0.00835	1
		7985	12.82310	49.02800	85.00000	0.00000	0.00000	-0.00744	1
		7986	13.57740	49.02800	85.00000	0.00000	0.00000	-0.00629	1
		7987	14.33170	49.02800	85.00000	0.00000	0.00000	-0.00484	1
		7988	15.08600	49.02800	85.00000	0.00000	0.00000	-0.00304	1
		7989	15.84030	49.02800	85.00000	0.00000	0.00000	-0.00083	1
		7990	16.59460	49.02800	85.00000	0.00000	0.00000	0.00185	1
		7991	17.34890	49.02800	85.00000	0.00000	0.00000	0.00510	1
		7992	18.10320	49.02800	85.00000	0.00000	0.00000	0.00902	1
		7993	18.85750	49.02800	85.00000	0.00000	0.00000	0.01370	1
		7994	19.61180	49.02800	85.00000	0.00000	0.00000	0.01928	1
		7995	20.36610	49.02800	85.00000	0.00000	0.00000	0.02589	1
		7996	21.12040	49.02800	85.00000	0.00000	0.00000	0.03369	1
		7997	21.87470	49.02800	85.00000	0.00000	0.00000	0.04286	1
		7998	22.62900	49.02800	85.00000	0.00000	0.00000	0.05356	1
		7999	23.38330	49.02800	85.00000	0.00000	0.00000	0.06600	1
		8000	24.13760	49.02800	85.00000	0.00000	0.00000	0.08036	1
		8001	24.89190	49.02800	85.00000	0.00000	0.00000	0.09684	1
		8002	25.64620	49.02800	85.00000	0.00000	0.00000	0.11560	1
		8003	26.40050	49.02800	85.00000	0.00000	0.00000	0.13676	1
		8004	27.15480	49.02800	85.00000	0.00000	0.00000	0.16038	1
		8005	27.90910	49.02800	85.00000	0.00000	0.00000	0.18644	1
		8006	28.66340	49.02800	85.00000	0.00000	0.00000	0.21477	1
		8007	29.41770	49.02800	85.00000	0.00000	0.00000	0.24503	1
		8008	30.17200	49.02800	85.00000	0.00000	0.00000	0.27670	1
		8009	30.92630	49.02800	85.00000	0.00000	0.00000	0.30904	1
		8010	31.68060	49.02800	85.00000	0.00000	0.00000	0.34115	1
		8011	32.43490	49.02800	85.00000	0.00000	0.00000	0.37200	1
		8012	33.18920	49.02800	85.00000	0.00000	0.00000	0.40054	1
		8013	33.94350	49.02800	85.00000	0.00000	0.00000	0.42582	1
		8014	34.69780	49.02800	85.00000	0.00000	0.00000	0.44706	1
		8015	35.45210	49.02800	85.00000	0.00000	0.00000	0.46368	1
		8016	36.20640	49.02800	85.00000	0.00000	0.00000	0.47530	1
		8017	36.96070	49.02800	85.00000	0.00000	0.00000	0.48171	1
		8018	37.71500	49.02800	85.00000	0.00000	0.00000	0.48285	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		8053	64.11550	49.02800	85.00000	0.00000	0.00000	-0.00861	1
		8054	64.86980	49.02800	85.00000	0.00000	0.00000	-0.00927	1
		8055	65.62410	49.02800	85.00000	0.00000	0.00000	-0.010376	1
		8056	66.37840	49.02800	85.00000	0.00000	0.00000	-0.01012	1
		8057	67.13270	49.02800	85.00000	0.00000	0.00000	-0.01036	1
		8058	67.88700	49.02800	85.00000	0.00000	0.00000	-0.01051	1
		8059	68.64130	49.02800	85.00000	0.00000	0.00000	-0.01057	1
		8060	69.39560	49.02800	85.00000	0.00000	0.00000	-0.01057	1
		8061	70.14990	49.02800	85.00000	0.00000	0.00000	-0.01051	1
		8062	70.90420	49.02800	85.00000	0.00000	0.00000	-0.01041	1
		8063	71.65850	49.02800	85.00000	0.00000	0.00000	-0.01028	1
		8064	72.41280	49.02800	85.00000	0.00000	0.00000	-0.01012	1
		8065	73.16710	49.02800	85.00000	0.00000	0.00000	-0.00993	1
		8066	73.92140	49.02800	85.00000	0.00000	0.00000	-0.00973	1
		8067	74.67570	49.02800	85.00000	0.00000	0.00000	-0.00951	1
		8068	75.43000	49.02800	85.00000	0.00000	0.00000	-0.00928	1
		8069	0.00000	49.74900	85.00000	0.00000	0.00000	-0.00891	1
		8070	0.75430	49.74900	85.00000	0.00000	0.00000	-0.00914	1
		8071	1.50860	49.74900	85.00000	0.00000	0.00000	-0.00937	1
		8072	2.26290	49.74900	85.00000	0.00000	0.00000	-0.00959	1
		8073	3.01720	49.74900	85.00000	0.00000	0.00000	-0.00979	1
		8074	3.77150	49.74900	85.00000	0.00000	0.00000	-0.00998	1
		8075	4.52580	49.74900	85.00000	0.00000	0.00000	-0.01015	1
		8076	5.28010	49.74900	85.00000	0.00000	0.00000	-0.01029	1
		8077	6.03440	49.74900	85.00000	0.00000	0.00000	-0.01040	1
		8078	6.78870	49.74900	85.00000	0.00000	0.00000	-0.01046	1
		8079	7.54300	49.74900	85.00000	0.00000	0.00000	-0.01048	1
		8080	8.29730	49.74900	85.00000	0.00000	0.00000	-0.01043	1
		8081	9.05160	49.74900	85.00000	0.00000	0.00000	-0.01031	1
		8082	9.80590	49.74900	85.00000	0.00000	0.00000	-0.01009	1
		8083	10.56020	49.74900	85.00000	0.00000	0.00000	-0.00977	1
		8084	11.31450	49.74900	85.00000	0.00000	0.00000	-0.00932	1
		8085	12.06880	49.74900	85.00000	0.00000	0.00000	-0.00871	1
		8086	12.82310	49.74900	85.00000	0.00000	0.00000	-0.00791	1
		8087	13.57740	49.74900	85.00000	0.00000	0.00000	-0.00690	1
		8088	14.33170	49.74900	85.00000	0.00000	0.00000	-0.00563	1
		8089	15.08600	49.74900	85.00000	0.00000	0.00000	-0.00405	1
		8090	15.84030	49.74900	85.00000	0.00000	0.00000	-0.00211	1
		8091	16.59460	49.74900	85.00000	0.00000	0.00000	0.00025	1
		8092	17.34890	49.74900	85.00000	0.00000	0.00000	0.00310	1
		8093	18.10320	49.74900	85.00000	0.00000	0.00000	0.00652	1
		8094	18.85750	49.74900	85.00000	0.00000	0.00000	0.01060	1
		8095	19.61180	49.74900	85.00000	0.00000	0.00000	0.01544	1
		8096	20.36610	49.74900	85.00000	0.00000	0.00000	0.02116	1
		8097	21.12040	49.74900	85.00000	0.00000	0.00000	0.02787	1
		8098	21.87470	49.74900	85.00000	0.00000	0.00000	0.03572	1
		8099	22.62900	49.74900	85.00000	0.00000	0.00000	0.04483	1
		8100	23.38330	49.74900	85.00000	0.00000	0.00000	0.05536	1
		8101	24.13760	49.74900	85.00000	0.00000	0.00000	0.06743	1
		8102	24.89190	49.74900	85.00000	0.00000	0.00000	0.08118	1
		8103	25.64620	49.74900	85.00000	0.00000	0.00000	0.09672	1
		8104	26.40050	49.74900	85.00000	0.00000	0.00000	0.11409	1
		8105	27.15480	49.74900	85.00000	0.00000	0.00000	0.13333	1
		8106	27.90910	49.74900	85.00000	0.00000	0.00000	0.15435	1
		8107	28.66340	49.74900	85.00000	0.00000	0.00000	0.17699	1
		8108	29.41770	49.74900	85.00000	0.00000	0.00000	0.20096	1
		8109	30.17200	49.74900	85.00000	0.00000	0.00000	0.22584	1
		8110	30.92630	49.74900	85.00000	0.00000	0.00000	0.25107	1
		8111	31.68060	49.74900	85.00000	0.00000	0.00000	0.27598	1
		8112	32.43490	49.74900	85.00000	0.00000	0.00000	0.29983	1
		8113	33.18920	49.74900	85.00000	0.00000	0.00000	0.32189	1
		8114	33.94350	49.74900	85.00000	0.00000	0.00000	0.34146	1
		8115	34.69780	49.74900	85.00000	0.00000	0.00000	0.35796	1
		8116	35.45210	49.74900	85.00000	0.00000	0.00000	0.37093	1
		8117	36.20640	49.74900	85.00000	0.00000	0.00000	0.38006	1
		8118	36.96070	49.74900	85.00000	0.00000	0.00000	0.38515	1
		8119	37.71500	49.74900	85.00000	0.00000	0.00000	0.38614	1
		8120	38.46930	49.74900	85.00000	0.00000	0.00000	0.38305	1
		8121	39.22360	49.74900	85.00000	0.00000	0.00000	0.37599	1
		8122	39.97790	49.74900	85.00000	0.00000	0.00000	0.36519	1
		8123	40.73220	49.74900	85.00000	0.00000	0.00000	0.35095	1
		8124	41.48650	49.74900	85.00000	0.00000	0.00000	0.33370	1
		8125	42.24080	49.74900	85.00000	0.00000	0.00000	0.31396	1
		8126	42.99510	49.74900	85.00000	0.00000	0.00000	0.29231	1
		8127	43.74940	49.74900	85.00000	0.00000	0.00000	0.26938	1
		8128	44.50370	49.74900	85.00000	0.00000	0.00000	0.24581	1
		8129	45.25800	49.74900	85.00000	0.00000	0.00000	0.22217	1
		8130	46.01230	49.74900	85.00000	0.00000	0.00000	0.19895	1
		8131	46.76660	49.74900	85.00000	0.00000	0.00000	0.17658	1
		8132	47.52090	49.74900	85.00000	0.00000	0.00000	0.15536	1
		8133	48.27520	49.74900	85.00000	0.00000	0.00000	0.13551	1
		8134	49.02950	49.74900	85.00000	0.00000	0.00000	0.11717	1
		8135	49.78380	49.74900	85.00000	0.00000	0.00000	0.10042	1
		8136	50.53810	49.74900	85.00000	0.00000	0.00000	0.08527	1
		8137	51.29240	49.74900	85.00000	0.00000	0.00000	0.07169	1
		8138	52.04670	49.74900	85.00000	0.00000	0.00000	0.05962	1
		8139	52.80100	49.74900	85.00000	0.00000	0.00000	0.04897	1
		8140	53.55530	49.74900	85.00000	0.00000	0.00000	0.03964	1
		8141	54.30960	49.74900	85.00000	0.00000	0.00000	0.03151	1
		8142	55.06390	49.74900	85.00000	0.00000	0.00000	0.02448	1
		8143	55.81820	49.74900	85.00000	0.00000	0.00000	0.01843	1
		8144	56.57250	49.74900	85.00000	0.00000	0.00000	0.01325	1
		8145	57.32680	49.74900	85.00000	0.00000	0.00000	0.00884	1
		8146	58.08110	49.74900	85.00000	0.00000	0.00000	0.00511	1
		8147	58.83540	49.74900	85.00000	0.00000	0.00000	0.00197	1
		8148	59.58970	49.74900	85.00000	0.00000	0.00000	-0.00065	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		8183	9.80590	50.47000	85.00000	0.00000	0.00000	-0.01020	1
		8184	10.56020	50.47000	85.00000	0.00000	0.00000	-0.00994	1
		8185	11.31450	50.47000	85.00000	0.00000	0.00000	-0.00955	1
		8186	12.06880	50.47000	85.00000	0.00000	0.00000	-0.00903	1
		8187	12.82310	50.47000	85.00000	0.00000	0.00000	-0.00835	1
		8188	13.57740	50.47000	85.00000	0.00000	0.00000	-0.00747	1
		8189	14.33170	50.47000	85.00000	0.00000	0.00000	-0.00636	1
		8190	15.08600	50.47000	85.00000	0.00000	0.00000	-0.00498	1
		8191	15.84030	50.47000	85.00000	0.00000	0.00000	-0.00329	1
		8192	16.59460	50.47000	85.00000	0.00000	0.00000	-0.00124	1
		8193	17.34890	50.47000	85.00000	0.00000	0.00000	0.00124	1
		8194	18.10320	50.47000	85.00000	0.00000	0.00000	0.00421	1
		8195	18.85750	50.47000	85.00000	0.00000	0.00000	0.00775	1
		8196	19.61180	50.47000	85.00000	0.00000	0.00000	0.01193	1
		8197	20.36610	50.47000	85.00000	0.00000	0.00000	0.01685	1
		8198	21.12040	50.47000	85.00000	0.00000	0.00000	0.02260	1
		8199	21.87470	50.47000	85.00000	0.00000	0.00000	0.02928	1
		8200	22.62900	50.47000	85.00000	0.00000	0.00000	0.03700	1
		8201	23.38330	50.47000	85.00000	0.00000	0.00000	0.04587	1
		8202	24.13760	50.47000	85.00000	0.00000	0.00000	0.05598	1
		8203	24.89190	50.47000	85.00000	0.00000	0.00000	0.06741	1
		8204	25.64620	50.47000	85.00000	0.00000	0.00000	0.08023	1
		8205	26.40050	50.47000	85.00000	0.00000	0.00000	0.09446	1
		8206	27.15480	50.47000	85.00000	0.00000	0.00000	0.11010	1
		8207	27.90910	50.47000	85.00000	0.00000	0.00000	0.12704	1
		8208	28.66340	50.47000	85.00000	0.00000	0.00000	0.14515	1
		8209	29.41770	50.47000	85.00000	0.00000	0.00000	0.16417	1
		8210	30.17200	50.47000	85.00000	0.00000	0.00000	0.18378	1
		8211	30.92630	50.47000	85.00000	0.00000	0.00000	0.20354	1
		8212	31.68060	50.47000	85.00000	0.00000	0.00000	0.22296	1
		8213	32.43490	50.47000	85.00000	0.00000	0.00000	0.24150	1
		8214	33.18920	50.47000	85.00000	0.00000	0.00000	0.25863	1
		8215	33.94350	50.47000	85.00000	0.00000	0.00000	0.27384	1
		8216	34.69780	50.47000	85.00000	0.00000	0.00000	0.28669	1
		8217	35.45210	50.47000	85.00000	0.00000	0.00000	0.29682	1
		8218	36.20640	50.47000	85.00000	0.00000	0.00000	0.30399	1
		8219	36.96070	50.47000	85.00000	0.00000	0.00000	0.30802	1
		8220	37.71500	50.47000	85.00000	0.00000	0.00000	0.30887	1
		8221	38.46930	50.47000	85.00000	0.00000	0.00000	0.30652	1
		8222	39.22360	50.47000	85.00000	0.00000	0.00000	0.30109	1
		8223	39.97790	50.47000	85.00000	0.00000	0.00000	0.29273	1
		8224	40.73220	50.47000	85.00000	0.00000	0.00000	0.28170	1
		8225	41.48650	50.47000	85.00000	0.00000	0.00000	0.26832	1
		8226	42.24080	50.47000	85.00000	0.00000	0.00000	0.25298	1
		8227	42.99510	50.47000	85.00000	0.00000	0.00000	0.23612	1
		8228	43.74940	50.47000	85.00000	0.00000	0.00000	0.21820	1
		8229	44.50370	50.47000	85.00000	0.00000	0.00000	0.19969	1
		8230	45.25800	50.47000	85.00000	0.00000	0.00000	0.18103	1
		8231	46.01230	50.47000	85.00000	0.00000	0.00000	0.16260	1
		8232	46.76660	50.47000	85.00000	0.00000	0.00000	0.14473	1
		8233	47.52090	50.47000	85.00000	0.00000	0.00000	0.12767	1
		8234	48.27520	50.47000	85.00000	0.00000	0.00000	0.11161	1
		8235	49.02950	50.47000	85.00000	0.00000	0.00000	0.09668	1
		8236	49.78380	50.47000	85.00000	0.00000	0.00000	0.08296	1
		8237	50.53810	50.47000	85.00000	0.00000	0.00000	0.07047	1
		8238	51.29240	50.47000	85.00000	0.00000	0.00000	0.05921	1
		8239	52.04670	50.47000	85.00000	0.00000	0.00000	0.04915	1
		8240	52.80100	50.47000	85.00000	0.00000	0.00000	0.04022	1
		8241	53.55530	50.47000	85.00000	0.00000	0.00000	0.03236	1
		8242	54.30960	50.47000	85.00000	0.00000	0.00000	0.02548	1
		8243	55.06390	50.47000	85.00000	0.00000	0.00000	0.01950	1
		8244	55.81820	50.47000	85.00000	0.00000	0.00000	0.01433	1
		8245	56.57250	50.47000	85.00000	0.00000	0.00000	0.00989	1
		8246	57.32680	50.47000	85.00000	0.00000	0.00000	0.00610	1
		8247	58.08110	50.47000	85.00000	0.00000	0.00000	0.00288	1
		8248	58.83540	50.47000	85.00000	0.00000	0.00000	0.00017	1
		8249	59.58970	50.47000	85.00000	0.00000	0.00000	-0.00211	1
		8250	60.34400	50.47000	85.00000	0.00000	0.00000	-0.00400	1
		8251	61.09830	50.47000	85.00000	0.00000	0.00000	-0.00555	1
		8252	61.85260	50.47000	85.00000	0.00000	0.00000	-0.00682	1
		8253	62.60690	50.47000	85.00000	0.00000	0.00000	-0.00785	1
		8254	63.36120	50.47000	85.00000	0.00000	0.00000	-0.00866	1
		8255	64.11550	50.47000	85.00000	0.00000	0.00000	-0.00929	1
		8256	64.86980	50.47000	85.00000	0.00000	0.00000	-0.00977	1
		8257	65.62410	50.47000	85.00000	0.00000	0.00000	-0.01012	1
		8258	66.37840	50.47000	85.00000	0.00000	0.00000	-0.01036	1
		8259	67.13270	50.47000	85.00000	0.00000	0.00000	-0.01051	1
		8260	67.88700	50.47000	85.00000	0.00000	0.00000	-0.01058	1
		8261	68.64130	50.47000	85.00000	0.00000	0.00000	-0.01058	1
		8262	69.39560	50.47000	85.00000	0.00000	0.00000	-0.01053	1
		8263	70.14990	50.47000	85.00000	0.00000	0.00000	-0.01044	1
		8264	70.90420	50.47000	85.00000	0.00000	0.00000	-0.01031	1
		8265	71.65850	50.47000	85.00000	0.00000	0.00000	-0.01016	1
		8266	72.41280	50.47000	85.00000	0.00000	0.00000	-0.00998	1
		8267	73.16710	50.47000	85.00000	0.00000	0.00000	-0.00978	1
		8268	73.92140	50.47000	85.00000	0.00000	0.00000	-0.00957	1
		8269	74.67570	50.47000	85.00000	0.00000	0.00000	-0.00935	1
		8270	75.43000	50.47000	85.00000	0.00000	0.00000	-0.00912	1
		8271	0.00000	51.19100	85.00000	0.00000	0.00000	-0.00874	1
		8272	0.75430	51.19100	85.00000	0.00000	0.00000	-0.00898	1
		8273	1.50860	51.19100	85.00000	0.00000	0.00000	-0.00920	1
		8274	2.26290	51.19100	85.00000	0.00000	0.00000	-0.00942	1
		8275	3.01720	51.19100	85.00000	0.00000	0.00000	-0.00963	1
		8276	3.77150	51.19100	85.00000	0.00000	0.00000	-0.00983	1
		8277	4.52580	51.19100	85.00000	0.00000	0.00000	-0.01001	1
		8278	5.28010	51.19100	85.00000	0.00000	0.00000	-0.010	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		8313	31.68060	51.19100	85.00000	0.00000	0.00000	0.17973	1
		8314	32.43490	51.19100	85.00000	0.00000	0.00000	0.19420	1
		8315	33.18920	51.19100	85.00000	0.00000	0.00000	0.20756	1
		8316	33.94350	51.19100	85.00000	0.00000	0.00000	0.21941	1
		8317	34.69780	51.19100	85.00000	0.00000	0.00000	0.22944	1
		8318	35.45210	51.19100	85.00000	0.00000	0.00000	0.23737	1
		8319	36.20640	51.19100	85.00000	0.00000	0.00000	0.24299	1
		8320	36.96070	51.19100	85.00000	0.00000	0.00000	0.24619	1
		8321	37.71500	51.19100	85.00000	0.00000	0.00000	0.24690	1
		8322	38.46930	51.19100	85.00000	0.00000	0.00000	0.24512	1
		8323	39.22360	51.19100	85.00000	0.00000	0.00000	0.24092	1
		8324	39.97790	51.19100	85.00000	0.00000	0.00000	0.23444	1
		8325	40.73220	51.19100	85.00000	0.00000	0.00000	0.22587	1
		8326	41.48650	51.19100	85.00000	0.00000	0.00000	0.21546	1
		8327	42.24080	51.19100	85.00000	0.00000	0.00000	0.20350	1
		8328	42.99510	51.19100	85.00000	0.00000	0.00000	0.19032	1
		8329	43.74940	51.19100	85.00000	0.00000	0.00000	0.17627	1
		8330	44.50370	51.19100	85.00000	0.00000	0.00000	0.16170	1
		8331	45.25800	51.19100	85.00000	0.00000	0.00000	0.14694	1
		8332	46.01230	51.19100	85.00000	0.00000	0.00000	0.13229	1
		8333	46.76660	51.19100	85.00000	0.00000	0.00000	0.11800	1
		8334	47.52090	51.19100	85.00000	0.00000	0.00000	0.10428	1
		8335	48.27520	51.19100	85.00000	0.00000	0.00000	0.09129	1
		8336	49.02950	51.19100	85.00000	0.00000	0.00000	0.07915	1
		8337	49.78380	51.19100	85.00000	0.00000	0.00000	0.06793	1
		8338	50.53810	51.19100	85.00000	0.00000	0.00000	0.05765	1
		8339	51.29240	51.19100	85.00000	0.00000	0.00000	0.04834	1
		8340	52.04670	51.19100	85.00000	0.00000	0.00000	0.03998	1
		8341	52.80100	51.19100	85.00000	0.00000	0.00000	0.03252	1
		8342	53.55530	51.19100	85.00000	0.00000	0.00000	0.02591	1
		8343	54.30960	51.19100	85.00000	0.00000	0.00000	0.02011	1
		8344	55.06390	51.19100	85.00000	0.00000	0.00000	0.01505	1
		8345	55.81820	51.19100	85.00000	0.00000	0.00000	0.01065	1
		8346	56.57250	51.19100	85.00000	0.00000	0.00000	0.00686	1
		8347	57.32680	51.19100	85.00000	0.00000	0.00000	0.00362	1
		8348	58.08110	51.19100	85.00000	0.00000	0.00000	0.00066	1
		8349	58.83540	51.19100	85.00000	0.00000	0.00000	-0.00147	1
		8350	59.58970	51.19100	85.00000	0.00000	0.00000	-0.00343	1
		8351	60.34400	51.19100	85.00000	0.00000	0.00000	-0.00505	1
		8352	61.09830	51.19100	85.00000	0.00000	0.00000	-0.00639	1
		8353	61.85260	51.19100	85.00000	0.00000	0.00000	-0.00748	1
		8354	62.60690	51.19100	85.00000	0.00000	0.00000	-0.00836	1
		8355	63.36120	51.19100	85.00000	0.00000	0.00000	-0.00905	1
		8356	64.11550	51.19100	85.00000	0.00000	0.00000	-0.00958	1
		8357	64.86980	51.19100	85.00000	0.00000	0.00000	-0.00998	1
		8358	65.62410	51.19100	85.00000	0.00000	0.00000	-0.01026	1
		8359	66.37840	51.19100	85.00000	0.00000	0.00000	-0.01045	1
		8360	67.13270	51.19100	85.00000	0.00000	0.00000	-0.01056	1
		8361	67.88700	51.19100	85.00000	0.00000	0.00000	-0.01059	1
		8362	68.64130	51.19100	85.00000	0.00000	0.00000	-0.01057	1
		8363	69.39560	51.19100	85.00000	0.00000	0.00000	-0.01050	1
		8364	70.14990	51.19100	85.00000	0.00000	0.00000	-0.01039	1
		8365	70.90420	51.19100	85.00000	0.00000	0.00000	-0.01025	1
		8366	71.65850	51.19100	85.00000	0.00000	0.00000	-0.01009	1
		8367	72.41280	51.19100	85.00000	0.00000	0.00000	-0.00990	1
		8368	73.16710	51.19100	85.00000	0.00000	0.00000	-0.00970	1
		8369	73.92140	51.19100	85.00000	0.00000	0.00000	-0.00949	1
		8370	74.67570	51.19100	85.00000	0.00000	0.00000	-0.00926	1
		8371	75.43000	51.19100	85.00000	0.00000	0.00000	-0.00903	1
		8372	0.00000	51.91200	85.00000	0.00000	0.00000	-0.00866	1
		8373	0.75430	51.91200	85.00000	0.00000	0.00000	-0.00889	1
		8374	1.50860	51.91200	85.00000	0.00000	0.00000	-0.00911	1
		8375	2.26290	51.91200	85.00000	0.00000	0.00000	-0.00933	1
		8376	3.01720	51.91200	85.00000	0.00000	0.00000	-0.00955	1
		8377	3.77150	51.91200	85.00000	0.00000	0.00000	-0.00975	1
		8378	4.52580	51.91200	85.00000	0.00000	0.00000	-0.00993	1
		8379	5.28010	51.91200	85.00000	0.00000	0.00000	-0.01010	1
		8380	6.03440	51.91200	85.00000	0.00000	0.00000	-0.01025	1
		8381	6.78870	51.91200	85.00000	0.00000	0.00000	-0.01036	1
		8382	7.54300	51.91200	85.00000	0.00000	0.00000	-0.01044	1
		8383	8.29730	51.91200	85.00000	0.00000	0.00000	-0.01047	1
		8384	9.05160	51.91200	85.00000	0.00000	0.00000	-0.01045	1
		8385	9.80590	51.91200	85.00000	0.00000	0.00000	-0.01037	1
		8386	10.56020	51.91200	85.00000	0.00000	0.00000	-0.01020	1
		8387	11.31450	51.91200	85.00000	0.00000	0.00000	-0.00995	1
		8388	12.06880	51.91200	85.00000	0.00000	0.00000	-0.00958	1
		8389	12.82310	51.91200	85.00000	0.00000	0.00000	-0.00909	1
		8390	13.57740	51.91200	85.00000	0.00000	0.00000	-0.00845	1
		8391	14.33170	51.91200	85.00000	0.00000	0.00000	-0.00763	1
		8392	15.08600	51.91200	85.00000	0.00000	0.00000	-0.00661	1
		8393	15.84030	51.91200	85.00000	0.00000	0.00000	-0.00536	1
		8394	16.59460	51.91200	85.00000	0.00000	0.00000	-0.00383	1
		8395	17.34890	51.91200	85.00000	0.00000	0.00000	-0.00199	1
		8396	18.10320	51.91200	85.00000	0.00000	0.00000	0.00021	1
		8397	18.85750	51.91200	85.00000	0.00000	0.00000	0.00282	1
		8398	19.61180	51.91200	85.00000	0.00000	0.00000	0.00588	1
		8399	20.36610	51.91200	85.00000	0.00000	0.00000	0.00946	1
		8400	21.12040	51.91200	85.00000	0.00000	0.00000	0.01361	1
		8401	21.87470	51.91200	85.00000	0.00000	0.00000	0.01839	1
		8402	22.62900	51.91200	85.00000	0.00000	0.00000	0.02386	1
		8403	23.38330	51.91200	85.00000	0.00000	0.00000	0.03008	1
		8404	24.13760	51.91200	85.00000	0.00000	0.00000	0.03708	1
		8405	24.89190	51.91200	85.00000	0.00000	0.00000	0.04491	1
		8406	25.64620	51.91200	85.00000	0.00000	0.00000	0.05357	1
		8407	26.40050	51.91200	85.00000	0.00000	0.00000	0.06307	1
		8408	27.15480	51.91200	85.00000	0.00000	0.00000	0.07335	1
		8409	27.90910	51.91200					



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		8443	53.55530	51.91200	85.00000	0.00000	0.00000	0.02025	1
		8444	54.30960	51.91200	85.00000	0.00000	0.00000	0.01537	1
		8445	55.06390	51.91200	85.00000	0.00000	0.00000	0.01110	1
		8446	55.81820	51.91200	85.00000	0.00000	0.00000	0.00738	1
		8447	56.57250	51.91200	85.00000	0.00000	0.00000	0.00417	1
		8448	57.32680	51.91200	85.00000	0.00000	0.00000	0.00140	1
		8449	58.08110	51.91200	85.00000	0.00000	0.00000	-0.00095	1
		8450	58.83540	51.91200	85.00000	0.00000	0.00000	-0.00294	1
		8451	59.58970	51.91200	85.00000	0.00000	0.00000	-0.00461	1
		8452	60.34400	51.91200	85.00000	0.00000	0.00000	-0.00600	1
		8453	61.09830	51.91200	85.00000	0.00000	0.00000	-0.00714	1
		8454	61.85260	51.91200	85.00000	0.00000	0.00000	-0.00807	1
		8455	62.60690	51.91200	85.00000	0.00000	0.00000	-0.00881	1
		8456	63.36120	51.91200	85.00000	0.00000	0.00000	-0.00939	1
		8457	64.11550	51.91200	85.00000	0.00000	0.00000	-0.00984	1
		8458	64.86980	51.91200	85.00000	0.00000	0.00000	-0.01016	1
		8459	65.62410	51.91200	85.00000	0.00000	0.00000	-0.01038	1
		8460	66.37840	51.91200	85.00000	0.00000	0.00000	-0.01052	1
		8461	67.13270	51.91200	85.00000	0.00000	0.00000	-0.01059	1
		8462	67.88700	51.91200	85.00000	0.00000	0.00000	-0.01059	1
		8463	68.64130	51.91200	85.00000	0.00000	0.00000	-0.01054	1
		8464	69.39560	51.91200	85.00000	0.00000	0.00000	-0.01046	1
		8465	70.14990	51.91200	85.00000	0.00000	0.00000	-0.01033	1
		8466	70.90420	51.91200	85.00000	0.00000	0.00000	-0.01018	1
		8467	71.65850	51.91200	85.00000	0.00000	0.00000	-0.01001	1
		8468	72.41280	51.91200	85.00000	0.00000	0.00000	-0.00982	1
		8469	73.16710	51.91200	85.00000	0.00000	0.00000	-0.00961	1
		8470	73.92140	51.91200	85.00000	0.00000	0.00000	-0.00939	1
		8471	74.67570	51.91200	85.00000	0.00000	0.00000	-0.00917	1
		8472	75.43000	51.91200	85.00000	0.00000	0.00000	-0.00894	1
		8473	0.00000	52.63300	85.00000	0.00000	0.00000	-0.00856	1
		8474	0.75430	52.63300	85.00000	0.00000	0.00000	-0.00879	1
		8475	1.50860	52.63300	85.00000	0.00000	0.00000	-0.00902	1
		8476	2.26290	52.63300	85.00000	0.00000	0.00000	-0.00924	1
		8477	3.01720	52.63300	85.00000	0.00000	0.00000	-0.00945	1
		8478	3.77150	52.63300	85.00000	0.00000	0.00000	-0.00966	1
		8479	4.52580	52.63300	85.00000	0.00000	0.00000	-0.00985	1
		8480	5.28010	52.63300	85.00000	0.00000	0.00000	-0.01003	1
		8481	6.03440	52.63300	85.00000	0.00000	0.00000	-0.01018	1
		8482	6.78870	52.63300	85.00000	0.00000	0.00000	-0.01031	1
		8483	7.54300	52.63300	85.00000	0.00000	0.00000	-0.01040	1
		8484	8.29730	52.63300	85.00000	0.00000	0.00000	-0.01046	1
		8485	9.05160	52.63300	85.00000	0.00000	0.00000	-0.01047	1
		8486	9.80590	52.63300	85.00000	0.00000	0.00000	-0.01042	1
		8487	10.56020	52.63300	85.00000	0.00000	0.00000	-0.01030	1
		8488	11.31450	52.63300	85.00000	0.00000	0.00000	-0.01010	1
		8489	12.06880	52.63300	85.00000	0.00000	0.00000	-0.00981	1
		8490	12.82310	52.63300	85.00000	0.00000	0.00000	-0.00940	1
		8491	13.57740	52.63300	85.00000	0.00000	0.00000	-0.00886	1
		8492	14.33170	52.63300	85.00000	0.00000	0.00000	-0.00817	1
		8493	15.08600	52.63300	85.00000	0.00000	0.00000	-0.00731	1
		8494	15.84030	52.63300	85.00000	0.00000	0.00000	-0.00624	1
		8495	16.59460	52.63300	85.00000	0.00000	0.00000	-0.00494	1
		8496	17.34890	52.63300	85.00000	0.00000	0.00000	-0.00337	1
		8497	18.10320	52.63300	85.00000	0.00000	0.00000	-0.00149	1
		8498	18.85750	52.63300	85.00000	0.00000	0.00000	-0.00072	1
		8499	19.61180	52.63300	85.00000	0.00000	0.00000	0.00332	1
		8500	20.36610	52.63300	85.00000	0.00000	0.00000	0.00635	1
		8501	21.12040	52.63300	85.00000	0.00000	0.00000	0.00985	1
		8502	21.87470	52.63300	85.00000	0.00000	0.00000	0.01386	1
		8503	22.62900	52.63300	85.00000	0.00000	0.00000	0.01844	1
		8504	23.38330	52.63300	85.00000	0.00000	0.00000	0.02362	1
		8505	24.13760	52.63300	85.00000	0.00000	0.00000	0.02942	1
		8506	24.89190	52.63300	85.00000	0.00000	0.00000	0.03587	1
		8507	25.64620	52.63300	85.00000	0.00000	0.00000	0.04297	1
		8508	26.40050	52.63300	85.00000	0.00000	0.00000	0.05070	1
		8509	27.15480	52.63300	85.00000	0.00000	0.00000	0.05903	1
		8510	27.90910	52.63300	85.00000	0.00000	0.00000	0.06789	1
		8511	28.66340	52.63300	85.00000	0.00000	0.00000	0.07718	1
		8512	29.41770	52.63300	85.00000	0.00000	0.00000	0.08676	1
		8513	30.17200	52.63300	85.00000	0.00000	0.00000	0.09648	1
		8514	30.92630	52.63300	85.00000	0.00000	0.00000	0.10615	1
		8515	31.68060	52.63300	85.00000	0.00000	0.00000	0.11554	1
		8516	32.43490	52.63300	85.00000	0.00000	0.00000	0.12445	1
		8517	33.18920	52.63300	85.00000	0.00000	0.00000	0.13263	1
		8518	33.94350	52.63300	85.00000	0.00000	0.00000	0.13990	1
		8519	34.69780	52.63300	85.00000	0.00000	0.00000	0.14604	1
		8520	35.45210	52.63300	85.00000	0.00000	0.00000	0.15092	1
		8521	36.20640	52.63300	85.00000	0.00000	0.00000	0.15440	1
		8522	36.96070	52.63300	85.00000	0.00000	0.00000	0.15640	1
		8523	37.71500	52.63300	85.00000	0.00000	0.00000	0.15688	1
		8524	38.46930	52.63300	85.00000	0.00000	0.00000	0.15584	1
		8525	39.22360	52.63300	85.00000	0.00000	0.00000	0.15332	1
		8526	39.97790	52.63300	85.00000	0.00000	0.00000	0.14940	1
		8527	40.73220	52.63300	85.00000	0.00000	0.00000	0.14419	1
		8528	41.48650	52.63300	85.00000	0.00000	0.00000	0.13783	1
		8529	42.24080	52.63300	85.00000	0.00000	0.00000	0.13050	1
		8530	42.99510	52.63300	85.00000	0.00000	0.00000	0.12239	1
		8531	43.74940	52.63300	85.00000	0.00000	0.00000	0.11368	1
		8532	44.50370	52.63300	85.00000	0.00000	0.00000	0.10460	1
		8533	45.25800	52.63300	85.00000	0.00000	0.00000	0.09532	1
		8534	46.01230	52.63300	85.00000	0.00000	0.00000	0.08602	1
		8535	46.76660	52.63300	85.00000	0.00000	0.00000	0.07687	1
		8536	47.52090	52.63300	85.00000	0.00000	0.00000	0.06800	1
		8537	48.27520	52.63300	85.00000	0.00000	0.00000	0.05952	1
		8538	49.02950	52.63300	85.00000	0.00000	0.00000	0.05151	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		8573	75.43000	52.63300	85.00000	0.00000	0.00000	-0.00885	1
		8574	0.00000	53.35400	85.00000	0.00000	0.00000	-0.00847	1
		8575	0.75430	53.35400	85.00000	0.00000	0.00000	-0.00869	1
		8576	1.50860	53.35400	85.00000	0.00000	0.00000	-0.00892	1
		8577	2.26290	53.35400	85.00000	0.00000	0.00000	-0.00914	1
		8578	3.01720	53.35400	85.00000	0.00000	0.00000	-0.00936	1
		8579	3.77150	53.35400	85.00000	0.00000	0.00000	-0.00956	1
		8580	4.52580	53.35400	85.00000	0.00000	0.00000	-0.00976	1
		8581	5.28010	53.35400	85.00000	0.00000	0.00000	-0.00994	1
		8582	6.03440	53.35400	85.00000	0.00000	0.00000	-0.01011	1
		8583	6.78870	53.35400	85.00000	0.00000	0.00000	-0.01025	1
		8584	7.54300	53.35400	85.00000	0.00000	0.00000	-0.01036	1
		8585	8.29730	53.35400	85.00000	0.00000	0.00000	-0.01043	1
		8586	9.05160	53.35400	85.00000	0.00000	0.00000	-0.01047	1
		8587	9.80590	53.35400	85.00000	0.00000	0.00000	-0.01045	1
		8588	10.56020	53.35400	85.00000	0.00000	0.00000	-0.01038	1
		8589	11.31450	53.35400	85.00000	0.00000	0.00000	-0.01023	1
		8590	12.06880	53.35400	85.00000	0.00000	0.00000	-0.01000	1
		8591	12.82310	53.35400	85.00000	0.00000	0.00000	-0.00967	1
		8592	13.57740	53.35400	85.00000	0.00000	0.00000	-0.00923	1
		8593	14.33170	53.35400	85.00000	0.00000	0.00000	-0.00865	1
		8594	15.08600	53.35400	85.00000	0.00000	0.00000	-0.00793	1
		8595	15.84030	53.35400	85.00000	0.00000	0.00000	-0.00702	1
		8596	16.59460	53.35400	85.00000	0.00000	0.00000	-0.00592	1
		8597	17.34890	53.35400	85.00000	0.00000	0.00000	-0.00460	1
		8598	18.10320	53.35400	85.00000	0.00000	0.00000	-0.00301	1
		8599	18.85750	53.35400	85.00000	0.00000	0.00000	-0.00114	1
		8600	19.61180	53.35400	85.00000	0.00000	0.00000	0.00105	1
		8601	20.36610	53.35400	85.00000	0.00000	0.00000	0.00360	1
		8602	21.12040	53.35400	85.00000	0.00000	0.00000	0.00654	1
		8603	21.87470	53.35400	85.00000	0.00000	0.00000	0.00990	1
		8604	22.62900	53.35400	85.00000	0.00000	0.00000	0.01371	1
		8605	23.38330	53.35400	85.00000	0.00000	0.00000	0.01800	1
		8606	24.13760	53.35400	85.00000	0.00000	0.00000	0.02279	1
		8607	24.89190	53.35400	85.00000	0.00000	0.00000	0.02809	1
		8608	25.64620	53.35400	85.00000	0.00000	0.00000	0.03389	1
		8609	26.40050	53.35400	85.00000	0.00000	0.00000	0.04019	1
		8610	27.15480	53.35400	85.00000	0.00000	0.00000	0.04693	1
		8611	27.90910	53.35400	85.00000	0.00000	0.00000	0.05406	1
		8612	28.66340	53.35400	85.00000	0.00000	0.00000	0.06150	1
		8613	29.41770	53.35400	85.00000	0.00000	0.00000	0.06914	1
		8614	30.17200	53.35400	85.00000	0.00000	0.00000	0.07686	1
		8615	30.92630	53.35400	85.00000	0.00000	0.00000	0.08450	1
		8616	31.68060	53.35400	85.00000	0.00000	0.00000	0.09191	1
		8617	32.43490	53.35400	85.00000	0.00000	0.00000	0.09892	1
		8618	33.18920	53.35400	85.00000	0.00000	0.00000	0.10535	1
		8619	33.94350	53.35400	85.00000	0.00000	0.00000	0.11106	1
		8620	34.69780	53.35400	85.00000	0.00000	0.00000	0.11588	1
		8621	35.45210	53.35400	85.00000	0.00000	0.00000	0.11971	1
		8622	36.20640	53.35400	85.00000	0.00000	0.00000	0.12245	1
		8623	36.96070	53.35400	85.00000	0.00000	0.00000	0.12403	1
		8624	37.71500	53.35400	85.00000	0.00000	0.00000	0.12443	1
		8625	38.46930	53.35400	85.00000	0.00000	0.00000	0.12363	1
		8626	39.22360	53.35400	85.00000	0.00000	0.00000	0.12167	1
		8627	39.97790	53.35400	85.00000	0.00000	0.00000	0.11861	1
		8628	40.73220	53.35400	85.00000	0.00000	0.00000	0.11454	1
		8629	41.48650	53.35400	85.00000	0.00000	0.00000	0.10955	1
		8630	42.24080	53.35400	85.00000	0.00000	0.00000	0.10380	1
		8631	42.99510	53.35400	85.00000	0.00000	0.00000	0.09741	1
		8632	43.74940	53.35400	85.00000	0.00000	0.00000	0.09054	1
		8633	44.50370	53.35400	85.00000	0.00000	0.00000	0.08334	1
		8634	45.25800	53.35400	85.00000	0.00000	0.00000	0.07597	1
		8635	46.01230	53.35400	85.00000	0.00000	0.00000	0.06856	1
		8636	46.76660	53.35400	85.00000	0.00000	0.00000	0.06123	1
		8637	47.52090	53.35400	85.00000	0.00000	0.00000	0.05410	1
		8638	48.27520	53.35400	85.00000	0.00000	0.00000	0.04725	1
		8639	49.02950	53.35400	85.00000	0.00000	0.00000	0.04075	1
		8640	49.78380	53.35400	85.00000	0.00000	0.00000	0.03466	1
		8641	50.53810	53.35400	85.00000	0.00000	0.00000	0.02901	1
		8642	51.29240	53.35400	85.00000	0.00000	0.00000	0.02381	1
		8643	52.04670	53.35400	85.00000	0.00000	0.00000	0.01908	1
		8644	52.80100	53.35400	85.00000	0.00000	0.00000	0.01481	1
		8645	53.55530	53.35400	85.00000	0.00000	0.00000	0.01098	1
		8646	54.30960	53.35400	85.00000	0.00000	0.00000	0.00758	1
		8647	55.06390	53.35400	85.00000	0.00000	0.00000	0.00457	1
		8648	55.81820	53.35400	85.00000	0.00000	0.00000	0.00195	1
		8649	56.57250	53.35400	85.00000	0.00000	0.00000	-0.00033	1
		8650	57.32680	53.35400	85.00000	0.00000	0.00000	-0.00230	1
		8651	58.08110	53.35400	85.00000	0.00000	0.00000	-0.00398	1
		8652	58.83540	53.35400	85.00000	0.00000	0.00000	-0.00540	1
		8653	59.58970	53.35400	85.00000	0.00000	0.00000	-0.00660	1
		8654	60.34400	53.35400	85.00000	0.00000	0.00000	-0.00759	1
		8655	61.09830	53.35400	85.00000	0.00000	0.00000	-0.00839	1
		8656	61.85260	53.35400	85.00000	0.00000	0.00000	-0.00904	1
		8657	62.60690	53.35400	85.00000	0.00000	0.00000	-0.00956	1
		8658	63.36120	53.35400	85.00000	0.00000	0.00000	-0.00995	1
		8659	64.11550	53.35400	85.00000	0.00000	0.00000	-0.01023	1
		8660	64.86980	53.35400	85.00000	0.00000	0.00000	-0.01043	1
		8661	65.62410	53.35400	85.00000	0.00000	0.00000	-0.01055	1
		8662	66.37840	53.35400	85.00000	0.00000	0.00000	-0.01060	1
		8663	67.13270	53.35400	85.00000	0.00000	0.00000	-0.01060	1
		8664	67.88700	53.35400	85.00000	0.00000	0.00000	-0.01055	1
		8665	68.64130	53.35400	85.00000	0.00000	0.00000	-0.01046	1
		8666	69.39560	53.35400	85.00000	0.00000	0.00000	-0.01034	1
		8667	70.14990	53.35400	85.00000	0.00000	0.00000	-0.01019	1
		8668	70.90420	53.35400	85.00000	0.00000	0.00000	-0.01002	1
		8669	71.65850	53.35400					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		8703	21.12040	54.07500	85.00000	0.00000	0.00000	0.00365	1
		8704	21.87470	54.07500	85.00000	0.00000	0.00000	0.00644	1
		8705	22.62900	54.07500	85.00000	0.00000	0.00000	0.00961	1
		8706	23.38330	54.07500	85.00000	0.00000	0.00000	0.01315	1
		8707	24.13760	54.07500	85.00000	0.00000	0.00000	0.01709	1
		8708	24.89190	54.07500	85.00000	0.00000	0.00000	0.02144	1
		8709	25.64620	54.07500	85.00000	0.00000	0.00000	0.02617	1
		8710	26.40050	54.07500	85.00000	0.00000	0.00000	0.03128	1
		8711	27.15480	54.07500	85.00000	0.00000	0.00000	0.03673	1
		8712	27.90910	54.07500	85.00000	0.00000	0.00000	0.04246	1
		8713	28.66340	54.07500	85.00000	0.00000	0.00000	0.04842	1
		8714	29.41770	54.07500	85.00000	0.00000	0.00000	0.05452	1
		8715	30.17200	54.07500	85.00000	0.00000	0.00000	0.06065	1
		8716	30.92630	54.07500	85.00000	0.00000	0.00000	0.06671	1
		8717	31.68060	54.07500	85.00000	0.00000	0.00000	0.07256	1
		8718	32.43490	54.07500	85.00000	0.00000	0.00000	0.07809	1
		8719	33.18920	54.07500	85.00000	0.00000	0.00000	0.08315	1
		8720	33.94350	54.07500	85.00000	0.00000	0.00000	0.08764	1
		8721	34.69780	54.07500	85.00000	0.00000	0.00000	0.09143	1
		8722	35.45210	54.07500	85.00000	0.00000	0.00000	0.09445	1
		8723	36.20640	54.07500	85.00000	0.00000	0.00000	0.09660	1
		8724	36.96070	54.07500	85.00000	0.00000	0.00000	0.09786	1
		8725	37.71500	54.07500	85.00000	0.00000	0.00000	0.09818	1
		8726	38.46930	54.07500	85.00000	0.00000	0.00000	0.09756	1
		8727	39.22360	54.07500	85.00000	0.00000	0.00000	0.09604	1
		8728	39.97790	54.07500	85.00000	0.00000	0.00000	0.09364	1
		8729	40.73220	54.07500	85.00000	0.00000	0.00000	0.09045	1
		8730	41.48650	54.07500	85.00000	0.00000	0.00000	0.08654	1
		8731	42.24080	54.07500	85.00000	0.00000	0.00000	0.08201	1
		8732	42.99510	54.07500	85.00000	0.00000	0.00000	0.07697	1
		8733	43.74940	54.07500	85.00000	0.00000	0.00000	0.07154	1
		8734	44.50370	54.07500	85.00000	0.00000	0.00000	0.06583	1
		8735	45.25800	54.07500	85.00000	0.00000	0.00000	0.05997	1
		8736	46.01230	54.07500	85.00000	0.00000	0.00000	0.05405	1
		8737	46.76660	54.07500	85.00000	0.00000	0.00000	0.04819	1
		8738	47.52090	54.07500	85.00000	0.00000	0.00000	0.04246	1
		8739	48.27520	54.07500	85.00000	0.00000	0.00000	0.03693	1
		8740	49.02950	54.07500	85.00000	0.00000	0.00000	0.03167	1
		8741	49.78380	54.07500	85.00000	0.00000	0.00000	0.02671	1
		8742	50.53810	54.07500	85.00000	0.00000	0.00000	0.02210	1
		8743	51.29240	54.07500	85.00000	0.00000	0.00000	0.01784	1
		8744	52.04670	54.07500	85.00000	0.00000	0.00000	0.01395	1
		8745	52.80100	54.07500	85.00000	0.00000	0.00000	0.01042	1
		8746	53.55530	54.07500	85.00000	0.00000	0.00000	0.00725	1
		8747	54.30960	54.07500	85.00000	0.00000	0.00000	0.00442	1
		8748	55.06390	54.07500	85.00000	0.00000	0.00000	0.00192	1
		8749	55.81820	54.07500	85.00000	0.00000	0.00000	-0.00027	1
		8750	56.57250	54.07500	85.00000	0.00000	0.00000	-0.00217	1
		8751	57.32680	54.07500	85.00000	0.00000	0.00000	-0.00382	1
		8752	58.08110	54.07500	85.00000	0.00000	0.00000	-0.00522	1
		8753	58.83540	54.07500	85.00000	0.00000	0.00000	-0.00641	1
		8754	59.58970	54.07500	85.00000	0.00000	0.00000	-0.00741	1
		8755	60.34400	54.07500	85.00000	0.00000	0.00000	-0.00823	1
		8756	61.09830	54.07500	85.00000	0.00000	0.00000	-0.00890	1
		8757	61.85260	54.07500	85.00000	0.00000	0.00000	-0.00943	1
		8758	62.60690	54.07500	85.00000	0.00000	0.00000	-0.00985	1
		8759	63.36120	54.07500	85.00000	0.00000	0.00000	-0.01016	1
		8760	64.11550	54.07500	85.00000	0.00000	0.00000	-0.01038	1
		8761	64.86980	54.07500	85.00000	0.00000	0.00000	-0.01052	1
		8762	65.62410	54.07500	85.00000	0.00000	0.00000	-0.01059	1
		8763	66.37840	54.07500	85.00000	0.00000	0.00000	-0.01061	1
		8764	67.13270	54.07500	85.00000	0.00000	0.00000	-0.01058	1
		8765	67.88700	54.07500	85.00000	0.00000	0.00000	-0.01051	1
		8766	68.64130	54.07500	85.00000	0.00000	0.00000	-0.01040	1
		8767	69.39560	54.07500	85.00000	0.00000	0.00000	-0.01026	1
		8768	70.14990	54.07500	85.00000	0.00000	0.00000	-0.01010	1
		8769	70.90420	54.07500	85.00000	0.00000	0.00000	-0.00993	1
		8770	71.65850	54.07500	85.00000	0.00000	0.00000	-0.00973	1
		8771	72.41280	54.07500	85.00000	0.00000	0.00000	-0.00953	1
		8772	73.16710	54.07500	85.00000	0.00000	0.00000	-0.00931	1
		8773	73.92140	54.07500	85.00000	0.00000	0.00000	-0.00909	1
		8774	74.67570	54.07500	85.00000	0.00000	0.00000	-0.00887	1
		8775	75.43000	54.07500	85.00000	0.00000	0.00000	-0.00864	1
		8776	0.00000	54.79600	85.00000	0.00000	0.00000	-0.00826	1
		8777	0.75430	54.79600	85.00000	0.00000	0.00000	-0.00849	1
		8778	1.50860	54.79600	85.00000	0.00000	0.00000	-0.00871	1
		8779	2.26290	54.79600	85.00000	0.00000	0.00000	-0.00893	1
		8780	3.01720	54.79600	85.00000	0.00000	0.00000	-0.00915	1
		8781	3.77150	54.79600	85.00000	0.00000	0.00000	-0.00936	1
		8782	4.52580	54.79600	85.00000	0.00000	0.00000	-0.00956	1
		8783	5.28010	54.79600	85.00000	0.00000	0.00000	-0.00975	1
		8784	6.03440	54.79600	85.00000	0.00000	0.00000	-0.00993	1
		8785	6.78870	54.79600	85.00000	0.00000	0.00000	-0.01009	1
		8786	7.54300	54.79600	85.00000	0.00000	0.00000	-0.01023	1
		8787	8.29730	54.79600	85.00000	0.00000	0.00000	-0.01034	1
		8788	9.05160	54.79600	85.00000	0.00000	0.00000	-0.01042	1
		8789	9.80590	54.79600	85.00000	0.00000	0.00000	-0.01046	1
		8790	10.56020	54.79600	85.00000	0.00000	0.00000	-0.01046	1
		8791	11.31450	54.79600	85.00000	0.00000	0.00000	-0.01040	1
		8792	12.06880	54.79600	85.00000	0.00000	0.00000	-0.01028	1
		8793	12.82310	54.79600	85.00000	0.00000	0.00000	-0.01008	1
		8794	13.57740	54.79600	85.00000	0.00000	0.00000	-0.00980	1
		8795	14.33170	54.79600	85.00000	0.00000	0.00000	-0.00942	1
		8796	15.08600	54.79600	85.00000	0.00000	0.00000	-0.00893	1
		8797	15.84030	54.79600	85.00000	0.00000	0.00000	-0.00831	1
		8798	16.59460	54.79600	85.00000	0.00000	0.00000	-0.00755	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
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Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		8833	42.99510	54.79600	85.00000	0.00000	0.00000	0.06024	1
		8834	43.74940	54.79600	85.00000	0.00000	0.00000	0.05594	1
		8835	44.50370	54.79600	85.00000	0.00000	0.00000	0.05142	1
		8836	45.25800	54.79600	85.00000	0.00000	0.00000	0.04675	1
		8837	46.01230	54.79600	85.00000	0.00000	0.00000	0.04203	1
		8838	46.76660	54.79600	85.00000	0.00000	0.00000	0.03733	1
		8839	47.52090	54.79600	85.00000	0.00000	0.00000	0.03273	1
		8840	48.27520	54.79600	85.00000	0.00000	0.00000	0.02827	1
		8841	49.02950	54.79600	85.00000	0.00000	0.00000	0.02401	1
		8842	49.78380	54.79600	85.00000	0.00000	0.00000	0.01999	1
		8843	50.53810	54.79600	85.00000	0.00000	0.00000	0.01623	1
		8844	51.29240	54.79600	85.00000	0.00000	0.00000	0.01275	1
		8845	52.04670	54.79600	85.00000	0.00000	0.00000	0.00956	1
		8846	52.80100	54.79600	85.00000	0.00000	0.00000	0.00665	1
		8847	53.55530	54.79600	85.00000	0.00000	0.00000	0.00404	1
		8848	54.30960	54.79600	85.00000	0.00000	0.00000	0.00170	1
		8849	55.06390	54.79600	85.00000	0.00000	0.00000	-0.00037	1
		8850	55.81820	54.79600	85.00000	0.00000	0.00000	-0.00218	1
		8851	56.57250	54.79600	85.00000	0.00000	0.00000	-0.00377	1
		8852	57.32680	54.79600	85.00000	0.00000	0.00000	-0.00513	1
		8853	58.08110	54.79600	85.00000	0.00000	0.00000	-0.00630	1
		8854	58.83540	54.79600	85.00000	0.00000	0.00000	-0.00729	1
		8855	59.58970	54.79600	85.00000	0.00000	0.00000	-0.00811	1
		8856	60.34400	54.79600	85.00000	0.00000	0.00000	-0.00879	1
		8857	61.09830	54.79600	85.00000	0.00000	0.00000	-0.00933	1
		8858	61.85260	54.79600	85.00000	0.00000	0.00000	-0.00976	1
		8859	62.60690	54.79600	85.00000	0.00000	0.00000	-0.01009	1
		8860	63.36120	54.79600	85.00000	0.00000	0.00000	-0.01033	1
		8861	64.11550	54.79600	85.00000	0.00000	0.00000	-0.01049	1
		8862	64.86980	54.79600	85.00000	0.00000	0.00000	-0.01058	1
		8863	65.62410	54.79600	85.00000	0.00000	0.00000	-0.01061	1
		8864	66.37840	54.79600	85.00000	0.00000	0.00000	-0.01060	1
		8865	67.13270	54.79600	85.00000	0.00000	0.00000	-0.01054	1
		8866	67.88700	54.79600	85.00000	0.00000	0.00000	-0.01045	1
		8867	68.64130	54.79600	85.00000	0.00000	0.00000	-0.01033	1
		8868	69.39560	54.79600	85.00000	0.00000	0.00000	-0.01018	1
		8869	70.14990	54.79600	85.00000	0.00000	0.00000	-0.01001	1
		8870	70.90420	54.79600	85.00000	0.00000	0.00000	-0.00983	1
		8871	71.65850	54.79600	85.00000	0.00000	0.00000	-0.00963	1
		8872	72.41280	54.79600	85.00000	0.00000	0.00000	-0.00942	1
		8873	73.16710	54.79600	85.00000	0.00000	0.00000	-0.00921	1
		8874	73.92140	54.79600	85.00000	0.00000	0.00000	-0.00899	1
		8875	74.67570	54.79600	85.00000	0.00000	0.00000	-0.00876	1
		8876	75.43000	54.79600	85.00000	0.00000	0.00000	-0.00854	1
		8877	0.00000	55.51700	85.00000	0.00000	0.00000	-0.00816	1
		8878	0.75630	55.51700	85.00000	0.00000	0.00000	-0.00838	1
		8879	1.50860	55.51700	85.00000	0.00000	0.00000	-0.00860	1
		8880	2.26290	55.51700	85.00000	0.00000	0.00000	-0.00882	1
		8881	3.01720	55.51700	85.00000	0.00000	0.00000	-0.00904	1
		8882	3.77150	55.51700	85.00000	0.00000	0.00000	-0.00925	1
		8883	4.52580	55.51700	85.00000	0.00000	0.00000	-0.00945	1
		8884	5.28010	55.51700	85.00000	0.00000	0.00000	-0.00965	1
		8885	6.03440	55.51700	85.00000	0.00000	0.00000	-0.00983	1
		8886	6.78870	55.51700	85.00000	0.00000	0.00000	-0.01000	1
		8887	7.54300	55.51700	85.00000	0.00000	0.00000	-0.01015	1
		8888	8.29730	55.51700	85.00000	0.00000	0.00000	-0.01028	1
		8889	9.05160	55.51700	85.00000	0.00000	0.00000	-0.01038	1
		8890	9.80590	55.51700	85.00000	0.00000	0.00000	-0.01044	1
		8891	10.56020	55.51700	85.00000	0.00000	0.00000	-0.01047	1
		8892	11.31450	55.51700	85.00000	0.00000	0.00000	-0.01045	1
		8893	12.06880	55.51700	85.00000	0.00000	0.00000	-0.01037	1
		8894	12.82310	55.51700	85.00000	0.00000	0.00000	-0.01023	1
		8895	13.57740	55.51700	85.00000	0.00000	0.00000	-0.01002	1
		8896	14.33170	55.51700	85.00000	0.00000	0.00000	-0.00972	1
		8897	15.08600	55.51700	85.00000	0.00000	0.00000	-0.00933	1
		8898	15.84030	55.51700	85.00000	0.00000	0.00000	-0.00882	1
		8899	16.59460	55.51700	85.00000	0.00000	0.00000	-0.00820	1
		8900	17.34890	55.51700	85.00000	0.00000	0.00000	-0.00744	1
		8901	18.10320	55.51700	85.00000	0.00000	0.00000	-0.00652	1
		8902	18.85750	55.51700	85.00000	0.00000	0.00000	-0.00544	1
		8903	19.61180	55.51700	85.00000	0.00000	0.00000	-0.00418	1
		8904	20.36610	55.51700	85.00000	0.00000	0.00000	-0.00271	1
		8905	21.12040	55.51700	85.00000	0.00000	0.00000	-0.00103	1
		8906	21.87470	55.51700	85.00000	0.00000	0.00000	0.00088	1
		8907	22.62900	55.51700	85.00000	0.00000	0.00000	0.00303	1
		8908	23.38330	55.51700	85.00000	0.00000	0.00000	0.00542	1
		8909	24.13760	55.51700	85.00000	0.00000	0.00000	0.00806	1
		8910	24.89190	55.51700	85.00000	0.00000	0.00000	0.01095	1
		8911	25.64620	55.51700	85.00000	0.00000	0.00000	0.01408	1
		8912	26.40050	55.51700	85.00000	0.00000	0.00000	0.01743	1
		8913	27.15480	55.51700	85.00000	0.00000	0.00000	0.02098	1
		8914	27.90910	55.51700	85.00000	0.00000	0.00000	0.02468	1
		8915	28.66340	55.51700	85.00000	0.00000	0.00000	0.02850	1
		8916	29.41770	55.51700	85.00000	0.00000	0.00000	0.03238	1
		8917	30.17200	55.51700	85.00000	0.00000	0.00000	0.03626	1
		8918	30.92630	55.51700	85.00000	0.00000	0.00000	0.04007	1
		8919	31.68060	55.51700	85.00000	0.00000	0.00000	0.04374	1
		8920	32.43490	55.51700	85.00000	0.00000	0.00000	0.04718	1
		8921	33.18920	55.51700	85.00000	0.00000	0.00000	0.05034	1
		8922	33.94350	55.51700	85.00000	0.00000	0.00000	0.05312	1
		8923	34.69780	55.51700	85.00000	0.00000	0.00000	0.05548	1
		8924	35.45210	55.51700	85.00000	0.00000	0.00000	0.05735	1
		8925	36.20640	55.51700	85.00000	0.00000	0.00000	0.05869	1
		8926	36.96070	55.51700	85.00000	0.00000	0.00000	0.05947	1
		8927	37.71500	55.51700	85.00000	0.00000	0.00000	0.05968	1
		8928	38.46930	55.51700	85.00000	0.00000	0.00000	0.05931	1
		8929	39.22360	55.51700					



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Job No.	Sheet No.	Rev.
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Drg. Ref.		
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Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		8963	64.86980	55.51700	85.00000	0.00000	0.00000	-0.01061	1
		8964	65.62410	55.51700	85.00000	0.00000	0.00000	-0.01061	1
		8965	66.37840	55.51700	85.00000	0.00000	0.00000	-0.01057	1
		8966	67.13270	55.51700	85.00000	0.00000	0.00000	-0.01049	1
		8967	67.88700	55.51700	85.00000	0.00000	0.00000	-0.01038	1
		8968	68.64130	55.51700	85.00000	0.00000	0.00000	-0.01024	1
		8969	69.39560	55.51700	85.00000	0.00000	0.00000	-0.01008	1
		8970	70.14990	55.51700	85.00000	0.00000	0.00000	-0.00991	1
		8971	70.90420	55.51700	85.00000	0.00000	0.00000	-0.00972	1
		8972	71.65850	55.51700	85.00000	0.00000	0.00000	-0.00952	1
		8973	72.41280	55.51700	85.00000	0.00000	0.00000	-0.00931	1
		8974	73.16710	55.51700	85.00000	0.00000	0.00000	-0.00909	1
		8975	73.92140	55.51700	85.00000	0.00000	0.00000	-0.00887	1
		8976	74.67570	55.51700	85.00000	0.00000	0.00000	-0.00865	1
		8977	75.43000	55.51700	85.00000	0.00000	0.00000	-0.00843	1
		8978	0.00000	56.23800	85.00000	0.00000	0.00000	-0.00805	1
		8979	0.75430	56.23800	85.00000	0.00000	0.00000	-0.00827	1
		8980	1.50860	56.23800	85.00000	0.00000	0.00000	-0.00849	1
		8981	2.26290	56.23800	85.00000	0.00000	0.00000	-0.00871	1
		8982	3.01720	56.23800	85.00000	0.00000	0.00000	-0.00892	1
		8983	3.77150	56.23800	85.00000	0.00000	0.00000	-0.00913	1
		8984	4.52580	56.23800	85.00000	0.00000	0.00000	-0.00934	1
		8985	5.28010	56.23800	85.00000	0.00000	0.00000	-0.00954	1
		8986	6.03440	56.23800	85.00000	0.00000	0.00000	-0.00973	1
		8987	6.78870	56.23800	85.00000	0.00000	0.00000	-0.00990	1
		8988	7.54300	56.23800	85.00000	0.00000	0.00000	-0.01006	1
		8989	8.29730	56.23800	85.00000	0.00000	0.00000	-0.01020	1
		8990	9.05160	56.23800	85.00000	0.00000	0.00000	-0.01032	1
		8991	9.80590	56.23800	85.00000	0.00000	0.00000	-0.01040	1
		8992	10.56020	56.23800	85.00000	0.00000	0.00000	-0.01045	1
		8993	11.31450	56.23800	85.00000	0.00000	0.00000	-0.01047	1
		8994	12.06880	56.23800	85.00000	0.00000	0.00000	-0.01043	1
		8995	12.82310	56.23800	85.00000	0.00000	0.00000	-0.01034	1
		8996	13.57740	56.23800	85.00000	0.00000	0.00000	-0.01019	1
		8997	14.33170	56.23800	85.00000	0.00000	0.00000	-0.00996	1
		8998	15.08600	56.23800	85.00000	0.00000	0.00000	-0.00965	1
		8999	15.84030	56.23800	85.00000	0.00000	0.00000	-0.00925	1
		9000	16.59460	56.23800	85.00000	0.00000	0.00000	-0.00875	1
		9001	17.34890	56.23800	85.00000	0.00000	0.00000	-0.00813	1
		9002	18.10320	56.23800	85.00000	0.00000	0.00000	-0.00739	1
		9003	18.85750	56.23800	85.00000	0.00000	0.00000	-0.00650	1
		9004	19.61180	56.23800	85.00000	0.00000	0.00000	-0.00546	1
		9005	20.36610	56.23800	85.00000	0.00000	0.00000	-0.00426	1
		9006	21.12040	56.23800	85.00000	0.00000	0.00000	-0.00288	1
		9007	21.87470	56.23800	85.00000	0.00000	0.00000	-0.00132	1
		9008	22.62900	56.23800	85.00000	0.00000	0.00000	-0.00044	1
		9009	23.38330	56.23800	85.00000	0.00000	0.00000	0.00239	1
		9010	24.13760	56.23800	85.00000	0.00000	0.00000	0.00454	1
		9011	24.89190	56.23800	85.00000	0.00000	0.00000	0.00689	1
		9012	25.64620	56.23800	85.00000	0.00000	0.00000	0.00942	1
		9013	26.40050	56.23800	85.00000	0.00000	0.00000	0.01213	1
		9014	27.15480	56.23800	85.00000	0.00000	0.00000	0.01498	1
		9015	27.90910	56.23800	85.00000	0.00000	0.00000	0.01795	1
		9016	28.66340	56.23800	85.00000	0.00000	0.00000	0.02100	1
		9017	29.41770	56.23800	85.00000	0.00000	0.00000	0.02410	1
		9018	30.17200	56.23800	85.00000	0.00000	0.00000	0.02719	1
		9019	30.92630	56.23800	85.00000	0.00000	0.00000	0.03021	1
		9020	31.68060	56.23800	85.00000	0.00000	0.00000	0.03311	1
		9021	32.43490	56.23800	85.00000	0.00000	0.00000	0.03584	1
		9022	33.18920	56.23800	85.00000	0.00000	0.00000	0.03832	1
		9023	33.94350	56.23800	85.00000	0.00000	0.00000	0.04052	1
		9024	34.69780	56.23800	85.00000	0.00000	0.00000	0.04238	1
		9025	35.45210	56.23800	85.00000	0.00000	0.00000	0.04385	1
		9026	36.20640	56.23800	85.00000	0.00000	0.00000	0.04491	1
		9027	36.96070	56.23800	85.00000	0.00000	0.00000	0.04553	1
		9028	37.71500	56.23800	85.00000	0.00000	0.00000	0.04570	1
		9029	38.46930	56.23800	85.00000	0.00000	0.00000	0.04541	1
		9030	39.22360	56.23800	85.00000	0.00000	0.00000	0.04468	1
		9031	39.97790	56.23800	85.00000	0.00000	0.00000	0.04352	1
		9032	40.73220	56.23800	85.00000	0.00000	0.00000	0.04197	1
		9033	41.48650	56.23800	85.00000	0.00000	0.00000	0.04006	1
		9034	42.24080	56.23800	85.00000	0.00000	0.00000	0.03784	1
		9035	42.99510	56.23800	85.00000	0.00000	0.00000	0.03535	1
		9036	43.74940	56.23800	85.00000	0.00000	0.00000	0.03266	1
		9037	44.50370	56.23800	85.00000	0.00000	0.00000	0.02980	1
		9038	45.25800	56.23800	85.00000	0.00000	0.00000	0.02685	1
		9039	46.01230	56.23800	85.00000	0.00000	0.00000	0.02384	1
		9040	46.76660	56.23800	85.00000	0.00000	0.00000	0.02083	1
		9041	47.52090	56.23800	85.00000	0.00000	0.00000	0.01787	1
		9042	48.27520	56.23800	85.00000	0.00000	0.00000	0.01498	1
		9043	49.02950	56.23800	85.00000	0.00000	0.00000	0.01221	1
		9044	49.78380	56.23800	85.00000	0.00000	0.00000	0.00957	1
		9045	50.53810	56.23800	85.00000	0.00000	0.00000	0.00709	1
		9046	51.29240	56.23800	85.00000	0.00000	0.00000	0.00478	1
		9047	52.04670	56.23800	85.00000	0.00000	0.00000	0.00266	1
		9048	52.80100	56.23800	85.00000	0.00000	0.00000	0.00072	1
		9049	53.55530	56.23800	85.00000	0.00000	0.00000	-0.00104	1
		9050	54.30960	56.23800	85.00000	0.00000	0.00000	-0.00261	1
		9051	55.06390	56.23800	85.00000	0.00000	0.00000	-0.00401	1
		9052	55.81820	56.23800	85.00000	0.00000	0.00000	-0.00524	1
		9053	56.57250	56.23800	85.00000	0.00000	0.00000	-0.00631	1
		9054	57.32680	56.23800	85.00000	0.00000	0.00000	-0.00723	1
		9055	58.08110	56.23800	85.00000	0.00000	0.00000	-0.00801	1
		9056	58.83540	56.23800	85.00000	0.00000	0.00000	-0.00867	1
		9057	59.58970	56.23800	85.00000	0.00000	0.00000	-0.00921	1
		9058	60.34400	56.23800	85.00000	0.00000	0.00000	-0.00965	



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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		9093	10.56020	56.95900	85.00000	0.00000	0.00000	-0.01042	1
		9094	11.31450	56.95900	85.00000	0.00000	0.00000	-0.01046	1
		9095	12.06880	56.95900	85.00000	0.00000	0.00000	-0.01046	1
		9096	12.82310	56.95900	85.00000	0.00000	0.00000	-0.01041	1
		9097	13.57740	56.95900	85.00000	0.00000	0.00000	-0.01031	1
		9098	14.33170	56.95900	85.00000	0.00000	0.00000	-0.01015	1
		9099	15.08600	56.95900	85.00000	0.00000	0.00000	-0.00992	1
		9100	15.84030	56.95900	85.00000	0.00000	0.00000	-0.00961	1
		9101	16.59460	56.95900	85.00000	0.00000	0.00000	-0.00921	1
		9102	17.34890	56.95900	85.00000	0.00000	0.00000	-0.00872	1
		9103	18.10320	56.95900	85.00000	0.00000	0.00000	-0.00812	1
		9104	18.85750	56.95900	85.00000	0.00000	0.00000	-0.00740	1
		9105	19.61180	56.95900	85.00000	0.00000	0.00000	-0.00656	1
		9106	20.36610	56.95900	85.00000	0.00000	0.00000	-0.00558	1
		9107	21.12040	56.95900	85.00000	0.00000	0.00000	-0.00446	1
		9108	21.87470	56.95900	85.00000	0.00000	0.00000	-0.00318	1
		9109	22.62900	56.95900	85.00000	0.00000	0.00000	-0.00175	1
		9110	23.38330	56.95900	85.00000	0.00000	0.00000	-0.00017	1
		9111	24.13760	56.95900	85.00000	0.00000	0.00000	0.00158	1
		9112	24.89190	56.95900	85.00000	0.00000	0.00000	0.00348	1
		9113	25.64620	56.95900	85.00000	0.00000	0.00000	0.00552	1
		9114	26.40050	56.95900	85.00000	0.00000	0.00000	0.00770	1
		9115	27.15480	56.95900	85.00000	0.00000	0.00000	0.00998	1
		9116	27.90910	56.95900	85.00000	0.00000	0.00000	0.01236	1
		9117	28.66340	56.95900	85.00000	0.00000	0.00000	0.01480	1
		9118	29.41770	56.95900	85.00000	0.00000	0.00000	0.01727	1
		9119	30.17200	56.95900	85.00000	0.00000	0.00000	0.01972	1
		9120	30.92630	56.95900	85.00000	0.00000	0.00000	0.02212	1
		9121	31.68060	56.95900	85.00000	0.00000	0.00000	0.02442	1
		9122	32.43490	56.95900	85.00000	0.00000	0.00000	0.02657	1
		9123	33.18920	56.95900	85.00000	0.00000	0.00000	0.02854	1
		9124	33.94350	56.95900	85.00000	0.00000	0.00000	0.03027	1
		9125	34.69780	56.95900	85.00000	0.00000	0.00000	0.03174	1
		9126	35.45210	56.95900	85.00000	0.00000	0.00000	0.03290	1
		9127	36.20640	56.95900	85.00000	0.00000	0.00000	0.03373	1
		9128	36.96070	56.95900	85.00000	0.00000	0.00000	0.03422	1
		9129	37.71500	56.95900	85.00000	0.00000	0.00000	0.03436	1
		9130	38.46930	56.95900	85.00000	0.00000	0.00000	0.03413	1
		9131	39.22360	56.95900	85.00000	0.00000	0.00000	0.03356	1
		9132	39.97790	56.95900	85.00000	0.00000	0.00000	0.03265	1
		9133	40.73220	56.95900	85.00000	0.00000	0.00000	0.03143	1
		9134	41.48650	56.95900	85.00000	0.00000	0.00000	0.02992	1
		9135	42.24080	56.95900	85.00000	0.00000	0.00000	0.02816	1
		9136	42.99510	56.95900	85.00000	0.00000	0.00000	0.02620	1
		9137	43.74940	56.95900	85.00000	0.00000	0.00000	0.02406	1
		9138	44.50370	56.95900	85.00000	0.00000	0.00000	0.02179	1
		9139	45.25800	56.95900	85.00000	0.00000	0.00000	0.01944	1
		9140	46.01230	56.95900	85.00000	0.00000	0.00000	0.01704	1
		9141	46.76660	56.95900	85.00000	0.00000	0.00000	0.01464	1
		9142	47.52090	56.95900	85.00000	0.00000	0.00000	0.01227	1
		9143	48.27520	56.95900	85.00000	0.00000	0.00000	0.00995	1
		9144	49.02950	56.95900	85.00000	0.00000	0.00000	0.00772	1
		9145	49.78380	56.95900	85.00000	0.00000	0.00000	0.00559	1
		9146	50.53810	56.95900	85.00000	0.00000	0.00000	0.00359	1
		9147	51.29240	56.95900	85.00000	0.00000	0.00000	0.00172	1
		9148	52.04670	56.95900	85.00000	0.00000	0.00000	-0.00001	1
		9149	52.80100	56.95900	85.00000	0.00000	0.00000	-0.00158	1
		9150	53.55530	56.95900	85.00000	0.00000	0.00000	-0.00301	1
		9151	54.30960	56.95900	85.00000	0.00000	0.00000	-0.00429	1
		9152	55.06390	56.95900	85.00000	0.00000	0.00000	-0.00543	1
		9153	55.81820	56.95900	85.00000	0.00000	0.00000	-0.00643	1
		9154	56.57250	56.95900	85.00000	0.00000	0.00000	-0.00730	1
		9155	57.32680	56.95900	85.00000	0.00000	0.00000	-0.00804	1
		9156	58.08110	56.95900	85.00000	0.00000	0.00000	-0.00867	1
		9157	58.83540	56.95900	85.00000	0.00000	0.00000	-0.00919	1
		9158	59.58970	56.95900	85.00000	0.00000	0.00000	-0.00962	1
		9159	60.34400	56.95900	85.00000	0.00000	0.00000	-0.00996	1
		9160	61.09830	56.95900	85.00000	0.00000	0.00000	-0.01022	1
		9161	61.85260	56.95900	85.00000	0.00000	0.00000	-0.01041	1
		9162	62.60690	56.95900	85.00000	0.00000	0.00000	-0.01054	1
		9163	63.36120	56.95900	85.00000	0.00000	0.00000	-0.01061	1
		9164	64.11550	56.95900	85.00000	0.00000	0.00000	-0.01063	1
		9165	64.86980	56.95900	85.00000	0.00000	0.00000	-0.01061	1
		9166	65.62410	56.95900	85.00000	0.00000	0.00000	-0.01055	1
		9167	66.37840	56.95900	85.00000	0.00000	0.00000	-0.01046	1
		9168	67.13270	56.95900	85.00000	0.00000	0.00000	-0.01034	1
		9169	67.88700	56.95900	85.00000	0.00000	0.00000	-0.01020	1
		9170	68.64130	56.95900	85.00000	0.00000	0.00000	-0.01005	1
		9171	69.39560	56.95900	85.00000	0.00000	0.00000	-0.00987	1
		9172	70.14990	56.95900	85.00000	0.00000	0.00000	-0.00968	1
		9173	70.90420	56.95900	85.00000	0.00000	0.00000	-0.00949	1
		9174	71.65850	56.95900	85.00000	0.00000	0.00000	-0.00928	1
		9175	72.41280	56.95900	85.00000	0.00000	0.00000	-0.00907	1
		9176	73.16710	56.95900	85.00000	0.00000	0.00000	-0.00885	1
		9177	73.92140	56.95900	85.00000	0.00000	0.00000	-0.00864	1
		9178	74.67570	56.95900	85.00000	0.00000	0.00000	-0.00842	1
		9179	75.43000	56.95900	85.00000	0.00000	0.00000	-0.00820	1
		9180	0.00000	57.68000	85.00000	0.00000	0.00000	-0.00782	1
		9181	0.75430	57.68000	85.00000	0.00000	0.00000	-0.00804	1
		9182	1.50860	57.68000	85.00000	0.00000	0.00000	-0.00825	1
		9183	2.26290	57.68000	85.00000	0.00000	0.00000	-0.00847	1
		9184	3.01720	57.68000	85.00000	0.00000	0.00000	-0.00868	1
		9185	3.77150	57.68000	85.00000	0.00000	0.00000	-0.00889	1
		9186	4.52580	57.68000	85.00000	0.00000	0.00000	-0.00910	1
		9187	5.28010	57.68000	85.00000	0.00000	0.00000	-0.00930	1
		9188	6.03440	57.68000	85.00000	0.00000	0.00000	-0.	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		9223	32.43490	57.68000	85.00000	0.00000	0.00000	0.01902	1
		9224	33.18920	57.68000	85.00000	0.00000	0.00000	0.02057	1
		9225	33.94350	57.68000	85.00000	0.00000	0.00000	0.02193	1
		9226	34.69780	57.68000	85.00000	0.00000	0.00000	0.02309	1
		9227	35.45210	57.68000	85.00000	0.00000	0.00000	0.02400	1
		9228	36.20640	57.68000	85.00000	0.00000	0.00000	0.02466	1
		9229	36.96070	57.68000	85.00000	0.00000	0.00000	0.02505	1
		9230	37.71500	57.68000	85.00000	0.00000	0.00000	0.02516	1
		9231	38.46930	57.68000	85.00000	0.00000	0.00000	0.02498	1
		9232	39.22360	57.68000	85.00000	0.00000	0.00000	0.02453	1
		9233	39.97790	57.68000	85.00000	0.00000	0.00000	0.02381	1
		9234	40.73220	57.68000	85.00000	0.00000	0.00000	0.02285	1
		9235	41.48650	57.68000	85.00000	0.00000	0.00000	0.02166	1
		9236	42.24080	57.68000	85.00000	0.00000	0.00000	0.02027	1
		9237	42.99510	57.68000	85.00000	0.00000	0.00000	0.01872	1
		9238	43.74940	57.68000	85.00000	0.00000	0.00000	0.01702	1
		9239	44.50370	57.68000	85.00000	0.00000	0.00000	0.01523	1
		9240	45.25800	57.68000	85.00000	0.00000	0.00000	0.01336	1
		9241	46.01230	57.68000	85.00000	0.00000	0.00000	0.01145	1
		9242	46.76660	57.68000	85.00000	0.00000	0.00000	0.00953	1
		9243	47.52090	57.68000	85.00000	0.00000	0.00000	0.00763	1
		9244	48.27520	57.68000	85.00000	0.00000	0.00000	0.00578	1
		9245	49.02950	57.68000	85.00000	0.00000	0.00000	0.00398	1
		9246	49.78380	57.68000	85.00000	0.00000	0.00000	0.00228	1
		9247	50.53810	57.68000	85.00000	0.00000	0.00000	0.00066	1
		9248	51.29240	57.68000	85.00000	0.00000	0.00000	-0.00084	1
		9249	52.04670	57.68000	85.00000	0.00000	0.00000	-0.00224	1
		9250	52.80100	57.68000	85.00000	0.00000	0.00000	-0.00351	1
		9251	53.55530	57.68000	85.00000	0.00000	0.00000	-0.00467	1
		9252	54.30960	57.68000	85.00000	0.00000	0.00000	-0.00570	1
		9253	55.06390	57.68000	85.00000	0.00000	0.00000	-0.00662	1
		9254	55.81820	57.68000	85.00000	0.00000	0.00000	-0.00742	1
		9255	56.57250	57.68000	85.00000	0.00000	0.00000	-0.00812	1
		9256	57.32680	57.68000	85.00000	0.00000	0.00000	-0.00871	1
		9257	58.08110	57.68000	85.00000	0.00000	0.00000	-0.00921	1
		9258	58.83540	57.68000	85.00000	0.00000	0.00000	-0.00962	1
		9259	59.58970	57.68000	85.00000	0.00000	0.00000	-0.00995	1
		9260	60.34400	57.68000	85.00000	0.00000	0.00000	-0.01021	1
		9261	61.09830	57.68000	85.00000	0.00000	0.00000	-0.01040	1
		9262	61.85260	57.68000	85.00000	0.00000	0.00000	-0.01053	1
		9263	62.60690	57.68000	85.00000	0.00000	0.00000	-0.01061	1
		9264	63.36120	57.68000	85.00000	0.00000	0.00000	-0.01063	1
		9265	64.11550	57.68000	85.00000	0.00000	0.00000	-0.01062	1
		9266	64.86980	57.68000	85.00000	0.00000	0.00000	-0.01057	1
		9267	65.62410	57.68000	85.00000	0.00000	0.00000	-0.01049	1
		9268	66.37840	57.68000	85.00000	0.00000	0.00000	-0.01038	1
		9269	67.13270	57.68000	85.00000	0.00000	0.00000	-0.01025	1
		9270	67.88700	57.68000	85.00000	0.00000	0.00000	-0.01010	1
		9271	68.64130	57.68000	85.00000	0.00000	0.00000	-0.00993	1
		9272	69.39560	57.68000	85.00000	0.00000	0.00000	-0.00975	1
		9273	70.14990	57.68000	85.00000	0.00000	0.00000	-0.00956	1
		9274	70.90420	57.68000	85.00000	0.00000	0.00000	-0.00936	1
		9275	71.65850	57.68000	85.00000	0.00000	0.00000	-0.00915	1
		9276	72.41280	57.68000	85.00000	0.00000	0.00000	-0.00894	1
		9277	73.16710	57.68000	85.00000	0.00000	0.00000	-0.00873	1
		9278	73.92140	57.68000	85.00000	0.00000	0.00000	-0.00851	1
		9279	74.67570	57.68000	85.00000	0.00000	0.00000	-0.00830	1
		9280	75.43000	57.68000	85.00000	0.00000	0.00000	-0.00808	1
		9281	0.00000	58.40100	85.00000	0.00000	0.00000	-0.00771	1
		9282	0.75430	58.40100	85.00000	0.00000	0.00000	-0.00792	1
		9283	1.50860	58.40100	85.00000	0.00000	0.00000	-0.00813	1
		9284	2.26290	58.40100	85.00000	0.00000	0.00000	-0.00834	1
		9285	3.01720	58.40100	85.00000	0.00000	0.00000	-0.00855	1
		9286	3.77150	58.40100	85.00000	0.00000	0.00000	-0.00876	1
		9287	4.52580	58.40100	85.00000	0.00000	0.00000	-0.00897	1
		9288	5.28010	58.40100	85.00000	0.00000	0.00000	-0.00917	1
		9289	6.03440	58.40100	85.00000	0.00000	0.00000	-0.00937	1
		9290	6.78870	58.40100	85.00000	0.00000	0.00000	-0.00956	1
		9291	7.54300	58.40100	85.00000	0.00000	0.00000	-0.00974	1
		9292	8.29730	58.40100	85.00000	0.00000	0.00000	-0.00991	1
		9293	9.05160	58.40100	85.00000	0.00000	0.00000	-0.01006	1
		9294	9.80590	58.40100	85.00000	0.00000	0.00000	-0.01019	1
		9295	10.56020	58.40100	85.00000	0.00000	0.00000	-0.01030	1
		9296	11.31450	58.40100	85.00000	0.00000	0.00000	-0.01039	1
		9297	12.06880	58.40100	85.00000	0.00000	0.00000	-0.01045	1
		9298	12.82310	58.40100	85.00000	0.00000	0.00000	-0.01047	1
		9299	13.57740	58.40100	85.00000	0.00000	0.00000	-0.01045	1
		9300	14.33170	58.40100	85.00000	0.00000	0.00000	-0.01039	1
		9301	15.08600	58.40100	85.00000	0.00000	0.00000	-0.01028	1
		9302	15.84030	58.40100	85.00000	0.00000	0.00000	-0.01012	1
		9303	16.59460	58.40100	85.00000	0.00000	0.00000	-0.00989	1
		9304	17.34890	58.40100	85.00000	0.00000	0.00000	-0.00959	1
		9305	18.10320	58.40100	85.00000	0.00000	0.00000	-0.00923	1
		9306	18.85750	58.40100	85.00000	0.00000	0.00000	-0.00878	1
		9307	19.61180	58.40100	85.00000	0.00000	0.00000	-0.00824	1
		9308	20.36610	58.40100	85.00000	0.00000	0.00000	-0.00761	1
		9309	21.12040	58.40100	85.00000	0.00000	0.00000	-0.00689	1
		9310	21.87470	58.40100	85.00000	0.00000	0.00000	-0.00606	1
		9311	22.62900	58.40100	85.00000	0.00000	0.00000	-0.00514	1
		9312	23.38330	58.40100	85.00000	0.00000	0.00000	-0.00411	1
		9313	24.13760	58.40100	85.00000	0.00000	0.00000	-0.00298	1
		9314	24.89190	58.40100	85.00000	0.00000	0.00000	-0.00176	1
		9315	25.64620	58.40100	85.00000	0.00000	0.00000	-0.00044	1
		9316	26.40050	58.40100	85.00000	0.00000	0.00000	0.00095	1
		9317	27.15480	58.40100	85.00000	0.00000	0.00000	0.00242	1
		9318	27.90910	58.40100	85.00000	0.00000	0.00000	0.00393	1
		9319	28.66340	58.40100					



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		9353	54.30960	58.40100	85.00000	0.00000	0.00000	-0.00687	1
		9354	55.06390	58.40100	85.00000	0.00000	0.00000	-0.00760	1
		9355	55.81820	58.40100	85.00000	0.00000	0.00000	-0.00824	1
		9356	56.57250	58.40100	85.00000	0.00000	0.00000	-0.00880	1
		9357	57.32680	58.40100	85.00000	0.00000	0.00000	-0.00926	1
		9358	58.08110	58.40100	85.00000	0.00000	0.00000	-0.00965	1
		9359	58.83540	58.40100	85.00000	0.00000	0.00000	-0.00997	1
		9360	59.58970	58.40100	85.00000	0.00000	0.00000	-0.01021	1
		9361	60.34400	58.40100	85.00000	0.00000	0.00000	-0.01040	1
		9362	61.09830	58.40100	85.00000	0.00000	0.00000	-0.01053	1
		9363	61.85260	58.40100	85.00000	0.00000	0.00000	-0.01061	1
		9364	62.60690	58.40100	85.00000	0.00000	0.00000	-0.01064	1
		9365	63.36120	58.40100	85.00000	0.00000	0.00000	-0.01063	1
		9366	64.11550	58.40100	85.00000	0.00000	0.00000	-0.01059	1
		9367	64.86980	58.40100	85.00000	0.00000	0.00000	-0.01051	1
		9368	65.62410	58.40100	85.00000	0.00000	0.00000	-0.01041	1
		9369	66.37840	58.40100	85.00000	0.00000	0.00000	-0.01029	1
		9370	67.13270	58.40100	85.00000	0.00000	0.00000	-0.01015	1
		9371	67.88700	58.40100	85.00000	0.00000	0.00000	-0.00999	1
		9372	68.64130	58.40100	85.00000	0.00000	0.00000	-0.00981	1
		9373	69.39560	58.40100	85.00000	0.00000	0.00000	-0.00963	1
		9374	70.14990	58.40100	85.00000	0.00000	0.00000	-0.00943	1
		9375	70.90420	58.40100	85.00000	0.00000	0.00000	-0.00923	1
		9376	71.65850	58.40100	85.00000	0.00000	0.00000	-0.00902	1
		9377	72.41280	58.40100	85.00000	0.00000	0.00000	-0.00881	1
		9378	73.16710	58.40100	85.00000	0.00000	0.00000	-0.00860	1
		9379	73.92140	58.40100	85.00000	0.00000	0.00000	-0.00839	1
		9380	74.67570	58.40100	85.00000	0.00000	0.00000	-0.00817	1
		9381	75.43000	58.40100	85.00000	0.00000	0.00000	-0.00796	1
		9382	0.00000	59.12200	85.00000	0.00000	0.00000	-0.00759	1
		9383	0.75430	59.12200	85.00000	0.00000	0.00000	-0.00780	1
		9384	1.50860	59.12200	85.00000	0.00000	0.00000	-0.00801	1
		9385	2.26290	59.12200	85.00000	0.00000	0.00000	-0.00822	1
		9386	3.01720	59.12200	85.00000	0.00000	0.00000	-0.00842	1
		9387	3.77150	59.12200	85.00000	0.00000	0.00000	-0.00863	1
		9388	4.52580	59.12200	85.00000	0.00000	0.00000	-0.00884	1
		9389	5.28010	59.12200	85.00000	0.00000	0.00000	-0.00904	1
		9390	6.03440	59.12200	85.00000	0.00000	0.00000	-0.00924	1
		9391	6.78870	59.12200	85.00000	0.00000	0.00000	-0.00943	1
		9392	7.54300	59.12200	85.00000	0.00000	0.00000	-0.00962	1
		9393	8.29730	59.12200	85.00000	0.00000	0.00000	-0.00979	1
		9394	9.05160	59.12200	85.00000	0.00000	0.00000	-0.00995	1
		9395	9.80590	59.12200	85.00000	0.00000	0.00000	-0.01009	1
		9396	10.56020	59.12200	85.00000	0.00000	0.00000	-0.01022	1
		9397	11.31450	59.12200	85.00000	0.00000	0.00000	-0.01032	1
		9398	12.06880	59.12200	85.00000	0.00000	0.00000	-0.01040	1
		9399	12.82310	59.12200	85.00000	0.00000	0.00000	-0.01045	1
		9400	13.57740	59.12200	85.00000	0.00000	0.00000	-0.01047	1
		9401	14.33170	59.12200	85.00000	0.00000	0.00000	-0.01045	1
		9402	15.08600	59.12200	85.00000	0.00000	0.00000	-0.01039	1
		9403	15.84030	59.12200	85.00000	0.00000	0.00000	-0.01028	1
		9404	16.59460	59.12200	85.00000	0.00000	0.00000	-0.01012	1
		9405	17.34890	59.12200	85.00000	0.00000	0.00000	-0.00990	1
		9406	18.10320	59.12200	85.00000	0.00000	0.00000	-0.00963	1
		9407	18.85750	59.12200	85.00000	0.00000	0.00000	-0.00928	1
		9408	19.61180	59.12200	85.00000	0.00000	0.00000	-0.00886	1
		9409	20.36610	59.12200	85.00000	0.00000	0.00000	-0.00837	1
		9410	21.12040	59.12200	85.00000	0.00000	0.00000	-0.00780	1
		9411	21.87470	59.12200	85.00000	0.00000	0.00000	-0.00715	1
		9412	22.62900	59.12200	85.00000	0.00000	0.00000	-0.00641	1
		9413	23.38330	59.12200	85.00000	0.00000	0.00000	-0.00559	1
		9414	24.13760	59.12200	85.00000	0.00000	0.00000	-0.00470	1
		9415	24.89190	59.12200	85.00000	0.00000	0.00000	-0.00372	1
		9416	25.64620	59.12200	85.00000	0.00000	0.00000	-0.00267	1
		9417	26.40050	59.12200	85.00000	0.00000	0.00000	-0.00157	1
		9418	27.15480	59.12200	85.00000	0.00000	0.00000	-0.00040	1
		9419	27.90910	59.12200	85.00000	0.00000	0.00000	0.00080	1
		9420	28.66340	59.12200	85.00000	0.00000	0.00000	0.00202	1
		9421	29.41770	59.12200	85.00000	0.00000	0.00000	0.00325	1
		9422	30.17200	59.12200	85.00000	0.00000	0.00000	0.00447	1
		9423	30.92630	59.12200	85.00000	0.00000	0.00000	0.00566	1
		9424	31.68060	59.12200	85.00000	0.00000	0.00000	0.00679	1
		9425	32.43490	59.12200	85.00000	0.00000	0.00000	0.00785	1
		9426	33.18920	59.12200	85.00000	0.00000	0.00000	0.00882	1
		9427	33.94350	59.12200	85.00000	0.00000	0.00000	0.00966	1
		9428	34.69780	59.12200	85.00000	0.00000	0.00000	0.01038	1
		9429	35.45210	59.12200	85.00000	0.00000	0.00000	0.01095	1
		9430	36.20640	59.12200	85.00000	0.00000	0.00000	0.01135	1
		9431	36.96070	59.12200	85.00000	0.00000	0.00000	0.01159	1
		9432	37.71500	59.12200	85.00000	0.00000	0.00000	0.01166	1
		9433	38.46930	59.12200	85.00000	0.00000	0.00000	0.01155	1
		9434	39.22360	59.12200	85.00000	0.00000	0.00000	0.01127	1
		9435	39.97790	59.12200	85.00000	0.00000	0.00000	0.01083	1
		9436	40.73220	59.12200	85.00000	0.00000	0.00000	0.01023	1
		9437	41.48650	59.12200	85.00000	0.00000	0.00000	0.00949	1
		9438	42.24080	59.12200	85.00000	0.00000	0.00000	0.00863	1
		9439	42.99510	59.12200	85.00000	0.00000	0.00000	0.00765	1
		9440	43.74940	59.12200	85.00000	0.00000	0.00000	0.00660	1
		9441	44.50370	59.12200	85.00000	0.00000	0.00000	0.00547	1
		9442	45.25800	59.12200	85.00000	0.00000	0.00000	0.00429	1
		9443	46.01230	59.12200	85.00000	0.00000	0.00000	0.00309	1
		9444	46.76660	59.12200	85.00000	0.00000	0.00000	0.00188	1
		9445	47.52090	59.12200	85.00000	0.00000	0.00000	0.00067	1
		9446	48.27520	59.12200	85.00000	0.00000	0.00000	-0.00051	1
		9447	49.02950	59.12200	85.00000	0.00000	0.00000	-0.00165	1
		9448	49.78380	59.12200	85.00000	0.00000	0.00000	-0.00274	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		9483	0.00000	59.84300	85.00000	0.00000	0.00000	-0.00747	1
		9484	0.75430	59.84300	85.00000	0.00000	0.00000	-0.00768	1
		9485	1.50860	59.84300	85.00000	0.00000	0.00000	-0.00788	1
		9486	2.26290	59.84300	85.00000	0.00000	0.00000	-0.00809	1
		9487	3.01720	59.84300	85.00000	0.00000	0.00000	-0.00829	1
		9488	3.77150	59.84300	85.00000	0.00000	0.00000	-0.00850	1
		9489	4.52580	59.84300	85.00000	0.00000	0.00000	-0.00870	1
		9490	5.28010	59.84300	85.00000	0.00000	0.00000	-0.00891	1
		9491	6.03440	59.84300	85.00000	0.00000	0.00000	-0.00910	1
		9492	6.78870	59.84300	85.00000	0.00000	0.00000	-0.00930	1
		9493	7.54300	59.84300	85.00000	0.00000	0.00000	-0.00948	1
		9494	8.29730	59.84300	85.00000	0.00000	0.00000	-0.00966	1
		9495	9.05160	59.84300	85.00000	0.00000	0.00000	-0.00983	1
		9496	9.80590	59.84300	85.00000	0.00000	0.00000	-0.00998	1
		9497	10.56020	59.84300	85.00000	0.00000	0.00000	-0.01012	1
		9498	11.31450	59.84300	85.00000	0.00000	0.00000	-0.01024	1
		9499	12.06880	59.84300	85.00000	0.00000	0.00000	-0.01034	1
		9500	12.82310	59.84300	85.00000	0.00000	0.00000	-0.01041	1
		9501	13.57740	59.84300	85.00000	0.00000	0.00000	-0.01046	1
		9502	14.33170	59.84300	85.00000	0.00000	0.00000	-0.01047	1
		9503	15.08600	59.84300	85.00000	0.00000	0.00000	-0.01045	1
		9504	15.84030	59.84300	85.00000	0.00000	0.00000	-0.01039	1
		9505	16.59460	59.84300	85.00000	0.00000	0.00000	-0.01029	1
		9506	17.34890	59.84300	85.00000	0.00000	0.00000	-0.01014	1
		9507	18.10320	59.84300	85.00000	0.00000	0.00000	-0.00994	1
		9508	18.85750	59.84300	85.00000	0.00000	0.00000	-0.00968	1
		9509	19.61180	59.84300	85.00000	0.00000	0.00000	-0.00936	1
		9510	20.36610	59.84300	85.00000	0.00000	0.00000	-0.00898	1
		9511	21.12040	59.84300	85.00000	0.00000	0.00000	-0.00854	1
		9512	21.87470	59.84300	85.00000	0.00000	0.00000	-0.00803	1
		9513	22.62900	59.84300	85.00000	0.00000	0.00000	-0.00745	1
		9514	23.38330	59.84300	85.00000	0.00000	0.00000	-0.00681	1
		9515	24.13760	59.84300	85.00000	0.00000	0.00000	-0.00610	1
		9516	24.89190	59.84300	85.00000	0.00000	0.00000	-0.00533	1
		9517	25.64620	59.84300	85.00000	0.00000	0.00000	-0.00450	1
		9518	26.40050	59.84300	85.00000	0.00000	0.00000	-0.00363	1
		9519	27.15480	59.84300	85.00000	0.00000	0.00000	-0.00271	1
		9520	27.90910	59.84300	85.00000	0.00000	0.00000	-0.00176	1
		9521	28.66340	59.84300	85.00000	0.00000	0.00000	-0.00080	1
		9522	29.41770	59.84300	85.00000	0.00000	0.00000	-0.00017	1
		9523	30.17200	59.84300	85.00000	0.00000	0.00000	0.00114	1
		9524	30.92630	59.84300	85.00000	0.00000	0.00000	0.00207	1
		9525	31.68060	59.84300	85.00000	0.00000	0.00000	0.00296	1
		9526	32.43490	59.84300	85.00000	0.00000	0.00000	0.00379	1
		9527	33.18920	59.84300	85.00000	0.00000	0.00000	0.00455	1
		9528	33.94350	59.84300	85.00000	0.00000	0.00000	0.00521	1
		9529	34.69780	59.84300	85.00000	0.00000	0.00000	0.00577	1
		9530	35.45210	59.84300	85.00000	0.00000	0.00000	0.00622	1
		9531	36.20640	59.84300	85.00000	0.00000	0.00000	0.00654	1
		9532	36.96070	59.84300	85.00000	0.00000	0.00000	0.00673	1
		9533	37.71500	59.84300	85.00000	0.00000	0.00000	0.00678	1
		9534	38.46930	59.84300	85.00000	0.00000	0.00000	0.00669	1
		9535	39.22360	59.84300	85.00000	0.00000	0.00000	0.00647	1
		9536	39.97790	59.84300	85.00000	0.00000	0.00000	0.00612	1
		9537	40.73220	59.84300	85.00000	0.00000	0.00000	0.00565	1
		9538	41.48650	59.84300	85.00000	0.00000	0.00000	0.00507	1
		9539	42.24080	59.84300	85.00000	0.00000	0.00000	0.00439	1
		9540	42.99510	59.84300	85.00000	0.00000	0.00000	0.00362	1
		9541	43.74940	59.84300	85.00000	0.00000	0.00000	0.00279	1
		9542	44.50370	59.84300	85.00000	0.00000	0.00000	0.00190	1
		9543	45.25800	59.84300	85.00000	0.00000	0.00000	0.00097	1
		9544	46.01230	59.84300	85.00000	0.00000	0.00000	0.00002	1
		9545	46.76660	59.84300	85.00000	0.00000	0.00000	-0.00094	1
		9546	47.52090	59.84300	85.00000	0.00000	0.00000	-0.00189	1
		9547	48.27520	59.84300	85.00000	0.00000	0.00000	-0.00282	1
		9548	49.02950	59.84300	85.00000	0.00000	0.00000	-0.00373	1
		9549	49.78380	59.84300	85.00000	0.00000	0.00000	-0.00459	1
		9550	50.53810	59.84300	85.00000	0.00000	0.00000	-0.00541	1
		9551	51.29240	59.84300	85.00000	0.00000	0.00000	-0.00617	1
		9552	52.04670	59.84300	85.00000	0.00000	0.00000	-0.00688	1
		9553	52.80100	59.84300	85.00000	0.00000	0.00000	-0.00752	1
		9554	53.55530	59.84300	85.00000	0.00000	0.00000	-0.00810	1
		9555	54.30960	59.84300	85.00000	0.00000	0.00000	-0.00861	1
		9556	55.06390	59.84300	85.00000	0.00000	0.00000	-0.00906	1
		9557	55.81820	59.84300	85.00000	0.00000	0.00000	-0.00945	1
		9558	56.57250	59.84300	85.00000	0.00000	0.00000	-0.00978	1
		9559	57.32680	59.84300	85.00000	0.00000	0.00000	-0.01005	1
		9560	58.08110	59.84300	85.00000	0.00000	0.00000	-0.01026	1
		9561	58.83540	59.84300	85.00000	0.00000	0.00000	-0.01043	1
		9562	59.58970	59.84300	85.00000	0.00000	0.00000	-0.01054	1
		9563	60.34400	59.84300	85.00000	0.00000	0.00000	-0.01061	1
		9564	61.09830	59.84300	85.00000	0.00000	0.00000	-0.01065	1
		9565	61.85260	59.84300	85.00000	0.00000	0.00000	-0.01064	1
		9566	62.60690	59.84300	85.00000	0.00000	0.00000	-0.01061	1
		9567	63.36120	59.84300	85.00000	0.00000	0.00000	-0.01055	1
		9568	64.11550	59.84300	85.00000	0.00000	0.00000	-0.01046	1
		9569	64.86980	59.84300	85.00000	0.00000	0.00000	-0.01034	1
		9570	65.62410	59.84300	85.00000	0.00000	0.00000	-0.01021	1
		9571	66.37840	59.84300	85.00000	0.00000	0.00000	-0.01006	1
		9572	67.13270	59.84300	85.00000	0.00000	0.00000	-0.00990	1
		9573	67.88700	59.84300	85.00000	0.00000	0.00000	-0.00973	1
		9574	68.64130	59.84300	85.00000	0.00000	0.00000	-0.00955	1
		9575	69.39560	59.84300	85.00000	0.00000	0.00000	-0.00935	1
		9576	70.14990	59.84300	85.00000	0.00000	0.00000	-0.00916	1
		9577	70.90420	59.84300	85.00000	0.00000	0.00000	-0.00895	1
		9578	71.65850	59.84300	85.00000	0.00000	0.00000	-0.00875	1
		9579	72.41280	59.84300					



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		9613	21.87470	60.56400	85.00000	0.00000	0.00000	-0.00874	1
		9614	22.62900	60.56400	85.00000	0.00000	0.00000	-0.00829	1
		9615	23.38330	60.56400	85.00000	0.00000	0.00000	-0.00779	1
		9616	24.13760	60.56400	85.00000	0.00000	0.00000	-0.00724	1
		9617	24.89190	60.56400	85.00000	0.00000	0.00000	-0.00664	1
		9618	25.64620	60.56400	85.00000	0.00000	0.00000	-0.00599	1
		9619	26.40050	60.56400	85.00000	0.00000	0.00000	-0.00531	1
		9620	27.15480	60.56400	85.00000	0.00000	0.00000	-0.00459	1
		9621	27.90910	60.56400	85.00000	0.00000	0.00000	-0.00384	1
		9622	28.66340	60.56400	85.00000	0.00000	0.00000	-0.00309	1
		9623	29.41770	60.56400	85.00000	0.00000	0.00000	-0.00232	1
		9624	30.17200	60.56400	85.00000	0.00000	0.00000	-0.00157	1
		9625	30.92630	60.56400	85.00000	0.00000	0.00000	-0.00084	1
		9626	31.68060	60.56400	85.00000	0.00000	0.00000	-0.00014	1
		9627	32.43490	60.56400	85.00000	0.00000	0.00000	0.00051	1
		9628	33.18920	60.56400	85.00000	0.00000	0.00000	0.00110	1
		9629	33.94350	60.56400	85.00000	0.00000	0.00000	0.00162	1
		9630	34.69780	60.56400	85.00000	0.00000	0.00000	0.00206	1
		9631	35.45210	60.56400	85.00000	0.00000	0.00000	0.00241	1
		9632	36.20640	60.56400	85.00000	0.00000	0.00000	0.00266	1
		9633	36.96070	60.56400	85.00000	0.00000	0.00000	0.00280	1
		9634	37.71500	60.56400	85.00000	0.00000	0.00000	0.00284	1
		9635	38.46930	60.56400	85.00000	0.00000	0.00000	0.00277	1
		9636	39.22360	60.56400	85.00000	0.00000	0.00000	0.00260	1
		9637	39.97790	60.56400	85.00000	0.00000	0.00000	0.00233	1
		9638	40.73220	60.56400	85.00000	0.00000	0.00000	0.00196	1
		9639	41.48650	60.56400	85.00000	0.00000	0.00000	0.00150	1
		9640	42.24080	60.56400	85.00000	0.00000	0.00000	0.00097	1
		9641	42.99510	60.56400	85.00000	0.00000	0.00000	0.00037	1
		9642	43.74940	60.56400	85.00000	0.00000	0.00000	-0.00029	1
		9643	44.50370	60.56400	85.00000	0.00000	0.00000	-0.00099	1
		9644	45.25800	60.56400	85.00000	0.00000	0.00000	-0.00172	1
		9645	46.01230	60.56400	85.00000	0.00000	0.00000	-0.00247	1
		9646	46.76660	60.56400	85.00000	0.00000	0.00000	-0.00322	1
		9647	47.52090	60.56400	85.00000	0.00000	0.00000	-0.00397	1
		9648	48.27520	60.56400	85.00000	0.00000	0.00000	-0.00471	1
		9649	49.02950	60.56400	85.00000	0.00000	0.00000	-0.00542	1
		9650	49.78380	60.56400	85.00000	0.00000	0.00000	-0.00610	1
		9651	50.53810	60.56400	85.00000	0.00000	0.00000	-0.00674	1
		9652	51.29240	60.56400	85.00000	0.00000	0.00000	-0.00734	1
		9653	52.04670	60.56400	85.00000	0.00000	0.00000	-0.00789	1
		9654	52.80100	60.56400	85.00000	0.00000	0.00000	-0.00839	1
		9655	53.55530	60.56400	85.00000	0.00000	0.00000	-0.00884	1
		9656	54.30960	60.56400	85.00000	0.00000	0.00000	-0.00923	1
		9657	55.06390	60.56400	85.00000	0.00000	0.00000	-0.00958	1
		9658	55.81820	60.56400	85.00000	0.00000	0.00000	-0.00987	1
		9659	56.57250	60.56400	85.00000	0.00000	0.00000	-0.01011	1
		9660	57.32680	60.56400	85.00000	0.00000	0.00000	-0.01030	1
		9661	58.08110	60.56400	85.00000	0.00000	0.00000	-0.01045	1
		9662	58.83540	60.56400	85.00000	0.00000	0.00000	-0.01056	1
		9663	59.58970	60.56400	85.00000	0.00000	0.00000	-0.01062	1
		9664	60.34400	60.56400	85.00000	0.00000	0.00000	-0.01065	1
		9665	61.09830	60.56400	85.00000	0.00000	0.00000	-0.01065	1
		9666	61.85260	60.56400	85.00000	0.00000	0.00000	-0.01062	1
		9667	62.60690	60.56400	85.00000	0.00000	0.00000	-0.01055	1
		9668	63.36120	60.56400	85.00000	0.00000	0.00000	-0.01047	1
		9669	64.11550	60.56400	85.00000	0.00000	0.00000	-0.01036	1
		9670	64.86980	60.56400	85.00000	0.00000	0.00000	-0.01023	1
		9671	65.62410	60.56400	85.00000	0.00000	0.00000	-0.01009	1
		9672	66.37840	60.56400	85.00000	0.00000	0.00000	-0.00994	1
		9673	67.13270	60.56400	85.00000	0.00000	0.00000	-0.00977	1
		9674	67.88700	60.56400	85.00000	0.00000	0.00000	-0.00959	1
		9675	68.64130	60.56400	85.00000	0.00000	0.00000	-0.00940	1
		9676	69.39560	60.56400	85.00000	0.00000	0.00000	-0.00921	1
		9677	70.14990	60.56400	85.00000	0.00000	0.00000	-0.00901	1
		9678	70.90420	60.56400	85.00000	0.00000	0.00000	-0.00881	1
		9679	71.65850	60.56400	85.00000	0.00000	0.00000	-0.00861	1
		9680	72.41280	60.56400	85.00000	0.00000	0.00000	-0.00840	1
		9681	73.16710	60.56400	85.00000	0.00000	0.00000	-0.00820	1
		9682	73.92140	60.56400	85.00000	0.00000	0.00000	-0.00799	1
		9683	74.67570	60.56400	85.00000	0.00000	0.00000	-0.00779	1
		9684	75.43000	60.56400	85.00000	0.00000	0.00000	-0.00759	1
		9685	0.00000	61.28500	85.00000	0.00000	0.00000	-0.00723	1
		9686	0.75430	61.28500	85.00000	0.00000	0.00000	-0.00743	1
		9687	1.50860	61.28500	85.00000	0.00000	0.00000	-0.00762	1
		9688	2.26290	61.28500	85.00000	0.00000	0.00000	-0.00782	1
		9689	3.01720	61.28500	85.00000	0.00000	0.00000	-0.00802	1
		9690	3.77150	61.28500	85.00000	0.00000	0.00000	-0.00822	1
		9691	4.52580	61.28500	85.00000	0.00000	0.00000	-0.00842	1
		9692	5.28010	61.28500	85.00000	0.00000	0.00000	-0.00862	1
		9693	6.03440	61.28500	85.00000	0.00000	0.00000	-0.00882	1
		9694	6.78870	61.28500	85.00000	0.00000	0.00000	-0.00901	1
		9695	7.54300	61.28500	85.00000	0.00000	0.00000	-0.00920	1
		9696	8.29730	61.28500	85.00000	0.00000	0.00000	-0.00939	1
		9697	9.05160	61.28500	85.00000	0.00000	0.00000	-0.00956	1
		9698	9.80590	61.28500	85.00000	0.00000	0.00000	-0.00973	1
		9699	10.56020	61.28500	85.00000	0.00000	0.00000	-0.00988	1
		9700	11.31450	61.28500	85.00000	0.00000	0.00000	-0.01003	1
		9701	12.06880	61.28500	85.00000	0.00000	0.00000	-0.01015	1
		9702	12.82310	61.28500	85.00000	0.00000	0.00000	-0.01026	1
		9703	13.57740	61.28500	85.00000	0.00000	0.00000	-0.01035	1
		9704	14.33170	61.28500	85.00000	0.00000	0.00000	-0.01042	1
		9705	15.08600	61.28500	85.00000	0.00000	0.00000	-0.01047	1
		9706	15.84030	61.28500	85.00000	0.00000	0.00000	-0.01048	1
		9707	16.59460	61.28500	85.00000	0.00000	0.00000	-0.01047	1
		9708	17.34890	61.28500	85.00000	0.00000	0.00000	-0.01042	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		9743	43.74940	61.28500	85.00000	0.00000	0.00000	-0.00277	1
		9744	44.50370	61.28500	85.00000	0.00000	0.00000	-0.00332	1
		9745	45.25800	61.28500	85.00000	0.00000	0.00000	-0.00389	1
		9746	46.01230	61.28500	85.00000	0.00000	0.00000	-0.00448	1
		9747	46.76660	61.28500	85.00000	0.00000	0.00000	-0.00507	1
		9748	47.52090	61.28500	85.00000	0.00000	0.00000	-0.00565	1
		9749	48.27520	61.28500	85.00000	0.00000	0.00000	-0.00623	1
		9750	49.02950	61.28500	85.00000	0.00000	0.00000	-0.00678	1
		9751	49.78380	61.28500	85.00000	0.00000	0.00000	-0.00731	1
		9752	50.53810	61.28500	85.00000	0.00000	0.00000	-0.00781	1
		9753	51.29240	61.28500	85.00000	0.00000	0.00000	-0.00827	1
		9754	52.04670	61.28500	85.00000	0.00000	0.00000	-0.00870	1
		9755	52.80100	61.28500	85.00000	0.00000	0.00000	-0.00908	1
		9756	53.55530	61.28500	85.00000	0.00000	0.00000	-0.00942	1
		9757	54.30960	61.28500	85.00000	0.00000	0.00000	-0.00972	1
		9758	55.06390	61.28500	85.00000	0.00000	0.00000	-0.00997	1
		9759	55.81820	61.28500	85.00000	0.00000	0.00000	-0.01019	1
		9760	56.57250	61.28500	85.00000	0.00000	0.00000	-0.01036	1
		9761	57.32680	61.28500	85.00000	0.00000	0.00000	-0.01049	1
		9762	58.08110	61.28500	85.00000	0.00000	0.00000	-0.01058	1
		9763	58.83540	61.28500	85.00000	0.00000	0.00000	-0.01064	1
		9764	59.58970	61.28500	85.00000	0.00000	0.00000	-0.01066	1
		9765	60.34400	61.28500	85.00000	0.00000	0.00000	-0.01065	1
		9766	61.09830	61.28500	85.00000	0.00000	0.00000	-0.01062	1
		9767	61.85260	61.28500	85.00000	0.00000	0.00000	-0.01056	1
		9768	62.60690	61.28500	85.00000	0.00000	0.00000	-0.01048	1
		9769	63.36120	61.28500	85.00000	0.00000	0.00000	-0.01037	1
		9770	64.11550	61.28500	85.00000	0.00000	0.00000	-0.01025	1
		9771	64.86980	61.28500	85.00000	0.00000	0.00000	-0.01011	1
		9772	65.62410	61.28500	85.00000	0.00000	0.00000	-0.00996	1
		9773	66.37840	61.28500	85.00000	0.00000	0.00000	-0.00980	1
		9774	67.13270	61.28500	85.00000	0.00000	0.00000	-0.00962	1
		9775	67.88700	61.28500	85.00000	0.00000	0.00000	-0.00944	1
		9776	68.64130	61.28500	85.00000	0.00000	0.00000	-0.00926	1
		9777	69.39560	61.28500	85.00000	0.00000	0.00000	-0.00906	1
		9778	70.14990	61.28500	85.00000	0.00000	0.00000	-0.00886	1
		9779	70.90420	61.28500	85.00000	0.00000	0.00000	-0.00866	1
		9780	71.65850	61.28500	85.00000	0.00000	0.00000	-0.00846	1
		9781	72.41280	61.28500	85.00000	0.00000	0.00000	-0.00826	1
		9782	73.16710	61.28500	85.00000	0.00000	0.00000	-0.00806	1
		9783	73.92140	61.28500	85.00000	0.00000	0.00000	-0.00786	1
		9784	74.67570	61.28500	85.00000	0.00000	0.00000	-0.00766	1
		9785	75.43000	61.28500	85.00000	0.00000	0.00000	-0.00746	1
		9786	0.00000	62.00600	85.00000	0.00000	0.00000	-0.00711	1
		9787	0.75430	62.00600	85.00000	0.00000	0.00000	-0.00730	1
		9788	1.50860	62.00600	85.00000	0.00000	0.00000	-0.00749	1
		9789	2.26290	62.00600	85.00000	0.00000	0.00000	-0.00769	1
		9790	3.01720	62.00600	85.00000	0.00000	0.00000	-0.00788	1
		9791	3.77150	62.00600	85.00000	0.00000	0.00000	-0.00808	1
		9792	4.52580	62.00600	85.00000	0.00000	0.00000	-0.00828	1
		9793	5.28010	62.00600	85.00000	0.00000	0.00000	-0.00848	1
		9794	6.03440	62.00600	85.00000	0.00000	0.00000	-0.00867	1
		9795	6.78870	62.00600	85.00000	0.00000	0.00000	-0.00886	1
		9796	7.54300	62.00600	85.00000	0.00000	0.00000	-0.00905	1
		9797	8.29730	62.00600	85.00000	0.00000	0.00000	-0.00924	1
		9798	9.05160	62.00600	85.00000	0.00000	0.00000	-0.00942	1
		9799	9.80590	62.00600	85.00000	0.00000	0.00000	-0.00959	1
		9800	10.56020	62.00600	85.00000	0.00000	0.00000	-0.00975	1
		9801	11.31450	62.00600	85.00000	0.00000	0.00000	-0.00990	1
		9802	12.06880	62.00600	85.00000	0.00000	0.00000	-0.01004	1
		9803	12.82310	62.00600	85.00000	0.00000	0.00000	-0.01016	1
		9804	13.57740	62.00600	85.00000	0.00000	0.00000	-0.01027	1
		9805	14.33170	62.00600	85.00000	0.00000	0.00000	-0.01036	1
		9806	15.08600	62.00600	85.00000	0.00000	0.00000	-0.01042	1
		9807	15.84030	62.00600	85.00000	0.00000	0.00000	-0.01047	1
		9808	16.59460	62.00600	85.00000	0.00000	0.00000	-0.01049	1
		9809	17.34890	62.00600	85.00000	0.00000	0.00000	-0.01048	1
		9810	18.10320	62.00600	85.00000	0.00000	0.00000	-0.01044	1
		9811	18.85750	62.00600	85.00000	0.00000	0.00000	-0.01037	1
		9812	19.61180	62.00600	85.00000	0.00000	0.00000	-0.01026	1
		9813	20.36610	62.00600	85.00000	0.00000	0.00000	-0.01012	1
		9814	21.12040	62.00600	85.00000	0.00000	0.00000	-0.00995	1
		9815	21.87470	62.00600	85.00000	0.00000	0.00000	-0.00973	1
		9816	22.62900	62.00600	85.00000	0.00000	0.00000	-0.00949	1
		9817	23.38330	62.00600	85.00000	0.00000	0.00000	-0.00920	1
		9818	24.13760	62.00600	85.00000	0.00000	0.00000	-0.00888	1
		9819	24.89190	62.00600	85.00000	0.00000	0.00000	-0.00853	1
		9820	25.64620	62.00600	85.00000	0.00000	0.00000	-0.00815	1
		9821	26.40050	62.00600	85.00000	0.00000	0.00000	-0.00774	1
		9822	27.15480	62.00600	85.00000	0.00000	0.00000	-0.00731	1
		9823	27.90910	62.00600	85.00000	0.00000	0.00000	-0.00686	1
		9824	28.66340	62.00600	85.00000	0.00000	0.00000	-0.00641	1
		9825	29.41770	62.00600	85.00000	0.00000	0.00000	-0.00595	1
		9826	30.17200	62.00600	85.00000	0.00000	0.00000	-0.00550	1
		9827	30.92630	62.00600	85.00000	0.00000	0.00000	-0.00506	1
		9828	31.68060	62.00600	85.00000	0.00000	0.00000	-0.00464	1
		9829	32.43490	62.00600	85.00000	0.00000	0.00000	-0.00425	1
		9830	33.18920	62.00600	85.00000	0.00000	0.00000	-0.00389	1
		9831	33.94350	62.00600	85.00000	0.00000	0.00000	-0.00358	1
		9832	34.69780	62.00600	85.00000	0.00000	0.00000	-0.00331	1
		9833	35.45210	62.00600	85.00000	0.00000	0.00000	-0.00311	1
		9834	36.20640	62.00600	85.00000	0.00000	0.00000	-0.00296	1
		9835	36.96070	62.00600	85.00000	0.00000	0.00000	-0.00287	1
		9836	37.71500	62.00600	85.00000	0.00000	0.00000	-0.00285	1
		9837	38.46930	62.00600	85.00000	0.00000	0.00000	-0.00289	1
		9838	39.22360	62.00600	85.00000	0.00000	0.00000	-0.00300	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		9873	65.62410	62.00600	85.00000	0.00000	0.00000	-0.00982	1
		9874	66.37840	62.00600	85.00000	0.00000	0.00000	-0.00965	1
		9875	67.13270	62.00600	85.00000	0.00000	0.00000	-0.00947	1
		9876	67.88700	62.00600	85.00000	0.00000	0.00000	-0.00929	1
		9877	68.64130	62.00600	85.00000	0.00000	0.00000	-0.00910	1
		9878	69.39560	62.00600	85.00000	0.00000	0.00000	-0.00891	1
		9879	70.14990	62.00600	85.00000	0.00000	0.00000	-0.00871	1
		9880	70.90420	62.00600	85.00000	0.00000	0.00000	-0.00852	1
		9881	71.65850	62.00600	85.00000	0.00000	0.00000	-0.00832	1
		9882	72.41280	62.00600	85.00000	0.00000	0.00000	-0.00812	1
		9883	73.16710	62.00600	85.00000	0.00000	0.00000	-0.00792	1
		9884	73.92140	62.00600	85.00000	0.00000	0.00000	-0.00772	1
		9885	74.67570	62.00600	85.00000	0.00000	0.00000	-0.00752	1
		9886	75.43000	62.00600	85.00000	0.00000	0.00000	-0.00733	1
		9887	0.00000	62.72700	85.00000	0.00000	0.00000	-0.00698	1
		9888	0.75430	62.72700	85.00000	0.00000	0.00000	-0.00717	1
		9889	1.50860	62.72700	85.00000	0.00000	0.00000	-0.00736	1
		9890	2.26290	62.72700	85.00000	0.00000	0.00000	-0.00755	1
		9891	3.01720	62.72700	85.00000	0.00000	0.00000	-0.00774	1
		9892	3.77150	62.72700	85.00000	0.00000	0.00000	-0.00794	1
		9893	4.52580	62.72700	85.00000	0.00000	0.00000	-0.00813	1
		9894	5.28010	62.72700	85.00000	0.00000	0.00000	-0.00833	1
		9895	6.03440	62.72700	85.00000	0.00000	0.00000	-0.00852	1
		9896	6.78870	62.72700	85.00000	0.00000	0.00000	-0.00871	1
		9897	7.54300	62.72700	85.00000	0.00000	0.00000	-0.00890	1
		9898	8.29730	62.72700	85.00000	0.00000	0.00000	-0.00908	1
		9899	9.05160	62.72700	85.00000	0.00000	0.00000	-0.00926	1
		9900	9.80590	62.72700	85.00000	0.00000	0.00000	-0.00944	1
		9901	10.56020	62.72700	85.00000	0.00000	0.00000	-0.00960	1
		9902	11.31450	62.72700	85.00000	0.00000	0.00000	-0.00976	1
		9903	12.06880	62.72700	85.00000	0.00000	0.00000	-0.00991	1
		9904	12.82310	62.72700	85.00000	0.00000	0.00000	-0.01004	1
		9905	13.57740	62.72700	85.00000	0.00000	0.00000	-0.01016	1
		9906	14.33170	62.72700	85.00000	0.00000	0.00000	-0.01027	1
		9907	15.08600	62.72700	85.00000	0.00000	0.00000	-0.01035	1
		9908	15.84030	62.72700	85.00000	0.00000	0.00000	-0.01042	1
		9909	16.59460	62.72700	85.00000	0.00000	0.00000	-0.01047	1
		9910	17.34890	62.72700	85.00000	0.00000	0.00000	-0.01049	1
		9911	18.10320	62.72700	85.00000	0.00000	0.00000	-0.01049	1
		9912	18.85750	62.72700	85.00000	0.00000	0.00000	-0.01046	1
		9913	19.61180	62.72700	85.00000	0.00000	0.00000	-0.01040	1
		9914	20.36610	62.72700	85.00000	0.00000	0.00000	-0.01032	1
		9915	21.12040	62.72700	85.00000	0.00000	0.00000	-0.01020	1
		9916	21.87470	62.72700	85.00000	0.00000	0.00000	-0.01006	1
		9917	22.62900	62.72700	85.00000	0.00000	0.00000	-0.00988	1
		9918	23.38330	62.72700	85.00000	0.00000	0.00000	-0.00967	1
		9919	24.13760	62.72700	85.00000	0.00000	0.00000	-0.00944	1
		9920	24.89190	62.72700	85.00000	0.00000	0.00000	-0.00918	1
		9921	25.64620	62.72700	85.00000	0.00000	0.00000	-0.00889	1
		9922	26.40050	62.72700	85.00000	0.00000	0.00000	-0.00859	1
		9923	27.15480	62.72700	85.00000	0.00000	0.00000	-0.00826	1
		9924	27.90910	62.72700	85.00000	0.00000	0.00000	-0.00793	1
		9925	28.66340	62.72700	85.00000	0.00000	0.00000	-0.00758	1
		9926	29.41770	62.72700	85.00000	0.00000	0.00000	-0.00723	1
		9927	30.17200	62.72700	85.00000	0.00000	0.00000	-0.00688	1
		9928	30.92630	62.72700	85.00000	0.00000	0.00000	-0.00655	1
		9929	31.68060	62.72700	85.00000	0.00000	0.00000	-0.00623	1
		9930	32.43490	62.72700	85.00000	0.00000	0.00000	-0.00593	1
		9931	33.18920	62.72700	85.00000	0.00000	0.00000	-0.00565	1
		9932	33.94350	62.72700	85.00000	0.00000	0.00000	-0.00541	1
		9933	34.69780	62.72700	85.00000	0.00000	0.00000	-0.00521	1
		9934	35.45210	62.72700	85.00000	0.00000	0.00000	-0.00505	1
		9935	36.20640	62.72700	85.00000	0.00000	0.00000	-0.00494	1
		9936	36.96070	62.72700	85.00000	0.00000	0.00000	-0.00487	1
		9937	37.71500	62.72700	85.00000	0.00000	0.00000	-0.00486	1
		9938	38.46930	62.72700	85.00000	0.00000	0.00000	-0.00489	1
		9939	39.22360	62.72700	85.00000	0.00000	0.00000	-0.00497	1
		9940	39.97790	62.72700	85.00000	0.00000	0.00000	-0.00511	1
		9941	40.73220	62.72700	85.00000	0.00000	0.00000	-0.00528	1
		9942	41.48650	62.72700	85.00000	0.00000	0.00000	-0.00550	1
		9943	42.24080	62.72700	85.00000	0.00000	0.00000	-0.00575	1
		9944	42.99510	62.72700	85.00000	0.00000	0.00000	-0.00603	1
		9945	43.74940	62.72700	85.00000	0.00000	0.00000	-0.00634	1
		9946	44.50370	62.72700	85.00000	0.00000	0.00000	-0.00667	1
		9947	45.25800	62.72700	85.00000	0.00000	0.00000	-0.00701	1
		9948	46.01230	62.72700	85.00000	0.00000	0.00000	-0.00736	1
		9949	46.76660	62.72700	85.00000	0.00000	0.00000	-0.00771	1
		9950	47.52090	62.72700	85.00000	0.00000	0.00000	-0.00806	1
		9951	48.27520	62.72700	85.00000	0.00000	0.00000	-0.00840	1
		9952	49.02950	62.72700	85.00000	0.00000	0.00000	-0.00872	1
		9953	49.78380	62.72700	85.00000	0.00000	0.00000	-0.00903	1
		9954	50.53810	62.72700	85.00000	0.00000	0.00000	-0.00932	1
		9955	51.29240	62.72700	85.00000	0.00000	0.00000	-0.00958	1
		9956	52.04670	62.72700	85.00000	0.00000	0.00000	-0.00982	1
		9957	52.80100	62.72700	85.00000	0.00000	0.00000	-0.01002	1
		9958	53.55530	62.72700	85.00000	0.00000	0.00000	-0.01020	1
		9959	54.30960	62.72700	85.00000	0.00000	0.00000	-0.01035	1
		9960	55.06390	62.72700	85.00000	0.00000	0.00000	-0.01047	1
		9961	55.81820	62.72700	85.00000	0.00000	0.00000	-0.01057	1
		9962	56.57250	62.72700	85.00000	0.00000	0.00000	-0.01063	1
		9963	57.32680	62.72700	85.00000	0.00000	0.00000	-0.01066	1
		9964	58.08110	62.72700	85.00000	0.00000	0.00000	-0.01067	1
		9965	58.83540	62.72700	85.00000	0.00000	0.00000	-0.01065	1
		9966	59.58970	62.72700	85.00000	0.00000	0.00000	-0.01061	1
		9967	60.34400	62.72700	85.00000	0.00000	0.00000	-0.01055	1
		9968	61.09830	62.72700	85.00000	0.00000	0.00000	-0.01047	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		10003	11.31450	63.44800	85.00000	0.00000	0.00000	-0.00961	1
		10004	12.06880	63.44800	85.00000	0.00000	0.00000	-0.00977	1
		10005	12.82310	63.44800	85.00000	0.00000	0.00000	-0.00991	1
		10006	13.57740	63.44800	85.00000	0.00000	0.00000	-0.01004	1
		10007	14.33170	63.44800	85.00000	0.00000	0.00000	-0.01016	1
		10008	15.08600	63.44800	85.00000	0.00000	0.00000	-0.01026	1
		10009	15.84030	63.44800	85.00000	0.00000	0.00000	-0.01035	1
		10010	16.59460	63.44800	85.00000	0.00000	0.00000	-0.01041	1
		10011	17.34890	63.44800	85.00000	0.00000	0.00000	-0.01046	1
		10012	18.10320	63.44800	85.00000	0.00000	0.00000	-0.01049	1
		10013	18.85750	63.44800	85.00000	0.00000	0.00000	-0.01050	1
		10014	19.61180	63.44800	85.00000	0.00000	0.00000	-0.01048	1
		10015	20.36610	63.44800	85.00000	0.00000	0.00000	-0.01044	1
		10016	21.12040	63.44800	85.00000	0.00000	0.00000	-0.01037	1
		10017	21.87470	63.44800	85.00000	0.00000	0.00000	-0.01028	1
		10018	22.62900	63.44800	85.00000	0.00000	0.00000	-0.01017	1
		10019	23.38330	63.44800	85.00000	0.00000	0.00000	-0.01003	1
		10020	24.13760	63.44800	85.00000	0.00000	0.00000	-0.00986	1
		10021	24.89190	63.44800	85.00000	0.00000	0.00000	-0.00967	1
		10022	25.64620	63.44800	85.00000	0.00000	0.00000	-0.00947	1
		10023	26.40050	63.44800	85.00000	0.00000	0.00000	-0.00924	1
		10024	27.15480	63.44800	85.00000	0.00000	0.00000	-0.00900	1
		10025	27.90910	63.44800	85.00000	0.00000	0.00000	-0.00875	1
		10026	28.66340	63.44800	85.00000	0.00000	0.00000	-0.00849	1
		10027	29.41770	63.44800	85.00000	0.00000	0.00000	-0.00823	1
		10028	30.17200	63.44800	85.00000	0.00000	0.00000	-0.00797	1
		10029	30.92630	63.44800	85.00000	0.00000	0.00000	-0.00772	1
		10030	31.68060	63.44800	85.00000	0.00000	0.00000	-0.00747	1
		10031	32.43490	63.44800	85.00000	0.00000	0.00000	-0.00725	1
		10032	33.18920	63.44800	85.00000	0.00000	0.00000	-0.00704	1
		10033	33.94350	63.44800	85.00000	0.00000	0.00000	-0.00686	1
		10034	34.69780	63.44800	85.00000	0.00000	0.00000	-0.00671	1
		10035	35.45210	63.44800	85.00000	0.00000	0.00000	-0.00659	1
		10036	36.20640	63.44800	85.00000	0.00000	0.00000	-0.00650	1
		10037	36.96070	63.44800	85.00000	0.00000	0.00000	-0.00645	1
		10038	37.71500	63.44800	85.00000	0.00000	0.00000	-0.00644	1
		10039	38.46930	63.44800	85.00000	0.00000	0.00000	-0.00647	1
		10040	39.22360	63.44800	85.00000	0.00000	0.00000	-0.00653	1
		10041	39.97790	63.44800	85.00000	0.00000	0.00000	-0.00663	1
		10042	40.73220	63.44800	85.00000	0.00000	0.00000	-0.00677	1
		10043	41.48650	63.44800	85.00000	0.00000	0.00000	-0.00693	1
		10044	42.24080	63.44800	85.00000	0.00000	0.00000	-0.00713	1
		10045	42.99510	63.44800	85.00000	0.00000	0.00000	-0.00734	1
		10046	43.74940	63.44800	85.00000	0.00000	0.00000	-0.00758	1
		10047	44.50370	63.44800	85.00000	0.00000	0.00000	-0.00783	1
		10048	45.25800	63.44800	85.00000	0.00000	0.00000	-0.00809	1
		10049	46.01230	63.44800	85.00000	0.00000	0.00000	-0.00836	1
		10050	46.76660	63.44800	85.00000	0.00000	0.00000	-0.00862	1
		10051	47.52090	63.44800	85.00000	0.00000	0.00000	-0.00888	1
		10052	48.27520	63.44800	85.00000	0.00000	0.00000	-0.00914	1
		10053	49.02950	63.44800	85.00000	0.00000	0.00000	-0.00938	1
		10054	49.78380	63.44800	85.00000	0.00000	0.00000	-0.00961	1
		10055	50.53810	63.44800	85.00000	0.00000	0.00000	-0.00982	1
		10056	51.29240	63.44800	85.00000	0.00000	0.00000	-0.01001	1
		10057	52.04670	63.44800	85.00000	0.00000	0.00000	-0.01017	1
		10058	52.80100	63.44800	85.00000	0.00000	0.00000	-0.01032	1
		10059	53.55530	63.44800	85.00000	0.00000	0.00000	-0.01044	1
		10060	54.30960	63.44800	85.00000	0.00000	0.00000	-0.01053	1
		10061	55.06390	63.44800	85.00000	0.00000	0.00000	-0.01060	1
		10062	55.81820	63.44800	85.00000	0.00000	0.00000	-0.01065	1
		10063	56.57250	63.44800	85.00000	0.00000	0.00000	-0.01067	1
		10064	57.32680	63.44800	85.00000	0.00000	0.00000	-0.01067	1
		10065	58.08110	63.44800	85.00000	0.00000	0.00000	-0.01065	1
		10066	58.83540	63.44800	85.00000	0.00000	0.00000	-0.01061	1
		10067	59.58970	63.44800	85.00000	0.00000	0.00000	-0.01054	1
		10068	60.34400	63.44800	85.00000	0.00000	0.00000	-0.01046	1
		10069	61.09830	63.44800	85.00000	0.00000	0.00000	-0.01036	1
		10070	61.85260	63.44800	85.00000	0.00000	0.00000	-0.01025	1
		10071	62.60690	63.44800	85.00000	0.00000	0.00000	-0.01012	1
		10072	63.36120	63.44800	85.00000	0.00000	0.00000	-0.00998	1
		10073	64.11550	63.44800	85.00000	0.00000	0.00000	-0.00983	1
		10074	64.86980	63.44800	85.00000	0.00000	0.00000	-0.00968	1
		10075	65.62410	63.44800	85.00000	0.00000	0.00000	-0.00951	1
		10076	66.37840	63.44800	85.00000	0.00000	0.00000	-0.00934	1
		10077	67.13270	63.44800	85.00000	0.00000	0.00000	-0.00916	1
		10078	67.88700	63.44800	85.00000	0.00000	0.00000	-0.00897	1
		10079	68.64130	63.44800	85.00000	0.00000	0.00000	-0.00878	1
		10080	69.39560	63.44800	85.00000	0.00000	0.00000	-0.00859	1
		10081	70.14990	63.44800	85.00000	0.00000	0.00000	-0.00840	1
		10082	70.90420	63.44800	85.00000	0.00000	0.00000	-0.00821	1
		10083	71.65850	63.44800	85.00000	0.00000	0.00000	-0.00802	1
		10084	72.41280	63.44800	85.00000	0.00000	0.00000	-0.00783	1
		10085	73.16710	63.44800	85.00000	0.00000	0.00000	-0.00763	1
		10086	73.92140	63.44800	85.00000	0.00000	0.00000	-0.00744	1
		10087	74.67570	63.44800	85.00000	0.00000	0.00000	-0.00726	1
		10088	75.43000	63.44800	85.00000	0.00000	0.00000	-0.00707	1
		10089	0.00000	64.16900	85.00000	0.00000	0.00000	-0.00674	1
		10090	0.75430	64.16900	85.00000	0.00000	0.00000	-0.00691	1
		10091	1.50860	64.16900	85.00000	0.00000	0.00000	-0.00710	1
		10092	2.26290	64.16900	85.00000	0.00000	0.00000	-0.00728	1
		10093	3.01720	64.16900	85.00000	0.00000	0.00000	-0.00746	1
		10094	3.77150	64.16900	85.00000	0.00000	0.00000	-0.00765	1
		10095	4.52580	64.16900	85.00000	0.00000	0.00000	-0.00784	1
		10096	5.28010	64.16900	85.00000	0.00000	0.00000	-0.00802	1
		10097	6.03440	64.16900	85.00000	0.00000	0.00000	-0.00821	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		10133	33.18920	64.16900	85.00000	0.00000	0.00000	-0.00812	1
		10134	33.94350	64.16900	85.00000	0.00000	0.00000	-0.00798	1
		10135	34.69780	64.16900	85.00000	0.00000	0.00000	-0.00787	1
		10136	35.45210	64.16900	85.00000	0.00000	0.00000	-0.00778	1
		10137	36.20640	64.16900	85.00000	0.00000	0.00000	-0.00772	1
		10138	36.96070	64.16900	85.00000	0.00000	0.00000	-0.00768	1
		10139	37.71500	64.16900	85.00000	0.00000	0.00000	-0.00768	1
		10140	38.46930	64.16900	85.00000	0.00000	0.00000	-0.00770	1
		10141	39.22360	64.16900	85.00000	0.00000	0.00000	-0.00775	1
		10142	39.97790	64.16900	85.00000	0.00000	0.00000	-0.00783	1
		10143	40.73220	64.16900	85.00000	0.00000	0.00000	-0.00793	1
		10144	41.48650	64.16900	85.00000	0.00000	0.00000	-0.00805	1
		10145	42.24080	64.16900	85.00000	0.00000	0.00000	-0.00820	1
		10146	42.99510	64.16900	85.00000	0.00000	0.00000	-0.00836	1
		10147	43.74940	64.16900	85.00000	0.00000	0.00000	-0.00854	1
		10148	44.50370	64.16900	85.00000	0.00000	0.00000	-0.00873	1
		10149	45.25800	64.16900	85.00000	0.00000	0.00000	-0.00892	1
		10150	46.01230	64.16900	85.00000	0.00000	0.00000	-0.00912	1
		10151	46.76660	64.16900	85.00000	0.00000	0.00000	-0.00932	1
		10152	47.52090	64.16900	85.00000	0.00000	0.00000	-0.00951	1
		10153	48.27520	64.16900	85.00000	0.00000	0.00000	-0.00970	1
		10154	49.02950	64.16900	85.00000	0.00000	0.00000	-0.00987	1
		10155	49.78380	64.16900	85.00000	0.00000	0.00000	-0.01004	1
		10156	50.53810	64.16900	85.00000	0.00000	0.00000	-0.01018	1
		10157	51.29240	64.16900	85.00000	0.00000	0.00000	-0.01031	1
		10158	52.04670	64.16900	85.00000	0.00000	0.00000	-0.01042	1
		10159	52.80100	64.16900	85.00000	0.00000	0.00000	-0.01052	1
		10160	53.55530	64.16900	85.00000	0.00000	0.00000	-0.01059	1
		10161	54.30960	64.16900	85.00000	0.00000	0.00000	-0.01064	1
		10162	55.06390	64.16900	85.00000	0.00000	0.00000	-0.01067	1
		10163	55.81820	64.16900	85.00000	0.00000	0.00000	-0.01068	1
		10164	56.57250	64.16900	85.00000	0.00000	0.00000	-0.01067	1
		10165	57.32680	64.16900	85.00000	0.00000	0.00000	-0.01064	1
		10166	58.08110	64.16900	85.00000	0.00000	0.00000	-0.01059	1
		10167	58.83540	64.16900	85.00000	0.00000	0.00000	-0.01053	1
		10168	59.58970	64.16900	85.00000	0.00000	0.00000	-0.01044	1
		10169	60.34400	64.16900	85.00000	0.00000	0.00000	-0.01035	1
		10170	61.09830	64.16900	85.00000	0.00000	0.00000	-0.01024	1
		10171	61.85260	64.16900	85.00000	0.00000	0.00000	-0.01011	1
		10172	62.60690	64.16900	85.00000	0.00000	0.00000	-0.00998	1
		10173	63.36120	64.16900	85.00000	0.00000	0.00000	-0.00983	1
		10174	64.11550	64.16900	85.00000	0.00000	0.00000	-0.00968	1
		10175	64.86980	64.16900	85.00000	0.00000	0.00000	-0.00951	1
		10176	65.62410	64.16900	85.00000	0.00000	0.00000	-0.00934	1
		10177	66.37840	64.16900	85.00000	0.00000	0.00000	-0.00917	1
		10178	67.13270	64.16900	85.00000	0.00000	0.00000	-0.00899	1
		10179	67.88700	64.16900	85.00000	0.00000	0.00000	-0.00881	1
		10180	68.64130	64.16900	85.00000	0.00000	0.00000	-0.00862	1
		10181	69.39560	64.16900	85.00000	0.00000	0.00000	-0.00843	1
		10182	70.14990	64.16900	85.00000	0.00000	0.00000	-0.00825	1
		10183	70.90420	64.16900	85.00000	0.00000	0.00000	-0.00806	1
		10184	71.65850	64.16900	85.00000	0.00000	0.00000	-0.00787	1
		10185	72.41280	64.16900	85.00000	0.00000	0.00000	-0.00768	1
		10186	73.16710	64.16900	85.00000	0.00000	0.00000	-0.00749	1
		10187	73.92140	64.16900	85.00000	0.00000	0.00000	-0.00731	1
		10188	74.67570	64.16900	85.00000	0.00000	0.00000	-0.00712	1
		10189	75.43000	64.16900	85.00000	0.00000	0.00000	-0.00694	1
		10190	0.00000	64.89000	85.00000	0.00000	0.00000	-0.00661	1
		10191	0.75430	64.89000	85.00000	0.00000	0.00000	-0.00679	1
		10192	1.50860	64.89000	85.00000	0.00000	0.00000	-0.00696	1
		10193	2.26290	64.89000	85.00000	0.00000	0.00000	-0.00714	1
		10194	3.01720	64.89000	85.00000	0.00000	0.00000	-0.00732	1
		10195	3.77150	64.89000	85.00000	0.00000	0.00000	-0.00750	1
		10196	4.52580	64.89000	85.00000	0.00000	0.00000	-0.00769	1
		10197	5.28010	64.89000	85.00000	0.00000	0.00000	-0.00787	1
		10198	6.03440	64.89000	85.00000	0.00000	0.00000	-0.00805	1
		10199	6.78870	64.89000	85.00000	0.00000	0.00000	-0.00824	1
		10200	7.54300	64.89000	85.00000	0.00000	0.00000	-0.00842	1
		10201	8.29730	64.89000	85.00000	0.00000	0.00000	-0.00860	1
		10202	9.05160	64.89000	85.00000	0.00000	0.00000	-0.00878	1
		10203	9.80590	64.89000	85.00000	0.00000	0.00000	-0.00896	1
		10204	10.56020	64.89000	85.00000	0.00000	0.00000	-0.00913	1
		10205	11.31450	64.89000	85.00000	0.00000	0.00000	-0.00929	1
		10206	12.06880	64.89000	85.00000	0.00000	0.00000	-0.00945	1
		10207	12.82310	64.89000	85.00000	0.00000	0.00000	-0.00961	1
		10208	13.57740	64.89000	85.00000	0.00000	0.00000	-0.00975	1
		10209	14.33170	64.89000	85.00000	0.00000	0.00000	-0.00989	1
		10210	15.08600	64.89000	85.00000	0.00000	0.00000	-0.01001	1
		10211	15.84030	64.89000	85.00000	0.00000	0.00000	-0.01012	1
		10212	16.59460	64.89000	85.00000	0.00000	0.00000	-0.01023	1
		10213	17.34890	64.89000	85.00000	0.00000	0.00000	-0.01031	1
		10214	18.10320	64.89000	85.00000	0.00000	0.00000	-0.01039	1
		10215	18.85750	64.89000	85.00000	0.00000	0.00000	-0.01044	1
		10216	19.61180	64.89000	85.00000	0.00000	0.00000	-0.01048	1
		10217	20.36610	64.89000	85.00000	0.00000	0.00000	-0.01051	1
		10218	21.12040	64.89000	85.00000	0.00000	0.00000	-0.01051	1
		10219	21.87470	64.89000	85.00000	0.00000	0.00000	-0.01050	1
		10220	22.62900	64.89000	85.00000	0.00000	0.00000	-0.01048	1
		10221	23.38330	64.89000	85.00000	0.00000	0.00000	-0.01043	1
		10222	24.13760	64.89000	85.00000	0.00000	0.00000	-0.01037	1
		10223	24.89190	64.89000	85.00000	0.00000	0.00000	-0.01029	1
		10224	25.64620	64.89000	85.00000	0.00000	0.00000	-0.01020	1
		10225	26.40050	64.89000	85.00000	0.00000	0.00000	-0.01009	1
		10226	27.15480	64.89000	85.00000	0.00000	0.00000	-0.00997	1
		10227	27.90910	64.89000	85.00000	0.00000	0.00000	-0.00985	1



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		10263	55.06390	64.89000	85.00000	0.00000	0.00000	-0.01068	1
		10264	55.81820	64.89000	85.00000	0.00000	0.00000	-0.01066	1
		10265	56.57250	64.89000	85.00000	0.00000	0.00000	-0.01062	1
		10266	57.32680	64.89000	85.00000	0.00000	0.00000	-0.01057	1
		10267	58.08110	64.89000	85.00000	0.00000	0.00000	-0.01050	1
		10268	58.83540	64.89000	85.00000	0.00000	0.00000	-0.01042	1
		10269	59.58970	64.89000	85.00000	0.00000	0.00000	-0.01032	1
		10270	60.34400	64.89000	85.00000	0.00000	0.00000	-0.01021	1
		10271	61.09830	64.89000	85.00000	0.00000	0.00000	-0.01009	1
		10272	61.85260	64.89000	85.00000	0.00000	0.00000	-0.00996	1
		10273	62.60690	64.89000	85.00000	0.00000	0.00000	-0.00982	1
		10274	63.36120	64.89000	85.00000	0.00000	0.00000	-0.00967	1
		10275	64.11550	64.89000	85.00000	0.00000	0.00000	-0.00951	1
		10276	64.86980	64.89000	85.00000	0.00000	0.00000	-0.00934	1
		10277	65.62410	64.89000	85.00000	0.00000	0.00000	-0.00917	1
		10278	66.37840	64.89000	85.00000	0.00000	0.00000	-0.00900	1
		10279	67.13270	64.89000	85.00000	0.00000	0.00000	-0.00882	1
		10280	67.88700	64.89000	85.00000	0.00000	0.00000	-0.00864	1
		10281	68.64130	64.89000	85.00000	0.00000	0.00000	-0.00846	1
		10282	69.39560	64.89000	85.00000	0.00000	0.00000	-0.00827	1
		10283	70.14990	64.89000	85.00000	0.00000	0.00000	-0.00809	1
		10284	70.90420	64.89000	85.00000	0.00000	0.00000	-0.00790	1
		10285	71.65850	64.89000	85.00000	0.00000	0.00000	-0.00771	1
		10286	72.41280	64.89000	85.00000	0.00000	0.00000	-0.00753	1
		10287	73.16710	64.89000	85.00000	0.00000	0.00000	-0.00735	1
		10288	73.92140	64.89000	85.00000	0.00000	0.00000	-0.00717	1
		10289	74.67570	64.89000	85.00000	0.00000	0.00000	-0.00699	1
		10290	75.43000	64.89000	85.00000	0.00000	0.00000	-0.00681	1
		10291	0.00000	65.61100	85.00000	0.00000	0.00000	-0.00649	1
		10292	0.75430	65.61100	85.00000	0.00000	0.00000	-0.00666	1
		10293	1.50860	65.61100	85.00000	0.00000	0.00000	-0.00683	1
		10294	2.26290	65.61100	85.00000	0.00000	0.00000	-0.00700	1
		10295	3.01720	65.61100	85.00000	0.00000	0.00000	-0.00718	1
		10296	3.77150	65.61100	85.00000	0.00000	0.00000	-0.00736	1
		10297	4.52580	65.61100	85.00000	0.00000	0.00000	-0.00754	1
		10298	5.28010	65.61100	85.00000	0.00000	0.00000	-0.00772	1
		10299	6.03440	65.61100	85.00000	0.00000	0.00000	-0.00790	1
		10300	6.78870	65.61100	85.00000	0.00000	0.00000	-0.00808	1
		10301	7.54300	65.61100	85.00000	0.00000	0.00000	-0.00826	1
		10302	8.29730	65.61100	85.00000	0.00000	0.00000	-0.00844	1
		10303	9.05160	65.61100	85.00000	0.00000	0.00000	-0.00861	1
		10304	9.80590	65.61100	85.00000	0.00000	0.00000	-0.00879	1
		10305	10.56020	65.61100	85.00000	0.00000	0.00000	-0.00896	1
		10306	11.31450	65.61100	85.00000	0.00000	0.00000	-0.00912	1
		10307	12.06880	65.61100	85.00000	0.00000	0.00000	-0.00928	1
		10308	12.82310	65.61100	85.00000	0.00000	0.00000	-0.00944	1
		10309	13.57740	65.61100	85.00000	0.00000	0.00000	-0.00959	1
		10310	14.33170	65.61100	85.00000	0.00000	0.00000	-0.00973	1
		10311	15.08600	65.61100	85.00000	0.00000	0.00000	-0.00986	1
		10312	15.84030	65.61100	85.00000	0.00000	0.00000	-0.00999	1
		10313	16.59460	65.61100	85.00000	0.00000	0.00000	-0.01010	1
		10314	17.34890	65.61100	85.00000	0.00000	0.00000	-0.01020	1
		10315	18.10320	65.61100	85.00000	0.00000	0.00000	-0.01029	1
		10316	18.85750	65.61100	85.00000	0.00000	0.00000	-0.01036	1
		10317	19.61180	65.61100	85.00000	0.00000	0.00000	-0.01042	1
		10318	20.36610	65.61100	85.00000	0.00000	0.00000	-0.01047	1
		10319	21.12040	65.61100	85.00000	0.00000	0.00000	-0.01050	1
		10320	21.87470	65.61100	85.00000	0.00000	0.00000	-0.01052	1
		10321	22.62900	65.61100	85.00000	0.00000	0.00000	-0.01053	1
		10322	23.38330	65.61100	85.00000	0.00000	0.00000	-0.01051	1
		10323	24.13760	65.61100	85.00000	0.00000	0.00000	-0.01049	1
		10324	24.89190	65.61100	85.00000	0.00000	0.00000	-0.01045	1
		10325	25.64620	65.61100	85.00000	0.00000	0.00000	-0.01040	1
		10326	26.40050	65.61100	85.00000	0.00000	0.00000	-0.01033	1
		10327	27.15480	65.61100	85.00000	0.00000	0.00000	-0.01026	1
		10328	27.90910	65.61100	85.00000	0.00000	0.00000	-0.01018	1
		10329	28.66340	65.61100	85.00000	0.00000	0.00000	-0.01009	1
		10330	29.41770	65.61100	85.00000	0.00000	0.00000	-0.01000	1
		10331	30.17200	65.61100	85.00000	0.00000	0.00000	-0.00991	1
		10332	30.92630	65.61100	85.00000	0.00000	0.00000	-0.00982	1
		10333	31.68060	65.61100	85.00000	0.00000	0.00000	-0.00973	1
		10334	32.43490	65.61100	85.00000	0.00000	0.00000	-0.00964	1
		10335	33.18920	65.61100	85.00000	0.00000	0.00000	-0.00956	1
		10336	33.94350	65.61100	85.00000	0.00000	0.00000	-0.00949	1
		10337	34.69780	65.61100	85.00000	0.00000	0.00000	-0.00944	1
		10338	35.45210	65.61100	85.00000	0.00000	0.00000	-0.00939	1
		10339	36.20640	65.61100	85.00000	0.00000	0.00000	-0.00936	1
		10340	36.96070	65.61100	85.00000	0.00000	0.00000	-0.00934	1
		10341	37.71500	65.61100	85.00000	0.00000	0.00000	-0.00934	1
		10342	38.46930	65.61100	85.00000	0.00000	0.00000	-0.00936	1
		10343	39.22360	65.61100	85.00000	0.00000	0.00000	-0.00938	1
		10344	39.97790	65.61100	85.00000	0.00000	0.00000	-0.00943	1
		10345	40.73220	65.61100	85.00000	0.00000	0.00000	-0.00948	1
		10346	41.48650	65.61100	85.00000	0.00000	0.00000	-0.00955	1
		10347	42.24080	65.61100	85.00000	0.00000	0.00000	-0.00963	1
		10348	42.99510	65.61100	85.00000	0.00000	0.00000	-0.00972	1
		10349	43.74940	65.61100	85.00000	0.00000	0.00000	-0.00982	1
		10350	44.50370	65.61100	85.00000	0.00000	0.00000	-0.00991	1
		10351	45.25800	65.61100	85.00000	0.00000	0.00000	-0.01001	1
		10352	46.01230	65.61100	85.00000	0.00000	0.00000	-0.01011	1
		10353	46.76660	65.61100	85.00000	0.00000	0.00000	-0.01021	1
		10354	47.52090	65.61100	85.00000	0.00000	0.00000	-0.01031	1
		10355	48.27520	65.61100	85.00000	0.00000	0.00000	-0.01039	1
		10356	49.02950	65.61100	85.00000	0.00000	0.00000	-0.01047	1
		10357	49.78380	65.61100	85.00000	0.00000	0.00000	-0.01054	1



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		10393	0.75430	66.33200	85.00000	0.00000	0.00000	-0.00653	1
		10394	1.50860	66.33200	85.00000	0.00000	0.00000	-0.00670	1
		10395	2.26290	66.33200	85.00000	0.00000	0.00000	-0.00687	1
		10396	3.01720	66.33200	85.00000	0.00000	0.00000	-0.00704	1
		10397	3.77150	66.33200	85.00000	0.00000	0.00000	-0.00721	1
		10398	4.52580	66.33200	85.00000	0.00000	0.00000	-0.00739	1
		10399	5.28010	66.33200	85.00000	0.00000	0.00000	-0.00756	1
		10400	6.03440	66.33200	85.00000	0.00000	0.00000	-0.00774	1
		10401	6.78870	66.33200	85.00000	0.00000	0.00000	-0.00791	1
		10402	7.54300	66.33200	85.00000	0.00000	0.00000	-0.00809	1
		10403	8.29730	66.33200	85.00000	0.00000	0.00000	-0.00827	1
		10404	9.05160	66.33200	85.00000	0.00000	0.00000	-0.00844	1
		10405	9.80590	66.33200	85.00000	0.00000	0.00000	-0.00861	1
		10406	10.56020	66.33200	85.00000	0.00000	0.00000	-0.00878	1
		10407	11.31450	66.33200	85.00000	0.00000	0.00000	-0.00895	1
		10408	12.06880	66.33200	85.00000	0.00000	0.00000	-0.00911	1
		10409	12.82310	66.33200	85.00000	0.00000	0.00000	-0.00927	1
		10410	13.57740	66.33200	85.00000	0.00000	0.00000	-0.00942	1
		10411	14.33170	66.33200	85.00000	0.00000	0.00000	-0.00956	1
		10412	15.08600	66.33200	85.00000	0.00000	0.00000	-0.00970	1
		10413	15.84030	66.33200	85.00000	0.00000	0.00000	-0.00983	1
		10414	16.59460	66.33200	85.00000	0.00000	0.00000	-0.00995	1
		10415	17.34890	66.33200	85.00000	0.00000	0.00000	-0.01006	1
		10416	18.10320	66.33200	85.00000	0.00000	0.00000	-0.01016	1
		10417	18.85750	66.33200	85.00000	0.00000	0.00000	-0.01025	1
		10418	19.61180	66.33200	85.00000	0.00000	0.00000	-0.01033	1
		10419	20.36610	66.33200	85.00000	0.00000	0.00000	-0.01040	1
		10420	21.12040	66.33200	85.00000	0.00000	0.00000	-0.01045	1
		10421	21.87470	66.33200	85.00000	0.00000	0.00000	-0.01049	1
		10422	22.62900	66.33200	85.00000	0.00000	0.00000	-0.01052	1
		10423	23.38330	66.33200	85.00000	0.00000	0.00000	-0.01054	1
		10424	24.13760	66.33200	85.00000	0.00000	0.00000	-0.01054	1
		10425	24.89190	66.33200	85.00000	0.00000	0.00000	-0.01053	1
		10426	25.64620	66.33200	85.00000	0.00000	0.00000	-0.01051	1
		10427	26.40050	66.33200	85.00000	0.00000	0.00000	-0.01048	1
		10428	27.15480	66.33200	85.00000	0.00000	0.00000	-0.01044	1
		10429	27.90910	66.33200	85.00000	0.00000	0.00000	-0.01040	1
		10430	28.66340	66.33200	85.00000	0.00000	0.00000	-0.01035	1
		10431	29.41770	66.33200	85.00000	0.00000	0.00000	-0.01029	1
		10432	30.17200	66.33200	85.00000	0.00000	0.00000	-0.01023	1
		10433	30.92630	66.33200	85.00000	0.00000	0.00000	-0.01017	1
		10434	31.68060	66.33200	85.00000	0.00000	0.00000	-0.01011	1
		10435	32.43490	66.33200	85.00000	0.00000	0.00000	-0.01006	1
		10436	33.18920	66.33200	85.00000	0.00000	0.00000	-0.01001	1
		10437	33.94350	66.33200	85.00000	0.00000	0.00000	-0.00996	1
		10438	34.69780	66.33200	85.00000	0.00000	0.00000	-0.00992	1
		10439	35.45210	66.33200	85.00000	0.00000	0.00000	-0.00989	1
		10440	36.20640	66.33200	85.00000	0.00000	0.00000	-0.00987	1
		10441	36.96070	66.33200	85.00000	0.00000	0.00000	-0.00986	1
		10442	37.71500	66.33200	85.00000	0.00000	0.00000	-0.00986	1
		10443	38.46930	66.33200	85.00000	0.00000	0.00000	-0.00988	1
		10444	39.22360	66.33200	85.00000	0.00000	0.00000	-0.00990	1
		10445	39.97790	66.33200	85.00000	0.00000	0.00000	-0.00993	1
		10446	40.73220	66.33200	85.00000	0.00000	0.00000	-0.00997	1
		10447	41.48650	66.33200	85.00000	0.00000	0.00000	-0.01002	1
		10448	42.24080	66.33200	85.00000	0.00000	0.00000	-0.01007	1
		10449	42.99510	66.33200	85.00000	0.00000	0.00000	-0.01014	1
		10450	43.74940	66.33200	85.00000	0.00000	0.00000	-0.01020	1
		10451	44.50370	66.33200	85.00000	0.00000	0.00000	-0.01027	1
		10452	45.25800	66.33200	85.00000	0.00000	0.00000	-0.01034	1
		10453	46.01230	66.33200	85.00000	0.00000	0.00000	-0.01040	1
		10454	46.76660	66.33200	85.00000	0.00000	0.00000	-0.01046	1
		10455	47.52090	66.33200	85.00000	0.00000	0.00000	-0.01052	1
		10456	48.27520	66.33200	85.00000	0.00000	0.00000	-0.01057	1
		10457	49.02950	66.33200	85.00000	0.00000	0.00000	-0.01062	1
		10458	49.78380	66.33200	85.00000	0.00000	0.00000	-0.01065	1
		10459	50.53810	66.33200	85.00000	0.00000	0.00000	-0.01067	1
		10460	51.29240	66.33200	85.00000	0.00000	0.00000	-0.01069	1
		10461	52.04670	66.33200	85.00000	0.00000	0.00000	-0.01069	1
		10462	52.80100	66.33200	85.00000	0.00000	0.00000	-0.01068	1
		10463	53.55530	66.33200	85.00000	0.00000	0.00000	-0.01065	1
		10464	54.30960	66.33200	85.00000	0.00000	0.00000	-0.01062	1
		10465	55.06390	66.33200	85.00000	0.00000	0.00000	-0.01057	1
		10466	55.81820	66.33200	85.00000	0.00000	0.00000	-0.01051	1
		10467	56.57250	66.33200	85.00000	0.00000	0.00000	-0.01043	1
		10468	57.32680	66.33200	85.00000	0.00000	0.00000	-0.01035	1
		10469	58.08110	66.33200	85.00000	0.00000	0.00000	-0.01025	1
		10470	58.83540	66.33200	85.00000	0.00000	0.00000	-0.01014	1
		10471	59.58970	66.33200	85.00000	0.00000	0.00000	-0.01003	1
		10472	60.34400	66.33200	85.00000	0.00000	0.00000	-0.00990	1
		10473	61.09830	66.33200	85.00000	0.00000	0.00000	-0.00976	1
		10474	61.85260	66.33200	85.00000	0.00000	0.00000	-0.00962	1
		10475	62.60690	66.33200	85.00000	0.00000	0.00000	-0.00947	1
		10476	63.36120	66.33200	85.00000	0.00000	0.00000	-0.00932	1
		10477	64.11550	66.33200	85.00000	0.00000	0.00000	-0.00915	1
		10478	64.86980	66.33200	85.00000	0.00000	0.00000	-0.00899	1
		10479	65.62410	66.33200	85.00000	0.00000	0.00000	-0.00882	1
		10480	66.37840	66.33200	85.00000	0.00000	0.00000	-0.00865	1
		10481	67.13270	66.33200	85.00000	0.00000	0.00000	-0.00847	1
		10482	67.88700	66.33200	85.00000	0.00000	0.00000	-0.00830	1
		10483	68.64130	66.33200	85.00000	0.00000	0.00000	-0.00812	1
		10484	69.39560	66.33200	85.00000	0.00000	0.00000	-0.00794	1
		10485	70.14990	66.33200	85.00000	0.00000	0.00000	-0.00776	1
		10486	70.90420	66.33200	85.00000	0.00000	0.00000	-0.00759	1
		10487	71.65850	66.33200	85.00000	0.00000	0.00000	-0.00741	1</



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		10523	22.62900	67.05300	85.00000	0.00000	0.00000	-0.01047	1
		10524	23.38330	67.05300	85.00000	0.00000	0.00000	-0.01050	1
		10525	24.13760	67.05300	85.00000	0.00000	0.00000	-0.01053	1
		10526	24.89190	67.05300	85.00000	0.00000	0.00000	-0.01055	1
		10527	25.64620	67.05300	85.00000	0.00000	0.00000	-0.01055	1
		10528	26.40050	67.05300	85.00000	0.00000	0.00000	-0.01055	1
		10529	27.15480	67.05300	85.00000	0.00000	0.00000	-0.01054	1
		10530	27.90910	67.05300	85.00000	0.00000	0.00000	-0.01052	1
		10531	28.66340	67.05300	85.00000	0.00000	0.00000	-0.01050	1
		10532	29.41770	67.05300	85.00000	0.00000	0.00000	-0.01047	1
		10533	30.17200	67.05300	85.00000	0.00000	0.00000	-0.01044	1
		10534	30.92630	67.05300	85.00000	0.00000	0.00000	-0.01041	1
		10535	31.68060	67.05300	85.00000	0.00000	0.00000	-0.01038	1
		10536	32.43490	67.05300	85.00000	0.00000	0.00000	-0.01034	1
		10537	33.18920	67.05300	85.00000	0.00000	0.00000	-0.01031	1
		10538	33.94350	67.05300	85.00000	0.00000	0.00000	-0.01029	1
		10539	34.69780	67.05300	85.00000	0.00000	0.00000	-0.01026	1
		10540	35.45210	67.05300	85.00000	0.00000	0.00000	-0.01024	1
		10541	36.20640	67.05300	85.00000	0.00000	0.00000	-0.01023	1
		10542	36.96070	67.05300	85.00000	0.00000	0.00000	-0.01023	1
		10543	37.71500	67.05300	85.00000	0.00000	0.00000	-0.01023	1
		10544	38.46930	67.05300	85.00000	0.00000	0.00000	-0.01024	1
		10545	39.22360	67.05300	85.00000	0.00000	0.00000	-0.01026	1
		10546	39.97790	67.05300	85.00000	0.00000	0.00000	-0.01028	1
		10547	40.73220	67.05300	85.00000	0.00000	0.00000	-0.01031	1
		10548	41.48650	67.05300	85.00000	0.00000	0.00000	-0.01034	1
		10549	42.24080	67.05300	85.00000	0.00000	0.00000	-0.01038	1
		10550	42.99510	67.05300	85.00000	0.00000	0.00000	-0.01042	1
		10551	43.74940	67.05300	85.00000	0.00000	0.00000	-0.01046	1
		10552	44.50370	67.05300	85.00000	0.00000	0.00000	-0.01050	1
		10553	45.25800	67.05300	85.00000	0.00000	0.00000	-0.01054	1
		10554	46.01230	67.05300	85.00000	0.00000	0.00000	-0.01058	1
		10555	46.76660	67.05300	85.00000	0.00000	0.00000	-0.01061	1
		10556	47.52090	67.05300	85.00000	0.00000	0.00000	-0.01064	1
		10557	48.27520	67.05300	85.00000	0.00000	0.00000	-0.01067	1
		10558	49.02950	67.05300	85.00000	0.00000	0.00000	-0.01068	1
		10559	49.78380	67.05300	85.00000	0.00000	0.00000	-0.01069	1
		10560	50.53810	67.05300	85.00000	0.00000	0.00000	-0.01069	1
		10561	51.29240	67.05300	85.00000	0.00000	0.00000	-0.01068	1
		10562	52.04670	67.05300	85.00000	0.00000	0.00000	-0.01066	1
		10563	52.80100	67.05300	85.00000	0.00000	0.00000	-0.01062	1
		10564	53.55530	67.05300	85.00000	0.00000	0.00000	-0.01058	1
		10565	54.30960	67.05300	85.00000	0.00000	0.00000	-0.01053	1
		10566	55.06390	67.05300	85.00000	0.00000	0.00000	-0.01046	1
		10567	55.81820	67.05300	85.00000	0.00000	0.00000	-0.01038	1
		10568	56.57250	67.05300	85.00000	0.00000	0.00000	-0.01030	1
		10569	57.32680	67.05300	85.00000	0.00000	0.00000	-0.01020	1
		10570	58.08110	67.05300	85.00000	0.00000	0.00000	-0.01010	1
		10571	58.83540	67.05300	85.00000	0.00000	0.00000	-0.00998	1
		10572	59.58970	67.05300	85.00000	0.00000	0.00000	-0.00986	1
		10573	60.34400	67.05300	85.00000	0.00000	0.00000	-0.00972	1
		10574	61.09830	67.05300	85.00000	0.00000	0.00000	-0.00958	1
		10575	61.85260	67.05300	85.00000	0.00000	0.00000	-0.00944	1
		10576	62.60690	67.05300	85.00000	0.00000	0.00000	-0.00929	1
		10577	63.36120	67.05300	85.00000	0.00000	0.00000	-0.00913	1
		10578	64.11550	67.05300	85.00000	0.00000	0.00000	-0.00897	1
		10579	64.86980	67.05300	85.00000	0.00000	0.00000	-0.00881	1
		10580	65.62410	67.05300	85.00000	0.00000	0.00000	-0.00864	1
		10581	66.37840	67.05300	85.00000	0.00000	0.00000	-0.00847	1
		10582	67.13270	67.05300	85.00000	0.00000	0.00000	-0.00830	1
		10583	67.88700	67.05300	85.00000	0.00000	0.00000	-0.00812	1
		10584	68.64130	67.05300	85.00000	0.00000	0.00000	-0.00795	1
		10585	69.39560	67.05300	85.00000	0.00000	0.00000	-0.00778	1
		10586	70.14990	67.05300	85.00000	0.00000	0.00000	-0.00760	1
		10587	70.90420	67.05300	85.00000	0.00000	0.00000	-0.00743	1
		10588	71.65850	67.05300	85.00000	0.00000	0.00000	-0.00726	1
		10589	72.41280	67.05300	85.00000	0.00000	0.00000	-0.00709	1
		10590	73.16710	67.05300	85.00000	0.00000	0.00000	-0.00692	1
		10591	73.92140	67.05300	85.00000	0.00000	0.00000	-0.00675	1
		10592	74.67570	67.05300	85.00000	0.00000	0.00000	-0.00658	1
		10593	75.43000	67.05300	85.00000	0.00000	0.00000	-0.00642	1
		10594	0.00000	67.77400	85.00000	0.00000	0.00000	-0.00612	1
		10595	0.75430	67.77400	85.00000	0.00000	0.00000	-0.00627	1
		10596	1.50860	67.77400	85.00000	0.00000	0.00000	-0.00643	1
		10597	2.26290	67.77400	85.00000	0.00000	0.00000	-0.00659	1
		10598	3.01720	67.77400	85.00000	0.00000	0.00000	-0.00675	1
		10599	3.77150	67.77400	85.00000	0.00000	0.00000	-0.00692	1
		10600	4.52580	67.77400	85.00000	0.00000	0.00000	-0.00708	1
		10601	5.28010	67.77400	85.00000	0.00000	0.00000	-0.00725	1
		10602	6.03440	67.77400	85.00000	0.00000	0.00000	-0.00742	1
		10603	6.78870	67.77400	85.00000	0.00000	0.00000	-0.00759	1
		10604	7.54300	67.77400	85.00000	0.00000	0.00000	-0.00776	1
		10605	8.29730	67.77400	85.00000	0.00000	0.00000	-0.00793	1
		10606	9.05160	67.77400	85.00000	0.00000	0.00000	-0.00809	1
		10607	9.80590	67.77400	85.00000	0.00000	0.00000	-0.00826	1
		10608	10.56020	67.77400	85.00000	0.00000	0.00000	-0.00843	1
		10609	11.31450	67.77400	85.00000	0.00000	0.00000	-0.00859	1
		10610	12.06880	67.77400	85.00000	0.00000	0.00000	-0.00875	1
		10611	12.82310	67.77400	85.00000	0.00000	0.00000	-0.00891	1
		10612	13.57740	67.77400	85.00000	0.00000	0.00000	-0.00906	1
		10613	14.33170	67.77400	85.00000	0.00000	0.00000	-0.00921	1
		10614	15.08600	67.77400	85.00000	0.00000	0.00000	-0.00935	1
		10615	15.84030	67.77400	85.00000	0.00000	0.00000	-0.00949	1
		10616	16.59460	67.77400	85.00000	0.00000	0.00000	-0.00962	1
		10617	17.34890	67.77400	85.00000	0.00000	0.00000	-0.00974	1
		10618	18.10320	67.77400	85				



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		10653	44.50370	67.77400	85.00000	0.00000	0.00000	-0.01063	1
		10654	45.25800	67.77400	85.00000	0.00000	0.00000	-0.01065	1
		10655	46.01230	67.77400	85.00000	0.00000	0.00000	-0.01067	1
		10656	46.76660	67.77400	85.00000	0.00000	0.00000	-0.01068	1
		10657	47.52090	67.77400	85.00000	0.00000	0.00000	-0.01069	1
		10658	48.27520	67.77400	85.00000	0.00000	0.00000	-0.01069	1
		10659	49.02950	67.77400	85.00000	0.00000	0.00000	-0.01069	1
		10660	49.78380	67.77400	85.00000	0.00000	0.00000	-0.01067	1
		10661	50.53810	67.77400	85.00000	0.00000	0.00000	-0.01065	1
		10662	51.29240	67.77400	85.00000	0.00000	0.00000	-0.01062	1
		10663	52.04670	67.77400	85.00000	0.00000	0.00000	-0.01058	1
		10664	52.80100	67.77400	85.00000	0.00000	0.00000	-0.01053	1
		10665	53.55530	67.77400	85.00000	0.00000	0.00000	-0.01047	1
		10666	54.30960	67.77400	85.00000	0.00000	0.00000	-0.01040	1
		10667	55.06390	67.77400	85.00000	0.00000	0.00000	-0.01033	1
		10668	55.81820	67.77400	85.00000	0.00000	0.00000	-0.01024	1
		10669	56.57250	67.77400	85.00000	0.00000	0.00000	-0.01014	1
		10670	57.32680	67.77400	85.00000	0.00000	0.00000	-0.01004	1
		10671	58.08110	67.77400	85.00000	0.00000	0.00000	-0.00992	1
		10672	58.83540	67.77400	85.00000	0.00000	0.00000	-0.00980	1
		10673	59.58970	67.77400	85.00000	0.00000	0.00000	-0.00967	1
		10674	60.34400	67.77400	85.00000	0.00000	0.00000	-0.00954	1
		10675	61.09830	67.77400	85.00000	0.00000	0.00000	-0.00940	1
		10676	61.85260	67.77400	85.00000	0.00000	0.00000	-0.00925	1
		10677	62.60690	67.77400	85.00000	0.00000	0.00000	-0.00910	1
		10678	63.36120	67.77400	85.00000	0.00000	0.00000	-0.00894	1
		10679	64.11550	67.77400	85.00000	0.00000	0.00000	-0.00878	1
		10680	64.86980	67.77400	85.00000	0.00000	0.00000	-0.00862	1
		10681	65.62410	67.77400	85.00000	0.00000	0.00000	-0.00846	1
		10682	66.37840	67.77400	85.00000	0.00000	0.00000	-0.00829	1
		10683	67.13270	67.77400	85.00000	0.00000	0.00000	-0.00812	1
		10684	67.88700	67.77400	85.00000	0.00000	0.00000	-0.00795	1
		10685	68.64130	67.77400	85.00000	0.00000	0.00000	-0.00778	1
		10686	69.39560	67.77400	85.00000	0.00000	0.00000	-0.00761	1
		10687	70.14990	67.77400	85.00000	0.00000	0.00000	-0.00744	1
		10688	70.90420	67.77400	85.00000	0.00000	0.00000	-0.00727	1
		10689	71.65850	67.77400	85.00000	0.00000	0.00000	-0.00711	1
		10690	72.41280	67.77400	85.00000	0.00000	0.00000	-0.00694	1
		10691	73.16710	67.77400	85.00000	0.00000	0.00000	-0.00677	1
		10692	73.92140	67.77400	85.00000	0.00000	0.00000	-0.00661	1
		10693	74.67570	67.77400	85.00000	0.00000	0.00000	-0.00645	1
		10694	75.43000	67.77400	85.00000	0.00000	0.00000	-0.00629	1
		10695	0.00000	68.49500	85.00000	0.00000	0.00000	-0.00600	1
		10696	0.75430	68.49500	85.00000	0.00000	0.00000	-0.00615	1
		10697	1.50860	68.49500	85.00000	0.00000	0.00000	-0.00630	1
		10698	2.26290	68.49500	85.00000	0.00000	0.00000	-0.00646	1
		10699	3.01720	68.49500	85.00000	0.00000	0.00000	-0.00661	1
		10700	3.77150	68.49500	85.00000	0.00000	0.00000	-0.00677	1
		10701	4.52580	68.49500	85.00000	0.00000	0.00000	-0.00694	1
		10702	5.28010	68.49500	85.00000	0.00000	0.00000	-0.00710	1
		10703	6.03440	68.49500	85.00000	0.00000	0.00000	-0.00726	1
		10704	6.78870	68.49500	85.00000	0.00000	0.00000	-0.00743	1
		10705	7.54300	68.49500	85.00000	0.00000	0.00000	-0.00759	1
		10706	8.29730	68.49500	85.00000	0.00000	0.00000	-0.00776	1
		10707	9.05160	68.49500	85.00000	0.00000	0.00000	-0.00792	1
		10708	9.80590	68.49500	85.00000	0.00000	0.00000	-0.00808	1
		10709	10.56020	68.49500	85.00000	0.00000	0.00000	-0.00825	1
		10710	11.31450	68.49500	85.00000	0.00000	0.00000	-0.00841	1
		10711	12.06880	68.49500	85.00000	0.00000	0.00000	-0.00856	1
		10712	12.82310	68.49500	85.00000	0.00000	0.00000	-0.00872	1
		10713	13.57740	68.49500	85.00000	0.00000	0.00000	-0.00887	1
		10714	14.33170	68.49500	85.00000	0.00000	0.00000	-0.00902	1
		10715	15.08600	68.49500	85.00000	0.00000	0.00000	-0.00916	1
		10716	15.84030	68.49500	85.00000	0.00000	0.00000	-0.00930	1
		10717	16.59460	68.49500	85.00000	0.00000	0.00000	-0.00944	1
		10718	17.34890	68.49500	85.00000	0.00000	0.00000	-0.00957	1
		10719	18.10320	68.49500	85.00000	0.00000	0.00000	-0.00969	1
		10720	18.85750	68.49500	85.00000	0.00000	0.00000	-0.00980	1
		10721	19.61180	68.49500	85.00000	0.00000	0.00000	-0.00991	1
		10722	20.36610	68.49500	85.00000	0.00000	0.00000	-0.01001	1
		10723	21.12040	68.49500	85.00000	0.00000	0.00000	-0.01010	1
		10724	21.87470	68.49500	85.00000	0.00000	0.00000	-0.01018	1
		10725	22.62900	68.49500	85.00000	0.00000	0.00000	-0.01026	1
		10726	23.38330	68.49500	85.00000	0.00000	0.00000	-0.01032	1
		10727	24.13760	68.49500	85.00000	0.00000	0.00000	-0.01038	1
		10728	24.89190	68.49500	85.00000	0.00000	0.00000	-0.01043	1
		10729	25.64620	68.49500	85.00000	0.00000	0.00000	-0.01047	1
		10730	26.40050	68.49500	85.00000	0.00000	0.00000	-0.01051	1
		10731	27.15480	68.49500	85.00000	0.00000	0.00000	-0.01054	1
		10732	27.90910	68.49500	85.00000	0.00000	0.00000	-0.01056	1
		10733	28.66340	68.49500	85.00000	0.00000	0.00000	-0.01058	1
		10734	29.41770	68.49500	85.00000	0.00000	0.00000	-0.01059	1
		10735	30.17200	68.49500	85.00000	0.00000	0.00000	-0.01060	1
		10736	30.92630	68.49500	85.00000	0.00000	0.00000	-0.01060	1
		10737	31.68060	68.49500	85.00000	0.00000	0.00000	-0.01060	1
		10738	32.43490	68.49500	85.00000	0.00000	0.00000	-0.01060	1
		10739	33.18920	68.49500	85.00000	0.00000	0.00000	-0.01060	1
		10740	33.94350	68.49500	85.00000	0.00000	0.00000	-0.01060	1
		10741	34.69780	68.49500	85.00000	0.00000	0.00000	-0.01060	1
		10742	35.45210	68.49500	85.00000	0.00000	0.00000	-0.01060	1
		10743	36.20640	68.49500	85.00000	0.00000	0.00000	-0.01060	1
		10744	36.96070	68.49500	85.00000	0.00000	0.00000	-0.01060	1
		10745	37.71500	68.49500	85.00000	0.00000	0.00000	-0.01060	1
		10746	38.46930	68.49500	85.00000	0.00000	0.00000	-0.01061	1
		10747	39.22360	68.49500	85.00000	0.00000	0.00000	-0.01062	1
		10748	39.97790	68.49500	85				



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		10783	66.37840	68.49500	85.00000	0.00000	0.00000	-0.00811	1
		10784	67.13270	68.49500	85.00000	0.00000	0.00000	-0.00794	1
		10785	67.88700	68.49500	85.00000	0.00000	0.00000	-0.00778	1
		10786	68.64130	68.49500	85.00000	0.00000	0.00000	-0.00761	1
		10787	69.39560	68.49500	85.00000	0.00000	0.00000	-0.00745	1
		10788	70.14990	68.49500	85.00000	0.00000	0.00000	-0.00728	1
		10789	70.90420	68.49500	85.00000	0.00000	0.00000	-0.00712	1
		10790	71.65850	68.49500	85.00000	0.00000	0.00000	-0.00695	1
		10791	72.41280	68.49500	85.00000	0.00000	0.00000	-0.00679	1
		10792	73.16710	68.49500	85.00000	0.00000	0.00000	-0.00663	1
		10793	73.92140	68.49500	85.00000	0.00000	0.00000	-0.00647	1
		10794	74.67570	68.49500	85.00000	0.00000	0.00000	-0.00632	1
		10795	75.43000	68.49500	85.00000	0.00000	0.00000	-0.00616	1
		10796	0.00000	69.21600	85.00000	0.00000	0.00000	-0.00587	1
		10797	0.75430	69.21600	85.00000	0.00000	0.00000	-0.00602	1
		10798	1.50860	69.21600	85.00000	0.00000	0.00000	-0.00617	1
		10799	2.26290	69.21600	85.00000	0.00000	0.00000	-0.00632	1
		10800	3.01720	69.21600	85.00000	0.00000	0.00000	-0.00648	1
		10801	3.77150	69.21600	85.00000	0.00000	0.00000	-0.00663	1
		10802	4.52580	69.21600	85.00000	0.00000	0.00000	-0.00679	1
		10803	5.28010	69.21600	85.00000	0.00000	0.00000	-0.00694	1
		10804	6.03440	69.21600	85.00000	0.00000	0.00000	-0.00710	1
		10805	6.78870	69.21600	85.00000	0.00000	0.00000	-0.00726	1
		10806	7.54300	69.21600	85.00000	0.00000	0.00000	-0.00742	1
		10807	8.29730	69.21600	85.00000	0.00000	0.00000	-0.00758	1
		10808	9.05160	69.21600	85.00000	0.00000	0.00000	-0.00775	1
		10809	9.80590	69.21600	85.00000	0.00000	0.00000	-0.00791	1
		10810	10.56020	69.21600	85.00000	0.00000	0.00000	-0.00806	1
		10811	11.31450	69.21600	85.00000	0.00000	0.00000	-0.00822	1
		10812	12.06880	69.21600	85.00000	0.00000	0.00000	-0.00838	1
		10813	12.82310	69.21600	85.00000	0.00000	0.00000	-0.00853	1
		10814	13.57740	69.21600	85.00000	0.00000	0.00000	-0.00868	1
		10815	14.33170	69.21600	85.00000	0.00000	0.00000	-0.00883	1
		10816	15.08600	69.21600	85.00000	0.00000	0.00000	-0.00897	1
		10817	15.84030	69.21600	85.00000	0.00000	0.00000	-0.00911	1
		10818	16.59460	69.21600	85.00000	0.00000	0.00000	-0.00925	1
		10819	17.34890	69.21600	85.00000	0.00000	0.00000	-0.00938	1
		10820	18.10320	69.21600	85.00000	0.00000	0.00000	-0.00950	1
		10821	18.85750	69.21600	85.00000	0.00000	0.00000	-0.00962	1
		10822	19.61180	69.21600	85.00000	0.00000	0.00000	-0.00973	1
		10823	20.36610	69.21600	85.00000	0.00000	0.00000	-0.00984	1
		10824	21.12040	69.21600	85.00000	0.00000	0.00000	-0.00993	1
		10825	21.87470	69.21600	85.00000	0.00000	0.00000	-0.01003	1
		10826	22.62900	69.21600	85.00000	0.00000	0.00000	-0.01011	1
		10827	23.38330	69.21600	85.00000	0.00000	0.00000	-0.01019	1
		10828	24.13760	69.21600	85.00000	0.00000	0.00000	-0.01025	1
		10829	24.89190	69.21600	85.00000	0.00000	0.00000	-0.01032	1
		10830	25.64620	69.21600	85.00000	0.00000	0.00000	-0.01037	1
		10831	26.40050	69.21600	85.00000	0.00000	0.00000	-0.01042	1
		10832	27.15480	69.21600	85.00000	0.00000	0.00000	-0.01046	1
		10833	27.90910	69.21600	85.00000	0.00000	0.00000	-0.01050	1
		10834	28.66340	69.21600	85.00000	0.00000	0.00000	-0.01053	1
		10835	29.41770	69.21600	85.00000	0.00000	0.00000	-0.01055	1
		10836	30.17200	69.21600	85.00000	0.00000	0.00000	-0.01057	1
		10837	30.92630	69.21600	85.00000	0.00000	0.00000	-0.01059	1
		10838	31.68060	69.21600	85.00000	0.00000	0.00000	-0.01060	1
		10839	32.43490	69.21600	85.00000	0.00000	0.00000	-0.01061	1
		10840	33.18920	69.21600	85.00000	0.00000	0.00000	-0.01062	1
		10841	33.94350	69.21600	85.00000	0.00000	0.00000	-0.01063	1
		10842	34.69780	69.21600	85.00000	0.00000	0.00000	-0.01063	1
		10843	35.45210	69.21600	85.00000	0.00000	0.00000	-0.01064	1
		10844	36.20640	69.21600	85.00000	0.00000	0.00000	-0.01064	1
		10845	36.96070	69.21600	85.00000	0.00000	0.00000	-0.01065	1
		10846	37.71500	69.21600	85.00000	0.00000	0.00000	-0.01065	1
		10847	38.46930	69.21600	85.00000	0.00000	0.00000	-0.01066	1
		10848	39.22360	69.21600	85.00000	0.00000	0.00000	-0.01066	1
		10849	39.97790	69.21600	85.00000	0.00000	0.00000	-0.01067	1
		10850	40.73220	69.21600	85.00000	0.00000	0.00000	-0.01067	1
		10851	41.48650	69.21600	85.00000	0.00000	0.00000	-0.01067	1
		10852	42.24080	69.21600	85.00000	0.00000	0.00000	-0.01068	1
		10853	42.99510	69.21600	85.00000	0.00000	0.00000	-0.01068	1
		10854	43.74940	69.21600	85.00000	0.00000	0.00000	-0.01067	1
		10855	44.50370	69.21600	85.00000	0.00000	0.00000	-0.01067	1
		10856	45.25800	69.21600	85.00000	0.00000	0.00000	-0.01066	1
		10857	46.01230	69.21600	85.00000	0.00000	0.00000	-0.01065	1
		10858	46.76660	69.21600	85.00000	0.00000	0.00000	-0.01063	1
		10859	47.52090	69.21600	85.00000	0.00000	0.00000	-0.01060	1
		10860	48.27520	69.21600	85.00000	0.00000	0.00000	-0.01057	1
		10861	49.02950	69.21600	85.00000	0.00000	0.00000	-0.01054	1
		10862	49.78380	69.21600	85.00000	0.00000	0.00000	-0.01050	1
		10863	50.53810	69.21600	85.00000	0.00000	0.00000	-0.01045	1
		10864	51.29240	69.21600	85.00000	0.00000	0.00000	-0.01039	1
		10865	52.04670	69.21600	85.00000	0.00000	0.00000	-0.01033	1
		10866	52.80100	69.21600	85.00000	0.00000	0.00000	-0.01025	1
		10867	53.55530	69.21600	85.00000	0.00000	0.00000	-0.01018	1
		10868	54.30960	69.21600	85.00000	0.00000	0.00000	-0.01009	1
		10869	55.06390	69.21600	85.00000	0.00000	0.00000	-0.00999	1
		10870	55.81820	69.21600	85.00000	0.00000	0.00000	-0.00989	1
		10871	56.57250	69.21600	85.00000	0.00000	0.00000	-0.00978	1
		10872	57.32680	69.21600	85.00000	0.00000	0.00000	-0.00967	1
		10873	58.08110	69.21600	85.00000	0.00000	0.00000	-0.00955	1
		10874	58.83540	69.21600	85.00000	0.00000	0.00000	-0.00942	1
		10875	59.58970	69.21600	85.00000	0.00000	0.00000	-0.00929	1
		10876	60.34400	69.21600	85.00000	0.00000	0.00000	-0.00915	1
		10877	61.09830	69.21600	85.00000	0.00000	0.00000	-0.00901	1



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		10913	12.06890	69.93700	85.00000	0.00000	0.00000	-0.00819	1
		10914	12.82310	69.93700	85.00000	0.00000	0.00000	-0.00834	1
		10915	13.57740	69.93700	85.00000	0.00000	0.00000	-0.00849	1
		10916	14.33170	69.93700	85.00000	0.00000	0.00000	-0.00863	1
		10917	15.08600	69.93700	85.00000	0.00000	0.00000	-0.00878	1
		10918	15.84030	69.93700	85.00000	0.00000	0.00000	-0.00892	1
		10919	16.59460	69.93700	85.00000	0.00000	0.00000	-0.00905	1
		10920	17.34890	69.93700	85.00000	0.00000	0.00000	-0.00918	1
		10921	18.10320	69.93700	85.00000	0.00000	0.00000	-0.00931	1
		10922	18.85750	69.93700	85.00000	0.00000	0.00000	-0.00943	1
		10923	19.61180	69.93700	85.00000	0.00000	0.00000	-0.00954	1
		10924	20.36610	69.93700	85.00000	0.00000	0.00000	-0.00965	1
		10925	21.12040	69.93700	85.00000	0.00000	0.00000	-0.00975	1
		10926	21.87470	69.93700	85.00000	0.00000	0.00000	-0.00985	1
		10927	22.62900	69.93700	85.00000	0.00000	0.00000	-0.00994	1
		10928	23.38330	69.93700	85.00000	0.00000	0.00000	-0.01002	1
		10929	24.13760	69.93700	85.00000	0.00000	0.00000	-0.01010	1
		10930	24.89190	69.93700	85.00000	0.00000	0.00000	-0.01017	1
		10931	25.64620	69.93700	85.00000	0.00000	0.00000	-0.01023	1
		10932	26.40050	69.93700	85.00000	0.00000	0.00000	-0.01029	1
		10933	27.15480	69.93700	85.00000	0.00000	0.00000	-0.01034	1
		10934	27.90910	69.93700	85.00000	0.00000	0.00000	-0.01039	1
		10935	28.66340	69.93700	85.00000	0.00000	0.00000	-0.01043	1
		10936	29.41770	69.93700	85.00000	0.00000	0.00000	-0.01046	1
		10937	30.17200	69.93700	85.00000	0.00000	0.00000	-0.01050	1
		10938	30.92630	69.93700	85.00000	0.00000	0.00000	-0.01052	1
		10939	31.68060	69.93700	85.00000	0.00000	0.00000	-0.01054	1
		10940	32.43490	69.93700	85.00000	0.00000	0.00000	-0.01056	1
		10941	33.18920	69.93700	85.00000	0.00000	0.00000	-0.01058	1
		10942	33.94350	69.93700	85.00000	0.00000	0.00000	-0.01059	1
		10943	34.69780	69.93700	85.00000	0.00000	0.00000	-0.01060	1
		10944	35.45210	69.93700	85.00000	0.00000	0.00000	-0.01061	1
		10945	36.20640	69.93700	85.00000	0.00000	0.00000	-0.01062	1
		10946	36.96070	69.93700	85.00000	0.00000	0.00000	-0.01063	1
		10947	37.71500	69.93700	85.00000	0.00000	0.00000	-0.01063	1
		10948	38.46930	69.93700	85.00000	0.00000	0.00000	-0.01064	1
		10949	39.22360	69.93700	85.00000	0.00000	0.00000	-0.01064	1
		10950	39.97790	69.93700	85.00000	0.00000	0.00000	-0.01064	1
		10951	40.73220	69.93700	85.00000	0.00000	0.00000	-0.01064	1
		10952	41.48650	69.93700	85.00000	0.00000	0.00000	-0.01064	1
		10953	42.24080	69.93700	85.00000	0.00000	0.00000	-0.01063	1
		10954	42.99510	69.93700	85.00000	0.00000	0.00000	-0.01062	1
		10955	43.74940	69.93700	85.00000	0.00000	0.00000	-0.01061	1
		10956	44.50370	69.93700	85.00000	0.00000	0.00000	-0.01060	1
		10957	45.25800	69.93700	85.00000	0.00000	0.00000	-0.01058	1
		10958	46.01230	69.93700	85.00000	0.00000	0.00000	-0.01056	1
		10959	46.76660	69.93700	85.00000	0.00000	0.00000	-0.01053	1
		10960	47.52090	69.93700	85.00000	0.00000	0.00000	-0.01049	1
		10961	48.27520	69.93700	85.00000	0.00000	0.00000	-0.01045	1
		10962	49.02950	69.93700	85.00000	0.00000	0.00000	-0.01041	1
		10963	49.78380	69.93700	85.00000	0.00000	0.00000	-0.01036	1
		10964	50.53810	69.93700	85.00000	0.00000	0.00000	-0.01030	1
		10965	51.29240	69.93700	85.00000	0.00000	0.00000	-0.01023	1
		10966	52.04670	69.93700	85.00000	0.00000	0.00000	-0.01016	1
		10967	52.80100	69.93700	85.00000	0.00000	0.00000	-0.01008	1
		10968	53.55530	69.93700	85.00000	0.00000	0.00000	-0.01000	1
		10969	54.30960	69.93700	85.00000	0.00000	0.00000	-0.00990	1
		10970	55.06390	69.93700	85.00000	0.00000	0.00000	-0.00980	1
		10971	55.81820	69.93700	85.00000	0.00000	0.00000	-0.00970	1
		10972	56.57250	69.93700	85.00000	0.00000	0.00000	-0.00959	1
		10973	57.32680	69.93700	85.00000	0.00000	0.00000	-0.00947	1
		10974	58.08110	69.93700	85.00000	0.00000	0.00000	-0.00935	1
		10975	58.83540	69.93700	85.00000	0.00000	0.00000	-0.00922	1
		10976	59.58970	69.93700	85.00000	0.00000	0.00000	-0.00909	1
		10977	60.34400	69.93700	85.00000	0.00000	0.00000	-0.00895	1
		10978	61.09830	69.93700	85.00000	0.00000	0.00000	-0.00881	1
		10979	61.85260	69.93700	85.00000	0.00000	0.00000	-0.00866	1
		10980	62.60690	69.93700	85.00000	0.00000	0.00000	-0.00852	1
		10981	63.36120	69.93700	85.00000	0.00000	0.00000	-0.00837	1
		10982	64.11550	69.93700	85.00000	0.00000	0.00000	-0.00821	1
		10983	64.86980	69.93700	85.00000	0.00000	0.00000	-0.00806	1
		10984	65.62410	69.93700	85.00000	0.00000	0.00000	-0.00790	1
		10985	66.37840	69.93700	85.00000	0.00000	0.00000	-0.00775	1
		10986	67.13270	69.93700	85.00000	0.00000	0.00000	-0.00759	1
		10987	67.88700	69.93700	85.00000	0.00000	0.00000	-0.00743	1
		10988	68.64130	69.93700	85.00000	0.00000	0.00000	-0.00728	1
		10989	69.39560	69.93700	85.00000	0.00000	0.00000	-0.00712	1
		10990	70.14990	69.93700	85.00000	0.00000	0.00000	-0.00696	1
		10991	70.90420	69.93700	85.00000	0.00000	0.00000	-0.00681	1
		10992	71.65850	69.93700	85.00000	0.00000	0.00000	-0.00666	1
		10993	72.41280	69.93700	85.00000	0.00000	0.00000	-0.00650	1
		10994	73.16710	69.93700	85.00000	0.00000	0.00000	-0.00635	1
		10995	73.92140	69.93700	85.00000	0.00000	0.00000	-0.00620	1
		10996	74.67570	69.93700	85.00000	0.00000	0.00000	-0.00606	1
		10997	75.43000	69.93700	85.00000	0.00000	0.00000	-0.00591	1
		10998	0.00000	70.65800	85.00000	0.00000	0.00000	-0.00564	1
		10999	0.75430	70.65800	85.00000	0.00000	0.00000	-0.00577	1
		11000	1.50860	70.65800	85.00000	0.00000	0.00000	-0.00591	1
		11001	2.26290	70.65800	85.00000	0.00000	0.00000	-0.00606	1
		11002	3.01720	70.65800	85.00000	0.00000	0.00000	-0.00620	1
		11003	3.77150	70.65800	85.00000	0.00000	0.00000	-0.00635	1
		11004	4.52580	70.65800	85.00000	0.00000	0.00000	-0.00649	1
		11005	5.28010	70.65800	85.00000	0.00000	0.00000	-0.00664	1
		11006	6.03440	70.65800	85.00000	0.00000	0.00000	-0.00679	1
		11007	6.78870	70.65800	85.00000	0.00000	0.00000	-0.00694	



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		11043	33.94350	70.65800	85.00000	0.00000	0.00000	-0.01051	1
		11044	34.69780	70.65800	85.00000	0.00000	0.00000	-0.01052	1
		11045	35.45210	70.65800	85.00000	0.00000	0.00000	-0.01054	1
		11046	36.20640	70.65800	85.00000	0.00000	0.00000	-0.01055	1
		11047	36.96070	70.65800	85.00000	0.00000	0.00000	-0.01055	1
		11048	37.71500	70.65800	85.00000	0.00000	0.00000	-0.01056	1
		11049	38.46930	70.65800	85.00000	0.00000	0.00000	-0.01056	1
		11050	39.22360	70.65800	85.00000	0.00000	0.00000	-0.01056	1
		11051	39.97790	70.65800	85.00000	0.00000	0.00000	-0.01056	1
		11052	40.73220	70.65800	85.00000	0.00000	0.00000	-0.01056	1
		11053	41.48650	70.65800	85.00000	0.00000	0.00000	-0.01055	1
		11054	42.24080	70.65800	85.00000	0.00000	0.00000	-0.01054	1
		11055	42.99510	70.65800	85.00000	0.00000	0.00000	-0.01053	1
		11056	43.74940	70.65800	85.00000	0.00000	0.00000	-0.01051	1
		11057	44.50370	70.65800	85.00000	0.00000	0.00000	-0.01049	1
		11058	45.25800	70.65800	85.00000	0.00000	0.00000	-0.01046	1
		11059	46.01230	70.65800	85.00000	0.00000	0.00000	-0.01043	1
		11060	46.76660	70.65800	85.00000	0.00000	0.00000	-0.01039	1
		11061	47.52090	70.65800	85.00000	0.00000	0.00000	-0.01035	1
		11062	48.27520	70.65800	85.00000	0.00000	0.00000	-0.01030	1
		11063	49.02950	70.65800	85.00000	0.00000	0.00000	-0.01025	1
		11064	49.78380	70.65800	85.00000	0.00000	0.00000	-0.01019	1
		11065	50.53810	70.65800	85.00000	0.00000	0.00000	-0.01013	1
		11066	51.29240	70.65800	85.00000	0.00000	0.00000	-0.01005	1
		11067	52.04670	70.65800	85.00000	0.00000	0.00000	-0.00998	1
		11068	52.80100	70.65800	85.00000	0.00000	0.00000	-0.00989	1
		11069	53.55530	70.65800	85.00000	0.00000	0.00000	-0.00980	1
		11070	54.30960	70.65800	85.00000	0.00000	0.00000	-0.00971	1
		11071	55.06390	70.65800	85.00000	0.00000	0.00000	-0.00960	1
		11072	55.81820	70.65800	85.00000	0.00000	0.00000	-0.00950	1
		11073	56.57250	70.65800	85.00000	0.00000	0.00000	-0.00938	1
		11074	57.32680	70.65800	85.00000	0.00000	0.00000	-0.00926	1
		11075	58.08110	70.65800	85.00000	0.00000	0.00000	-0.00914	1
		11076	58.83540	70.65800	85.00000	0.00000	0.00000	-0.00901	1
		11077	59.58970	70.65800	85.00000	0.00000	0.00000	-0.00888	1
		11078	60.34400	70.65800	85.00000	0.00000	0.00000	-0.00875	1
		11079	61.09830	70.65800	85.00000	0.00000	0.00000	-0.00861	1
		11080	61.85260	70.65800	85.00000	0.00000	0.00000	-0.00846	1
		11081	62.60690	70.65800	85.00000	0.00000	0.00000	-0.00832	1
		11082	63.36120	70.65800	85.00000	0.00000	0.00000	-0.00817	1
		11083	64.11550	70.65800	85.00000	0.00000	0.00000	-0.00802	1
		11084	64.86980	70.65800	85.00000	0.00000	0.00000	-0.00787	1
		11085	65.62410	70.65800	85.00000	0.00000	0.00000	-0.00772	1
		11086	66.37840	70.65800	85.00000	0.00000	0.00000	-0.00757	1
		11087	67.13270	70.65800	85.00000	0.00000	0.00000	-0.00742	1
		11088	67.88700	70.65800	85.00000	0.00000	0.00000	-0.00726	1
		11089	68.64130	70.65800	85.00000	0.00000	0.00000	-0.00711	1
		11090	69.39560	70.65800	85.00000	0.00000	0.00000	-0.00696	1
		11091	70.14990	70.65800	85.00000	0.00000	0.00000	-0.00681	1
		11092	70.90420	70.65800	85.00000	0.00000	0.00000	-0.00666	1
		11093	71.65850	70.65800	85.00000	0.00000	0.00000	-0.00651	1
		11094	72.41280	70.65800	85.00000	0.00000	0.00000	-0.00636	1
		11095	73.16710	70.65800	85.00000	0.00000	0.00000	-0.00621	1
		11096	73.92140	70.65800	85.00000	0.00000	0.00000	-0.00607	1
		11097	74.67570	70.65800	85.00000	0.00000	0.00000	-0.00593	1
		11098	75.43000	70.65800	85.00000	0.00000	0.00000	-0.00579	1
		11099	0.00000	71.37900	85.00000	0.00000	0.00000	-0.00552	1
		11100	0.75430	71.37900	85.00000	0.00000	0.00000	-0.00565	1
		11101	1.50860	71.37900	85.00000	0.00000	0.00000	-0.00579	1
		11102	2.26290	71.37900	85.00000	0.00000	0.00000	-0.00592	1
		11103	3.01720	71.37900	85.00000	0.00000	0.00000	-0.00606	1
		11104	3.77150	71.37900	85.00000	0.00000	0.00000	-0.00621	1
		11105	4.52580	71.37900	85.00000	0.00000	0.00000	-0.00635	1
		11106	5.28010	71.37900	85.00000	0.00000	0.00000	-0.00649	1
		11107	6.03440	71.37900	85.00000	0.00000	0.00000	-0.00664	1
		11108	6.78870	71.37900	85.00000	0.00000	0.00000	-0.00678	1
		11109	7.54300	71.37900	85.00000	0.00000	0.00000	-0.00693	1
		11110	8.29730	71.37900	85.00000	0.00000	0.00000	-0.00708	1
		11111	9.05160	71.37900	85.00000	0.00000	0.00000	-0.00723	1
		11112	9.80590	71.37900	85.00000	0.00000	0.00000	-0.00737	1
		11113	10.56020	71.37900	85.00000	0.00000	0.00000	-0.00752	1
		11114	11.31450	71.37900	85.00000	0.00000	0.00000	-0.00767	1
		11115	12.06880	71.37900	85.00000	0.00000	0.00000	-0.00781	1
		11116	12.82310	71.37900	85.00000	0.00000	0.00000	-0.00796	1
		11117	13.57740	71.37900	85.00000	0.00000	0.00000	-0.00810	1
		11118	14.33170	71.37900	85.00000	0.00000	0.00000	-0.00824	1
		11119	15.08600	71.37900	85.00000	0.00000	0.00000	-0.00838	1
		11120	15.84030	71.37900	85.00000	0.00000	0.00000	-0.00851	1
		11121	16.59460	71.37900	85.00000	0.00000	0.00000	-0.00865	1
		11122	17.34890	71.37900	85.00000	0.00000	0.00000	-0.00878	1
		11123	18.10320	71.37900	85.00000	0.00000	0.00000	-0.00890	1
		11124	18.85750	71.37900	85.00000	0.00000	0.00000	-0.00902	1
		11125	19.61180	71.37900	85.00000	0.00000	0.00000	-0.00914	1
		11126	20.36610	71.37900	85.00000	0.00000	0.00000	-0.00925	1
		11127	21.12040	71.37900	85.00000	0.00000	0.00000	-0.00936	1
		11128	21.87470	71.37900	85.00000	0.00000	0.00000	-0.00946	1
		11129	22.62900	71.37900	85.00000	0.00000	0.00000	-0.00956	1
		11130	23.38330	71.37900	85.00000	0.00000	0.00000	-0.00965	1
		11131	24.13760	71.37900	85.00000	0.00000	0.00000	-0.00974	1
		11132	24.89190	71.37900	85.00000	0.00000	0.00000	-0.00982	1
		11133	25.64620	71.37900	85.00000	0.00000	0.00000	-0.00989	1
		11134	26.40050	71.37900	85.00000	0.00000	0.00000	-0.00996	1
		11135	27.15480	71.37900	85.00000	0.00000	0.00000	-0.01003	1
		11136	27.90910	71.37900	85.00000	0.00000	0.00000	-0.01008	1
		11137	28.66340	71.37900	85.00000	0.00000	0.00000	-0.01014	1
		11138	29.41770	71.37900	85				



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		11173	55.81820	71.37900	85.00000	0.00000	0.00000	-0.00929	1
		11174	56.57250	71.37900	85.00000	0.00000	0.00000	-0.00917	1
		11175	57.32680	71.37900	85.00000	0.00000	0.00000	-0.00905	1
		11176	58.08110	71.37900	85.00000	0.00000	0.00000	-0.00893	1
		11177	58.83540	71.37900	85.00000	0.00000	0.00000	-0.00880	1
		11178	59.58970	71.37900	85.00000	0.00000	0.00000	-0.00867	1
		11179	60.34400	71.37900	85.00000	0.00000	0.00000	-0.00854	1
		11180	61.09830	71.37900	85.00000	0.00000	0.00000	-0.00840	1
		11181	61.85260	71.37900	85.00000	0.00000	0.00000	-0.00826	1
		11182	62.60690	71.37900	85.00000	0.00000	0.00000	-0.00812	1
		11183	63.36120	71.37900	85.00000	0.00000	0.00000	-0.00798	1
		11184	64.11550	71.37900	85.00000	0.00000	0.00000	-0.00783	1
		11185	64.86980	71.37900	85.00000	0.00000	0.00000	-0.00769	1
		11186	65.62410	71.37900	85.00000	0.00000	0.00000	-0.00754	1
		11187	66.37840	71.37900	85.00000	0.00000	0.00000	-0.00739	1
		11188	67.13270	71.37900	85.00000	0.00000	0.00000	-0.00724	1
		11189	67.88700	71.37900	85.00000	0.00000	0.00000	-0.00709	1
		11190	68.64130	71.37900	85.00000	0.00000	0.00000	-0.00695	1
		11191	69.39560	71.37900	85.00000	0.00000	0.00000	-0.00680	1
		11192	70.14990	71.37900	85.00000	0.00000	0.00000	-0.00665	1
		11193	70.90420	71.37900	85.00000	0.00000	0.00000	-0.00651	1
		11194	71.65850	71.37900	85.00000	0.00000	0.00000	-0.00636	1
		11195	72.41280	71.37900	85.00000	0.00000	0.00000	-0.00622	1
		11196	73.16710	71.37900	85.00000	0.00000	0.00000	-0.00608	1
		11197	73.92140	71.37900	85.00000	0.00000	0.00000	-0.00594	1
		11198	74.67570	71.37900	85.00000	0.00000	0.00000	-0.00580	1
		11199	75.43000	71.37900	85.00000	0.00000	0.00000	-0.00567	1
		11200	0.00000	72.10000	85.00000	0.00000	0.00000	-0.00540	1
		11201	0.75430	72.10000	85.00000	0.00000	0.00000	-0.00553	1
		11202	1.50860	72.10000	85.00000	0.00000	0.00000	-0.00566	1
		11203	2.26290	72.10000	85.00000	0.00000	0.00000	-0.00580	1
		11204	3.01720	72.10000	85.00000	0.00000	0.00000	-0.00593	1
		11205	3.77150	72.10000	85.00000	0.00000	0.00000	-0.00607	1
		11206	4.52580	72.10000	85.00000	0.00000	0.00000	-0.00621	1
		11207	5.28010	72.10000	85.00000	0.00000	0.00000	-0.00634	1
		11208	6.03440	72.10000	85.00000	0.00000	0.00000	-0.00649	1
		11209	6.78870	72.10000	85.00000	0.00000	0.00000	-0.00663	1
		11210	7.54300	72.10000	85.00000	0.00000	0.00000	-0.00677	1
		11211	8.29730	72.10000	85.00000	0.00000	0.00000	-0.00691	1
		11212	9.05160	72.10000	85.00000	0.00000	0.00000	-0.00706	1
		11213	9.80590	72.10000	85.00000	0.00000	0.00000	-0.00720	1
		11214	10.56020	72.10000	85.00000	0.00000	0.00000	-0.00734	1
		11215	11.31450	72.10000	85.00000	0.00000	0.00000	-0.00748	1
		11216	12.06880	72.10000	85.00000	0.00000	0.00000	-0.00763	1
		11217	12.82310	72.10000	85.00000	0.00000	0.00000	-0.00777	1
		11218	13.57740	72.10000	85.00000	0.00000	0.00000	-0.00791	1
		11219	14.33170	72.10000	85.00000	0.00000	0.00000	-0.00804	1
		11220	15.08600	72.10000	85.00000	0.00000	0.00000	-0.00818	1
		11221	15.84030	72.10000	85.00000	0.00000	0.00000	-0.00831	1
		11222	16.59460	72.10000	85.00000	0.00000	0.00000	-0.00844	1
		11223	17.34890	72.10000	85.00000	0.00000	0.00000	-0.00857	1
		11224	18.10320	72.10000	85.00000	0.00000	0.00000	-0.00869	1
		11225	18.85750	72.10000	85.00000	0.00000	0.00000	-0.00881	1
		11226	19.61180	72.10000	85.00000	0.00000	0.00000	-0.00893	1
		11227	20.36610	72.10000	85.00000	0.00000	0.00000	-0.00904	1
		11228	21.12040	72.10000	85.00000	0.00000	0.00000	-0.00915	1
		11229	21.87470	72.10000	85.00000	0.00000	0.00000	-0.00925	1
		11230	22.62900	72.10000	85.00000	0.00000	0.00000	-0.00935	1
		11231	23.38330	72.10000	85.00000	0.00000	0.00000	-0.00945	1
		11232	24.13760	72.10000	85.00000	0.00000	0.00000	-0.00953	1
		11233	24.89190	72.10000	85.00000	0.00000	0.00000	-0.00962	1
		11234	25.64620	72.10000	85.00000	0.00000	0.00000	-0.00969	1
		11235	26.40050	72.10000	85.00000	0.00000	0.00000	-0.00977	1
		11236	27.15480	72.10000	85.00000	0.00000	0.00000	-0.00983	1
		11237	27.90910	72.10000	85.00000	0.00000	0.00000	-0.00990	1
		11238	28.66340	72.10000	85.00000	0.00000	0.00000	-0.00995	1
		11239	29.41770	72.10000	85.00000	0.00000	0.00000	-0.01001	1
		11240	30.17200	72.10000	85.00000	0.00000	0.00000	-0.01005	1
		11241	30.92630	72.10000	85.00000	0.00000	0.00000	-0.01010	1
		11242	31.68060	72.10000	85.00000	0.00000	0.00000	-0.01013	1
		11243	32.43490	72.10000	85.00000	0.00000	0.00000	-0.01017	1
		11244	33.18920	72.10000	85.00000	0.00000	0.00000	-0.01020	1
		11245	33.94350	72.10000	85.00000	0.00000	0.00000	-0.01022	1
		11246	34.69780	72.10000	85.00000	0.00000	0.00000	-0.01024	1
		11247	35.45210	72.10000	85.00000	0.00000	0.00000	-0.01026	1
		11248	36.20640	72.10000	85.00000	0.00000	0.00000	-0.01027	1
		11249	36.96070	72.10000	85.00000	0.00000	0.00000	-0.01028	1
		11250	37.71500	72.10000	85.00000	0.00000	0.00000	-0.01029	1
		11251	38.46930	72.10000	85.00000	0.00000	0.00000	-0.01029	1
		11252	39.22360	72.10000	85.00000	0.00000	0.00000	-0.01029	1
		11253	39.97790	72.10000	85.00000	0.00000	0.00000	-0.01028	1
		11254	40.73220	72.10000	85.00000	0.00000	0.00000	-0.01028	1
		11255	41.48650	72.10000	85.00000	0.00000	0.00000	-0.01026	1
		11256	42.24080	72.10000	85.00000	0.00000	0.00000	-0.01024	1
		11257	42.99510	72.10000	85.00000	0.00000	0.00000	-0.01022	1
		11258	43.74940	72.10000	85.00000	0.00000	0.00000	-0.01020	1
		11259	44.50370	72.10000	85.00000	0.00000	0.00000	-0.01016	1
		11260	45.25800	72.10000	85.00000	0.00000	0.00000	-0.01013	1
		11261	46.01230	72.10000	85.00000	0.00000	0.00000	-0.01009	1
		11262	46.76660	72.10000	85.00000	0.00000	0.00000	-0.01004	1
		11263	47.52090	72.10000	85.00000	0.00000	0.00000	-0.00999	1
		11264	48.27520	72.10000	85.00000	0.00000	0.00000	-0.00993	1
		11265	49.02950	72.10000	85.00000	0.00000	0.00000	-0.00987	1
		11266	49.78380	72.10000	85.00000	0.00000	0.00000	-0.00980	1
		11267	50.53810	72.10000	85.00000	0.00000	0.00000	-0.00973	1
		11268	51.29240	72.10000</					

Set: Ref.	Set: Name	Result: Ref.	Coordinates x [m]	Coordinates y [m]	Coordinates z [m]	Displacements x [mm]	Displacements y [mm]	Displacements z [mm]

6 - Data point coincident with vertical movement calculation point for a specific building. Its displacement has been added before performing building damage calculations.

Polygonal Excavations

Ref	1										
Excavation Name:					Basement Excavation						
Surface level [m]:					85.000						
Contribution:					Positive						
Corner	x	y	Base Level	Arch Enabled	Stiffened	Prev. Side: d	Prev. Side: p1	Prev. Side: p2*	Next Side: d	Next Side: p1	Next Side: p2*
	[m]	[m]	[m]			[m]	[%]	[%]	[m]	[%]	[%]
	1 32.000	38.770	80.275	Yes	Yes	25.000	67.000	25.000	25.000	67.000	25.000
	2 33.610	41.690	80.275	Yes	Yes	25.000	67.000	25.000	25.000	67.000	25.000
	3 40.860	41.520	80.275	Yes	Yes	25.000	67.000	25.000	25.000	67.000	25.000
	4 44.010	39.180	80.275	Yes	Yes	25.000	67.000	25.000	25.000	67.000	25.000
	5 44.580	33.430	80.275	Yes	Yes	25.000	67.000	25.000	25.000	67.000	25.000
	6 43.270	30.900	80.275	Yes	Yes	25.000	67.000	25.000	25.000	67.000	25.000
	7 34.590	31.220	80.275	Yes	Yes	25.000	67.000	25.000	25.000	67.000	25.000
	8 32.640	32.370	80.275	Yes	Yes	25.000	67.000	25.000	25.000	67.000	25.000
Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical				G.M. Curve: Horizontal		
1	32.000	38.770	33.610	41.690	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))				Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))		
2	33.610	41.690	40.860	41.520	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))				Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))		
3	40.860	41.520	44.010	39.180	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))				Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))		
4	44.010	39.180	44.580	33.430	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))				Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))		
5	44.580	33.430	43.270	30.900	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))				Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))		
6	43.270	30.900	34.590	31.220	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))				Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))		
7	34.590	31.220	32.640	32.370	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))				Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))		
8	32.640	32.370	32.000	38.770	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))				Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))		

Ref.					2 Wall Installation							
Excavation Name:					85.00m							
Surface level [m]:					Positive							
Contribution:												
Corner	x	y	Base Level	Arc Enabled	Stiffened	Prev. Side:	Prev. p1	Prev. p2*	Next Side:	Next p1	Next p2*	Next Side:
	[m]	[m]	[m]			d	[%]	[%]	d	[%]	[%]	d
						[m]			[m]			[m]
1	32.000	38.770	73.000	Yes	No	-	-	-	-	-	-	-
2	33.610	41.690	73.000	Yes	No	-	-	-	-	-	-	-
3	40.860	41.520	73.000	Yes	No	-	-	-	-	-	-	-
4	44.010	39.180	73.000	Yes	No	-	-	-	-	-	-	-
5	44.580	33.430	73.000	Yes	No	-	-	-	-	-	-	-
6	43.270	30.900	73.000	Yes	No	-	-	-	-	-	-	-
7	34.590	31.220	73.000	Yes	No	-	-	-	-	-	-	-
8	32.640	32.370	73.000	Yes	No	-	-	-	-	-	-	-
Side	x1	y1	x2	y2	G.M. Curve: Vertical				G.M. Curve: Horizontal			
	[m]	[m]	[m]	[m]								
1	32.000	38.770	33.610	41.690	Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(b))				Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(a))			
2	33.610	41.690	40.860	41.520	Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(b))				Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(a))			
3	40.860	41.520	44.010	39.180	Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(b))				Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(a))			
4	44.010	39.180	44.580	33.430	Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(b))				Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(a))			
5	44.580	33.430	43.270	30.900	Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(b))				Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(a))			
6	43.270	30.900	34.590	31.220	Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(b))				Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(a))			
7	34.590	31.220	32.640	32.370	Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(b))				Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(a))			
8	32.640	32.370	32.000	38.770	Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(b))				Inst. of contiguous bored pile wall in stiff clay (CIRIA Fig. 6.8(a))			

Circular Excavations

Vertical Ground Movement Curves

Curve Name: Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(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 Determination: 1.0

Curve Name: Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(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]

Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD					Job No.	Sheet No.	Rev.
					3500		
					Drg. Ref.		
					Made by PES	Date 01-Nov-2024	Checked

Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal		
					[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-3x ⁴ + 2.8495E-2x ³ - 1.0051E-1x ² + 1.0569E-1x + 3.8990E-2							
Coeff. of Determination:	9.9991E-1							

Horizontal Ground Movement Curves

Curve Name:

Coordinates:

Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))

[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][0.050,0.000,0.038][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]
[0.600,0.000,0.019][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][0.900,0.000,0.011][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:

x Order:

y Order:

Polynomial: z =

Coeff. of Determination:

Polynomial

3

0

-4.2486E-3x³ + 1.9096E-2x² - 4.6221E-2x + 4.0729E-2

1.0000

Curve Name:

Coordinates:

Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))

[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:

x Order:

y Order:

Polynomial: z =

Coeff. of Determination:

Polynomial

1

0

-3.75E-2x + 1.50E-1

1.00

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

Specific Buildings - Geometry

Ref.	Building Name	Sub-Building Name	Displacement Line	Distance Along Line: Start	Distance Along Line: End	Vertical Offsets from Line for Vertical Movement Calculations	Vertical Displacement Limit Sensitivity	Damage Category Strains	Poisson's Ratio	E/G
				[m]	[m]	[m]	[mm]			
1	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	Mau.1.1	0.00000	4.59400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
2	Mausoleum of Lord Dalziel of Wooler	Mau.1.2	Mau.1.2	0.00000	4.92300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
3	Mausoleum of Lord Dalziel of Wooler	Mau.1.3	Mau.1.3	0.00000	4.52300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
4	Mausoleum of Lord Dalziel of Wooler	Mau.1.4	Mau.1.4	0.00000	5.01300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
5	Small Ticket Kiosk	STK.1.1	STK.1.1	0.00000	4.10400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
6	Small Ticket Kiosk	STK.1.2	STK.1.2	0.00000	2.75200	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
7	Small Ticket Kiosk	STK.1.3	STK.1.3	0.00000	4.10300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
8	Small Ticket Kiosk	STK.1.4	STK.1.4	0.00000	2.76200	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
9	Mauselum 2	Mau.2.1	Mau.2.1	0.00000	3.79800	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
10	Mauselum 2	Mau.2.2	Mau.2.2	0.00000	3.63400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
11	Mauselum 2	Mau.2.3	Mau.2.3	0.00000	3.46900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
12	Mauselum 3	Mau.3.1	Mau.3.1	0.00000	2.59100	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
13	Mauselum 3	Mau.3.2	Mau.3.2	0.00000	2.35700	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
14	Mauselum 3	Mau.3.3	Mau.3.3	0.00000	2.15300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
15	Highgate Chapel	HGC.1	HGC.1	0.00000	24.79400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
16	Highgate Chapel	HGC.2	HGC.2	0.00000	6.58400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
17	Highgate Chapel	HGC.3	HGC.3	0.00000	24.41700	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
18	Highgate Chapel	HGC.4	HGC.4	0.00000	2.93800	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
19	Highgate Chapel	HGC.5	HGC.5	0.00000	4.66100	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
20	Highgate Chapel	HGC.6	HGC.6	0.00000	3.10800	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
21	Highgate Chapel	HGC.7	HGC.7	0.00000	4.61000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
22	Highgate Chapel	HGC.8	HGC.8	0.00000	4.94200	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
23	Highgate Chapel	HGC.9	HGC.9	0.00000	5.13300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
24	Highgate Chapel	HGC.10	HGC.10	0.00000	4.94200	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
25	Highgate Chapel	HGC.11	HGC.11	0.00000	5.13300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
26	81 Swain's Ln	81.SL.1	81.SL.1	0.00000	10.37600	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
27	81 Swain's Ln	81.SL.2	81.SL.2	0.00000	6.10300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
28	81 Swain's Ln	81.SL.3	81.SL.3	0.00000	10.57300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
29	81 Swain's Ln	81.SL.4	81.SL.4	0.00000	6.22400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
30	81 Swain's Ln	81.SL.5	81.SL.5	0.00000	8.62500	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
31	81 Swain's Ln	81.SL.6	81.SL.6	0.00000	4.80300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
32	81 Swain's Ln	81.SL.7	81.SL.7	0.00000	8.57100	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
33	81 Swain's Ln	81.SL.8	81.SL.8	0.00000	4.93100	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
34	79 Swain's Ln	79.SL.1	79.SL.1	0.00000	18.36900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
35	79 Swain's Ln	79.SL.2	79.SL.2	0.00000	9.00600	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
36	79 Swain's Ln	79.SL.3	79.SL.3	0.00000	11.35000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
37	79 Swain's Ln	79.SL.4	79.SL.4	0.00000	4.40000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
38	79 Swain's Ln	79.SL.5	79.SL.5	0.00000	6.49400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
39	184 to 210 Oakeshott Ave	184to210.OA.1	184to210.OA.1	0.00000	1.16700	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
40	184 to 210 Oakeshott Ave	184to210.OA.2	184to210.OA.2	0.00000	8.95400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
41	184 to 210 Oakeshott Ave	184to210.OA.3	184to210.OA.3	0.00000	3.82000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
42	Existing Tunnel Wall Gardeners Compound	ETWGCC.1	ETWGCC.1	0.00000	8.28400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
43	Existing Tunnel Wall Gardeners Compound	ETWGCC.2	ETWGCC.2	0.00000	2.87000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
44	Existing Tunnel Wall Gardeners Compound	ETWGCC.3	ETWGCC.3	0.00000	8.62700	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
45	Existing Tunnel Wall Highgate Chapel	ETWHGCC.1	ETWHGCC.1	0.00000	4.03400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
46	Existing Tunnel Wall Highgate Chapel	ETWHGCC.2	ETWHGCC.2	0.00000	3.23100	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
47	Existing Tunnel Wall Highgate Chapel	ETWHGCC.3	ETWHGCC.3	0.00000	2.79400	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
48	Swain's Ln West Wall	SL.WW.1	SL.WW.1	0.00000	5.54500	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
49	Swain's Ln West Wall	SL.WW.2	SL.WW.2	0.00000	4.46000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
50	Swain's Ln West Wall	SL.WW.3	SL.WW.3	0.00000	3.99700	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
51	Swain's Ln West Wall	SL.WW.4	SL.WW.4	0.00000	3.69600	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
52	Swain's Ln West Wall	SL.WW.5	SL.WW.5	0.00000	14.98000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
53	Swain's Ln West Wall	SL.WW.6	SL.WW.6	0.00000	11.82000	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
54	Swain's Ln West Wall	SL.WW.7	SL.WW.7	0.00000	18.30200	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
55	Swain's Ln West Wall	SL.WW.8	SL.WW.8	0.00000	6.29600	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
56	Swain's Ln East Wall	SL.EW.1	SL.EW.1	0.00000	6.21900	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
57	Swain's Ln East Wall	SL.EW.2	SL.EW.2	0.00000	10.39100	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
58	Swain's Ln East Wall	SL.EW.3	SL.EW.3	0.00000	8.31300	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
59	Swain's Ln East Wall	SL.EW.4	SL.EW.4	0.00000	10.82200	0.0	0.10000	Burland Strain Limits	0.20000	2.6000
60	Swain's Ln East Wall	SL.EW.5	SL.EW.5	0.00000	26.04500	0.0	0.10000	Burland Strain Limits	0.20000	2.6000

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Printed 05-Nov-2024

Time 17:55

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B2										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
Made by PES				Date 01-Nov-2024		Checked		Date							
Ref.	Building Name	Sub-Building Name	Displacement Line	Distance Along Line: Start	Distance Along Line: End	Vertical Offsets from Line for Vertical	Vertical Displacement Limit	Damage Category Strains	Poisson's Ratio	E/G					
Specific Buildings - Bending Parameters															
Ref.	Building Name	Sub-Building Name	Height Default	Hogging: 2nd Mom. of Area (per unit width)	Hogging: Dist. of Bending Strain from N.A.	Hogging: Dist. of N.A. from Edge of Beam in Tension	Sagging: 2nd Mom. of Area (per unit width)	Sagging: Dist. of Bending Strain from N.A.	Sagging: Dist. of N.A. from Edge of Beam in Tension						
			[m]	[m³]	[m]	[m]	[m³]	[m]	[m]						
1	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000					
2	Mausoleum of Lord Dalziel of Wooler	Mau.1.2	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000					
3	Mausoleum of Lord Dalziel of Wooler	Mau.1.3	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000					
4	Mausoleum of Lord Dalziel of Wooler	Mau.1.4	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000					
5	Small Ticket Kiosk	STK.1.1	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000					
6	Small Ticket Kiosk	STK.1.2	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000					
7	Small Ticket Kiosk	STK.1.3	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000					
8	Small Ticket Kiosk	STK.1.4	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000					
9	Mauselum 2	Mau.2.1	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000					
10	Mauselum 2	Mau.2.2	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000					
11	Mauselum 2	Mau.2.3	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000					
12	Mauselum 3	Mau.3.1	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000					
13	Mauselum 3	Mau.3.2	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000					
14	Mauselum 3	Mau.3.3	5.0000	Yes	41.667	5.0000	5.0000	10.417	2.5000	2.5000					
15	Highgate Chapel	HGC.1	13.0000	Yes	732.33	13.0000	13.0000	183.08	6.5000	6.5000					
16	Highgate Chapel	HGC.2	13.0000	Yes	732.33	13.0000	13.0000	183.08	6.5000	6.5000					
17	Highgate Chapel	HGC.3	13.0000	Yes	732.33	13.0000	13.0000	183.08	6.5000	6.5000					
18	Highgate Chapel	HGC.4	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
19	Highgate Chapel	HGC.5	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
20	Highgate Chapel	HGC.6	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
21	Highgate Chapel	HGC.7	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
22	Highgate Chapel	HGC.8	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
23	Highgate Chapel	HGC.9	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
24	Highgate Chapel	HGC.10	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
25	Highgate Chapel	HGC.11	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
26	81 Swain's Ln	81.SL.1	9.0000	Yes	243.00	9.0000	9.0000	60.750	4.5000	4.5000					
27	81 Swain's Ln	81.SL.2	9.0000	Yes	243.00	9.0000	9.0000	60.750	4.5000	4.5000					
28	81 Swain's Ln	81.SL.3	9.0000	Yes	243.00	9.0000	9.0000	60.750	4.5000	4.5000					
29	81 Swain's Ln	81.SL.4	9.0000	Yes	243.00	9.0000	9.0000	60.750	4.5000	4.5000					
30	81 Swain's Ln	81.SL.5	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000					
31	81 Swain's Ln	81.SL.6	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000					
32	81 Swain's Ln	81.SL.7	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000					
33	81 Swain's Ln	81.SL.8	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	2.0000					
34	79 Swain's Ln	79.SL.1	10.0000	Yes	333.33	10.0000	10.0000	83.333	5.0000	5.0000					
35	79 Swain's Ln	79.SL.2	10.0000	Yes	333.33	10.0000	10.0000	83.333	5.0000	5.0000					
36	79 Swain's Ln	79.SL.3	10.0000	Yes	333.33	10.0000	10.0000	83.333	5.0000	5.0000					
37	79 Swain's Ln	79.SL.4	10.0000	Yes	333.33	10.0000	10.0000	83.333	5.0000	5.0000					
38	79 Swain's Ln	79.SL.5	10.0000	Yes	333.33	10.0000	10.0000	83.333	5.0000	5.0000					
39	184 to 210 Oakeshott Ave	184to210.OA.1	15.0000	Yes	1125.0	15.0000	15.0000	281.25	7.5000	7.5000					
40	184 to 210 Oakeshott Ave	184to210.OA.2	15.0000	Yes	1125.0	15.0000	15.0000	281.25	7.5000	7.5000					
41	184 to 210 Oakeshott Ave	184to210.OA.3	15.0000	Yes	1125.0	15.0000	15.0000	281.25	7.5000	7.5000					
42	Existing Tunnel Wall Gardeners Compound	ETWGC.1	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000					
43	Existing Tunnel Wall Gardeners Compound	ETWGC.2	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000					
44	Existing Tunnel Wall Gardeners Compound	ETWGC.3	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000					
45	Existing Tunnel Wall Highgate Chapel	ETWHGC.1	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000					
46	Existing Tunnel Wall Highgate Chapel	ETWHGC.2	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000					
47	Existing Tunnel Wall Highgate Chapel	ETWHGC.3	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	1.5000					
48	Swain's Ln West Wall	SL.WW.1	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
49	Swain's Ln West Wall	SL.WW.2	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
50	Swain's Ln West Wall	SL.WW.3	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
51	Swain's Ln West Wall	SL.WW.4	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
52	Swain's Ln West Wall	SL.WW.5	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
53	Swain's Ln West Wall	SL.WW.6	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
54	Swain's Ln West Wall	SL.WW.7	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
55	Swain's Ln West Wall	SL.WW.8	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
56	Swain's Ln East Wall	SL.EW.1	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
57	Swain's Ln East Wall	SL.EW.2	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
58	Swain's Ln East Wall	SL.EW.3	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
59	Swain's Ln East Wall	SL.EW.4	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
60	Swain's Ln East Wall	SL.EW.5	2.0000	Yes	2.6667	2.0000	2.0000	0.66667	1.0000	1.0000					
Warnings															
1	Multiple excavations have been specified. Displacements resulting from each excavation are summed with no account taken of the interactions between excavations (e.g. overlapping zones of influence or 'shielding' of one excavation by another).														
Errors															
None															
Displacement Results - Displacement Lines															
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δθ//	δθperp. Angle			
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[°]			
0	Base Model 1		Mau.1.1	0.0	54.90000	46.85000	85.00000	-1.8193	-1.3138	2.5287	-1.4822	-1.6849 347.17 *			
				0.51052	55.39778	46.73667	85.00000	-1.7183	-1.1628	2.4041	-1.4173	-1.5153 347.17 *			
				1.02010	55.89556	46.62333	85.00000	-1.6100	-1.0218	2.2831	-1.3430	-1.3537 347.17 *			
				1.5315	56.39333	46.51000	85.00000	-1.4947	-0.89029	2.1659	-1.2598	-1.1999 347.17 *			
				2.0421	56.89111	46.39667	85.00000	-1.3755	-0.76940	2.0532	-1.1704	-1.0556 347.17 *			
				2.5526	57.38889	46.28333	85.00000	-1.2585	-0.66193	1.9457	-1.0802	-0.92480 347.17 *			
				3.0631	57.88667	46.17000	85.00000	-1.1331	-0.56124	1.8413	-0.98024	-0.79878 347.17 *			
				3.5736	58.38444	46.05667	85.00000	-0.99974	-0.46697	1.7395	-0.87113	-0.67725 347.17 *			
				4.0841	58.88222	45.94333	85.00000	-0.85887	-0.37878	1.6400	-0.75335	-0.55999 347.17 *			
				4.5946	59.38000	45.83000	85.00000	-0.71090	-0.29632	1.5421	-0.62738	-0.44674 347.17 *			
				5.1051	59.87778	45.71667	85.00000	-0.56397	-0.21576	1.4396	-0.51806	-0.36814 76.133 *			
				5.6156	60.37556	45.60333	85.00000	-0.41704	-0.13501	1.3214	-0.40837	-0.27709 76.133 *			
				6.1261	60.87333	45.49000	85.00000	-0.27011	-0.05456	1.2000	-0.29800	-0.18800 76.133 *			
				6.6366	61.37111	45.37667	85.00000	-0.12318	0.02556	1.0777	-0.18498	-0.09809 76.133 *			
				7.1471	61.86889	45.26333	85.00000	0.02383	0.	0.2000	0.	0.76.133 *			
				7.6576	62.36667	45.15000	85.00000	0.00000	0.	0.2000	0.	0.76.133 *			
				8.1681	62.86444	45.03667	85.00000	0.00000	0.	0.84683	0.0	0.76.133 *			
				8.6786	63.36222	44.92333	85.00000	0.00000	0.	0.77265	0.0	0.76.133 *			
				9.1891	63.86000	44.81000	85.00000	0.00000	0.	0.77265	0.0	0.166.06 *			
				9.6996	64.35778	44.69667	85.00000	0.00000	0.	0.83933	0.0	0.166.06 *			
				1.0052	59.38444	45.85222	85.00000	0.00000	0.	0.90461	0.0	0.166.06 *			
				1.5078	59.09667	50.97333	85.00000	0.00000	0.	0.96842	0.0	0.166.06 *			
				2.0104	58.60889	51.09444	85.00000	-0.011569	-0.0098466	1.0372	0.0088549	0.012344 166.06 *			
				2.5129	58.12111	51.21556	85.00000	-0.071848	-0.063983	1.1136	0.054313	0.079411 166.06 *			
				3.0155	57.63333	51.33667	85.00000	-0.12920	-0.12040	1.1855	0.096379	0.14799 166.06 *			
				3.5181	57.14556	51.45778	85.0000								



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δs//	δsperp.	Angle
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
				1.5041	55.78900	50.24500	85.00000	-0.76979	-0.74947	1.6883	0.92002	-0.55483	255.33
				2.0054	55.66200	49.76000	85.00000	-0.91347	-0.85979	1.7953	1.0631	-0.66588	255.33
				2.5069	55.53500	49.27500	85.00000	-1.0590	-0.96132	1.9060	1.1982	-0.78093	255.33
				3.0081	55.40800	48.79000	85.00000	-1.2065	-1.0535	2.0211	1.3247	-0.90030	255.33
				3.5095	55.28100	48.30500	85.00000	-1.3562	-1.1355	2.1409	1.4420	-1.0243	255.33
				4.0108	55.15400	47.82000	85.00000	-1.5081	-1.2068	2.2656	1.5495	-1.1532	255.33
				4.5122	55.02700	47.33500	85.00000	-1.6624	-1.2665	2.3949	1.6464	-1.2874	255.33
				5.0135	54.90000	46.85000	85.00000	-1.8193	-1.3138	2.5287	1.7318	-1.4271	255.33
	5	STK.1.1		0.0	35.76000	61.70000	85.00000	0.0	0.0	0.78696	0.0	0.0	352.58
				0.51305	36.26875	61.63375	85.00000	0.0	0.0	0.79815	0.0	0.0	352.58
				1.0261	36.77750	61.56750	85.00000	0.0	0.0	0.80932	0.0	0.0	352.58
				1.5391	37.28625	61.50125	85.00000	0.0	0.0	0.82046	0.0	0.0	352.58
				2.0522	37.79500	61.43500	85.00000	0.0	0.0	0.83157	0.0	0.0	352.58
				2.5652	38.30375	61.36875	85.00000	0.0	0.0	0.84265	0.0	0.0	352.58
				3.0783	38.81250	61.30250	85.00000	0.0	0.0	0.85369	0.0	0.0	352.58
				3.5913	39.32125	61.23625	85.00000	0.0	0.0	0.86470	0.0	0.0	352.58
				4.1044	39.83000	61.17000	85.00000	0.0	0.0	0.87568	0.0	0.0	352.58
	6	STK.1.2		0.0	39.83000	61.17000	85.00000	0.0	0.0	0.87568	0.0	0.0	262.69
				0.45872	39.77167	60.71500	85.00000	0.0	0.0	0.96887	0.0	0.0	262.69
				0.91745	39.71333	60.26000	85.00000	-0.0015653	-0.066753	1.0792	0.066411	0.0069361	262.69
				1.3762	39.65500	59.80500	85.00000	-0.0052938	-0.22577	1.1984	0.22461	0.023458	262.69
				1.8349	39.59667	59.35000	85.00000	-0.0099473	-0.42422	1.3121	0.42204	0.044079	262.69
				2.2936	39.53833	58.89500	85.00000	-0.015588	-0.66480	1.4233	0.66139	0.069077	262.69
				2.7523	39.48000	58.44000	85.00000	-0.021249	-0.90620	1.5345	0.90155	0.094160	262.69
	7	STK.1.3		0.0	39.48000	58.44000	85.00000	-0.021249	-0.90620	1.5345	-0.093769	0.90159	172.72
				0.51289	38.97125	58.05000	85.00000	-0.020907	-0.89152	1.5345	-0.092260	0.88708	172.72
				1.0258	38.46250	58.57000	85.00000	-0.020548	-0.87632	1.5124	-0.090677	0.87186	172.72
				1.5387	37.95375	58.63500	85.00000	-0.020173	-0.86030	1.5011	-0.089020	0.85592	172.72
				2.0515	37.44500	58.70000	85.00000	-0.019481	-0.83081	1.4879	-0.085968	0.82658	172.72
				2.5644	36.93625	58.76500	85.00000	-0.018304	-0.78062	1.4718	-0.080774	0.77664	172.72
				3.0773	36.42750	58.83000	85.00000	-0.017171	-0.73171	1.4557	-0.075714	0.72790	172.72
				3.5902	35.91875	58.89500	85.00000	-0.016041	-0.68410	1.4397	-0.070787	0.68061	172.72
	8	STK.1.4		4.1031	35.41000	58.96000	85.00000	-0.014954	-0.63776	1.4238	-0.065992	0.63452	172.72
				0.0	35.41000	58.96000	85.00000	-0.014954	-0.63776	1.4238	-0.63452	-0.065976	82.721
				0.46038	35.46833	59.41667	85.00000	-0.0096340	-0.41086	1.3141	-0.40877	-0.042503	82.721
				0.92075	35.52667	59.87333	85.00000	-0.0091462	-0.40835	1.2020	-0.40835	-0.022704	82.721
				1.3811	35.58500	60.33000	85.00000	-0.0016698	-0.071213	1.0848	-0.070851	-0.0073669	82.721
				1.8415	35.64333	60.78667	85.00000	0.0	0.0	0.97364	0.0	0.0	82.721
				2.3019	35.70167	61.24333	85.00000	0.0	0.0	0.88018	0.0	0.0	82.721
				2.7623	35.76000	61.70000	85.00000	0.0	0.0	0.78896	0.0	0.0	82.721
	9	Mau.2.1		0.0	50.12000	72.10000	85.00000	0.0	0.0	-0.009717	0.0	0.0	261.83
				0.47482	50.05250	71.63000	85.00000	0.0	0.0	-0.0099119	0.0	0.0	261.83
				0.94964	49.98500	71.16000	85.00000	0.0	0.0	-0.010046	0.0	0.0	261.83
				1.4245	49.91750	70.69000	85.00000	0.0	0.0	-0.010172	0.0	0.0	261.83
				1.8993	49.85000	70.22000	85.00000	0.0	0.0	-0.010289	0.0	0.0	261.83
				2.3741	49.78250	69.75000	85.00000	0.0	0.0	-0.010396	0.0	0.0	261.83
				2.8489	49.71500	69.28000	85.00000	0.0	0.0	-0.010490	0.0	0.0	261.83
				3.3238	49.64750	68.81000	85.00000	0.0	0.0	-0.010569	0.0	0.0	261.83
				3.7986	49.58000	68.34000	85.00000	0.0	0.0	-0.010630	0.0	0.0	261.83
	10	Mau.2.2		0.0	49.58000	68.34000	85.00000	0.0	0.0	-0.010630	0.0	0.0	174.95
				0.51916	49.06286	68.38571	85.00000	0.0	0.0	-0.010644	0.0	0.0	174.95
				1.0383	48.54571	68.43143	85.00000	0.0	0.0	-0.010655	0.0	0.0	174.95
				1.5575	48.02857	68.47714	85.00000	0.0	0.0	-0.010664	0.0	0.0	174.95
				2.0766	47.51143	68.52286	85.00000	0.0	0.0	-0.010671	0.0	0.0	174.95
				2.5958	46.99429	68.56857	85.00000	0.0	0.0	-0.010676	0.0	0.0	174.95
				3.1150	46.47714	68.61429	85.00000	0.0	0.0	-0.010680	0.0	0.0	174.95
				3.6341	45.96000	68.66000	85.00000	0.0	0.0	-0.010683	0.0	0.0	174.95
	11	Mau.2.3		0.0	45.96000	68.66000	85.00000	0.0	0.0	-0.010683	0.0	0.0	82.547
				0.49562	46.02429	69.15143	85.00000	0.0	0.0	-0.010651	0.0	0.0	82.547
				0.99123	46.08857	69.64286	85.00000	0.0	0.0	-0.010595	0.0	0.0	82.547
				1.4868	46.15286	70.13429	85.00000	0.0	0.0	-0.010519	0.0	0.0	82.547
				1.9825	46.21714	70.62571	85.00000	0.0	0.0	-0.010425	0.0	0.0	82.547
				2.4781	46.28143	71.11714	85.00000	0.0	0.0	-0.010316	0.0	0.0	82.547
				2.9737	46.34571	71.60857	85.00000	0.0	0.0	-0.010195	0.0	0.0	82.547
				3.4693	46.41000	72.10000	85.00000	0.0	0.0	-0.010063	0.0	0.0	82.547
	12	Mau.3.1		0.0	39.34000	72.10000	85.00000	0.0	0.0	-0.010290	0.0	0.0	259.77
				0.51823	39.24800	71.59000	85.00000	0.0	0.0	-0.010402	0.0	0.0	259.77
				1.0365	39.15600	71.08000	85.00000	0.0	0.0	-0.010498	0.0	0.0	259.77
				1.5547	39.06400	70.57000	85.00000	0.0	0.0	-0.010576	0.0	0.0	259.77
				2.0729	38.97200	70.06000	85.00000	0.0	0.0	-0.010630	0.0	0.0	259.77
				2.5912	38.88000	69.55000	85.00000	0.0	0.0	-0.010658	0.0	0.0	259.77
	13	Mau.3.2		0.0	38.88000	69.55000	85.00000	0.0	0.0	-0.010658	0.0	0.0	169.74
				0.47154	38.41600	69.63400	85.00000	0.0	0.0	-0.010653	0.0	0.0	169.74
				0.94308	37.95200	69.71800	85.00000	0.0	0.0	-0.010647	0.0		

Oasys														Job No.		Sheet No.		Rev.	
A-SQUARED STUDIO														3500					
ENGINEERS LTD																			
Highgate Cemetery														Drg. Ref.					
B2																			
Stage: Ref.		Stage: Name		Disp. Line: Ref.		Disp. Line: Name		Chainage	x	y	z	δx	δy	δz	δs//	δsperp.	Angle		
								[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]		
								23.803	14.14600	48.34960	85.00000	0.0	0.0	0.74320	0.0	0.0	266.18	*	
								24.299	14.11300	47.85480	85.00000	0.0	0.0	0.78364	0.0	0.0	266.18	*	
								24.795	14.08000	47.36000	85.00000	0.0	0.0	0.82202	0.0	0.0	266.18	*	
								0.0	14.08000	47.36006	85.00000	0.0	0.0	0.82202	0.0	0.0	176.17	*	
								0.50652	13.57462	47.39385	85.00000	0.0	0.0	0.72651	0.0	0.0	176.17	*	
								1.0130	13.06923	47.42769	85.00000	0.0	0.0	0.63086	0.0	0.0	176.17	*	
								1.5196	12.56385	47.46154	85.00000	0.0	0.0	0.53505	0.0	0.0	176.17	*	
								2.0261	12.05846	47.49538	85.00000	0.0	0.0	0.43919	0.0	0.0	176.17	*	
								2.5326	11.55308	47.52923	85.00000	0.0	0.0	0.34299	0.0	0.0	176.17	*	
								3.0391	11.04769	47.56308	85.00000	0.0	0.0	0.24675	0.0	0.0	176.17	*	
								3.5456	10.54231	47.59692	85.00000	0.0	0.0	0.15036	0.0	0.0	176.17	*	
								4.0521	10.03692	47.63077	85.00000	0.0	0.0	0.053833	0.0	0.0	176.17	*	
								4.5587	9.53154	47.66462	85.00000	0.0	0.0	-0.0098366	0.0	0.0	176.17	*	
								5.0652	9.02615	47.69846	85.00000	0.0	0.0	-0.010064	0.0	0.0	176.17	*	
								5.5717	8.52077	47.73231	85.00000	0.0	0.0	-0.010235	0.0	0.0	176.17	*	
								6.0782	8.01538	47.76615	85.00000	0.0	0.0	-0.010357	0.0	0.0	176.17	*	
								6.5847	7.51000	47.80000	85.00000	0.0	0.0	-0.010435	0.0	0.0	176.17	*	
								0.49831	7.55878	48.29592	85.00000	0.0	0.0	-0.010475	0.0	0.0	84.383	*	
								0.99662	7.60755	48.79184	85.00000	0.0	0.0	-0.010458	0.0	0.0	84.383	*	
								1.4949	7.65633	49.28776	85.00000	0.0	0.0	-0.010467	0.0	0.0	84.383	*	
								1.9932	7.70510	49.78367	85.00000	0.0	0.0	-0.010472	0.0	0.0	84.383	*	
								2.4916	7.75388	50.27959	85.00000	0.0	0.0	-0.010475	0.0	0.0	84.383	*	
								2.9899	7.80265	50.77551	85.00000	0.0	0.0	-0.010475	0.0	0.0	84.383	*	
								3.4882	7.85143	51.27143	85.00000	0.0	0.0	-0.010471	0.0	0.0	84.383	*	
								3.9865	7.90020	51.76735	85.00000	0.0	0.0	-0.010464	0.0	0.0	84.383	*	
								4.4848	7.94898	52.26327	85.00000	0.0	0.0	-0.010453	0.0	0.0	84.383	*	
								4.9831	7.99776	52.75918	85.00000	0.0	0.0	-0.010438	0.0	0.0	84.383	*	
								5.4814	8.04653	53.25510	85.00000	0.0	0.0	-0.010418	0.0	0.0	84.383	*	
								5.9797	8.09531	53.75102	85.00000	0.0	0.0	-0.010395	0.0	0.0	84.383	*	
								6.4780	8.14408	54.24694	85.00000	0.0	0.0	-0.010367	0.0	0.0	84.383	*	
								6.9764	8.19286	54.74286	85.00000	0.0	0.0	-0.010334	0.0	0.0	84.383	*	
								7.4747	8.24163	55.23878	85.00000	0.0	0.0	-0.010297	0.0	0.0	84.383	*	
								7.9730	8.29041	55.73469	85.00000	0.0	0.0	-0.010256	0.0	0.0	84.383	*	
								8.4713	8.33918	56.23061	85.00000	0.0	0.0	-0.010210	0.0	0.0	84.383	*	
								8.9696	8.38796	56.72653	85.00000	0.0	0.0	-0.010160	0.0	0.0	84.383	*	
								9.4679	8.43673	57.22245	85.00000	0.0	0.0	-0.010106	0.0	0.0	84.383	*	
								9.9662	8.48551	57.71837	85.00000	0.0	0.0	-0.010047	0.0	0.0	84.383	*	
								10.465	8.53429	58.21429	85.00000	0.0	0.0	-0.0099842	0.0	0.0	84.383	*	
								10.963	8.58306	58.71020	85.00000	0.0	0.0	-0.0099174	0.0	0.0	84.383	*	
								11.461	8.63184	59.20612	85.00000	0.0	0.0	-0.0098467	0.0	0.0	84.383	*	
								11.959	8.68061	59.70204	85.00000	0.0	0.0	-0.0097723	0.0	0.0	84.383	*	
								12.458	8.72939	60.19796	85.00000	0.0	0.0	-0.0096942	0.0	0.0	84.383	*	
								12.956	8.77816	60.69388	85.00000	0.0	0.0	-0.0096128	0.0	0.0	84.383	*	
								13.454	8.82694	61.18980	85.00000	0.0	0.0	-0.0095282	0.0	0.0	84.383	*	
								13.953	8.87571	61.68571	85.00000	0.0	0.0	-0.0094405	0.0	0.0	84.383	*	
								14.451	8.92449	62.18163	85.00000	0.0	0.0	-0.0093499	0.0	0.0	84.383	*	
								14.949	8.97327	62.67755	85.00000	0.0	0.0	-0.0092567	0.0	0.0	84.383	*	
								15.448	9.02204	63.17347	85.00000	0.0	0.0	-0.0091609	0.0	0.0	84.383	*	
								15.946	9.07082	63.66939	85.00000	0.0	0.0	-0.0090629	0.0	0.0	84.383	*	
								16.444	9.11959	64.16531	85.00000	0.0	0.0	-0.0089628	0.0	0.0	84.383	*	
								16.943	9.16837	64.66122	85.00000	0.0	0.0	-0.0088607	0.0	0.0	84.383	*	
								17.441	9.21714	65.15714	85.00000	0.0	0.0	-0.0087569	0.0	0.0	84.383	*	
								17.939	9.26592	65.65306	85.00000	0.0	0.0	-0.0086516	0.0	0.0	84.383	*	
								18.438	9.31469	66.14898	85.00000	0.0	0.0	-0.0085449	0.0	0.0	84.383	*	
								18.936	9.36347	66.64490	85.00000	0.0	0.0	-0.0084382	0.0	0.0	84.383	*	
								19.434	9.41224	67.14082	85.00000	0.0	0.0	-0.0083282	0.0	0.0	84.383	*	
								19.932	9.46102	67.63673	85.00000	0.0	0.0	-0.0082184	0.0	0.0	84.383	*	
								20.431	9.50980	68.13265	85.00000	0.0	0.0	-0.0081080	0.0	0.0	84.383	*	
								20.929	9.55857	68.62857	85.00000	0.0	0.0	-0.0079970	0.0	0.0	84.383	*	
								21.427	9.60735	69.12449	85.00000	0.0	0.0	-0.0078857	0.0	0.0	84.383	*	
								21.926	9.65612	69.62041	85.00000	0.0	0.0	-0.0077740	0.0	0.0	84.383	*	
								22.424	9.70490	70.11633	85.00000	0.0	0.0	-0.0076623	0.0	0.0	84.383	*	
								22.922	9.75367	70.61224	85.00000	0.0	0.0	-0.0075506	0.0	0.0	84.383	*	
								23.421	9.80245	7									

A-SQUARED STUDIO													Job No.	Sheet No.	Rev.	
ENGINEERS LTD													3500			
Highgate Cemetery													Drg. Ref.			
B2													Made by PES	Date 01-Nov-2024	Checked	Date
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δs//	δsperp.	Angle			
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]			
				3.4600	20.63100	38.50600	85.00000	3.6019	0.10471	3.4413	-2.6032	2.4915	225.41	*		
				3.9542	20.28400	38.15400	85.00000	3.4497	0.19572	3.2721	-2.5612	2.3193	225.41	*		
				4.4485	19.93700	37.80200	85.00000	3.2881	0.27027	3.1046	-2.5008	2.1519	225.41	*		
				4.9428	19.59000	37.45000	85.00000	3.1183	0.31183	2.9414	-2.4112	2.0018	225.41	*		
	25	HGC.11		0.0	19.59000	37.45000	85.00000	3.1183	0.31183	2.9414	-2.0045	-2.4090	135.47	*		
				0.51338	19.22400	37.81000	85.00000	2.9103	0.22571	2.7930	-1.9166	-2.2017	135.47	*		
				1.0268	18.85800	38.17000	85.00000	2.7032	0.13602	2.6496	-1.8318	-1.9925	135.47	*		
				1.5401	18.49200	38.53000	85.00000	2.4966	0.059805	2.5105	-1.7380	-1.7934	135.47	*		
				2.0535	18.12600	38.89000	85.00000	2.2909	-0.0035223	2.3764	-1.6357	-1.6040	135.47	*		
				2.5669	17.76000	39.25000	85.00000	2.0861	-0.054590	2.2474	-1.5255	-1.4240	135.47	*		
				3.0803	17.39400	39.61000	85.00000	1.8824	-0.094031	2.1236	-1.4080	-1.2530	135.47	*		
				3.5936	17.02800	39.97000	85.00000	1.6798	-0.12248	2.0051	-1.2835	-1.0906	135.47	*		
				4.1070	16.66200	40.33000	85.00000	1.4783	-0.14054	1.8915	-1.1525	-0.93647	135.47	*		
				4.6204	16.29600	40.69000	85.00000	1.2780	-0.14881	1.7823	-1.0155	-0.79008	135.47	*		
				5.1338	15.93000	41.05000	85.00000	1.0787	-0.14785	1.6768	-0.87272	-0.65102	135.47	*		
	26	81.SL.1		0.0	12.32000	22.91000	85.00000	0.0	0.0	0.30849	0.0	0.0	87.901	*		
				0.49414	12.33810	23.40381	85.00000	0.0	0.0	0.35286	0.0	0.0	87.901	*		
				0.98828	12.35619	23.89762	85.00000	0.0	0.0	0.39546	0.0	0.0	87.901	*		
				1.4824	12.37429	24.39143	85.00000	0.0	0.0	0.43626	0.0	0.0	87.901	*		
				1.9766	12.39238	24.88524	85.00000	0.0	0.0	0.47519	0.0	0.0	87.901	*		
				2.4707	12.41048	25.37905	85.00000	0.0	0.0	0.51219	0.0	0.0	87.901	*		
				2.9648	12.42857	25.87286	85.00000	0.0	0.0	0.54723	0.0	0.0	87.901	*		
				3.4590	12.44667	26.36687	85.00000	0.0	0.0	0.58025	0.0	0.0	87.901	*		
				3.9531	12.46476	26.86048	85.00000	0.0	0.0	0.61120	0.0	0.0	87.901	*		
				4.4473	12.48286	27.35429	85.00000	0.0	0.0	0.64003	0.0	0.0	87.901	*		
				4.9414	12.50095	27.84810	85.00000	0.0	0.0	0.66670	0.0	0.0	87.901	*		
				5.4356	12.51905	28.34190	85.00000	0.0	0.0	0.69116	0.0	0.0	87.901	*		
				5.9297	12.53714	28.83571	85.00000	0.0	0.0	0.71338	0.0	0.0	87.901	*		
				6.4238	12.55524	29.32952	85.00000	0.0	0.0	0.73330	0.0	0.0	87.901	*		
				6.9180	12.57333	29.82333	85.00000	0.0	0.0	0.75090	0.0	0.0	87.901	*		
				7.4121	12.59143	30.31714	85.00000	0.0	0.0	0.76614	0.0	0.0	87.901	*		
				7.9063	12.60952	30.81095	85.00000	0.0	0.0	0.77997	0.0	0.0	87.901	*		
				8.4004	12.62762	31.30476	85.00000	0.0	0.0	0.79378	0.0	0.0	87.901	*		
				8.8945	12.64571	31.79857	85.00000	0.0	0.0	0.80757	0.0	0.0	87.901	*		
				9.3887	12.66381	32.29238	85.00000	0.0	0.0	0.82134	0.0	0.0	87.901	*		
				9.8828	12.68190	32.78619	85.00000	0.0	0.0	0.83510	0.0	0.0	87.901	*		
				10.377	12.70000	33.28000	85.00000	0.0	0.0	0.84883	0.0	0.0	87.901	*		
	27	81.SL.2		0.0	12.70000	33.28000	85.00000	0.0	0.0	0.84883	0.0	0.0	357.93	*		
				0.50866	13.20833	33.26167	85.00000	0.0	0.0	0.95160	0.0	0.0	357.93	*		
				1.0173	13.71667	33.24333	85.00000	0.057090	0.0057090	1.0700	0.056848	0.0077630	357.93	*		
				1.5260	14.22500	33.22500	85.00000	0.23876	0.023876	1.2028	0.23774	0.032466	357.93	*		
				2.0347	14.73333	33.20667	85.00000	0.46820	0.046820	1.3284	0.46621	0.063665	357.93	*		
				2.5433	15.24167	33.18833	85.00000	0.73513	0.073513	1.4510	0.73201	0.099961	357.93	*		
				3.0520	15.75000	33.17000	85.00000	1.0008	0.10008	1.5740	0.99656	0.13609	357.93	*		
				3.5606	16.25833	33.15167	85.00000	1.2655	0.12655	1.7008	1.2601	0.17207	357.93	*		
				4.0693	16.76667	33.13333	85.00000	1.5293	0.15293	1.8342	1.5228	0.20795	357.93	*		
				4.5780	17.27500	33.11500	85.00000	1.7926	0.17926	1.9764	1.7850	0.24375	357.93	*		
				5.0866	17.78333	33.09667	85.00000	2.0555	0.20555	2.1296	2.0468	0.27950	357.93	*		
				5.5953	18.29167	33.07833	85.00000	2.3183	0.23183	2.2953	2.3085	0.31524	357.93	*		
				6.1040	18.80000	33.06000	85.00000	2.5812	0.25812	2.4749	2.5703	0.35099	357.93	*		
	28	81.SL.3		0.0	18.80000	33.06000	85.00000	2.5812	0.25812	2.4749	-0.32395	2.5738	268.54	*		
				0.50850	18.78714	32.55667	85.00000	2.4887	0.24887	2.4392	-0.31235	2.4816	268.54	*		
				1.0070	18.77429	32.05333	85.00000	2.3977	0.23977	2.4042	-0.30092	2.3908	268.54	*		
				1.5105	18.76143	31.55000	85.00000	2.3082	0.23082	2.3699	-0.28968	2.3015	268.54	*		
				2.0140	18.74857	31.04667	85.00000	2.2201	0.22201	2.3362	-0.27863	2.2137	268.54	*		
				2.5175	18.73571	30.54333	85.00000	2.1343	0.21343	2.3076	-0.32143	2.1268	268.54	*		
				3.0210	18.72286	30.04000	85.00000	2.0430	0.31667	2.2750	-0.36873	2.0343	268.54	*		
				3.5245	18.71000	29.53667	85.00000	1.9465	0.36192	2.2376	-0.41151	1.9366	268.54	*		
				4.0280	18.69714	29.03333	85.00000	1.8456	0.40213	2.1958	-0.44913	1.8347	268.54	*		
				4.5315	18.68429	28.53000	85.00000	1.7410	0.43671	2.1501	-0.48103	1.7293	268.54	*		
				5.0350	18.67143	28.02667	85.00000	1.6336	0.46515	2.1008	-0.50671	1.6211	268.54	*		
				5.5385	18.65857	27.52333	85.00000	1.5239	0.48702	2.0484	-0.52578	1.5109	268.54	*		
				6.0420	18.64571	27.02000	85.00000	1.4126	0.50196	1.9934	-0.53787	1.3993	268.54	*		
			</													

Oasys												Job No.		Sheet No.		Rev.	
A-SQUARED STUDIO												3500					
ENGINEERS LTD																	
Highgate Cemetery												Drg. Ref.					
B2												Made by PES		Date 01-Nov-2024		Checked Date	
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δs//	δsperp.	Angle				
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]				
				8.0677	3.36412	21.58941	85.00000	0.0	0.0	-0.0097791	0.0	0.0	178.80	*			
				8.5719	2.86000	21.60000	85.00000	0.0	0.0	-0.0096421	0.0	0.0	178.80	*			
		33	81.SL.8	0.0	2.86000	21.60000	85.00000	0.0	0.0	-0.0096421	0.0	0.0	88.490	*			
				0.49317	2.87300	22.09300	85.00000	0.0	0.0	-0.0097016	0.0	0.0	88.490	*			
				0.98634	2.88600	22.58600	85.00000	0.0	0.0	-0.0097584	0.0	0.0	88.490	*			
				1.4795	2.89900	23.07900	85.00000	0.0	0.0	-0.0098127	0.0	0.0	88.490	*			
				1.9727	2.91200	23.57200	85.00000	0.0	0.0	-0.0098643	0.0	0.0	88.490	*			
				2.4659	2.92500	24.06500	85.00000	0.0	0.0	-0.0099133	0.0	0.0	88.490	*			
				2.9590	2.93800	24.55800	85.00000	0.0	0.0	-0.0099596	0.0	0.0	88.490	*			
				3.4522	2.95100	25.05100	85.00000	0.0	0.0	-0.0100003	0.0	0.0	88.490	*			
				3.9454	2.96400	25.54400	85.00000	0.0	0.0	-0.0100444	0.0	0.0	88.490	*			
				4.4385	2.97700	26.03700	85.00000	0.0	0.0	-0.0100883	0.0	0.0	88.490	*			
				4.9317	2.99000	26.53000	85.00000	0.0	0.0	-0.010119	0.0	0.0	88.490	*			
		34	79.SL.1	0.0	0.00000	21.17000	85.00000	0.0	0.0	-0.0087342	0.0	0.0	358.19	*			
				0.49646	0.49622	21.15432	85.00000	0.0	0.0	-0.0088857	0.0	0.0	358.19	*			
				0.99293	0.99243	21.13865	85.00000	0.0	0.0	-0.0090360	0.0	0.0	358.19	*			
				1.4894	1.48865	21.12297	85.00000	0.0	0.0	-0.0091845	0.0	0.0	358.19	*			
				1.9859	1.98486	21.10730	85.00000	0.0	0.0	-0.0093307	0.0	0.0	358.19	*			
				2.4823	2.48108	21.09162	85.00000	0.0	0.0	-0.0094737	0.0	0.0	358.19	*			
				2.9788	2.97730	21.07595	85.00000	0.0	0.0	-0.0096130	0.0	0.0	358.19	*			
				3.4752	3.47351	21.06027	85.00000	0.0	0.0	-0.0097475	0.0	0.0	358.19	*			
				3.9717	3.96973	21.04459	85.00000	0.0	0.0	-0.0098764	0.0	0.0	358.19	*			
				4.4682	4.46595	21.02892	85.00000	0.0	0.0	-0.0099986	0.0	0.0	358.19	*			
				4.9646	4.96216	21.01324	85.00000	0.0	0.0	-0.010113	0.0	0.0	358.19	*			
				5.4611	5.45838	20.99757	85.00000	0.0	0.0	-0.010218	0.0	0.0	358.19	*			
				5.9576	5.95459	20.98189	85.00000	0.0	0.0	-0.010312	0.0	0.0	358.19	*			
				6.4540	6.45081	20.96622	85.00000	0.0	0.0	-0.010395	0.0	0.0	358.19	*			
				6.9505	6.94703	20.95054	85.00000	0.0	0.0	-0.010463	0.0	0.0	358.19	*			
				7.4470	7.44324	20.93486	85.00000	0.0	0.0	-0.010515	0.0	0.0	358.19	*			
				7.9434	7.93946	20.91919	85.00000	0.0	0.0	-0.010549	0.0	0.0	358.19	*			
				8.4399	8.43568	20.90351	85.00000	0.0	0.0	-0.010563	0.0	0.0	358.19	*			
				8.9363	8.93189	20.88784	85.00000	0.0	0.0	-0.010553	0.0	0.0	358.19	*			
				9.4328	9.42811	20.87216	85.00000	0.0	0.0	-0.010518	0.0	0.0	358.19	*			
				9.9293	9.92432	20.85649	85.00000	0.0	0.0	-0.010453	0.0	0.0	358.19	*			
				10.426	10.42054	20.84081	85.00000	0.0	0.0	-0.010356	0.0	0.0	358.19	*			
				10.922	10.91676	20.82514	85.00000	0.0	0.0	-0.010222	0.0	0.0	358.19	*			
				11.419	11.41297	20.80946	85.00000	0.0	0.0	-0.010048	0.0	0.0	358.19	*			
				11.915	11.90919	20.79378	85.00000	0.0	0.0	0.041380	0.0	0.0	358.19	*			
				12.412	12.40541	20.77811	85.00000	0.0	0.0	0.12649	0.0	0.0	358.19	*			
				12.908	12.90162	20.76243	85.00000	0.0	0.0	0.21107	0.0	0.0	358.19	*			
				13.405	13.39784	20.74676	85.00000	0.0	0.0	0.29510	0.0	0.0	358.19	*			
				13.901	13.89405	20.73108	85.00000	0.0	0.0	0.37855	0.0	0.0	358.19	*			
				14.397	14.39027	20.71541	85.00000	0.0	0.0	0.46139	0.0	0.0	358.19	*			
				14.894	14.88649	20.69973	85.00000	0.0	0.0	0.54358	0.0	0.0	358.19	*			
				15.390	15.38270	20.68405	85.00000	0.0	0.0	0.62510	0.0	0.0	358.19	*			
				15.887	15.87892	20.66838	85.00000	0.0	0.0	0.70589	0.0	0.0	358.19	*			
				16.383	16.37514	20.65270	85.00000	0.0	0.0	0.78593	0.0	0.0	358.19	*			
				16.880	16.87135	20.63703	85.00000	0.0	0.0	0.86517	0.0	0.0	358.19	*			
				17.376	17.36757	20.62135	85.00000	0.0	0.0	0.94357	0.0	0.0	358.19	*			
				17.873	17.86378	20.60568	85.00000	0.0023560	0.0019538	1.0247	0.0022931	0.0020272	358.19	*			
		35	79.SL.2	18.369	18.36000	20.59000	85.00000	0.072253	0.062360	1.1201	0.070248	0.064610	358.19	*			
				0.0	18.36000	20.59000	85.00000	0.072253	0.062360	1.1201	-0.066656	0.068310	266.50	*			
				0.50038	18.32944	20.09056	85.00000	0.0079712	0.0071867	1.0328	-0.0076600	0.0075174	266.50	*			
				1.0008	18.29889	19.59111	85.00000	0.0	0.0	0.95580	0.0	0.0	266.50	*			
				1.5011	18.26833	19.09167	85.00000	0.0	0.0	0.88308	0.0	0.0	266.50	*			
				2.0015	18.23778	18.59222	85.00000	0.0	0.0	0.80923	0.0	0.0	266.50	*			
				2.5019	18.20722	18.09278	85.00000	0.0	0.0	0.73432	0.0	0.0	266.50	*			
				3.0023	18.17667	17.59333	85.00000	0.0	0.0	0.65841	0.0	0.0	266.50	*			
				3.5026	18.14611	17.09389	85.00000	0.0	0.0	0.58154	0.0	0.0	266.50	*			
				4.0030	18.11556	16.59444	85.00000	0.0	0.0	0.50377	0.0	0.0	266.50	*			
				4.5034	18.08500	16.09500	85.00000	0.0	0.0	0.42514	0.0	0.0	266.50	*			
				5.0038	18.05444	15.59556	85.00000	0.0	0.0	0.34570	0.0	0.0	266.50	*			
				5.5042	18.02389	15.09611	85.00000	0.0	0.0	0.26548	0.0	0.0	266.50	*			
				6.0045	17.99333	14.59667	85.00000	0.0	0.0	0.18453	0.0	0.0	266.50	*			
				6.5049	17.96278	14.09722	85.00000	0.0	0.0	0.10288	0.0	0.0	266.50	*			
				7.0053	17.93222	13.59778	85.00000	0.0	0.0	0.020574	0.0	0.0	266.50	*			
				7.5057	17.90167	13.09833	85.00000	0.0	0.0	-0.010088	0.0	0.0	266.50	*			
				8.0061	17.87111	12.59889	85.00000	0.0	0.0	-0.010260	0.0	0.0	266.50	*			
				8.5064	17.84056	12.09944	85.00000	0.0	0.0	-0.010394	0.0	0.0	266.50	*			
				9.0068	17.81000	11.60000	85.00000	0.0	0.0	-0.010494	0.0	0.0	266.50	*			
			36	79.SL.3	0.0	17.81000	11.6000										



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Oasys

Highgate Cemetery

B2

A-SQUARED STUDIO

ENGINEERS LTD

Job No.

3500

Sheet No.

Rev.

Drg. Ref.

Made by

PES

Date

01-Nov-2024

Checked

Date

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δS//	δSperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					4.4774	13.05500	2.38500	85.00000	0.0	0.0	-0.0083589	0.0	0.0 16.411 *
					4.9749	13.53222	2.52556	85.00000	0.0	0.0	-0.0084919	0.0	0.0 16.411 *
					5.4724	14.00944	2.66611	85.00000	0.0	0.0	-0.0086245	0.0	0.0 16.411 *
					5.9699	14.48667	2.80667	85.00000	0.0	0.0	-0.0087564	0.0	0.0 16.411 *
					6.4674	14.96389	2.94722	85.00000	0.0	0.0	-0.0088873	0.0	0.0 16.411 *
					6.9649	15.44111	3.08778	85.00000	0.0	0.0	-0.0090170	0.0	0.0 16.411 *
					7.4624	15.91833	3.22833	85.00000	0.0	0.0	-0.0091451	0.0	0.0 16.411 *
					7.9598	16.39556	3.36889	85.00000	0.0	0.0	-0.0092713	0.0	0.0 16.411 *
					8.4573	16.87278	3.50944	85.00000	0.0	0.0	-0.0093953	0.0	0.0 16.411 *
					8.9548	17.35000	3.65000	85.00000	0.0	0.0	-0.0095165	0.0	0.0 16.411 *
					0.0	17.35000	3.65000	85.00000	0.0	0.0	-0.0095165	0.0	0.0 287.20 *
					0.47761	17.49125	3.19375	85.00000	0.0	0.0	-0.0094175	0.0	0.0 287.20 *
					0.95523	17.63250	2.73750	85.00000	0.0	0.0	-0.0093160	0.0	0.0 287.20 *
					1.4328	17.77375	2.28125	85.00000	0.0	0.0	-0.0092122	0.0	0.0 287.20 *
					1.9105	17.91500	1.82500	85.00000	0.0	0.0	-0.0091064	0.0	0.0 287.20 *
					2.3881	18.05625	1.36875	85.00000	0.0	0.0	-0.0089988	0.0	0.0 287.20 *
					2.8657	18.19750	0.91250	85.00000	0.0	0.0	-0.0088897	0.0	0.0 287.20 *
					3.3433	18.33875	0.45625	85.00000	0.0	0.0	-0.0087791	0.0	0.0 287.20 *
					3.8209	18.48000	0.00000	85.00000	0.0	0.0	-0.0086674	0.0	0.0 287.20 *
					0.0	32.07000	36.91000	85.00000	11.444	1.1444	12.133	-11.501 -0.10361	185.19 *
					0.48730	31.58471	36.86588	85.00000	11.052	1.1052	12.118	-11.107 -0.10006	185.19 *
					0.97459	31.09941	36.82176	85.00000	10.668	1.0668	11.900	-10.721 -0.096581	185.19 *
					1.4619	30.61412	36.77765	85.00000	10.290	1.0290	11.388	-10.341 -0.093164	185.19 *
					1.9492	30.12882	36.73353	85.00000	9.9198	0.99198	10.374	-9.9689 -0.089810	185.19 *
					2.4365	29.64353	36.68941	85.00000	9.5560	0.95560	9.8301	-9.6033 -0.086516	185.19 *
					2.9238	29.15824	36.64529	85.00000	9.1987	0.91987	9.3874	-9.2442 -0.083281	185.19 *
					3.4111	28.67294	36.60118	85.00000	8.8478	0.88478	8.9875	-8.8915 -0.080104	185.19 *
					3.8984	28.18765	36.55706	85.00000	8.5029	0.85029	8.6073	-8.5450 -0.076982	185.19 *
					4.3857	27.70235	36.51294	85.00000	8.1639	0.81639	8.2362	-8.2043 -0.073913	185.19 *
					4.8730	27.21706	36.46882	85.00000	7.8307	0.78307	7.8692	-7.8694 -0.070896	185.19 *
					5.3602	26.73176	36.42471	85.00000	7.5029	0.75029	7.5040	-7.5400 -0.067928	185.19 *
					5.8475	26.24647	36.38059	85.00000	7.1804	0.71804	7.1401	-7.2160 -0.065009	185.19 *
					6.3348	25.76118	36.33647	85.00000	6.8630	0.68630	6.7780	-6.8970 -0.062135	185.19 *
					6.8221	25.27588	36.29235	85.00000	6.5506	0.65506	6.4187	-6.5830 -0.059306	185.19 *
					7.3094	24.79059	36.24824	85.00000	6.2427	0.62427	6.0638	-6.2736 -0.056519	185.19 *
					7.7967	24.30529	36.20412	85.00000	5.9394	0.59394	5.7146	-5.9688 -0.053773	185.19 *
					8.2840	23.82000	36.16000	85.00000	5.6403	0.56403	5.3729	-5.6682 -0.051065	185.19 *
					0.0	23.82000	36.16000	85.00000	5.6403	0.56403	5.3729	-0.66220 5.6296	269.00 *
					0.47841	23.81167	35.68167	85.00000	5.6794	0.56794	5.3748	-0.66678 5.6686	269.00 *
					0.95681	23.80333	35.20333	85.00000	5.7177	0.57177	5.3745	-0.67128 5.7069	269.00 *
					1.4352	23.79500	34.72500	85.00000	5.7553	0.57553	5.3719	-0.67569 5.7444	269.00 *
					1.9136	23.78667	34.24667	85.00000	5.6115	0.56115	5.2760	-0.65881 5.6009	269.00 *
					2.3920	23.77833	33.76833	85.00000	5.4661	0.54661	5.1788	-0.64174 5.4558	269.00 *
					2.8704	23.77000	33.29000	85.00000	5.3220	0.53220	5.0818	-0.62482 5.3119	269.00 *
					0.0	23.77000	33.29000	85.00000	5.3220	0.53220	5.0818	5.3484 -0.025909	5.9881 *
					0.50747	24.27471	33.34294	85.00000	5.6247	0.56247	5.4245	-5.6527 -0.027383	5.9881 *
					1.0149	24.77941	33.39588	85.00000	5.9320	0.59320	5.7764	-5.9615 -0.028879	5.9881 *
					1.5224	25.28412	33.44882	85.00000	6.2439	0.62439	6.1356	-6.2750 -0.030398	5.9881 *
					2.0299	25.78882	33.50176	85.00000	6.5608	0.65608	6.5004	-6.5934 -0.031941	5.9881 *
					2.5374	26.29353	33.55471	85.00000	6.8829	0.68829	6.8692	-6.9171 -0.033508	5.9881 *
					3.0448	26.79824	33.60765	85.00000	7.2103	0.72103	7.2409	-7.2462 -0.035103	5.9881 *
					3.5523	27.30294	33.66059	85.00000	7.5434	0.75434	7.6145	-7.5809 -0.036724	5.9881 *
					4.0598	27.80765	33.71353	85.00000	7.8824	0.78824	7.9905	-7.9216 -0.038374	5.9881 *
					4.5673	28.31235	33.76647	85.00000	8.2274	0.82274	8.3706	-8.2683 -0.040054	5.9881 *
					5.0747	28.81706	33.81941	85.00000	8.5788	0.85788	8.7596	-8.6215 -0.041765	5.9881 *
					5.5822	29.32176	33.87235	85.00000	8.9367	0.89367	9.1675	-8.9812 -0.043507	5.9881 *
					6.0897	29.82647	33.92529	85.00000	9.3014	0.93014	9.6163	-9.3477 -0.045283	5.9881 *
					6.5972	30.33118	33.97824	85.00000	9.6731	0.96731	10.1637	-9.7212 -0.047093	5.9881 *
					7.1046	30.83588	34.03118	85.00000	10.052	1.0052	11.179	-10.102 -0.048937	5.9881 *
					7.6121	31.34059	34.08412	85.00000	10.439	1.0439	11.761	-10.490 -0.050819	5.9881 *
					8.1196	31.84529	34.13706	85.00000	10.833	1.0833	12.005	-10.887 -0.052738	5.9881 *
					8.6271	32.35000	34.19000	85.00000	11.235	1.1235	12.029	-11.291 -0.054695	5.9881 *
					0.0	9.58000	47.66000	85.00000	0.0	0.0	-0.0098112	0.0	0.0 278.55 *
					0.50436	9.65500	47.16125	85.00000	0.0	0.0	0.016604	0.0	0.0 278.55 *
					1.0087	9.73000	46.66250	85.00000	0.0	0.0	0.065051	0.0	0.0 278.55 *
					1.5131	9.80500	46.16375	85.00000	0.0	0.0	0.11184	0.0	0.0 278.55 *
					2.0174	9.88000	45.66500	85.00000	0.0	0.0	0.15691	0.0	0.0 278.55 *
					2.5218	9.95500	45.16625	85.00000	0.0	0.0	0.20021	0.0	0.0 278.55 *
					3.0261	10.03000	44.66750	85.00000	0.0	0.0	0.24170	0.0	0.0 278.55 *
					3.5305	10.10500	44.16875	85.00000	0.0	0.0	0.28332	0.0	0.0 278.55 *
					4.0349	10.18000	43.67000	85.00000	0.0	0.0	0.31902	0.0	0.0 278.55 *
					0.0								

A-SQUARED STUDIO ENGINEERS LTD													Job No.	Sheet No.	Rev.	
													3500			
													Drg. Ref.			
													Made by PES	Date 01-Nov-2024	Checked	Date
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δs//	δsperp.	Angle			
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]			
				2.9961	24.46000	33.80400	85.00000	5.8731	0.58731	5.6470	-0.54809	5.8769	270.38	*		
				3.4954	24.46333	33.30467	85.00000	5.7212	0.57212	5.5427	-0.53391	5.7249	270.38	*		
				3.9948	24.46667	32.80533	85.00000	5.5704	0.55704	5.4380	-0.51984	5.5740	270.38	*		
				4.4941	24.47000	32.30600	85.00000	5.4207	0.54207	5.3332	-0.50587	5.4242	270.38	*		
				4.9934	24.47333	31.80667	85.00000	5.2720	0.52720	5.2284	-0.49200	5.2754	270.38	*		
				5.4928	24.47667	31.30733	85.00000	5.0824	0.63177	5.1399	-0.59783	5.0865	270.38	*		
				5.9921	24.48000	30.80800	85.00000	4.8422	0.85228	5.0566	-0.81994	4.8478	270.38	*		
				6.4915	24.48333	30.30867	85.00000	4.5950	1.0608	4.9593	-1.0301	4.6019	270.38	*		
				6.9908	24.48667	29.80933	85.00000	4.3440	1.2544	4.8492	-1.2254	4.3523	270.38	*		
				7.4902	24.49000	29.31000	85.00000	4.0924	1.4307	4.7279	-1.4033	4.1019	270.38	*		
				7.9895	24.49333	28.81067	85.00000	3.8429	1.5877	4.5967	-1.5620	3.8534	270.38	*		
				8.4889	24.49667	28.31133	85.00000	3.5976	1.7243	4.4573	-1.7002	3.6090	270.38	*		
				8.9882	24.50000	27.81200	85.00000	3.3583	1.8397	4.3109	-1.8173	3.3706	270.38	*		
				9.4875	24.50333	27.31267	85.00000	3.1265	1.9339	4.1592	-1.9130	3.1394	270.38	*		
				9.9869	24.50667	26.81333	85.00000	2.9369	2.0285	4.0226	-2.0089	2.9503	270.38	*		
				10.486	24.51000	26.31400	85.00000	2.7652	2.1082	3.8866	-2.0897	2.7792	270.38	*		
				10.986	24.51333	25.81467	85.00000	2.5974	2.1646	3.7441	-2.1472	2.6118	270.38	*		
				11.485	24.51667	25.31533	85.00000	2.4340	2.1986	3.5965	-2.1824	2.4486	270.38	*		
				11.984	24.52000	24.81600	85.00000	2.2750	2.2116	3.4456	-2.1963	2.2897	270.38	*		
				12.484	24.52333	24.31667	85.00000	2.1206	2.2046	3.2926	-2.1904	2.1352	270.38	*		
				12.983	24.52667	23.81733	85.00000	1.9706	2.1790	3.1392	-2.1658	1.9851	270.38	*		
				13.482	24.53000	23.31800	85.00000	1.8250	2.1360	2.9865	-2.1237	1.8392	270.38	*		
				13.982	24.53333	22.81867	85.00000	1.6837	2.0768	2.8359	-2.0655	1.6975	270.38	*		
				14.481	24.53667	22.31933	85.00000	1.5464	2.0027	2.6883	-1.9923	1.5598	270.38	*		
				14.980	24.54000	21.82000	85.00000	1.4131	1.9147	2.5447	-1.9052	1.4258	270.38	*		
		53	SL.WW.6	0.0	24.54000	21.82000	85.00000	1.4131	1.9147	2.5447	-1.9301	1.3919	269.37	*		
				0.49253	24.53458	21.32750	85.00000	1.2843	1.8123	2.4058	-1.8263	1.2643	269.37	*		
				0.98506	24.52917	20.83500	85.00000	1.1589	1.6986	2.2722	-1.7112	1.1401	269.37	*		
				1.4776	24.52375	20.34250	85.00000	1.0367	1.5744	2.1442	-1.5857	1.0193	269.37	*		
				1.9701	24.51833	19.85000	85.00000	0.91752	1.4405	2.0217	-1.4505	0.90162	269.37	*		
				2.4626	24.51292	19.35750	85.00000	0.80110	1.2976	1.9045	-1.3063	0.78679	269.37	*		
				2.9552	24.50750	18.86500	85.00000	0.68726	1.1463	1.7922	-1.1538	0.67461	269.37	*		
				3.4477	24.50208	18.37250	85.00000	0.58756	0.99629	1.6861	-1.0027	0.57656	269.37	*		
				3.9402	24.49667	17.88000	85.00000	0.50073	0.84907	1.5859	-0.85453	0.49137	269.37	*		
				4.4328	24.49125	17.38750	85.00000	0.40718	0.69044	1.4869	-0.69487	0.39956	269.37	*		
				4.9253	24.48583	16.89500	85.00000	0.30682	0.52027	1.3878	-0.52361	0.30108	269.37	*		
				5.4178	24.48042	16.40250	85.00000	0.19960	0.33844	1.2865	-0.34062	0.19586	269.37	*		
				5.9104	24.47500	15.91000	85.00000	0.10741	0.18213	1.1782	-0.18330	0.10540	269.37	*		
				6.4029	24.46958	15.41750	85.00000	0.026908	0.045627	1.0646	-0.045920	0.026405	269.37	*		
				6.8954	24.46417	14.92500	85.00000	0.0	0.0	0.96310	0.0	0.0	269.37	*		
				7.3879	24.45875	14.43250	85.00000	0.0	0.0	0.87623	0.0	0.0	269.37	*		
				7.8805	24.45333	13.94000	85.00000	0.0	0.0	0.78952	0.0	0.0	269.37	*		
				8.3730	24.44792	13.44750	85.00000	0.0	0.0	0.70258	0.0	0.0	269.37	*		
				8.8655	24.44250	12.95500	85.00000	0.0	0.0	0.61523	0.0	0.0	269.37	*		
				9.3581	24.43708	12.46250	85.00000	0.0	0.0	0.52748	0.0	0.0	269.37	*		
				9.8506	24.43167	11.97000	85.00000	0.0	0.0	0.43935	0.0	0.0	269.37	*		
				10.343	24.42625	11.47750	85.00000	0.0	0.0	0.35087	0.0	0.0	269.37	*		
				10.836	24.42083	10.98500	85.00000	0.0	0.0	0.26204	0.0	0.0	269.37	*		
				11.328	24.41542	10.49250	85.00000	0.0	0.0	0.17288	0.0	0.0	269.37	*		
				11.821	24.41000	10.00000	85.00000	0.0	0.0	0.083403	0.0	0.0	269.37	*		
		54	SL.WW.7	0.0	24.41000	10.00000	85.00000	0.0	0.0	0.083403	0.0	0.0	177.87	*		
				0.49467	23.91568	10.01838	85.00000	0.0	0.0	0.042932	0.0	0.0	177.87	*		
				0.98933	23.42135	10.03676	85.00000	0.0	0.0	766.80E-6	0.0	0.0	177.87	*		
				1.4840	22.92703	10.05514	85.00000	0.0	0.0	-0.0099266	0.0	0.0	177.87	*		
				1.9787	22.43270	10.07351	85.00000	0.0	0.0	-0.010049	0.0	0.0	177.87	*		
				2.4733	21.93838	10.09189	85.00000	0.0	0.0	-0.010160	0.0	0.0	177.87	*		
				2.9680	21.44405	10.11027	85.00000	0.0	0.0	-0.010259	0.0	0.0	177.87	*		
				3.4627	20.94973	10.12865	85.00000	0.0	0.0	-0.010346	0.0	0.0	177.87	*		
				3.9573	20.45541	10.14703	85.00000	0.0	0.0	-0.010421	0.0	0.0	177.87	*		
				4.4520	19.96108	10.16541	85.00000	0.0	0.0	-0.010484	0.0	0.0	177.87	*		
				4.9467	19.46676	10.18378	85.00000	0.0	0.0	-0.010534	0.0	0.0	177.87	*		
				5.4413	18.97243	10.20216	85.00000	0.0	0.0	-0.010574	0.0	0.0	177.87	*		
				5.9360	18.47811	10.22054	85.00000	0.0	0.0	-0.010601	0.0	0.0	177.87	*		
				6.4307	17.98378	10.23892	85.00000	0.0	0.0	-0.010617	0.0	0.0</				

Oasys												Job No.	Sheet No.	Rev.	
A-SQUARED STUDIO												3500			
ENGINEERS LTD															
Highgate Cemetery															
B2												Drg. Ref.			
												Made by PES	Date 01-Nov-2024	Checked	Date
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δs//	δsperp.	Angle		
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]		
				13.959	26.86000	58.21900	85.00000	0.089563	-0.24044	1.2754	0.22967	0.11439	263.95		
				14.457	26.80750	57.72325	85.00000	0.15287	-0.38883	1.3765	0.37057	0.19297	263.95		
				14.956	26.75500	57.22750	85.00000	0.22029	-0.53256	1.4765	0.50640	0.27515	263.95		
				15.454	26.70250	56.73175	85.00000	0.29212	-0.67141	1.5767	0.63691	0.36120	263.95		
				15.953	26.65000	56.23600	85.00000	0.36871	-0.80511	1.6784	0.76180	0.45144	263.95		
				16.451	26.59750	55.74025	85.00000	0.45042	-0.93336	1.7825	0.88073	0.54621	263.95		
				16.950	26.54500	55.24450	85.00000	0.53763	-1.0558	1.8898	0.99332	0.64583	263.95		
				17.448	26.49250	54.74875	85.00000	0.63076	-1.1721	2.0007	1.0991	0.75069	263.95		
				17.947	26.44000	54.25300	85.00000	0.73025	-1.2817	2.1155	1.1977	0.86116	263.95		
				18.445	26.38750	53.75725	85.00000	0.84242	-1.3945	2.2369	1.2980	0.98459	263.95		
				18.944	26.33500	53.26150	85.00000	0.96441	-1.5040	2.3638	1.3941	1.1174	263.95		
				19.442	26.28250	52.76575	85.00000	1.0958	-1.6082	2.4959	1.4838	1.2591	263.95		
				19.941	26.23000	52.27000	85.00000	1.2373	-1.7065	2.6331	1.5667	1.4101	263.95		
				0.0	26.23000	52.27000	85.00000	1.2373	-1.7065	2.6331	1.8035	1.0912	274.77		
				0.49954	26.27152	51.77219	85.00000	1.3877	-1.8223	2.7962	1.9313	1.2314	274.77		
				0.99908	26.31305	51.27438	85.00000	1.5492	-1.9331	2.9672	2.0552	1.3832	274.77		
				1.4986	26.35457	50.77657	85.00000	1.7229	-2.0384	3.1459	2.1745	1.5475	274.77		
				1.9982	26.39610	50.27876	85.00000	1.9099	-2.1374	3.3317	2.2888	1.7256	274.77		
				2.4977	26.43762	49.78095	85.00000	2.1114	-2.2294	3.5242	2.3972	1.9188	274.77		
				2.9972	26.47914	49.28314	85.00000	2.3286	-2.3136	3.7225	2.4991	2.1283	274.77		
				3.4968	26.52067	48.78533	85.00000	2.5629	-2.3888	3.9259	2.5936	2.3555	274.77		
				3.9963	26.56219	48.28752	85.00000	2.8155	-2.4541	4.1335	2.6797	2.6018	274.77		
				4.4958	26.60371	47.78971	85.00000	3.0879	-2.5083	4.3440	2.7563	2.8687	274.77		
				4.9954	26.64524	47.29190	85.00000	3.3813	-2.5501	4.5564	2.8223	3.1577	274.77		
				5.4949	26.68676	46.79410	85.00000	3.6969	-2.5781	4.7694	2.8765	3.4698	274.77		
				5.9945	26.72829	46.29629	85.00000	4.0356	-2.5911	4.9817	2.9175	3.8063	274.77		
				6.4940	26.76981	45.79848	85.00000	4.3979	-2.5876	5.1919	2.9442	4.1676	274.77		
				6.9935	26.81133	45.30067	85.00000	4.7696	-2.6298	5.4295	3.0172	4.5345	274.77		
				7.4931	26.85286	44.80286	85.00000	5.1225	-2.8244	5.7509	3.2404	4.8700	274.77		
				7.9926	26.89438	44.30505	85.00000	5.4871	-3.0254	6.0865	3.4711	5.2166	274.77		
				8.4922	26.93590	43.80724	85.00000	5.8634	-3.2329	6.4352	3.7091	5.5743	274.77		
				8.9917	26.97743	43.30943	85.00000	6.1503	-3.3911	6.7270	3.8906	5.8471	274.77		
				9.4912	27.01895	42.81162	85.00000	6.1808	-3.4079	6.8421	3.9099	5.8761	274.77		
				9.9908	27.06048	42.31381	85.00000	6.2069	-3.4223	6.9486	3.9264	5.9010	274.77		
				10.490	27.10200	41.81600	85.00000	6.2287	-3.4343	7.0457	3.9402	5.9217	274.77		
				10.990	27.14352	41.31819	85.00000	6.2919	-3.3171	7.1449	3.8286	5.9944	274.77		
				11.489	27.18505	40.82038	85.00000	6.4671	-2.8039	7.2551	3.3318	6.2117	274.77		
				11.989	27.22657	40.32257	85.00000	6.6273	-2.2024	7.3362	2.7457	6.4213	274.77		
				12.488	27.26810	39.82476	85.00000	6.7685	-1.5182	7.3877	2.0756	6.6189	274.77		
				12.988	27.30962	39.32695	85.00000	7.0674	-0.80103	7.5303	1.3857	6.9764	274.77		
				13.488	27.35114	38.82914	85.00000	7.3878	-0.044053	7.6768	0.65801	7.3586	274.77		
				13.987	27.39267	38.33133	85.00000	7.6824	0.73514	7.8002	-0.093996	7.7169	274.77		
				14.487	27.43419	37.83352	85.00000	7.7897	0.77897	7.8953	-0.12876	7.8274	274.77		
				14.986	27.47571	37.33571	85.00000	7.8889	0.78889	7.9835	-0.13040	7.9272	274.77		
				15.486	27.51724	36.83790	85.00000	7.9881	0.79881	8.0653	-0.13204	8.0269	274.77		
				15.985	27.55876	36.34010	85.00000	8.0872	0.80872	8.1407	-0.13368	8.1264	274.77		
				16.485	27.60029	35.84229	85.00000	8.1861	0.81861	8.2097	-0.13531	8.2258	274.77		
				16.984	27.64181	35.34448	85.00000	8.2849	0.82849	8.2724	-0.13695	8.3251	274.77		
				17.484	27.68333	34.84667	85.00000	8.2456	0.82456	8.2427	-0.13630	8.2856	274.77		
				17.983	27.72486	34.34886	85.00000	8.0776	0.80776	8.1264	-0.13352	8.1168	274.77		
				18.483	27.76638	33.85105	85.00000	7.9097	0.79097	8.0041	-0.13074	7.9481	274.77		
				18.982	27.80790	33.35324	85.00000	7.7421	0.77421	7.8758	-0.12797	7.7797	274.77		
				19.482	27.84943	32.85543	85.00000	7.5746	0.75746	7.7415	-0.12521	7.6114	274.77		
				19.982	27.89095	32.35762	85.00000	7.4074	0.74074	7.6015	-0.12244	7.4433	274.77		
				20.481	27.93248	31.85981	85.00000	7.2144	0.76977	7.4578	-0.16741	7.2534	274.77		
				20.981	27.97400	31.36200	85.00000	6.7048	1.3277	7.3223	-0.76575	6.7919	274.77		
				21.480	28.01552	30.86419	85.00000	6.1832	1.8585	7.1658	-1.3381	6.3163	274.77		
				21.980	28.05705	30.36638	85.00000	5.6659	2.3461	6.9912	-1.8670	5.8413	274.77		
				22.479	28.09857	29.86857	85.00000	5.1658	2.7786	6.8014	-2.3396	5.3789	274.77		
				22.979	28.14010	29.37076	85.00000	4.7236	3.1697	6.6248	-2.7661	4.9707	274.77		
				23.478	28.18162	28.87295	85.00000	4.4062	3.5562	6.4538	-3.1777	4.6866	274.77		
				23.978	28.22314	28.37514	85.00000	4.1069	3.8697	6.3793	-3.5149	4.4144	274.77		
				24.477	28.26467	27.87733	85.00000	3.8265	4.1140	6.2231	-3.7817	4.1553	274.77		
				24.977	28.30619	27.37952	85.00000	3.5650	4.2949	6.0471	-3.9837	3.9096	274.77		
				25.476	28.34771	26.88171	85.00000	3.3213	4.4187	5.8539	-4.1273	3.6771	274.77		
				25.976	28.38924	26.38390	85.00000	3.0945	4.4918	5.6459	-4.2190	3.4572	274.77		
				26.476	28.43076	25.88610	85.00000	2.8831	4.5204	5.4258	-4.2651	3.2488	274.77		
				26.975	28.47229	25.38829	85.00000	2.6856	4.5101	5.1963	-				



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD													Job No.	Sheet No.	Rev.	
													3500			
													Drg. Ref.			
													Made by PES	Date 01-Nov-2024	Checked	Date
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δS//	δSperp.	Angle			
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]			
	59	SL.EW.2		5.7008	32.02500	66.44417	85.00000	0.0	0.0	-0.010139	0.0	0.0	262.79	*		
				6.2191	31.96000	65.93000	85.00000	0.0	0.0	-0.0098881	0.0	0.0	262.79	*		
				0.0	31.62000	63.20000	85.00000	0.0	0.0	0.47253	0.0	0.0	262.81	*		
				0.49484	31.55810	62.70905	85.00000	0.0	0.0	0.56997	0.0	0.0	262.81	*		
				0.98968	31.49619	62.21810	85.00000	0.0	0.0	0.66744	0.0	0.0	262.81	*		
				1.4845	31.43429	61.72714	85.00000	0.0	0.0	0.76495	0.0	0.0	262.81	*		
				1.9794	31.37238	61.23619	85.00000	0.0	0.0	0.86252	0.0	0.0	262.81	*		
				2.4742	31.31048	60.74524	85.00000	0.0	0.0	0.96017	0.0	0.0	262.81	*		
				2.9690	31.24857	60.25429	85.00000	0.0044277	-0.048290	1.0040	0.047356	0.010434	262.81	*		
				3.4639	31.18667	59.76333	85.00000	0.016735	-0.17162	1.1899	0.16818	0.038074	262.81	*		
				3.9587	31.12476	59.27238	85.00000	0.035519	-0.33544	1.3037	0.32836	0.077205	262.81	*		
				4.4536	31.06286	58.78143	85.00000	0.060898	-0.53256	1.4151	0.52076	0.12704	262.81	*		
				4.9484	31.00095	58.29048	85.00000	0.089022	-0.72727	1.5264	0.71042	0.17930	262.81	*		
				5.4432	30.93905	57.79952	85.00000	0.12015	-0.91952	1.6398	0.89726	0.23424	262.81	*		
				5.9381	30.87714	57.30857	85.00000	0.15457	-1.1092	1.7570	1.0812	0.29212	262.81	*		
				6.4329	30.81524	56.81762	85.00000	0.19260	-1.2962	1.8795	1.2619	0.35325	262.81	*		
				6.9278	30.75333	56.32667	85.00000	0.23461	-1.4804	2.0086	1.4394	0.41797	262.81	*		
				7.4226	30.69143	55.83571	85.00000	0.28102	-1.6615	2.1452	1.6133	0.48678	262.81	*		
				7.9174	30.62952	55.34476	85.00000	0.33227	-1.8393	2.2902	1.7833	0.55975	262.81	*		
	60	SL.EW.3		8.4123	30.56762	54.85381	85.00000	0.38889	-2.0135	2.4440	1.9490	0.63772	262.81	*		
				8.9071	30.50571	54.36286	85.00000	0.45147	-2.1836	2.6067	2.1099	0.72109	262.81	*		
				9.4020	30.44381	53.87190	85.00000	0.52068	-2.3491	2.7785	2.2655	0.81047	262.81	*		
				9.8968	30.38190	53.38095	85.00000	0.59728	-2.5096	2.9590	2.4151	0.90654	262.81	*		
				10.392	30.32000	52.89000	85.00000	0.68213	-2.6642	3.1478	2.5580	1.0101	262.81	*		
				0.0	30.32000	52.89000	85.00000	0.68213	-2.6642	3.1478	2.7083	0.47828	274.35	*		
				0.48905	30.35706	52.40235	85.00000	0.75668	-2.8411	3.3580	2.8902	0.53922	274.35	*		
				0.97811	30.39412	51.91471	85.00000	0.83738	-3.0154	3.5780	3.0701	0.60648	274.35	*		
				1.4672	30.43118	51.42706	85.00000	0.92510	-3.1865	3.8069	3.2475	0.68097	274.35	*		
				1.9562	30.46824	50.93941	85.00000	1.0209	-3.3539	4.0439	3.4216	0.76378	274.35	*		
				2.4453	30.50529	50.45176	85.00000	1.1259	-3.5166	4.2877	3.5918	0.85616	274.35	*		
				2.9343	30.54235	49.96412	85.00000	1.2416	-3.6735	4.5370	3.7570	0.95967	274.35	*		
				3.4234	30.57941	49.47647	85.00000	1.3698	-3.8233	4.7904	3.9161	1.0762	274.35	*		
				3.9124	30.61647	48.98882	85.00000	1.5127	-3.9642	5.0462	4.0674	1.2079	274.35	*		
				4.4015	30.65353	48.50118	85.00000	1.6728	-4.0941	5.3027	4.2090	1.3577	274.35	*		
				4.8905	30.69059	48.01353	85.00000	1.8535	-4.2102	5.5582	4.3385	1.5291	274.35	*		
				5.3796	30.72765	47.52588	85.00000	2.0588	-4.3090	5.8108	4.4526	1.7264	274.35	*		
				5.8686	30.76471	47.03824	85.00000	2.2940	-4.3861	6.0590	4.5473	1.9550	274.35	*		
				6.3577	30.80176	46.55059	85.00000	2.5676	-4.4392	6.3039	4.6210	2.2238	274.35	*		
	6.8467	30.83882	46.06294	85.00000	2.9230	-4.5214	6.5956	4.7299	2.5720	274.35	*					
	7.3358	30.87588	45.57529	85.00000	3.3440	-4.5757	6.8933	4.8159	2.9876	274.35	*					
	7.8249	30.91294	45.08765	85.00000	3.8468	-4.5934	7.1992	4.8717	3.4877	274.35	*					
	8.3139	30.95000	44.60000	85.00000	4.4525	-4.5636	7.5170	4.8878	4.0939	274.35	*					
	61	SL.EW.4		0.0	31.22000	39.59000	85.00000	9.1213	-5.0292	11.510	5.9779	8.5297	276.15	*		
				0.49192	31.27273	39.10091	85.00000	9.2091	-4.2509	11.501	5.2135	8.7004	276.15	*		
				0.98385	31.32545	38.61182	85.00000	10.513	1.0513	11.653	0.08160	10.565	276.15	*		
				1.4758	31.37818	38.12273	85.00000	10.648	1.0648	11.811	0.08264	10.701	276.15	*		
				1.9677	31.43091	37.63364	85.00000	10.783	1.0783	11.940	0.08362	10.836	276.15	*		
				2.4596	31.48364	37.14455	85.00000	10.918	1.0918	12.047	0.084739	10.972	276.15	*		
				2.9515	31.53636	36.65545	85.00000	11.052	1.1052	12.134	0.085786	11.107	276.15	*		
				3.4435	31.58909	36.16636	85.00000	11.187	1.1187	12.206	0.086833	11.243	276.15	*		
				3.9354	31.64182	35.67727	85.00000	11.322	1.1322	12.261	0.087881	11.379	276.15	*		
				4.4273	31.69455	35.18818	85.00000	11.240	1.1240	12.223	0.087239	11.295	276.15	*		
				4.9192	31.74727	34.69909	85.00000	11.038	1.1038	12.127	0.085670	11.092	276.15	*		
				5.4112	31.80000	34.21000	85.00000	10.835	1.0835	12.014	0.084100	10.889	276.15	*		
				5.9031	31.85273	33.72091	85.00000	10.633	1.0633	11.883	0.082530	10.686	276.15	*		
				6.3950	31.90545	33.23182	85.00000	10.430	1.0430	11.730	0.080958	10.482	276.15	*		
				6.8869	31.95818	32.74273	85.00000	10.228	1.0228	11.551	0.079386	10.279	276.15	*		
				7.3789	32.01091	32.25364	85.00000	9.5170	1.6277	11.302	-0.59820	9.6366	276.15	*		
				7.8708	32.06364	31.76455	85.00000	5.9811	6.5689	11.109	-5.8900	6.6507	276.15	*		
				8.3627	32.11636	31.27545	85.00000	4.9779	8.4407	11.136	-7.8585	5.8539	276.15	*		
				8.8546	32.16909	30.78636	85.00000	5.0007	8.4795	10.929	-7.8947	5.8808	276.15	*		
	9.3466	32.22182	30.29727	85.00000	5.0182	8.5092	10.212	-7.9223	5.9014	276.15	*					
	9.8385	32.27455	29.80818	85.00000	5.0303	8.5296	9.9555	-7.9413	5.9156	276.15	*					
	10.330	32.32727	29.31909	85.00000	4.9155	8.3349	9.6407	-7.7600	5.7805	276.15	*					
	10.822	32.38000	28.83000	85.00000	4.6852	7.9444	9.2084	-7.3965	5.5097	276.15	*					
	0.0	32.65000	25.93000	85.00000	2.3613	6.3758	7.0309	-6.1254	2.9596	275.40	*					
	62	SL.EW.5		0.50087	32.69712	25.43135	85.00000	2.0224	6.1490	6.6948	-5.9315	2.5919	275.40	*		
				1.0017	32.74423	24.93269	85.00000	1.7367	5.9147	6.3615	-5.7251	2.2853	275.40	*		
				1.5026	32.79135	24.43404	85.00000	1.5076	5.7214	6.0604	-5.5542	2.0391	275.40	*		
				2.0035	32.83846	23.93538	85.00000	1.3115	5.5165	5.7569	-5.3686	1.8246	275.40	*		
				2.5044	32.88558	23.43673	85.00000	1.1424	5.3014	5.4524	-5.1705	1.6360	275.40	*		
				3.0052	32.93269	22.93085	85.00000	0.95958	5.0785	5.1494	-4.9624	1.4692	275.40	*		
				3.5061	32.97981	22.43942	85.00000	0.86827	4.8496	4.8501	-4.7464	1.3206	275.40	*		
				4.0070	33.02692	21.94077	85.00000	0.75675	4.6159	4.5566	-4.5243	1.1876	275.40	*		
				4.5087	33.07404	21.44212	85.00000	0.65893	4.3786	4.2710	-4.2972	1.0679	275.40	*		
				5.0079	33.12115	20.94346	85.00000	0.57289	4.1385	3.9948	-4.0662	0.95964	275.40	*		
				5.5096	33.16870	20.44481	85.00000	0.49700	3.8962	3.7297	-3.8020	0.86130	275.40	*		
				6.0105	33.21538	19.94615	85.00000	0.42993	3.6523	3.4767	-3.5957	0.77159	275.40	*		
				6.5114	33.26250	19.44750	85.00000	0.37056	3.4072	3.2369	-3.3573	0.68942	275.40	*		
				7.0122	33.30962	18.94885	85.00000	0.31794	3.1612	3.0109	-3.1172	0.61389	275.40	*		
				7.5131	33.35673	18.45019	85.00000	0.27126	2.9144	2.7991	-2.8759	0.54420	275.40	*		
				8.0140	33.40385	17.95155	85.00000	0.22983	2.6670	2.6010	-2.6336	0.47969	275.40	*		
				8.5149	33.45096	17.45288	85.00000	0.19306	2.4192	2.4178	-2.3903	0.41977	275.40	*		
				9.0157	33.49808	16.95423	85.00000	0.16045	2.1710	2.2475	-2.1463	0.36396	275.40	*		
				9.5166	33.54519	16.45558	85.00000	0.13155	1.9224	2.0898	-1.9015	0.31180	275.40	*		
	10.017	33.59231	15.95692	85.00000	0.10599	1.6733	1.9434	-1.6559	0.26292	275.40	*					
	10.518	33.63943	15													



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δs//	δsperp.	Angle
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
				6.0165	39.87764	63.77236	85.00000	0.0	0.0	0.34816	0.0	0.0	351.32
				6.5179	40.37327	63.69673	85.00000	0.0	0.0	0.36101	0.0	0.0	351.32
				7.0192	40.86891	63.62109	85.00000	0.0	0.0	0.37385	0.0	0.0	351.32
				7.5206	41.36455	63.54545	85.00000	0.0	0.0	0.38668	0.0	0.0	351.32
				8.0220	41.86018	63.46982	85.00000	0.0	0.0	0.39942	0.0	0.0	351.32
				8.5234	42.35582	63.39418	85.00000	0.0	0.0	0.40788	0.0	0.0	351.32
				9.0247	42.85145	63.31855	85.00000	0.0	0.0	0.41505	0.0	0.0	351.32
				9.5261	43.34709	63.24291	85.00000	0.0	0.0	0.41992	0.0	0.0	351.32
				10.027	43.84273	63.16727	85.00000	0.0	0.0	0.42247	0.0	0.0	351.32
				10.529	44.33836	63.09164	85.00000	0.0	0.0	0.42272	0.0	0.0	351.32
				11.030	44.83400	63.01600	85.00000	0.0	0.0	0.42065	0.0	0.0	351.32
				11.532	45.32964	62.94036	85.00000	0.0	0.0	0.41627	0.0	0.0	351.32
				12.033	45.82527	62.86473	85.00000	0.0	0.0	0.40959	0.0	0.0	351.32
				12.534	46.32091	62.78909	85.00000	0.0	0.0	0.40061	0.0	0.0	351.32
				13.036	46.81655	62.71345	85.00000	0.0	0.0	0.38936	0.0	0.0	351.32
				13.537	47.31218	62.63782	85.00000	0.0	0.0	0.37586	0.0	0.0	351.32
				14.038	47.80782	62.56218	85.00000	0.0	0.0	0.36011	0.0	0.0	351.32
				14.540	48.30345	62.48655	85.00000	0.0	0.0	0.34216	0.0	0.0	351.32
				15.041	48.79909	62.41091	85.00000	0.0	0.0	0.32202	0.0	0.0	351.32
				15.543	49.29473	62.33527	85.00000	0.0	0.0	0.29972	0.0	0.0	351.32
				16.044	49.79036	62.25964	85.00000	0.0	0.0	0.27531	0.0	0.0	351.32
				16.545	50.28600	62.18400	85.00000	0.0	0.0	0.24881	0.0	0.0	351.32
				17.047	50.78164	62.10836	85.00000	0.0	0.0	0.22026	0.0	0.0	351.32
				17.548	51.27727	62.03273	85.00000	0.0	0.0	0.18970	0.0	0.0	351.32
				18.049	51.77291	61.95709	85.00000	0.0	0.0	0.15718	0.0	0.0	351.32
				18.551	52.26855	61.88145	85.00000	0.0	0.0	0.12272	0.0	0.0	351.32
				19.052	52.76418	61.80582	85.00000	0.0	0.0	0.086387	0.0	0.0	351.32
				19.554	53.25982	61.73018	85.00000	0.0	0.0	0.048212	0.0	0.0	351.32
				20.055	53.75545	61.65455	85.00000	0.0	0.0	0.0082415	0.0	0.0	351.32
				20.556	54.25109	61.57891	85.00000	0.0	0.0	-0.0098641	0.0	0.0	351.32
				21.058	54.74673	61.50327	85.00000	0.0	0.0	-0.010099	0.0	0.0	351.32
				21.559	55.24236	61.42764	85.00000	0.0	0.0	-0.010090	0.0	0.0	351.32
				22.060	55.73800	61.35200	85.00000	0.0	0.0	-0.010190	0.0	0.0	351.32
				22.562	56.23364	61.27636	85.00000	0.0	0.0	-0.010281	0.0	0.0	351.32
				23.063	56.72927	61.20073	85.00000	0.0	0.0	-0.010363	0.0	0.0	351.32
				23.565	57.22491	61.12509	85.00000	0.0	0.0	-0.010435	0.0	0.0	351.32
				24.066	57.72055	61.04945	85.00000	0.0	0.0	-0.010496	0.0	0.0	351.32
				24.567	58.21618	60.97382	85.00000	0.0	0.0	-0.010548	0.0	0.0	351.32
				25.069	58.71182	60.89818	85.00000	0.0	0.0	-0.010590	0.0	0.0	351.32
				25.570	59.20745	60.82255	85.00000	0.0	0.0	-0.010621	0.0	0.0	351.32
				26.071	59.70309	60.74691	85.00000	0.0	0.0	-0.010642	0.0	0.0	351.32
				26.573	60.19873	60.67127	85.00000	0.0	0.0	-0.010654	0.0	0.0	351.32
				27.074	60.69436	60.59564	85.00000	0.0	0.0	-0.010656	0.0	0.0	351.32
				27.576	61.19000	60.52000	85.00000	0.0	0.0	-0.010648	0.0	0.0	351.32
				0.0	61.19000	60.52000	85.00000	0.0	0.0	-0.010648	0.0	0.0	343.68
				0.49460	61.68467	60.38100	85.00000	0.0	0.0	-0.010635	0.0	0.0	343.68
				0.98920	62.13933	60.24200	85.00000	0.0	0.0	-0.010617	0.0	0.0	343.68
				1.4838	62.61400	60.10300	85.00000	0.0	0.0	-0.010592	0.0	0.0	343.68
				1.9784	63.08867	59.96400	85.00000	0.0	0.0	-0.010562	0.0	0.0	343.68
				2.4730	63.56333	59.82500	85.00000	0.0	0.0	-0.010526	0.0	0.0	343.68
				2.9676	64.03800	59.68600	85.00000	0.0	0.0	-0.010484	0.0	0.0	343.68
				3.4622	64.51267	59.54700	85.00000	0.0	0.0	-0.010437	0.0	0.0	343.68
				3.9568	64.98733	59.40800	85.00000	0.0	0.0	-0.010385	0.0	0.0	343.68
				4.4514	65.46200	59.26900	85.00000	0.0	0.0	-0.010327	0.0	0.0	343.68
				4.9460	65.93667	59.13000	85.00000	0.0	0.0	-0.010265	0.0	0.0	343.68
				5.4406	66.41133	58.99100	85.00000	0.0	0.0	-0.010197	0.0	0.0	343.68
				5.9352	66.88600	58.85200	85.00000	0.0	0.0	-0.010125	0.0	0.0	343.68
				6.4298	67.36067	58.71300	85.00000	0.0	0.0	-0.010048	0.0	0.0	343.68
				6.9244	67.83533	58.57400	85.00000	0.0	0.0	-0.0099678	0.0	0.0	343.68
				7.4190	68.31000	58.43500	85.00000	0.0	0.0	-0.0098831	0.0	0.0	343.68
				7.9136	68.78467	58.29600	85.00000	0.0	0.0	-0.0097947	0.0	0.0	343.68
				8.4082	69.25933	58.15700	85.00000	0.0	0.0	-0.0097028	0.0	0.0	343.68
				8.9028	69.73400	58.01800	85.00000	0.0	0.0	-0.0096076	0.0	0.0	343.68
				9.3974	70.20867	57.87900	85.00000	0.0	0.0	-0.0095095	0.0	0.0	343.68
				9.8920	70.68333	57.74000	85.00000	0.0	0.0	-0.0094086	0.0	0.0	343.68
				10.387	71.15800	57.60100	85.00000	0.0	0.0	-0.0093051	0.0	0.0	343.68
				10.881	71.63267	57.46200	85.00000	0.0	0.0	-0.0091993	0.0	0.0	343.68
				11.376	72.10733	57.32300	85.00000	0.0	0.0	-0.0090914	0.0	0.0	343.68
				11.870	72.58200	57.18400	85.00000	0.0	0.0	-0.0089817	0.0	0.0	343.68
				12.365	73.05667	57.04500	85.00000	0.0	0.0	-0.0088704	0.0	0.0	343.68
				12.860	73.53133	56.90600	85.00000	0.0	0.0	-0.0087576	0.0	0.0	343.68
				13.354	74.00600	56.76700	85.00000	0.0	0.0	-0.0086436	0.0	0.0	343.68
				13.849	74.48067	56.62800	85.00000	0.0	0.0	-0.0085286	0.0	0.0	343.68
				14.343	74.95533	56.48900	85.00000	0.0	0.0	-0.0084127	0.0	0.0	343.68
				14.838	75.43000	56.35000	85.00000	0.0	0.0	-0.0082962	0.0	0.0	343.68

* Result includes imported displacement(s).

Displacement Results - Displacement Grids

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0	Base Model 1	Grid 1		0.00000	0.00000	85.00000	0.0	0.0	-0.0053387
				0.75430	0.00000	85.00000	0.0	0.0	-0.0054660
				1.50860	0.00000	85.00000	0.0	0.0	-0.0055953
				2.26290	0.00000	85.00000	0.0	0.0	-0.0057265
				3.01720	0.00000	85.00000	0.0	0.0	-0.0058594
				3.77150	0.00000	85.00000	0.0	0.0	-0.0059941
				4.52580	0.00000	85.00000	0.0	0.0	-0.0061303
				5.28010	0.00000	85.00000	0.0	0.0	-0.0062678
				6.03440	0.00000	85.00000	0.0	0.0	-0.0064066
				6.78870	0.00000	85.00000	0.0	0.0	-0.0065465
				7.54300	0.00000	85.00000	0.0	0.0	-0.0066872
				8.29730	0.00000	85.00000	0.0	0.0	-0.0068285
				9.05160	0.00000	85.00000	0.0	0.0	-0.0069703
				9.80590	0.00000	85.00000	0.0	0.0	-0.0071122
				10.56020	0.00000	85.00000	0.0	0.0	-0.0072541
				11.31450	0.00000	85.00000	0.0	0.0	-0.0073956
				12.06880	0.00000	85.00000	0.0	0.0	-0.0075366
				12.82310	0.00000	85.00000	0.0	0.0	-0.0076766
				13.57740	0.00000	85.00000	0.0	0.0	-0.0078155
				14.33170	0.00000	85.00000	0.0	0.0	-0.0079528
				15.08600	0.00000	85.00000	0.0	0.0	-0.0080883
				15.84030	0.00000	85.00000	0.0	0.0	-0.0082217
				16.59460	0.00000	85.00000	0.0	0.0	-0.0083527
				17.34890	0.00000	85.00000	0.0	0.0	-0.0084809
				18.10320	0.00000	85.00000	0.0	0.0	-0.0086061

Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				34.69780	0.00000	85.00000	0.0	0.0	-0.010203	*					
				35.45210	0.00000	85.00000	0.0	0.0	-0.010219	*					
				36.20640	0.00000	85.00000	0.0	0.0	-0.010231	*					
				36.96070	0.00000	85.00000	0.0	0.0	-0.010239	*					
				37.71500	0.00000	85.00000	0.0	0.0	-0.010243	*					
				38.46930	0.00000	85.00000	0.0	0.0	-0.010243	*					
				39.22360	0.00000	85.00000	0.0	0.0	-0.010239	*					
				39.97790	0.00000	85.00000	0.0	0.0	-0.010231	*					
				40.73220	0.00000	85.00000	0.0	0.0	-0.010218	*					
				41.48650	0.00000	85.00000	0.0	0.0	-0.010202	*					
				42.24080	0.00000	85.00000	0.0	0.0	-0.010181	*					
				42.99510	0.00000	85.00000	0.0	0.0	-0.010157	*					
				43.74940	0.00000	85.00000	0.0	0.0	-0.010127	*					
				44.50370	0.00000	85.00000	0.0	0.0	-0.010094	*					
				45.25800	0.00000	85.00000	0.0	0.0	-0.010055	*					
				46.01230	0.00000	85.00000	0.0	0.0	-0.010013	*					
				46.76660	0.00000	85.00000	0.0	0.0	-0.0099648	*					
				47.52090	0.00000	85.00000	0.0	0.0	-0.0099121	*					
				48.27520	0.00000	85.00000	0.0	0.0	-0.0098545	*					
				49.02950	0.00000	85.00000	0.0	0.0	-0.0097918	*					
				49.78380	0.00000	85.00000	0.0	0.0	-0.0097240	*					
				50.53810	0.00000	85.00000	0.0	0.0	-0.0096511	*					
				51.29240	0.00000	85.00000	0.0	0.0	-0.0095731	*					
				52.04670	0.00000	85.00000	0.0	0.0	-0.0094899	*					
				52.80100	0.00000	85.00000	0.0	0.0	-0.0094018	*					
				53.55530	0.00000	85.00000	0.0	0.0	-0.0093087	*					
				54.30960	0.00000	85.00000	0.0	0.0	-0.0092107	*					
				55.06390	0.00000	85.00000	0.0	0.0	-0.0091082	*					
				55.81820	0.00000	85.00000	0.0	0.0	-0.0090011	*					
				56.57250	0.00000	85.00000	0.0	0.0	-0.0088898	*					
				57.32680	0.00000	85.00000	0.0	0.0	-0.0087744	*					
				58.08110	0.00000	85.00000	0.0	0.0	-0.0086552	*					
				58.83540	0.00000	85.00000	0.0	0.0	-0.0085325	*					
				59.58970	0.00000	85.00000	0.0	0.0	-0.0084065	*					
				60.34400	0.00000	85.00000	0.0	0.0	-0.0082776	*					
				61.09830	0.00000	85.00000	0.0	0.0	-0.0081461	*					
				61.85260	0.00000	85.00000	0.0	0.0	-0.0080122	*					
				62.60690	0.00000	85.00000	0.0	0.0	-0.0078763	*					
				63.36120	0.00000	85.00000	0.0	0.0	-0.0077387	*					
				64.11550	0.00000	85.00000	0.0	0.0	-0.0075997	*					
				64.86980	0.00000	85.00000	0.0	0.0	-0.0074596	*					
				65.62410	0.00000	85.00000	0.0	0.0	-0.0073187	*					
				66.37840	0.00000	85.00000	0.0	0.0	-0.0071772	*					
				67.13270	0.00000	85.00000	0.0	0.0	-0.0070355	*					
				67.88700	0.00000	85.00000	0.0	0.0	-0.0068939	*					
				68.64130	0.00000	85.00000	0.0	0.0	-0.0067524	*					
				69.39560	0.00000	85.00000	0.0	0.0	-0.0066115	*					
				70.14990	0.00000	85.00000	0.0	0.0	-0.0064713	*					
				70.90420	0.00000	85.00000	0.0	0.0	-0.0063320	*					
				71.65850	0.00000	85.00000	0.0	0.0	-0.0061939	*					
				72.41280	0.00000	85.00000	0.0	0.0	-0.0060570	*					
				73.16710	0.00000	85.00000	0.0	0.0	-0.0059215	*					
				73.92140	0.00000	85.00000	0.0	0.0	-0.0057877	*					
				74.67570	0.00000	85.00000	0.0	0.0	-0.0056555	*					
				75.43000	0.00000	85.00000	0.0	0.0	-0.0055252	*					
				0.00000	0.72100	85.00000	0.0	0.0	-0.0054542	*					
				0.75430	0.72100	85.00000	0.0	0.0	-0.0055857	*					
				1.50860	0.72100	85.00000	0.0	0.0	-0.0057194	*					
				2.26290	0.72100	85.00000	0.0	0.0	-0.0058549	*					
				3.01720	0.72100	85.00000	0.0	0.0	-0.0059924	*					
				3.77150	0.72100	85.00000	0.0	0.0	-0.0061316	*					
				4.52580	0.72100	85.00000	0.0	0.0	-0.0062723	*					
				5.28010	0.72100	85.00000	0.0	0.0	-0.0064145	*					
				6.03440	0.72100	85.00000	0.0	0.0	-0.0065580	*					
				6.78870	0.72100	85.00000	0.0	0.0	-0.0067025	*					
				7.54300	0.72100	85.00000	0.0	0.0	-0.0068478	*					
				8.29730	0.72100	85.00000	0.0	0.0	-0.0069938	*					
				9.05160	0.72100	85.00000	0.0	0.0	-0.0071402	*					
				9.80590	0.72100	85.00000	0.0	0.0	-0.0072866	*					
				10.56020	0.72100	85.00000	0.0	0.0	-0.0074329	*					
				11.31450	0.72100	85.00000	0.0	0.0	-0.0075787	*					
				12.06880	0.72100	85.00000	0.0	0.0	-0.0077238	*					
				12.82310	0.72100	85.00000	0.0	0.0	-0.0078678	*					
				13.57740	0.72100	85.00000	0.0	0.0	-0.0080105	*					
				14.33170	0.72100	85.00000	0.0	0.0	-0.0081514	*					
				15.08600	0.72100	85.00000	0.0	0.0	-0.0082902	*					
				15.84030	0.72100	85.00000	0.0	0.0	-0.0084266	*					
				16.59460	0.72100	85.00000	0.0	0.0	-0.0085603	*					
				17.34890	0.72100	85.00000	0.0	0.0	-0.0086908	*					
				18.10320	0.72100	85.00000	0.0	0.0	-0.0088180	*					
				18.85750	0.72100	85.00000	0.0	0.0	-0.0089414	*					
				19.61180	0.72100	85.00000	0.0	0.0	-0.0090608	*					
				20.36610	0.72100	85.00000	0.0	0.0	-0.0091758	*					
				21.12040	0.72100	85.00000	0.0	0.0	-0.0092862	*					
				21.87470	0.72100	85.00000	0.0	0.0	-0.0093919	*					
				22.62900	0.72100	85.00000	0.0	0.0	-0.0094924	*					
				23.38330	0.72100	85.00000	0.0	0.0	-0.0095877	*					
				24.13760	0.72100	85.00000	0.0	0.0	-0.0096777	*					
				24.89190	0.72100	85.00000	0.0	0.0	-0.0097622	*					
				25.64620	0.72100	85.00000	0.0	0.0	-0.0098411	*					
				26.40050	0.72100	85.00000	0.0	0.0	-0.0099145	*					
				27.15480	0.72100	85.00000	0.0	0.0	-0.0099822	*					
				27.90910	0.72100	85.00000	0.0	0.0	-0.010044	*					
				28.66340	0.72100	85.00000	0.0	0.0	-0.010101	*					
				29.41770	0.72100	85.00000	0.0	0.0	-0.010153	*					
				30.17200	0.72100	85.00000	0.0	0.0	-0.010199	*					
				30.92630	0.72100	85.00000	0.0	0.0	-0.010240	*					
				31.68060	0.72100	85.00000	0.0	0.0	-0.010276	*					
				32.43490	0.72100	85.00000	0.0	0.0	-0.010307	*					
				33.18920	0.72100	85.00000	0.0	0.0	-0.010334	*					
				33.94350	0.72100	85.00000	0.0	0.0	-0.010357	*					
				34.6978											



Highgate Cemetery
B2

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				56.57250	0.72100	85.00000	0.0	0.0	-0.0091016	*
				57.32680	0.72100	85.00000	0.0	0.0	-0.0089854	*
				58.08110	0.72100	85.00000	0.0	0.0	-0.0088651	*
				58.83540	0.72100	85.00000	0.0	0.0	-0.0087408	*
				59.58970	0.72100	85.00000	0.0	0.0	-0.0086129	*
				60.34400	0.72100	85.00000	0.0	0.0	-0.0084816	*
				61.09830	0.72100	85.00000	0.0	0.0	-0.0083474	*
				61.85260	0.72100	85.00000	0.0	0.0	-0.0082106	*
				62.60690	0.72100	85.00000	0.0	0.0	-0.0080714	*
				63.36120	0.72100	85.00000	0.0	0.0	-0.0079303	*
				64.11550	0.72100	85.00000	0.0	0.0	-0.0077875	*
				64.86980	0.72100	85.00000	0.0	0.0	-0.0076435	*
				65.62410	0.72100	85.00000	0.0	0.0	-0.0074984	*
				66.37840	0.72100	85.00000	0.0	0.0	-0.0073527	*
				67.13270	0.72100	85.00000	0.0	0.0	-0.0072067	*
				67.88700	0.72100	85.00000	0.0	0.0	-0.0070605	*
				68.64130	0.72100	85.00000	0.0	0.0	-0.0069146	*
				69.39560	0.72100	85.00000	0.0	0.0	-0.0067691	*
				70.14990	0.72100	85.00000	0.0	0.0	-0.0066243	*
				70.90420	0.72100	85.00000	0.0	0.0	-0.0064804	*
				71.65850	0.72100	85.00000	0.0	0.0	-0.0063376	*
				72.41280	0.72100	85.00000	0.0	0.0	-0.0061961	*
				73.16710	0.72100	85.00000	0.0	0.0	-0.0060562	*
				73.92140	0.72100	85.00000	0.0	0.0	-0.0059178	*
				74.67570	0.72100	85.00000	0.0	0.0	-0.0057813	*
				75.43000	0.72100	85.00000	0.0	0.0	-0.0056466	*
				0.00000	1.44200	85.00000	0.0	0.0	-0.0055712	*
				0.75430	1.44200	85.00000	0.0	0.0	-0.0055707	*
				1.50860	1.44200	85.00000	0.0	0.0	-0.0055845	*
				2.26290	1.44200	85.00000	0.0	0.0	-0.0055985	*
				3.01720	1.44200	85.00000	0.0	0.0	-0.0061270	*
				3.77150	1.44200	85.00000	0.0	0.0	-0.0062708	*
				4.52580	1.44200	85.00000	0.0	0.0	-0.0064162	*
				5.28010	1.44200	85.00000	0.0	0.0	-0.0065631	*
				6.03440	1.44200	85.00000	0.0	0.0	-0.0067112	*
				6.78870	1.44200	85.00000	0.0	0.0	-0.0068604	*
				7.54300	1.44200	85.00000	0.0	0.0	-0.0070104	*
				8.29730	1.44200	85.00000	0.0	0.0	-0.0071610	*
				9.05160	1.44200	85.00000	0.0	0.0	-0.0073118	*
				9.80590	1.44200	85.00000	0.0	0.0	-0.0074627	*
				10.56020	1.44200	85.00000	0.0	0.0	-0.0076133	*
				11.31450	1.44200	85.00000	0.0	0.0	-0.0077633	*
				12.06880	1.44200	85.00000	0.0	0.0	-0.0079124	*
				12.82310	1.44200	85.00000	0.0	0.0	-0.0080602	*
				13.57740	1.44200	85.00000	0.0	0.0	-0.0082063	*
				14.33170	1.44200	85.00000	0.0	0.0	-0.0083505	*
				15.08600	1.44200	85.00000	0.0	0.0	-0.0084922	*
				15.84030	1.44200	85.00000	0.0	0.0	-0.0086312	*
				16.59460	1.44200	85.00000	0.0	0.0	-0.0087670	*
				17.34890	1.44200	85.00000	0.0	0.0	-0.0088994	*
				18.10320	1.44200	85.00000	0.0	0.0	-0.0090279	*
				18.85750	1.44200	85.00000	0.0	0.0	-0.0091522	*
				19.61180	1.44200	85.00000	0.0	0.0	-0.0092720	*
				20.36610	1.44200	85.00000	0.0	0.0	-0.0093870	*
				21.12040	1.44200	85.00000	0.0	0.0	-0.0094968	*
				21.87470	1.44200	85.00000	0.0	0.0	-0.0096013	*
				22.62900	1.44200	85.00000	0.0	0.0	-0.0097002	*
				23.38330	1.44200	85.00000	0.0	0.0	-0.0097934	*
				24.13760	1.44200	85.00000	0.0	0.0	-0.0098808	*
				24.89190	1.44200	85.00000	0.0	0.0	-0.0099622	*
				25.64620	1.44200	85.00000	0.0	0.0	-0.0100038	*
				26.40050	1.44200	85.00000	0.0	0.0	-0.010107	*
				27.15480	1.44200	85.00000	0.0	0.0	-0.010171	*
				27.90910	1.44200	85.00000	0.0	0.0	-0.010228	*
				28.66340	1.44200	85.00000	0.0	0.0	-0.010280	*
				29.41770	1.44200	85.00000	0.0	0.0	-0.010327	*
				30.17200	1.44200	85.00000	0.0	0.0	-0.010368	*
				30.92630	1.44200	85.00000	0.0	0.0	-0.010405	*
				31.68060	1.44200	85.00000	0.0	0.0	-0.010436	*
				32.43490	1.44200	85.00000	0.0	0.0	-0.010463	*
				33.18920	1.44200	85.00000	0.0	0.0	-0.010486	*
				33.94350	1.44200	85.00000	0.0	0.0	-0.010504	*
				34.69780	1.44200	85.00000	0.0	0.0	-0.010519	*
				35.45210	1.44200	85.00000	0.0	0.0	-0.010531	*
				36.20640	1.44200	85.00000	0.0	0.0	-0.010539	*
				36.96070	1.44200	85.00000	0.0	0.0	-0.010543	*
				37.71500	1.44200	85.00000	0.0	0.0	-0.010545	*
				38.46930	1.44200	85.00000	0.0	0.0	-0.010544	*
				39.22360	1.44200	85.00000	0.0	0.0	-0.010540	*
				39.97790	1.44200	85.00000	0.0	0.0	-0.010533	*
				40.73220	1.44200	85.00000	0.0	0.0	-0.010524	*
				41.48650	1.44200	85.00000	0.0	0.0	-0.010511	*
				42.24080	1.44200	85.00000	0.0	0.0	-0.010495	*
				42.99510	1.44200	85.00000	0.0	0.0	-0.010475	*
				43.74940	1.44200	85.00000	0.0	0.0	-0.010452	*
				44.50370	1.44200	85.00000	0.0	0.0	-0.010425	*
				45.25800	1.44200	85.00000	0.0	0.0	-0.010394	*
				46.01230	1.44200	85.00000	0.0	0.0	-0.010359	*
				46.76660	1.44200	85.00000	0.0	0.0	-0.010319	*
				47.52090	1.44200	85.00000	0.0	0.0	-0.010274	*
				48.27520	1.44200	85.00000	0.0	0.0	-0.010225	*
				49.02950	1.44200	85.00000	0.0	0.0	-0.010170	*
				49.78380	1.44200	85.00000	0.0	0.0	-0.010109	*
				50.53810	1.44200	85.00000	0.0	0.0	-0.010043	*
				51.29240	1.44200	85.00000	0.0	0.0	-0.0099712	*
				52.04670	1.44200	85.00000	0.0	0.0	-0.0098936	*
				52.80100	1.44200	85.00000	0.0	0.0	-0.0098103	*
				53.55530	1.44200	85.00000	0.0	0.0	-0.0097211	*
				54.30960	1.44200	85.00000	0.0	0.0	-0.0096263	*
				55.06390	1.44200	85.00000	0.0	0.0	-0.0095258	*
				55.81820	1.44200	85.00000	0.0	0.0	-0.0094200	*
				56.57250	1.44200	85.00000	0.0	0.0	-0.0093089	*
				57.32680	1.44200	85.00000	0.0	0.0	-0.0091929	*
				58.08110	1.44200	85.00000	0.0	0.0	-0.0090721	*
				58.83540	1.44200	85.00000	0.0	0.0	-0.0089474	*
				59.58970	1.44200	85.00000	0.0	0.0	-0.0088177	*
				60.34400	1.44200	85.00000	0.0	0.0	-0.0086848	*
				61.09830	1.44200	85.00000	0.0	0.0	-0.0085484	*
				61.85260	1.44200	85.00000	0.0	0.0	-0.0084090	*
				62.60690	1.44200	85.00000	0.0	0.0	-0.0082669	*
				63.36120	1.44200	85.00000	0.0	0.0	-0.0081226	*
				64.11550	1.44200	85.00000	0.0	0.0	-0.0079764	*
				64.86980	1.44200	85.00000	0.0	0.0	-0.0078286	*
				65.62410	1.44200	85.00000	0.0	0.0	-0.0076796	*
				66.37840	1.44200	85.00000	0.0	0.0	-0.0075298	*
				67.13270	1.44200	85.00000	0.0	0.0	-0.0073795	*
				67.88700	1.44200	85.00000	0.0	0.0	-0.0072289	*
				68.64130	1.44200	85.00000	0.0	0.0	-0.0070785	*
				69.39560	1.44200	85.00000	0.0	0.0	-0.0069284	*
				70.14990	1.44200	85.00000	0.0	0.0	-0.0067790	*
				70.90420	1.44200	85.00000	0.0	0.0	-0.0066305	*
				71.65850	1.44200	85.00000	0.0	0.0	-0.0064831	*
				72.41280	1.44200	85.00000	0.0	0.0	-0.0063370	*
				73.16710	1.44200	85.00000	0.0	0.0	-0.0061925	*
				73.92140	1.44200	85.00000	0.0	0.0	-0.0060496	*
				74.67570	1.44200	85.00000	0.0	0.0	-0.0059086	*
				75.43000	1.44200	85.00000	0.0	0.0	-0.0057695	*
				0.00000	2.16300	85.00000	0.0	0.0	-0.0056894	*
				0.75430	2.16300	85.00000	0.0	0.0	-0.0055829	*
				1.50860	2.16300	85.00000	0.0	0.0	-0.0055972	*



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Job No.	Sheet No.	Rev.
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Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				2.26290	2.16300	85.00000	0.0	0.0	-0.0061166	*
				3.01720	2.16300	85.00000	0.0	0.0	-0.0062632	*
				3.77150	2.16300	85.00000	0.0	0.0	-0.0064116	*
				4.52580	2.16300	85.00000	0.0	0.0	-0.0065617	*
				5.28010	2.16300	85.00000	0.0	0.0	-0.0067133	*
				6.03440	2.16300	85.00000	0.0	0.0	-0.0068661	*
				6.78870	2.16300	85.00000	0.0	0.0	-0.0070199	*
				7.54300	2.16300	85.00000	0.0	0.0	-0.0071746	*
				8.29730	2.16300	85.00000	0.0	0.0	-0.0073297	*
				9.05160	2.16300	85.00000	0.0	0.0	-0.0074850	*
				9.80590	2.16300	85.00000	0.0	0.0	-0.0076402	*
				10.56020	2.16300	85.00000	0.0	0.0	-0.0077950	*
				11.31450	2.16300	85.00000	0.0	0.0	-0.0079490	*
				12.06880	2.16300	85.00000	0.0	0.0	-0.0081018	*
				12.82310	2.16300	85.00000	0.0	0.0	-0.0082531	*
				13.57740	2.16300	85.00000	0.0	0.0	-0.0084024	*
				14.33170	2.16300	85.00000	0.0	0.0	-0.0085494	*
				15.08600	2.16300	85.00000	0.0	0.0	-0.0086936	*
				15.84030	2.16300	85.00000	0.0	0.0	-0.0088346	*
				16.59460	2.16300	85.00000	0.0	0.0	-0.0089720	*
				17.34890	2.16300	85.00000	0.0	0.0	-0.0091055	*
				18.10320	2.16300	85.00000	0.0	0.0	-0.0092345	*
				18.85750	2.16300	85.00000	0.0	0.0	-0.0093589	*
				19.61180	2.16300	85.00000	0.0	0.0	-0.0094781	*
				20.36610	2.16300	85.00000	0.0	0.0	-0.0095918	*
				21.12040	2.16300	85.00000	0.0	0.0	-0.0096999	*
				21.87470	2.16300	85.00000	0.0	0.0	-0.0098020	*
				22.62900	2.16300	85.00000	0.0	0.0	-0.0098979	*
				23.38330	2.16300	85.00000	0.0	0.0	-0.0099875	*
				24.13760	2.16300	85.00000	0.0	0.0	-0.0100071	*
				24.89190	2.16300	85.00000	0.0	0.0	-0.0101147	*
				25.64620	2.16300	85.00000	0.0	0.0	-0.0102018	*
				26.40050	2.16300	85.00000	0.0	0.0	-0.010281	*
				27.15480	2.16300	85.00000	0.0	0.0	-0.010339	*
				27.90910	2.16300	85.00000	0.0	0.0	-0.010390	*
				28.66340	2.16300	85.00000	0.0	0.0	-0.010436	*
				29.41770	2.16300	85.00000	0.0	0.0	-0.010476	*
				30.17200	2.16300	85.00000	0.0	0.0	-0.010510	*
				30.92630	2.16300	85.00000	0.0	0.0	-0.010540	*
				31.68060	2.16300	85.00000	0.0	0.0	-0.010565	*
				32.43490	2.16300	85.00000	0.0	0.0	-0.010596	*
				33.18920	2.16300	85.00000	0.0	0.0	-0.010603	*
				33.94350	2.16300	85.00000	0.0	0.0	-0.010616	*
				34.69780	2.16300	85.00000	0.0	0.0	-0.010627	*
				35.45210	2.16300	85.00000	0.0	0.0	-0.010634	*
				36.20640	2.16300	85.00000	0.0	0.0	-0.010639	*
				36.96070	2.16300	85.00000	0.0	0.0	-0.010641	*
				37.71500	2.16300	85.00000	0.0	0.0	-0.010642	*
				38.46930	2.16300	85.00000	0.0	0.0	-0.010640	*
				39.22360	2.16300	85.00000	0.0	0.0	-0.010636	*
				39.97790	2.16300	85.00000	0.0	0.0	-0.010630	*
				40.73220	2.16300	85.00000	0.0	0.0	-0.010622	*
				41.48650	2.16300	85.00000	0.0	0.0	-0.010612	*
				42.24080	2.16300	85.00000	0.0	0.0	-0.010600	*
				42.99510	2.16300	85.00000	0.0	0.0	-0.010585	*
				43.74940	2.16300	85.00000	0.0	0.0	-0.010566	*
				44.50370	2.16300	85.00000	0.0	0.0	-0.010545	*
				45.25800	2.16300	85.00000	0.0	0.0	-0.010520	*
				46.01230	2.16300	85.00000	0.0	0.0	-0.010491	*
				46.76660	2.16300	85.00000	0.0	0.0	-0.010457	*
				47.52090	2.16300	85.00000	0.0	0.0	-0.010419	*
				48.27520	2.16300	85.00000	0.0	0.0	-0.010376	*
				49.02950	2.16300	85.00000	0.0	0.0	-0.010327	*
				49.78380	2.16300	85.00000	0.0	0.0	-0.010273	*
				50.53810	2.16300	85.00000	0.0	0.0	-0.010213	*
				51.29240	2.16300	85.00000	0.0	0.0	-0.010147	*
				52.04670	2.16300	85.00000	0.0	0.0	-0.010075	*
				52.80100	2.16300	85.00000	0.0	0.0	-0.0099960	*
				53.55530	2.16300	85.00000	0.0	0.0	-0.0099110	*
				54.30960	2.16300	85.00000	0.0	0.0	-0.0098198	*
				55.06390	2.16300	85.00000	0.0	0.0	-0.0097224	*
				55.81820	2.16300	85.00000	0.0	0.0	-0.0096190	*
				56.57250	2.16300	85.00000	0.0	0.0	-0.0095098	*
				57.32680	2.16300	85.00000	0.0	0.0	-0.0093950	*
				58.08110	2.16300	85.00000	0.0	0.0	-0.0092748	*
				58.83540	2.16300	85.00000	0.0	0.0	-0.0091497	*
				59.58970	2.16300	85.00000	0.0	0.0	-0.0090200	*
				60.34400	2.16300	85.00000	0.0	0.0	-0.0088859	*
				61.09830	2.16300	85.00000	0.0	0.0	-0.0087480	*
				61.85260	2.16300	85.00000	0.0	0.0	-0.0086066	*
				62.60690	2.16300	85.00000	0.0	0.0	-0.0084622	*
				63.36120	2.16300	85.00000	0.0	0.0	-0.0083150	*
				64.11550	2.16300	85.00000	0.0	0.0	-0.0081657	*
				64.86980	2.16300	85.00000	0.0	0.0	-0.0080144	*
				65.62410	2.16300	85.00000	0.0	0.0	-0.0078617	*
				66.37840	2.16300	85.00000	0.0	0.0	-0.0077080	*
				67.13270	2.16300	85.00000	0.0	0.0	-0.0075535	*
				67.88700	2.16300	85.00000	0.0	0.0	-0.0073987	*
				68.64130	2.16300	85.00000	0.0	0.0	-0.0072438	*
				69.39560	2.16300	85.00000	0.0	0.0	-0.0070893	*
				70.14990	2.16300	85.00000	0.0	0.0	-0.0069353	*
				70.90420	2.16300	85.00000	0.0	0.0	-0.0067822	*
				71.65850	2.16300	85.00000	0.0	0.0	-0.0066301	*
				72.41280	2.16300	85.00000	0.0	0.0	-0.0064794	*
				73.16710	2.16300	85.00000	0.0	0.0	-0.0063303	*
				73.92140	2.16300	85.00000	0.0	0.0	-0.0061828	*
				74.67570	2.16300	85.00000	0.0	0.0	-0.0060373	*
				75.43000	2.16300	85.00000	0.0	0.0	-0.0058938	*
				0.00000	2.88400	85.00000	0.0	0.0	-0.0058089	*
				0.75430	2.88400	85.00000	0.0	0.0	-0.0059535	*
				1.50860	2.88400	85.00000	0.0	0.0	-0.0061004	*
				2.26290	2.88400	85.00000	0.0	0.0	-0.0062496	*
				3.01720	2.88400	85.00000	0.0	0.0	-0.0064008	*
				3.77150	2.88400	85.00000	0.0	0.0	-0.0065539	*
				4.52580	2.88400	85.00000	0.0	0.0	-0.0067087	*
				5.28010	2.88400	85.00000	0.0	0.0	-0.0068649	*
				6.03440	2.88400	85.00000	0.0	0.0	-0.0070224	*
				6.78870	2.88400	85.00000	0.0	0.0	-0.0071809	*
				7.54300	2.88400	85.00000	0.0	0.0	-0.0073401	*
				8.29730	2.88400	85.00000	0.0	0.0	-0.0074997	*
				9.05160	2.88400	85.00000	0.0	0.0	-0.0076594	*
				9.80590	2.88400	85.00000	0.0	0.0	-0.0078188	*
				10.56020	2.88400	85.00000	0.0	0.0	-0.0079775	*
				11.31450	2.88400	85.00000	0.0	0.0	-0.0081352	*
				12.06880	2.88400	85.00000	0.0	0.0	-0.0082915	*
				12.82310	2.88400	85.00000	0.0	0.0	-0.0084459	*
				13.57740	2.88400	85.00000	0.0	0.0	-0.0085980	*
				14.33170	2.88400	85.00000	0.0	0.0	-0.0087473	*
				15.08600	2.88400	85.00000	0.0	0.0	-0.0088933	*
				15.84030	2.88400	85.00000	0.0	0.0	-0.0090357	*
				16.59460	2.88400	85.00000	0.0	0.0	-0.0091740	*
				17.34890	2.88400	85.00000	0.0	0.0	-0.0093076	*
				18.10320	2.88400	85.00000	0.0	0.0	-0.0094363	*
				18.85750	2.88400	85.00000	0.0	0.0	-0.0095595	*
				19.61180	2.88400	85.00000	0.0	0.0	-0.0096769	*
				20.36610	2.88400	85.00000	0.0	0.0	-0.0097982	*
				21.12040	2.88400	85.00000	0.0	0.0	-0.0098930	*
				21.87470	2.88400	85.00000	0.0	0.0	-0.0099911	*
				22.62900	2.88400	85.00000	0.0	0.0	-0.010082	*
				23.38330	2.88400	85.00000	0.0	0.0	-0.010167	*



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Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				24.13760	2.88400	85.00000	0.0	0.0	-0.010244	*
				24.89190	2.88400	85.00000	0.0	0.0	-0.010314	*
				25.64620	2.88400	85.00000	0.0	0.0	-0.010376	*
				26.40050	2.88400	85.00000	0.0	0.0	-0.010432	*
				27.15480	2.88400	85.00000	0.0	0.0	-0.010482	*
				27.90910	2.88400	85.00000	0.0	0.0	-0.010524	*
				28.66340	2.88400	85.00000	0.0	0.0	-0.010561	*
				29.41770	2.88400	85.00000	0.0	0.0	-0.010592	*
				30.17200	2.88400	85.00000	0.0	0.0	-0.010618	*
				30.92630	2.88400	85.00000	0.0	0.0	-0.010639	*
				31.68060	2.88400	85.00000	0.0	0.0	-0.010655	*
				32.43490	2.88400	85.00000	0.0	0.0	-0.010668	*
				33.18920	2.88400	85.00000	0.0	0.0	-0.010677	*
				33.94350	2.88400	85.00000	0.0	0.0	-0.010684	*
				34.69780	2.88400	85.00000	0.0	0.0	-0.010688	*
				35.45210	2.88400	85.00000	0.0	0.0	-0.010690	*
				36.20640	2.88400	85.00000	0.0	0.0	-0.010691	*
				36.96070	2.88400	85.00000	0.0	0.0	-0.010690	*
				37.71500	2.88400	85.00000	0.0	0.0	-0.010688	*
				38.46930	2.88400	85.00000	0.0	0.0	-0.010686	*
				39.22360	2.88400	85.00000	0.0	0.0	-0.010682	*
				39.97790	2.88400	85.00000	0.0	0.0	-0.010678	*
				40.73220	2.88400	85.00000	0.0	0.0	-0.010673	*
				41.48650	2.88400	85.00000	0.0	0.0	-0.010666	*
				42.24080	2.88400	85.00000	0.0	0.0	-0.010659	*
				42.99510	2.88400	85.00000	0.0	0.0	-0.010649	*
				43.74940	2.88400	85.00000	0.0	0.0	-0.010637	*
				44.50370	2.88400	85.00000	0.0	0.0	-0.010623	*
				45.25800	2.88400	85.00000	0.0	0.0	-0.010606	*
				46.01230	2.88400	85.00000	0.0	0.0	-0.010585	*
				46.76660	2.88400	85.00000	0.0	0.0	-0.010560	*
				47.52090	2.88400	85.00000	0.0	0.0	-0.010531	*
				48.27520	2.88400	85.00000	0.0	0.0	-0.010497	*
				49.02950	2.88400	85.00000	0.0	0.0	-0.010457	*
				49.78380	2.88400	85.00000	0.0	0.0	-0.010411	*
				50.53810	2.88400	85.00000	0.0	0.0	-0.010360	*
				51.29240	2.88400	85.00000	0.0	0.0	-0.010301	*
				52.04670	2.88400	85.00000	0.0	0.0	-0.010236	*
				52.80100	2.88400	85.00000	0.0	0.0	-0.010164	*
				53.55530	2.88400	85.00000	0.0	0.0	-0.010086	*
				54.30960	2.88400	85.00000	0.0	0.0	-0.009999	*
				55.06390	2.88400	85.00000	0.0	0.0	-0.0099072	*
				55.81820	2.88400	85.00000	0.0	0.0	-0.0098079	*
				56.57250	2.88400	85.00000	0.0	0.0	-0.0097019	*
				57.32680	2.88400	85.00000	0.0	0.0	-0.0095897	*
				58.08110	2.88400	85.00000	0.0	0.0	-0.0094714	*
				58.83540	2.88400	85.00000	0.0	0.0	-0.0093474	*
				59.58970	2.88400	85.00000	0.0	0.0	-0.0092181	*
				60.34400	2.88400	85.00000	0.0	0.0	-0.0090839	*
				61.09830	2.88400	85.00000	0.0	0.0	-0.0089453	*
				61.85260	2.88400	85.00000	0.0	0.0	-0.0088025	*
				62.60690	2.88400	85.00000	0.0	0.0	-0.0086563	*
				63.36120	2.88400	85.00000	0.0	0.0	-0.0085068	*
				64.11550	2.88400	85.00000	0.0	0.0	-0.0083547	*
				64.86980	2.88400	85.00000	0.0	0.0	-0.0082004	*
				65.62410	2.88400	85.00000	0.0	0.0	-0.0080449	*
				66.37840	2.88400	85.00000	0.0	0.0	-0.0078869	*
				67.13270	2.88400	85.00000	0.0	0.0	-0.0077285	*
				67.88700	2.88400	85.00000	0.0	0.0	-0.0075695	*
				68.64130	2.88400	85.00000	0.0	0.0	-0.0074104	*
				69.39560	2.88400	85.00000	0.0	0.0	-0.0072514	*
				70.14990	2.88400	85.00000	0.0	0.0	-0.0070929	*
				70.90420	2.88400	85.00000	0.0	0.0	-0.0069352	*
				71.65850	2.88400	85.00000	0.0	0.0	-0.0067786	*
				72.41280	2.88400	85.00000	0.0	0.0	-0.0066232	*
				73.16710	2.88400	85.00000	0.0	0.0	-0.0064694	*
				73.92140	2.88400	85.00000	0.0	0.0	-0.0063174	*
				74.67570	2.88400	85.00000	0.0	0.0	-0.0061673	*
				75.43000	2.88400	85.00000	0.0	0.0	-0.0060193	*
				0.00000	3.60500	85.00000	0.0	0.0	-0.0059294	*
				0.75430	3.60500	85.00000	0.0	0.0	-0.0060795	*
				1.50860	3.60500	85.00000	0.0	0.0	-0.0062300	*
				2.26290	3.60500	85.00000	0.0	0.0	-0.0063838	*
				3.01720	3.60500	85.00000	0.0	0.0	-0.0065397	*
				3.77150	3.60500	85.00000	0.0	0.0	-0.0066974	*
				4.52580	3.60500	85.00000	0.0	0.0	-0.0068569	*
				5.28010	3.60500	85.00000	0.0	0.0	-0.0070178	*
				6.03440	3.60500	85.00000	0.0	0.0	-0.0071800	*
				6.78870	3.60500	85.00000	0.0	0.0	-0.0073430	*
				7.54300	3.60500	85.00000	0.0	0.0	-0.0075067	*
				8.29730	3.60500	85.00000	0.0	0.0	-0.0076706	*
				9.05160	3.60500	85.00000	0.0	0.0	-0.0078345	*
				9.80590	3.60500	85.00000	0.0	0.0	-0.0079979	*
				10.56020	3.60500	85.00000	0.0	0.0	-0.0081603	*
				11.31450	3.60500	85.00000	0.0	0.0	-0.0083215	*
				12.06880	3.60500	85.00000	0.0	0.0	-0.0084808	*
				12.82310	3.60500	85.00000	0.0	0.0	-0.0086379	*
				13.57740	3.60500	85.00000	0.0	0.0	-0.0087922	*
				14.33170	3.60500	85.00000	0.0	0.0	-0.0089432	*
				15.08600	3.60500	85.00000	0.0	0.0	-0.0090994	*
				15.84030	3.60500	85.00000	0.0	0.0	-0.0092333	*
				16.59460	3.60500	85.00000	0.0	0.0	-0.0093715	*
				17.34890	3.60500	85.00000	0.0	0.0	-0.0095043	*
				18.10320	3.60500	85.00000	0.0	0.0	-0.0096313	*
				18.85750	3.60500	85.00000	0.0	0.0	-0.0097521	*
				19.61180	3.60500	85.00000	0.0	0.0	-0.0098663	*
				20.36610	3.60500	85.00000	0.0	0.0	-0.0099734	*
				21.12040	3.60500	85.00000	0.0	0.0	-0.010073	*
				21.87470	3.60500	85.00000	0.0	0.0	-0.010165	*
				22.62900	3.60500	85.00000	0.0	0.0	-0.010250	*
				23.38330	3.60500	85.00000	0.0	0.0	-0.010326	*
				24.13760	3.60500	85.00000	0.0	0.0	-0.010395	*
				24.89190	3.60500	85.00000	0.0	0.0	-0.010456	*
				25.64620	3.60500	85.00000	0.0	0.0	-0.010509	*
				26.40050	3.60500	85.00000	0.0	0.0	-0.010554	*
				27.15480	3.60500	85.00000	0.0	0.0	-0.010592	*
				27.90910	3.60500	85.00000	0.0	0.0	-0.010623	*
				28.66340	3.60500	85.00000	0.0	0.0	-0.010648	*
				29.41770	3.60500	85.00000	0.0	0.0	-0.010668	*
				30.17200	3.60500	85.00000	0.0	0.0	-0.010682	*
				30.92630	3.60500	85.00000	0.0	0.0	-0.010691	*
				31.68060	3.60500	85.00000	0.0	0.0	-0.010696	*
				32.43490	3.60500	85.00000	0.0	0.0	-0.010698	*
				33.18920	3.60500	85.00000	0.0	0.0	-0.010698	*
				33.94350	3.60500	85.00000	0.0	0.0	-0.010695	*
				34.69780	3.60500	85.00000	0.0	0.0	-0.010692	*
				35.45210	3.60500	85.00000	0.0	0.0	-0.010687	*
				36.20640	3.60500	85.00000	0.0	0.0	-0.010682	*
				36.96070	3.60500	85.00000	0.0	0.0	-0.010678	*
				37.71500	3.60500	85.00000	0.0	0.0	-0.010673	*
				38.46930	3.60500	85.00000	0.0	0.0	-0.010670	*
				39.22360	3.60500	85.00000	0.0	0.0	-0.010667	*
				39.97790	3.60500	85.00000	0.0	0.0	-0.010664	*
				40.73220	3.60500	85.00000	0.0	0.0	-0.010663	*
				41.48650	3.60500	85.00000	0.0	0.0	-0.010661	*
				42.24080	3.60500	85.00000	0.0	0.0	-0.010660	*
				42.99510	3.60500	85.00000	0.0	0.0	-0.010657	*
				43.74940	3.60500	85.00000	0.0	0.0	-0.010654	*
				44.50370	3.60500	85.00000	0.0	0.0	-0.010650	*
				45.25800	3.60500	85.00000	0.0	0.0	-0.010643	*



Highgate Cemetery
B2

A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				46.01230	3.60500	85.00000	0.0	0.0	-0.010633	*
				46.76660	3.60500	85.00000	0.0	0.0	-0.010619	*
				47.52090	3.60500	85.00000	0.0	0.0	-0.010602	*
				48.27520	3.60500	85.00000	0.0	0.0	-0.010579	*
				49.02950	3.60500	85.00000	0.0	0.0	-0.010551	*
				49.78380	3.60500	85.00000	0.0	0.0	-0.010517	*
				50.53810	3.60500	85.00000	0.0	0.0	-0.010476	*
				51.29240	3.60500	85.00000	0.0	0.0	-0.010428	*
				52.04670	3.60500	85.00000	0.0	0.0	-0.010373	*
				52.80100	3.60500	85.00000	0.0	0.0	-0.010311	*
				53.55530	3.60500	85.00000	0.0	0.0	-0.010241	*
				54.30960	3.60500	85.00000	0.0	0.0	-0.010163	*
				55.06390	3.60500	85.00000	0.0	0.0	-0.010077	*
				55.81820	3.60500	85.00000	0.0	0.0	-0.0099836	*
				56.57250	3.60500	85.00000	0.0	0.0	-0.0098827	*
				57.32680	3.60500	85.00000	0.0	0.0	-0.0097747	*
				58.08110	3.60500	85.00000	0.0	0.0	-0.0096597	*
				58.83540	3.60500	85.00000	0.0	0.0	-0.0095383	*
				59.58970	3.60500	85.00000	0.0	0.0	-0.0094107	*
				60.34400	3.60500	85.00000	0.0	0.0	-0.0092774	*
				61.09830	3.60500	85.00000	0.0	0.0	-0.0091389	*
				61.85260	3.60500	85.00000	0.0	0.0	-0.0089957	*
				62.60690	3.60500	85.00000	0.0	0.0	-0.0088483	*
				63.36120	3.60500	85.00000	0.0	0.0	-0.0086972	*
				64.11550	3.60500	85.00000	0.0	0.0	-0.0085429	*
				64.86980	3.60500	85.00000	0.0	0.0	-0.0083860	*
				65.62410	3.60500	85.00000	0.0	0.0	-0.0082268	*
				66.37840	3.60500	85.00000	0.0	0.0	-0.0080660	*
				67.13270	3.60500	85.00000	0.0	0.0	-0.0079039	*
				67.88700	3.60500	85.00000	0.0	0.0	-0.0077411	*
				68.64130	3.60500	85.00000	0.0	0.0	-0.0075778	*
				69.39560	3.60500	85.00000	0.0	0.0	-0.0074145	*
				70.14990	3.60500	85.00000	0.0	0.0	-0.0072516	*
				70.90420	3.60500	85.00000	0.0	0.0	-0.0070894	*
				71.65850	3.60500	85.00000	0.0	0.0	-0.0069282	*
				72.41280	3.60500	85.00000	0.0	0.0	-0.0067682	*
				73.16710	3.60500	85.00000	0.0	0.0	-0.0066098	*
				73.92140	3.60500	85.00000	0.0	0.0	-0.0064531	*
				74.67570	3.60500	85.00000	0.0	0.0	-0.0062984	*
				75.43000	3.60500	85.00000	0.0	0.0	-0.0061459	*
				0.00000	4.32600	85.00000	0.0	0.0	-0.0060510	*
				0.75430	4.32600	85.00000	0.0	0.0	-0.0062046	*
				1.50860	4.32600	85.00000	0.0	0.0	-0.0063607	*
				2.26290	4.32600	85.00000	0.0	0.0	-0.0065191	*
				3.01720	4.32600	85.00000	0.0	0.0	-0.0066796	*
				3.77150	4.32600	85.00000	0.0	0.0	-0.0068420	*
				4.52580	4.32600	85.00000	0.0	0.0	-0.0070062	*
				5.28010	4.32600	85.00000	0.0	0.0	-0.0071717	*
				6.03440	4.32600	85.00000	0.0	0.0	-0.0073385	*
				6.78870	4.32600	85.00000	0.0	0.0	-0.0075060	*
				7.54300	4.32600	85.00000	0.0	0.0	-0.0076740	*
				8.29730	4.32600	85.00000	0.0	0.0	-0.0078422	*
				9.05160	4.32600	85.00000	0.0	0.0	-0.0080100	*
				9.80590	4.32600	85.00000	0.0	0.0	-0.0081770	*
				10.56020	4.32600	85.00000	0.0	0.0	-0.0083429	*
				11.31450	4.32600	85.00000	0.0	0.0	-0.0085071	*
				12.06880	4.32600	85.00000	0.0	0.0	-0.0086690	*
				12.82310	4.32600	85.00000	0.0	0.0	-0.0088282	*
				13.57740	4.32600	85.00000	0.0	0.0	-0.0089841	*
				14.33170	4.32600	85.00000	0.0	0.0	-0.0091360	*
				15.08600	4.32600	85.00000	0.0	0.0	-0.0092835	*
				15.84030	4.32600	85.00000	0.0	0.0	-0.0094260	*
				16.59460	4.32600	85.00000	0.0	0.0	-0.0095629	*
				17.34890	4.32600	85.00000	0.0	0.0	-0.0096935	*
				18.10320	4.32600	85.00000	0.0	0.0	-0.0098175	*
				18.85750	4.32600	85.00000	0.0	0.0	-0.0099343	*
				19.61180	4.32600	85.00000	0.0	0.0	-0.0100043	*
				20.36610	4.32600	85.00000	0.0	0.0	-0.0101444	*
				21.12040	4.32600	85.00000	0.0	0.0	-0.010237	*
				21.87470	4.32600	85.00000	0.0	0.0	-0.010321	*
				22.62900	4.32600	85.00000	0.0	0.0	-0.010396	*
				23.38330	4.32600	85.00000	0.0	0.0	-0.010462	*
				24.13760	4.32600	85.00000	0.0	0.0	-0.010519	*
				24.89190	4.32600	85.00000	0.0	0.0	-0.010568	*
				25.64620	4.32600	85.00000	0.0	0.0	-0.010608	*
				26.40050	4.32600	85.00000	0.0	0.0	-0.010639	*
				27.15480	4.32600	85.00000	0.0	0.0	-0.010663	*
				27.90910	4.32600	85.00000	0.0	0.0	-0.010679	*
				28.66340	4.32600	85.00000	0.0	0.0	-0.010689	*
				29.41770	4.32600	85.00000	0.0	0.0	-0.010693	*
				30.17200	4.32600	85.00000	0.0	0.0	-0.010691	*
				30.92630	4.32600	85.00000	0.0	0.0	-0.010686	*
				31.68060	4.32600	85.00000	0.0	0.0	-0.010677	*
				32.43490	4.32600	85.00000	0.0	0.0	-0.010665	*
				33.18920	4.32600	85.00000	0.0	0.0	-0.010652	*
				33.94350	4.32600	85.00000	0.0	0.0	-0.010638	*
				34.69780	4.32600	85.00000	0.0	0.0	-0.010624	*
				35.45210	4.32600	85.00000	0.0	0.0	-0.010611	*
				36.20640	4.32600	85.00000	0.0	0.0	-0.010599	*
				36.96070	4.32600	85.00000	0.0	0.0	-0.010589	*
				37.71500	4.32600	85.00000	0.0	0.0	-0.010582	*
				38.46930	4.32600	85.00000	0.0	0.0	-0.010577	*
				39.22360	4.32600	85.00000	0.0	0.0	-0.010574	*
				39.97790	4.32600	85.00000	0.0	0.0	-0.010575	*
				40.73220	4.32600	85.00000	0.0	0.0	-0.010577	*
				41.48650	4.32600	85.00000	0.0	0.0	-0.010582	*
				42.24080	4.32600	85.00000	0.0	0.0	-0.010589	*
				42.99510	4.32600	85.00000	0.0	0.0	-0.010596	*
				43.74940	4.32600	85.00000	0.0	0.0	-0.010604	*
				44.50370	4.32600	85.00000	0.0	0.0	-0.010612	*
				45.25800	4.32600	85.00000	0.0	0.0	-0.010619	*
				46.01230	4.32600	85.00000	0.0	0.0	-0.010623	*
				46.76660	4.32600	85.00000	0.0	0.0	-0.010624	*
				47.52090	4.32600	85.00000	0.0	0.0	-0.010621	*
				48.27520	4.32600	85.00000	0.0	0.0	-0.010614	*
				49.02950	4.32600	85.00000	0.0	0.0	-0.010601	*
				49.78380	4.32600	85.00000	0.0	0.0	-0.010582	*
				50.53810	4.32600	85.00000	0.0	0.0	-0.010556	*
				51.29240	4.32600	85.00000	0.0	0.0	-0.010522	*
				52.04670	4.32600	85.00000	0.0	0.0	-0.010480	*
				52.80100	4.32600	85.00000	0.0	0.0	-0.010430	*
				53.55530	4.32600	85.00000	0.0	0.0	-0.010371	*
				54.30960	4.32600	85.00000	0.0	0.0	-0.010304	*
				55.06390	4.32600	85.00000	0.0	0.0	-0.010228	*
				55.81820	4.32600	85.00000	0.0	0.0	-0.010143	*
				56.57250	4.32600	85.00000	0.0	0.0	-0.010049	*
				57.32680	4.32600	85.00000	0.0	0.0	-0.0099473	*
				58.08110	4.32600	85.00000	0.0	0.0	-0.0098375	*
				58.83540	4.32600	85.00000	0.0	0.0	-0.0097202	*
				59.58970	4.32600	85.00000	0.0	0.0	-0.0095957	*
				60.34400	4.32600	85.00000	0.0	0.0	-0.0094646	*
				61.09830	4.32600	85.00000	0.0	0.0	-0.0093275	*
				61.85260	4.32600	85.00000	0.0	0.0	-0.0091848	*
				62.60690	4.32600	85.00000	0.0	0.0	-0.0090371	*
				63.36120	4.32600	85.00000	0.0	0.0	-0.0088851	*
				64.11550	4.32600	85.00000	0.0	0.0	-0.0087293	*
				64.86980	4.32600	85.00000	0.0	0.0	-0.0085703	*
				65.62410	4.32600	85.00000	0.0	0.0	-0.0084087	*
				66.37840	4.32600	85.00000	0.0	0.0	-0.0082448	*
				67.13270	4.32600	85.00000	0.0	0.0	-0.0080794	*



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				67.88700	4.32600	85.00000	0.0	0.0	-0.0079129
				68.64130	4.32600	85.00000	0.0	0.0	-0.0077457
				69.39560	4.32600	85.00000	0.0	0.0	-0.0075783
				70.14990	4.32600	85.00000	0.0	0.0	-0.0074111
				70.90420	4.32600	85.00000	0.0	0.0	-0.0072444
				71.65850	4.32600	85.00000	0.0	0.0	-0.0070787
				72.41280	4.32600	85.00000	0.0	0.0	-0.0069142
				73.16710	4.32600	85.00000	0.0	0.0	-0.0067511
				73.92140	4.32600	85.00000	0.0	0.0	-0.0065898
				74.67570	4.32600	85.00000	0.0	0.0	-0.0064306
				75.43000	4.32600	85.00000	0.0	0.0	-0.0062735
				0.00000	5.04700	85.00000	0.0	0.0	-0.0061734
				0.75430	5.04700	85.00000	0.0	0.0	-0.0063315
				1.50860	5.04700	85.00000	0.0	0.0	-0.0064922
				2.26290	5.04700	85.00000	0.0	0.0	-0.0066552
				3.01720	5.04700	85.00000	0.0	0.0	-0.0068204
				3.77150	5.04700	85.00000	0.0	0.0	-0.0069875
				4.52580	5.04700	85.00000	0.0	0.0	-0.0071563
				5.28010	5.04700	85.00000	0.0	0.0	-0.0073264
				6.03440	5.04700	85.00000	0.0	0.0	-0.0074976
				6.78870	5.04700	85.00000	0.0	0.0	-0.0076695
				7.54300	5.04700	85.00000	0.0	0.0	-0.0078417
				8.29730	5.04700	85.00000	0.0	0.0	-0.0080138
				9.05160	5.04700	85.00000	0.0	0.0	-0.0081853
				9.80590	5.04700	85.00000	0.0	0.0	-0.0083558
				10.56020	5.04700	85.00000	0.0	0.0	-0.0085247
				11.31450	5.04700	85.00000	0.0	0.0	-0.0086914
				12.06880	5.04700	85.00000	0.0	0.0	-0.0088553
				12.82310	5.04700	85.00000	0.0	0.0	-0.0090160
				13.57740	5.04700	85.00000	0.0	0.0	-0.0091726
				14.33170	5.04700	85.00000	0.0	0.0	-0.0093246
				15.08600	5.04700	85.00000	0.0	0.0	-0.0094714
				15.84030	5.04700	85.00000	0.0	0.0	-0.0096121
				16.59460	5.04700	85.00000	0.0	0.0	-0.0097463
				17.34890	5.04700	85.00000	0.0	0.0	-0.0098733
				18.10320	5.04700	85.00000	0.0	0.0	-0.0099925
				18.85750	5.04700	85.00000	0.0	0.0	-0.010103
				19.61180	5.04700	85.00000	0.0	0.0	-0.010205
				20.36610	5.04700	85.00000	0.0	0.0	-0.010298
				21.12040	5.04700	85.00000	0.0	0.0	-0.010380
				21.87470	5.04700	85.00000	0.0	0.0	-0.010453
				22.62900	5.04700	85.00000	0.0	0.0	-0.010516
				23.38330	5.04700	85.00000	0.0	0.0	-0.010568
				24.13760	5.04700	85.00000	0.0	0.0	-0.010611
				24.89190	5.04700	85.00000	0.0	0.0	-0.010643
				25.64620	5.04700	85.00000	0.0	0.0	-0.010666
				26.40050	5.04700	85.00000	0.0	0.0	-0.010679
				27.15480	5.04700	85.00000	0.0	0.0	-0.010684
				27.90910	5.04700	85.00000	0.0	0.0	-0.010682
				28.66340	5.04700	85.00000	0.0	0.0	-0.010672
				29.41770	5.04700	85.00000	0.0	0.0	-0.010656
				30.17200	5.04700	85.00000	0.0	0.0	-0.010635
				30.92630	5.04700	85.00000	0.0	0.0	-0.010610
				31.68060	5.04700	85.00000	0.0	0.0	-0.010583
				32.43490	5.04700	85.00000	0.0	0.0	-0.010554
				33.18920	5.04700	85.00000	0.0	0.0	-0.010525
				33.94350	5.04700	85.00000	0.0	0.0	-0.010496
				34.69780	5.04700	85.00000	0.0	0.0	-0.010469
				35.45210	5.04700	85.00000	0.0	0.0	-0.010445
				36.20640	5.04700	85.00000	0.0	0.0	-0.010424
				36.96070	5.04700	85.00000	0.0	0.0	-0.010407
				37.71500	5.04700	85.00000	0.0	0.0	-0.010396
				38.46930	5.04700	85.00000	0.0	0.0	-0.010389
				39.22360	5.04700	85.00000	0.0	0.0	-0.010387
				39.97790	5.04700	85.00000	0.0	0.0	-0.010391
				40.73220	5.04700	85.00000	0.0	0.0	-0.010400
				41.48650	5.04700	85.00000	0.0	0.0	-0.010413
				42.24080	5.04700	85.00000	0.0	0.0	-0.010429
				42.99510	5.04700	85.00000	0.0	0.0	-0.010449
				43.74940	5.04700	85.00000	0.0	0.0	-0.010472
				44.50370	5.04700	85.00000	0.0	0.0	-0.010495
				45.25800	5.04700	85.00000	0.0	0.0	-0.010518
				46.01230	5.04700	85.00000	0.0	0.0	-0.010541
				46.76660	5.04700	85.00000	0.0	0.0	-0.010561
				47.52090	5.04700	85.00000	0.0	0.0	-0.010578
				48.27520	5.04700	85.00000	0.0	0.0	-0.010590
				49.02950	5.04700	85.00000	0.0	0.0	-0.010597
				49.78380	5.04700	85.00000	0.0	0.0	-0.010597
				50.53810	5.04700	85.00000	0.0	0.0	-0.010590
				51.29240	5.04700	85.00000	0.0	0.0	-0.010574
				52.04670	5.04700	85.00000	0.0	0.0	-0.010550
				52.80100	5.04700	85.00000	0.0	0.0	-0.010516
				53.55530	5.04700	85.00000	0.0	0.0	-0.010472
				54.30960	5.04700	85.00000	0.0	0.0	-0.010418
				55.06390	5.04700	85.00000	0.0	0.0	-0.010355
				55.81820	5.04700	85.00000	0.0	0.0	-0.010281
				56.57250	5.04700	85.00000	0.0	0.0	-0.010198
				57.32680	5.04700	85.00000	0.0	0.0	-0.010104
				58.08110	5.04700	85.00000	0.0	0.0	-0.010002
				58.83540	5.04700	85.00000	0.0	0.0	-0.0098997
				59.58970	5.04700	85.00000	0.0	0.0	-0.0097712
				60.34400	5.04700	85.00000	0.0	0.0	-0.0096439
				61.09830	5.04700	85.00000	0.0	0.0	-0.0095094
				61.85260	5.04700	85.00000	0.0	0.0	-0.0093685
				62.60690	5.04700	85.00000	0.0	0.0	-0.0092217
				63.36120	5.04700	85.00000	0.0	0.0	-0.0090697
				64.11550	5.04700	85.00000	0.0	0.0	-0.0089132
				64.86980	5.04700	85.00000	0.0	0.0	-0.0087527
				65.62410	5.04700	85.00000	0.0	0.0	-0.0085891
				66.37840	5.04700	85.00000	0.0	0.0	-0.0084228
				67.13270	5.04700	85.00000	0.0	0.0	-0.0082544
				67.88700	5.04700	85.00000	0.0	0.0	-0.0080845
				68.64130	5.04700	85.00000	0.0	0.0	-0.0079137
				69.39560	5.04700	85.00000	0.0	0.0	-0.0077424
				70.14990	5.04700	85.00000	0.0	0.0	-0.0075710
				70.90420	5.04700	85.00000	0.0	0.0	-0.0074001
				71.65850	5.04700	85.00000	0.0	0.0	-0.0072299
				72.41280	5.04700	85.00000	0.0	0.0	-0.0070609
				73.16710	5.04700	85.00000	0.0	0.0	-0.0068933
				73.92140	5.04700	85.00000	0.0	0.0	-0.0067274
				74.67570	5.04700	85.00000	0.0	0.0	-0.0065635
				75.43000	5.04700	85.00000	0.0	0.0	-0.0064018
				0.00000	5.76800	85.00000	0.0	0.0	-0.0062965
				0.75430	5.76800	85.00000	0.0	0.0	-0.0064592
				1.50860	5.76800	85.00000	0.0	0.0	-0.0066244
				2.26290	5.76800	85.00000	0.0	0.0	-0.0067921
				3.01720	5.76800	85.00000	0.0	0.0	-0.0069619
				3.77150	5.76800	85.00000	0.0	0.0	-0.0071336
				4.52580	5.76800	85.00000	0.0	0.0	-0.0073070
				5.28010	5.76800	85.00000	0.0	0.0	-0.0074816
				6.03440	5.76800	85.00000	0.0	0.0	-0.0076571
				6.78870	5.76800	85.00000	0.0	0.0	-0.0078332
				7.54300	5.76800	85.00000	0.0	0.0	-0.0080094
				8.29730	5.76800	85.00000	0.0	0.0	-0.0081852
				9.05160	5.76800	85.00000	0.0	0.0	-0.0083601
				9.80590	5.76800	85.00000	0.0	0.0	-0.0085335
				10.56020	5.76800	85.00000	0.0	0.0	-0.0087049
				11.31450	5.76800	85.00000	0.0	0.0	-0.0088736
				12.06880	5.76800	85.00000	0.0	0.0	-0.0090389
				12.82310	5.76800	85.00000	0.0	0.0	-0.0092001



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				13.57740	5.76800	85.00000	0.0	0.0	-0.0093566
				14.33170	5.76800	85.00000	0.0	0.0	-0.0095076
				15.08600	5.76800	85.00000	0.0	0.0	-0.0096523
				15.84030	5.76800	85.00000	0.0	0.0	-0.0097899
				16.59460	5.76800	85.00000	0.0	0.0	-0.0099198
				17.34890	5.76800	85.00000	0.0	0.0	-0.0100041
				18.10320	5.76800	85.00000	0.0	0.0	-0.010153
				18.85750	5.76800	85.00000	0.0	0.0	-0.010256
				19.61180	5.76800	85.00000	0.0	0.0	-0.010348
				20.36610	5.76800	85.00000	0.0	0.0	-0.010429
				21.12040	5.76800	85.00000	0.0	0.0	-0.010499
				21.87470	5.76800	85.00000	0.0	0.0	-0.010557
				22.62900	5.76800	85.00000	0.0	0.0	-0.010604
				23.38330	5.76800	85.00000	0.0	0.0	-0.010638
				24.13760	5.76800	85.00000	0.0	0.0	-0.010662
				24.89190	5.76800	85.00000	0.0	0.0	-0.010673
				25.64620	5.76800	85.00000	0.0	0.0	-0.010674
				26.40050	5.76800	85.00000	0.0	0.0	-0.010665
				27.15480	5.76800	85.00000	0.0	0.0	-0.010646
				27.90910	5.76800	85.00000	0.0	0.0	-0.010619
				28.66340	5.76800	85.00000	0.0	0.0	-0.010584
				29.41770	5.76800	85.00000	0.0	0.0	-0.010543
				30.17200	5.76800	85.00000	0.0	0.0	-0.010498
				30.92630	5.76800	85.00000	0.0	0.0	-0.010449
				31.68060	5.76800	85.00000	0.0	0.0	-0.010398
				32.43490	5.76800	85.00000	0.0	0.0	-0.010347
				33.18920	5.76800	85.00000	0.0	0.0	-0.010297
				33.94350	5.76800	85.00000	0.0	0.0	-0.010249
				34.69780	5.76800	85.00000	0.0	0.0	-0.010206
				35.45210	5.76800	85.00000	0.0	0.0	-0.010167
				36.20640	5.76800	85.00000	0.0	0.0	-0.010135
				36.96070	5.76800	85.00000	0.0	0.0	-0.010111
				37.71500	5.76800	85.00000	0.0	0.0	-0.010093
				38.46930	5.76800	85.00000	0.0	0.0	-0.010085
				39.22360	5.76800	85.00000	0.0	0.0	-0.010084
				39.97790	5.76800	85.00000	0.0	0.0	-0.010092
				40.73220	5.76800	85.00000	0.0	0.0	-0.010108
				41.48650	5.76800	85.00000	0.0	0.0	-0.010131
				42.24080	5.76800	85.00000	0.0	0.0	-0.010162
				42.99510	5.76800	85.00000	0.0	0.0	-0.010197
				43.74940	5.76800	85.00000	0.0	0.0	-0.010238
				44.50370	5.76800	85.00000	0.0	0.0	-0.010281
				45.25800	5.76800	85.00000	0.0	0.0	-0.010326
				46.01230	5.76800	85.00000	0.0	0.0	-0.010372
				46.76660	5.76800	85.00000	0.0	0.0	-0.010416
				47.52090	5.76800	85.00000	0.0	0.0	-0.010458
				48.27520	5.76800	85.00000	0.0	0.0	-0.010495
				49.02950	5.76800	85.00000	0.0	0.0	-0.010527
				49.78380	5.76800	85.00000	0.0	0.0	-0.010552
				50.53810	5.76800	85.00000	0.0	0.0	-0.010568
				51.29240	5.76800	85.00000	0.0	0.0	-0.010576
				52.04670	5.76800	85.00000	0.0	0.0	-0.010573
				52.80100	5.76800	85.00000	0.0	0.0	-0.010560
				53.55530	5.76800	85.00000	0.0	0.0	-0.010536
				54.30960	5.76800	85.00000	0.0	0.0	-0.010501
				55.06390	5.76800	85.00000	0.0	0.0	-0.010453
				55.81820	5.76800	85.00000	0.0	0.0	-0.010394
				56.57250	5.76800	85.00000	0.0	0.0	-0.010324
				57.32680	5.76800	85.00000	0.0	0.0	-0.010242
				58.08110	5.76800	85.00000	0.0	0.0	-0.010150
				58.83540	5.76800	85.00000	0.0	0.0	-0.010047
				59.58970	5.76800	85.00000	0.0	0.0	-0.0099347
				60.34400	5.76800	85.00000	0.0	0.0	-0.0098131
				61.09830	5.76800	85.00000	0.0	0.0	-0.0096830
				61.85260	5.76800	85.00000	0.0	0.0	-0.0095452
				62.60690	5.76800	85.00000	0.0	0.0	-0.0094006
				63.36120	5.76800	85.00000	0.0	0.0	-0.0092497
				64.11550	5.76800	85.00000	0.0	0.0	-0.0090933
				64.86980	5.76800	85.00000	0.0	0.0	-0.0089323
				65.62410	5.76800	85.00000	0.0	0.0	-0.0087674
				66.37840	5.76800	85.00000	0.0	0.0	-0.0085991
				67.13270	5.76800	85.00000	0.0	0.0	-0.0084283
				67.88700	5.76800	85.00000	0.0	0.0	-0.0082555
				68.64130	5.76800	85.00000	0.0	0.0	-0.0080813
				69.39560	5.76800	85.00000	0.0	0.0	-0.0079064
				70.14990	5.76800	85.00000	0.0	0.0	-0.0077311
				70.90420	5.76800	85.00000	0.0	0.0	-0.0075560
				71.65850	5.76800	85.00000	0.0	0.0	-0.0073815
				72.41280	5.76800	85.00000	0.0	0.0	-0.0072081
				73.16710	5.76800	85.00000	0.0	0.0	-0.0070360
				73.92140	5.76800	85.00000	0.0	0.0	-0.0068656
				74.67570	5.76800	85.00000	0.0	0.0	-0.0066971
				75.43000	5.76800	85.00000	0.0	0.0	-0.0065309
				0.00000	6.48900	85.00000	0.0	0.0	-0.0064201
				0.75430	6.48900	85.00000	0.0	0.0	-0.0065874
				1.50860	6.48900	85.00000	0.0	0.0	-0.0067572
				2.26290	6.48900	85.00000	0.0	0.0	-0.0069295
				3.01720	6.48900	85.00000	0.0	0.0	-0.0071039
				3.77150	6.48900	85.00000	0.0	0.0	-0.0072801
				4.52580	6.48900	85.00000	0.0	0.0	-0.0074580
				5.28010	6.48900	85.00000	0.0	0.0	-0.0076369
				6.03440	6.48900	85.00000	0.0	0.0	-0.0078167
				6.78870	6.48900	85.00000	0.0	0.0	-0.0079967
				7.54300	6.48900	85.00000	0.0	0.0	-0.0081766
				8.29730	6.48900	85.00000	0.0	0.0	-0.0083558
				9.05160	6.48900	85.00000	0.0	0.0	-0.0085356
				9.80590	6.48900	85.00000	0.0	0.0	-0.0087096
				10.56020	6.48900	85.00000	0.0	0.0	-0.0088829
				11.31450	6.48900	85.00000	0.0	0.0	-0.0090528
				12.06880	6.48900	85.00000	0.0	0.0	-0.0092186
				12.82310	6.48900	85.00000	0.0	0.0	-0.0093796
				13.57740	6.48900	85.00000	0.0	0.0	-0.0095348
				14.33170	6.48900	85.00000	0.0	0.0	-0.0096834
				15.08600	6.48900	85.00000	0.0	0.0	-0.0098245
				15.84030	6.48900	85.00000	0.0	0.0	-0.0099573
				16.59460	6.48900	85.00000	0.0	0.0	-0.0100081
				17.34890	6.48900	85.00000	0.0	0.0	-0.0101195
				18.10320	6.48900	85.00000	0.0	0.0	-0.0102097
				18.85750	6.48900	85.00000	0.0	0.0	-0.010389
				19.61180	6.48900	85.00000	0.0	0.0	-0.010468
				20.36610	6.48900	85.00000	0.0	0.0	-0.010534
				21.12040	6.48900	85.00000	0.0	0.0	-0.010587
				21.87470	6.48900	85.00000	0.0	0.0	-0.010627
				22.62900	6.48900	85.00000	0.0	0.0	-0.010653
				23.38330	6.48900	85.00000	0.0	0.0	-0.010665
				24.13760	6.48900	85.00000	0.0	0.0	-0.010663
				24.89190	6.48900	85.00000	0.0	0.0	-0.010649
				25.64620	6.48900	85.00000	0.0	0.0	-0.010622
				26.40050	6.48900	85.00000	0.0	0.0	-0.010584
				27.15480	6.48900	85.00000	0.0	0.0	-0.010535
				27.90910	6.48900	85.00000	0.0	0.0	-0.010477
				28.66340	6.48900	85.00000	0.0	0.0	-0.010410
				29.41770	6.48900	85.00000	0.0	0.0	-0.010338
				30.17200	6.48900	85.00000	0.0	0.0	-0.010261
				30.92630	6.48900	85.00000	0.0	0.0	-0.010181
				31.68060	6.48900	85.00000	0.0	0.0	-0.010101
				32.43490	6.48900	85.00000	0.0	0.0	-0.010022
				33.18920	6.48900	85.00000	0.0	0.0	-0.0099458
				33.94350	6.48900	85.00000	0.0	0.0	-0.0098748
				34.69780	6.48900	85.00000	0.0	0.0	-0.0098105



Highgate Cemetery
B2

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				35.45210	6.48900	85.00000	0.0	0.0	-0.0097545
				36.20640	6.48900	85.00000	0.0	0.0	-0.0097082
				36.96070	6.48900	85.00000	0.0	0.0	-0.0096728
				37.71500	6.48900	85.00000	0.0	0.0	-0.0096490
				38.46930	6.48900	85.00000	0.0	0.0	-0.0096375
				39.22360	6.48900	85.00000	0.0	0.0	-0.0096384
				39.97790	6.48900	85.00000	0.0	0.0	-0.0096518
				40.73220	6.48900	85.00000	0.0	0.0	-0.0096771
				41.48650	6.48900	85.00000	0.0	0.0	-0.0097137
				42.24080	6.48900	85.00000	0.0	0.0	-0.0097605
				42.99510	6.48900	85.00000	0.0	0.0	-0.0098163
				43.74940	6.48900	85.00000	0.0	0.0	-0.0098795
				44.50370	6.48900	85.00000	0.0	0.0	-0.0099485
				45.25800	6.48900	85.00000	0.0	0.0	-0.010021
				46.01230	6.48900	85.00000	0.0	0.0	-0.010096
				46.76660	6.48900	85.00000	0.0	0.0	-0.010171
				47.52090	6.48900	85.00000	0.0	0.0	-0.010244
				48.27520	6.48900	85.00000	0.0	0.0	-0.010313
				49.02950	6.48900	85.00000	0.0	0.0	-0.010376
				49.78380	6.48900	85.00000	0.0	0.0	-0.010432
				50.53810	6.48900	85.00000	0.0	0.0	-0.010479
				51.29240	6.48900	85.00000	0.0	0.0	-0.010516
				52.04670	6.48900	85.00000	0.0	0.0	-0.010542
				52.80100	6.48900	85.00000	0.0	0.0	-0.010555
				53.55530	6.48900	85.00000	0.0	0.0	-0.010556
				54.30960	6.48900	85.00000	0.0	0.0	-0.010543
				55.06390	6.48900	85.00000	0.0	0.0	-0.010517
				55.81820	6.48900	85.00000	0.0	0.0	-0.010477
				56.57250	6.48900	85.00000	0.0	0.0	-0.010424
				57.32680	6.48900	85.00000	0.0	0.0	-0.010357
				58.08110	6.48900	85.00000	0.0	0.0	-0.010278
				58.83540	6.48900	85.00000	0.0	0.0	-0.010187
				59.58970	6.48900	85.00000	0.0	0.0	-0.010084
				60.34400	6.48900	85.00000	0.0	0.0	-0.0099699
				61.09830	6.48900	85.00000	0.0	0.0	-0.0098462
				61.85260	6.48900	85.00000	0.0	0.0	-0.0097133
				62.60690	6.48900	85.00000	0.0	0.0	-0.0095722
				63.36120	6.48900	85.00000	0.0	0.0	-0.0094238
				64.11550	6.48900	85.00000	0.0	0.0	-0.0092688
				64.86980	6.48900	85.00000	0.0	0.0	-0.0091081
				65.62410	6.48900	85.00000	0.0	0.0	-0.0089427
				66.37840	6.48900	85.00000	0.0	0.0	-0.0087732
				67.13270	6.48900	85.00000	0.0	0.0	-0.0086005
				67.88700	6.48900	85.00000	0.0	0.0	-0.0084252
				68.64130	6.48900	85.00000	0.0	0.0	-0.0082481
				69.39560	6.48900	85.00000	0.0	0.0	-0.0080698
				70.14990	6.48900	85.00000	0.0	0.0	-0.0078909
				70.90420	6.48900	85.00000	0.0	0.0	-0.0077119
				71.65850	6.48900	85.00000	0.0	0.0	-0.0075333
				72.41280	6.48900	85.00000	0.0	0.0	-0.0073555
				73.16710	6.48900	85.00000	0.0	0.0	-0.0071790
				73.92140	6.48900	85.00000	0.0	0.0	-0.0070041
				74.67570	6.48900	85.00000	0.0	0.0	-0.0068312
				75.43000	6.48900	85.00000	0.0	0.0	-0.0066604
				0.00000	7.21000	85.00000	0.0	0.0	-0.0065441
				0.75430	7.21000	85.00000	0.0	0.0	-0.0067159
				1.50860	7.21000	85.00000	0.0	0.0	-0.0068903
				2.26290	7.21000	85.00000	0.0	0.0	-0.0070672
				3.01720	7.21000	85.00000	0.0	0.0	-0.0072461
				3.77150	7.21000	85.00000	0.0	0.0	-0.0074268
				4.52580	7.21000	85.00000	0.0	0.0	-0.0076090
				5.28010	7.21000	85.00000	0.0	0.0	-0.0077921
				6.03440	7.21000	85.00000	0.0	0.0	-0.0079759
				6.78870	7.21000	85.00000	0.0	0.0	-0.0081596
				7.54300	7.21000	85.00000	0.0	0.0	-0.0083429
				8.29730	7.21000	85.00000	0.0	0.0	-0.0085250
				9.05160	7.21000	85.00000	0.0	0.0	-0.0087054
				9.80590	7.21000	85.00000	0.0	0.0	-0.0088832
				10.56020	7.21000	85.00000	0.0	0.0	-0.0090578
				11.31450	7.21000	85.00000	0.0	0.0	-0.0092282
				12.06880	7.21000	85.00000	0.0	0.0	-0.0093935
				12.82310	7.21000	85.00000	0.0	0.0	-0.0095530
				13.57740	7.21000	85.00000	0.0	0.0	-0.0097056
				14.33170	7.21000	85.00000	0.0	0.0	-0.0098503
				15.08600	7.21000	85.00000	0.0	0.0	-0.0099861
				15.84030	7.21000	85.00000	0.0	0.0	-0.010112
				16.59460	7.21000	85.00000	0.0	0.0	-0.010227
				17.34890	7.21000	85.00000	0.0	0.0	-0.010330
				18.10320	7.21000	85.00000	0.0	0.0	-0.010421
				18.85750	7.21000	85.00000	0.0	0.0	-0.010498
				19.61180	7.21000	85.00000	0.0	0.0	-0.010560
				20.36610	7.21000	85.00000	0.0	0.0	-0.010607
				21.12040	7.21000	85.00000	0.0	0.0	-0.010639
				21.87470	7.21000	85.00000	0.0	0.0	-0.010655
				22.62900	7.21000	85.00000	0.0	0.0	-0.010654
				23.38330	7.21000	85.00000	0.0	0.0	-0.010638
				24.13760	7.21000	85.00000	0.0	0.0	-0.010606
				24.89190	7.21000	85.00000	0.0	0.0	-0.010559
				25.64620	7.21000	85.00000	0.0	0.0	-0.010497
				26.40050	7.21000	85.00000	0.0	0.0	-0.010422
				27.15480	7.21000	85.00000	0.0	0.0	-0.010336
				27.90910	7.21000	85.00000	0.0	0.0	-0.010238
				28.66340	7.21000	85.00000	0.0	0.0	-0.010133
				29.41770	7.21000	85.00000	0.0	0.0	-0.010021
				30.17200	7.21000	85.00000	0.0	0.0	-0.0099043
				30.92630	7.21000	85.00000	0.0	0.0	-0.0097861
				31.68060	7.21000	85.00000	0.0	0.0	-0.0096686
				32.43490	7.21000	85.00000	0.0	0.0	-0.0095541
				33.18920	7.21000	85.00000	0.0	0.0	-0.0094453
				33.94350	7.21000	85.00000	0.0	0.0	-0.0093445
				34.69780	7.21000	85.00000	0.0	0.0	-0.0091997
				35.45210	7.21000	85.00000	0.0	0.0	-0.00915635
				36.20640	7.21000	85.00000	0.0	0.0	0.0040586
				36.96070	7.21000	85.00000	0.0	0.0	0.0096653
				37.71500	7.21000	85.00000	0.0	0.0	0.015255
				38.46930	7.21000	85.00000	0.0	0.0	0.020828
				39.22360	7.21000	85.00000	0.0	0.0	0.026383
				39.97790	7.21000	85.00000	0.0	0.0	0.031921
				40.73220	7.21000	85.00000	0.0	0.0	0.037441
				41.48650	7.21000	85.00000	0.0	0.0	0.042946
				42.24080	7.21000	85.00000	0.0	0.0	0.048436
				42.99510	7.21000	85.00000	0.0	0.0	0.052403
				43.74940	7.21000	85.00000	0.0	0.0	0.051660
				44.50370	7.21000	85.00000	0.0	0.0	0.046108
				45.25800	7.21000	85.00000	0.0	0.0	0.035767
				46.01230	7.21000	85.00000	0.0	0.0	0.020671
				46.76660	7.21000	85.00000	0.0	0.0	864.74E-6
				47.52090	7.21000	85.00000	0.0	0.0	-0.0099165
				48.27520	7.21000	85.00000	0.0	0.0	-0.010025
				49.02950	7.21000	85.00000	0.0	0.0	-0.010129
				49.78380	7.21000	85.00000	0.0	0.0	-0.010224
				50.53810	7.21000	85.00000	0.0	0.0	-0.010309
				51.29240	7.21000	85.00000	0.0	0.0	-0.010383
				52.04670	7.21000	85.00000	0.0	0.0	-0.010444
				52.80100	7.21000	85.00000	0.0	0.0	-0.010491
				53.55530	7.21000	85.00000	0.0	0.0	-0.010523
				54.30960	7.21000	85.00000	0.0	0.0	-0.010539
				55.06390	7.21000	85.00000	0.0	0.0	-0.010539
				55.81820	7.21000	85.00000	0.0	0.0	-0.010523
				56.57250	7.21000	85.00000	0.0	0.0	-0.010492

Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD	Job No.		Sheet No.		Rev.					
	3500									
	Drg. Ref.									
	Made by PES	Date 01-Nov-2024		Checked	Date					
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				57.32680	7.21000	85.00000	0.0	0.0	-0.010444	*
				58.08110	7.21000	85.00000	0.0	0.0	-0.010382	*
				58.83540	7.21000	85.00000	0.0	0.0	-0.010305	*
				59.58970	7.21000	85.00000	0.0	0.0	-0.010215	*
				60.34400	7.21000	85.00000	0.0	0.0	-0.010112	*
				61.09830	7.21000	85.00000	0.0	0.0	-0.009967	*
				61.85260	7.21000	85.00000	0.0	0.0	-0.009870	*
				62.60690	7.21000	85.00000	0.0	0.0	-0.009735	*
				63.36120	7.21000	85.00000	0.0	0.0	-0.009590	*
				64.11550	7.21000	85.00000	0.0	0.0	-0.009438	*
				64.86980	7.21000	85.00000	0.0	0.0	-0.009279	*
				65.62410	7.21000	85.00000	0.0	0.0	-0.009114	*
				66.37840	7.21000	85.00000	0.0	0.0	-0.008942	*
				67.13270	7.21000	85.00000	0.0	0.0	-0.008770	*
				67.88700	7.21000	85.00000	0.0	0.0	-0.008593	*
				68.64130	7.21000	85.00000	0.0	0.0	-0.008436	*
				69.39560	7.21000	85.00000	0.0	0.0	-0.008232	*
				70.14990	7.21000	85.00000	0.0	0.0	-0.008050	*
				70.90420	7.21000	85.00000	0.0	0.0	-0.007867	*
				71.65850	7.21000	85.00000	0.0	0.0	-0.007684	*
				72.41280	7.21000	85.00000	0.0	0.0	-0.007503	*
				73.16710	7.21000	85.00000	0.0	0.0	-0.007322	*
				73.92140	7.21000	85.00000	0.0	0.0	-0.007142	*
				74.67570	7.21000	85.00000	0.0	0.0	-0.006965	*
				75.43000	7.21000	85.00000	0.0	0.0	-0.006790	*
				0.00000	7.93100	85.00000	0.0	0.0	-0.006684	*
				0.75430	7.93100	85.00000	0.0	0.0	-0.006847	*
				1.50860	7.93100	85.00000	0.0	0.0	-0.007023	*
				2.26290	7.93100	85.00000	0.0	0.0	-0.007204	*
				3.01720	7.93100	85.00000	0.0	0.0	-0.007383	*
				3.77150	7.93100	85.00000	0.0	0.0	-0.007573	*
				4.52580	7.93100	85.00000	0.0	0.0	-0.007759	*
				5.28010	7.93100	85.00000	0.0	0.0	-0.007946	*
				6.03440	7.93100	85.00000	0.0	0.0	-0.008134	*
				6.78870	7.93100	85.00000	0.0	0.0	-0.008325	*
				7.54300	7.93100	85.00000	0.0	0.0	-0.008507	*
				8.29730	7.93100	85.00000	0.0	0.0	-0.008692	*
				9.05160	7.93100	85.00000	0.0	0.0	-0.008874	*
				9.80590	7.93100	85.00000	0.0	0.0	-0.009053	*
				10.56020	7.93100	85.00000	0.0	0.0	-0.009228	*
				11.31450	7.93100	85.00000	0.0	0.0	-0.009396	*
				12.06880	7.93100	85.00000	0.0	0.0	-0.009562	*
				12.82310	7.93100	85.00000	0.0	0.0	-0.009719	*
				13.57740	7.93100	85.00000	0.0	0.0	-0.009875	*
				14.33170	7.93100	85.00000	0.0	0.0	-0.010006	*
				15.08600	7.93100	85.00000	0.0	0.0	-0.010135	*
				15.84030	7.93100	85.00000	0.0	0.0	-0.010252	*
				16.59460	7.93100	85.00000	0.0	0.0	-0.010355	*
				17.34890	7.93100	85.00000	0.0	0.0	-0.010445	*
				18.10320	7.93100	85.00000	0.0	0.0	-0.010520	*
				18.85750	7.93100	85.00000	0.0	0.0	-0.010578	*
				19.61180	7.93100	85.00000	0.0	0.0	-0.010619	*
				20.36610	7.93100	85.00000	0.0	0.0	-0.010642	*
				21.12040	7.93100	85.00000	0.0	0.0	-0.010647	*
				21.87470	7.93100	85.00000	0.0	0.0	-0.010633	*
				22.62900	7.93100	85.00000	0.0	0.0	-0.010600	*
				23.38330	7.93100	85.00000	0.0	0.0	-0.010549	*
				24.13760	7.93100	85.00000	0.0	0.0	-0.010478	*
				24.89190	7.93100	85.00000	0.0	0.0	-0.010390	*
				25.64620	7.93100	85.00000	0.0	0.0	-0.010285	*
				26.40050	7.93100	85.00000	0.0	0.0	-0.010165	*
				27.15480	7.93100	85.00000	0.0	0.0	-0.010030	*
				27.90910	7.93100	85.00000	0.0	0.0	-0.009884	*
				28.66340	7.93100	85.00000	0.0	0.0	-0.009729	*
				29.41770	7.93100	85.00000	0.0	0.0	0.019142	*
				30.17200	7.93100	85.00000	0.0	0.0	0.049728	*
				30.92630	7.93100	85.00000	0.0	0.0	0.075681	*
				31.68060	7.93100	85.00000	0.0	0.0	0.096924	*
				32.43490	7.93100	85.00000	0.0	0.0	0.11339	*
				33.18920	7.93100	85.00000	0.0	0.0	0.12502	*
				33.94350	7.93100	85.00000	0.0	0.0	0.13197	*
				34.69780	7.93100	85.00000	0.0	0.0	0.13766	*
				35.45210	7.93100	85.00000	0.0	0.0	0.14332	*
				36.20640	7.93100	85.00000	0.0	0.0	0.14896	*
				36.96070	7.93100	85.00000	0.0	0.0	0.15459	*
				37.71500	7.93100	85.00000	0.0	0.0	0.16019	*
				38.46930	7.93100	85.00000	0.0	0.0	0.16577	*
				39.22360	7.93100	85.00000	0.0	0.0	0.17132	*
				39.97790	7.93100	85.00000	0.0	0.0	0.17685	*
				40.73220	7.93100	85.00000	0.0	0.0	0.18235	*
				41.48650	7.93100	85.00000	0.0	0.0	0.18784	*
				42.24080	7.93100	85.00000	0.0	0.0	0.19330	*
				42.99510	7.93100	85.00000	0.0	0.0	0.19732	*
				43.74940	7.93100	85.00000	0.0	0.0	0.19652	*
				44.50370	7.93100	85.00000	0.0	0.0	0.19076	*
				45.25800	7.93100	85.00000	0.0	0.0	0.18006	*
				46.01230	7.93100	85.00000	0.0	0.0	0.16445	*
				46.76660	7.93100	85.00000	0.0	0.0	0.14399	*
				47.52090	7.93100	85.00000	0.0	0.0	0.11874	*
				48.27520	7.93100	85.00000	0.0	0.0	0.088786	*
				49.02950	7.93100	85.00000	0.0	0.0	0.054218	*
				49.78380	7.93100	85.00000	0.0	0.0	0.015138	*
				50.53810	7.93100	85.00000	0.0	0.0	-0.010041	*
				51.29240	7.93100	85.00000	0.0	0.0	-0.010161	*
				52.04670	7.93100	85.00000	0.0	0.0	-0.010266	*
				52.80100	7.93100	85.00000	0.0	0.0	-0.010355	*
				53.55530	7.93100	85.00000	0.0	0.0	-0.010426	*
				54.30960	7.93100	85.00000	0.0	0.0	-0.010478	*
				55.06390	7.93100	85.00000	0.0	0.0	-0.010511	*
				55.81820	7.93100	85.00000	0.0	0.0	-0.010526	*
				56.57250	7.93100	85.00000	0.0	0.0	-0.010521	*
				57.32680	7.93100	85.00000	0.0	0.0	-0.010498	*
				58.08110	7.93100	85.00000	0.0	0.0	-0.010457	*
				58.83540	7.93100	85.00000	0.0	0.0	-0.010399	*
				59.58970	7.93100	85.00000	0.0	0.0	-0.010325	*
				60.34400	7.93100	85.00000	0.0	0.0	-0.010236	*
				61.09830	7.93100	85.00000	0.0	0.0	-0.010132	*
				61.85260	7.93100	85.00000	0.0	0.0	-0.010016	*
				62.60690	7.93100	85.00000	0.0	0.0	-0.009887	*
				63.36120	7.93100	85.00000	0.0	0.0	-0.009748	*
				64.11550	7.93100	85.00000	0.0	0.0	-0.009604	*
				64.86980	7.93100	85.00000	0.0	0.0	-0.009444	*
				65.62410	7.93100	85.00000	0.0	0.0	-0.009280	*
				66.37840	7.93100	85.00000	0.0	0.0	-0.009113	*
				67.13270	7.93100	85.00000	0.0	0.0	-0.008936	*
				67.88700	7.93100	85.00000	0.0	0.0	-0.008758	*
				68.64130	7.93100	85.00000	0.0	0.0	-0.008577	*
				69.39560	7.93100	85.00000	0.0	0.0	-0.008393	*
				70.14990	7.93100	85.00000	0.0	0.0	-0.008208	*
				70.90420	7.93100	85.00000	0.0	0.0	-0.008022	*
				71.65850	7.93100	85.00000	0.0	0.0	-0.007839	*
				72.41280	7.93100	85.00000	0.0	0.0	-0.007650	*
				73.16710	7.93100	85.00000	0.0	0.0	-0.007465	*
				73.92140	7.93100	85.00000	0.0	0.0	-0.007281	*
				74.67570	7.93100	85.00000	0.0	0.0	-0.007098	*
				75.43000	7.93100	85.00000	0.0	0.0	-0.006920	*
				0.00000	8.65200	85.00000	0.0	0.0	-0.006792	*
				0.75430	8.65200	85.00000	0.0	0.0	-0.006973	*
				1.50860	8.65200	85.00000	0.0	0.0	-0.007158	*
				2.26290	8.65200	85.00000	0.0	0.0	-0.007342	*



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				3.01720	8.65200	85.00000	0.0	0.0	-0.0075302	*
				3.77150	8.65200	85.00000	0.0	0.0	-0.0077195	*
				4.52580	8.65200	85.00000	0.0	0.0	-0.0079098	*
				5.28010	8.65200	85.00000	0.0	0.0	-0.0081007	*
				6.03440	8.65200	85.00000	0.0	0.0	-0.0082916	*
				6.78870	8.65200	85.00000	0.0	0.0	-0.0084818	*
				7.54300	8.65200	85.00000	0.0	0.0	-0.0086706	*
				8.29730	8.65200	85.00000	0.0	0.0	-0.0088572	*
				9.05160	8.65200	85.00000	0.0	0.0	-0.0090408	*
				9.80590	8.65200	85.00000	0.0	0.0	-0.0092203	*
				10.56020	8.65200	85.00000	0.0	0.0	-0.0093947	*
				11.31450	8.65200	85.00000	0.0	0.0	-0.0095630	*
				12.06880	8.65200	85.00000	0.0	0.0	-0.0097239	*
				12.82310	8.65200	85.00000	0.0	0.0	-0.0098762	*
				13.57740	8.65200	85.00000	0.0	0.0	-0.010019	*
				14.33170	8.65200	85.00000	0.0	0.0	-0.010150	*
				15.08600	8.65200	85.00000	0.0	0.0	-0.010268	*
				15.84030	8.65200	85.00000	0.0	0.0	-0.010373	*
				16.59460	8.65200	85.00000	0.0	0.0	-0.010462	*
				17.34890	8.65200	85.00000	0.0	0.0	-0.010535	*
				18.10320	8.65200	85.00000	0.0	0.0	-0.010589	*
				18.85750	8.65200	85.00000	0.0	0.0	-0.010624	*
				19.61180	8.65200	85.00000	0.0	0.0	-0.010639	*
				20.36610	8.65200	85.00000	0.0	0.0	-0.010633	*
				21.12040	8.65200	85.00000	0.0	0.0	-0.010604	*
				21.87470	8.65200	85.00000	0.0	0.0	-0.010553	*
				22.62900	8.65200	85.00000	0.0	0.0	-0.010480	*
				23.38330	8.65200	85.00000	0.0	0.0	-0.010384	*
				24.13760	8.65200	85.00000	0.0	0.0	-0.010266	*
				24.89190	8.65200	85.00000	0.0	0.0	-0.010127	*
				25.64620	8.65200	85.00000	0.0	0.0	-0.0099678	*
				26.40050	8.65200	85.00000	0.0	0.0	-0.0097907	*
				27.15480	8.65200	85.00000	0.0	0.0	0.038153	*
				27.90910	8.65200	85.00000	0.0	0.0	0.083384	*
				28.66340	8.65200	85.00000	0.0	0.0	0.12418	*
				29.41770	8.65200	85.00000	0.0	0.0	0.16042	*
				30.17200	8.65200	85.00000	0.0	0.0	0.19200	*
				30.92630	8.65200	85.00000	0.0	0.0	0.21881	*
				31.68060	8.65200	85.00000	0.0	0.0	0.24077	*
				32.43490	8.65200	85.00000	0.0	0.0	0.25781	*
				33.18920	8.65200	85.00000	0.0	0.0	0.26985	*
				33.94350	8.65200	85.00000	0.0	0.0	0.27703	*
				34.69780	8.65200	85.00000	0.0	0.0	0.28275	*
				35.45210	8.65200	85.00000	0.0	0.0	0.28845	*
				36.20640	8.65200	85.00000	0.0	0.0	0.29412	*
				36.96070	8.65200	85.00000	0.0	0.0	0.29977	*
				37.71500	8.65200	85.00000	0.0	0.0	0.30538	*
				38.46930	8.65200	85.00000	0.0	0.0	0.31096	*
				39.22360	8.65200	85.00000	0.0	0.0	0.31651	*
				39.97790	8.65200	85.00000	0.0	0.0	0.32203	*
				40.73220	8.65200	85.00000	0.0	0.0	0.32752	*
				41.48650	8.65200	85.00000	0.0	0.0	0.33298	*
				42.24080	8.65200	85.00000	0.0	0.0	0.33840	*
				42.99510	8.65200	85.00000	0.0	0.0	0.34247	*
				43.74940	8.65200	85.00000	0.0	0.0	0.34161	*
				44.50370	8.65200	85.00000	0.0	0.0	0.33561	*
				45.25800	8.65200	85.00000	0.0	0.0	0.32451	*
				46.01230	8.65200	85.00000	0.0	0.0	0.30835	*
				46.76660	8.65200	85.00000	0.0	0.0	0.28718	*
				47.52090	8.65200	85.00000	0.0	0.0	0.26109	*
				48.27520	8.65200	85.00000	0.0	0.0	0.23014	*
				49.02950	8.65200	85.00000	0.0	0.0	0.19446	*
				49.78380	8.65200	85.00000	0.0	0.0	0.15415	*
				50.53810	8.65200	85.00000	0.0	0.0	0.10932	*
				51.29240	8.65200	85.00000	0.0	0.0	0.060124	*
				52.04670	8.65200	85.00000	0.0	0.0	-0.006885	*
				52.80100	8.65200	85.00000	0.0	0.0	-0.010134	*
				53.55530	8.65200	85.00000	0.0	0.0	-0.010253	*
				54.30960	8.65200	85.00000	0.0	0.0	-0.010350	*
				55.06390	8.65200	85.00000	0.0	0.0	-0.010425	*
				55.81820	8.65200	85.00000	0.0	0.0	-0.010477	*
				56.57250	8.65200	85.00000	0.0	0.0	-0.010506	*
				57.32680	8.65200	85.00000	0.0	0.0	-0.010513	*
				58.08110	8.65200	85.00000	0.0	0.0	-0.010499	*
				58.83540	8.65200	85.00000	0.0	0.0	-0.010465	*
				59.58970	8.65200	85.00000	0.0	0.0	-0.010411	*
				60.34400	8.65200	85.00000	0.0	0.0	-0.010339	*
				61.09830	8.65200	85.00000	0.0	0.0	-0.010250	*
				61.85260	8.65200	85.00000	0.0	0.0	-0.010145	*
				62.60690	8.65200	85.00000	0.0	0.0	-0.010027	*
				63.36120	8.65200	85.00000	0.0	0.0	-0.0098959	*
				64.11550	8.65200	85.00000	0.0	0.0	-0.0097538	*
				64.86980	8.65200	85.00000	0.0	0.0	-0.0096018	*
				65.62410	8.65200	85.00000	0.0	0.0	-0.0094413	*
				66.37840	8.65200	85.00000	0.0	0.0	-0.0092735	*
				67.13270	8.65200	85.00000	0.0	0.0	-0.0090997	*
				67.88700	8.65200	85.00000	0.0	0.0	-0.0089209	*
				68.64130	8.65200	85.00000	0.0	0.0	-0.0087382	*
				69.39560	8.65200	85.00000	0.0	0.0	-0.0085525	*
				70.14990	8.65200	85.00000	0.0	0.0	-0.0083647	*
				70.90420	8.65200	85.00000	0.0	0.0	-0.0081757	*
				71.65850	8.65200	85.00000	0.0	0.0	-0.0079861	*
				72.41280	8.65200	85.00000	0.0	0.0	-0.0077965	*
				73.16710	8.65200	85.00000	0.0	0.0	-0.0076076	*
				73.92140	8.65200	85.00000	0.0	0.0	-0.0074200	*
				74.67570	8.65200	85.00000	0.0	0.0	-0.0072339	*
				75.43000	8.65200	85.00000	0.0	0.0	-0.0070499	*
				0.00000	9.37300	85.00000	0.0	0.0	-0.0069167	*
				0.75430	9.37300	85.00000	0.0	0.0	-0.0071019	*
				1.50860	9.37300	85.00000	0.0	0.0	-0.0072897	*
				2.26290	9.37300	85.00000	0.0	0.0	-0.0074797	*
				3.01720	9.37300	85.00000	0.0	0.0	-0.0076716	*
				3.77150	9.37300	85.00000	0.0	0.0	-0.0078648	*
				4.52580	9.37300	85.00000	0.0	0.0	-0.0080589	*
				5.28010	9.37300	85.00000	0.0	0.0	-0.0082533	*
				6.03440	9.37300	85.00000	0.0	0.0	-0.0084473	*
				6.78870	9.37300	85.00000	0.0	0.0	-0.0086401	*
				7.54300	9.37300	85.00000	0.0	0.0	-0.0088310	*
				8.29730	9.37300	85.00000	0.0	0.0	-0.0090189	*
				9.05160	9.37300	85.00000	0.0	0.0	-0.0092029	*
				9.80590	9.37300	85.00000	0.0	0.0	-0.0093820	*
				10.56020	9.37300	85.00000	0.0	0.0	-0.0095548	*
				11.31450	9.37300	85.00000	0.0	0.0	-0.0097202	*
				12.06880	9.37300	85.00000	0.0	0.0	-0.0098766	*
				12.82310	9.37300	85.00000	0.0	0.0	-0.010023	*
				13.57740	9.37300	85.00000	0.0	0.0	-0.010157	*
				14.33170	9.37300	85.00000	0.0	0.0	-0.010278	*
				15.08600	9.37300	85.00000	0.0	0.0	-0.010384	*
				15.84030	9.37300	85.00000	0.0	0.0	-0.010473	*
				16.59460	9.37300	85.00000	0.0	0.0	-0.010544	*
				17.34890	9.37300	85.00000	0.0	0.0	-0.010595	*
				18.10320	9.37300	85.00000	0.0	0.0	-0.010625	*
				18.85750	9.37300	85.00000	0.0	0.0	-0.010631	*
				19.61180	9.37300	85.00000	0.0	0.0	-0.010613	*
				20.36610	9.37300	85.00000	0.0	0.0	-0.010570	*
				21.12040	9.37300	85.00000	0.0	0.0	-0.010501	*
				21.87470	9.37300	85.00000	0.0	0.0	-0.010404	*
				22.62900	9.37300	85.00000	0.0	0.0	-0.010281	*
				23.38330	9.37300	85.00000	0.0	0.0	-0.010130	*
				24.13760	9.37300	85.00000	0.0	0.0	-0.0099534	*



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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				24.89190	9.37300	85.00000	0.0	0.0	0.0096857	*
				25.64620	9.37300	85.00000	0.0	0.0	0.069106	*
				26.40050	9.37300	85.00000	0.0	0.0	0.12442	*
				27.15480	9.37300	85.00000	0.0	0.0	0.17548	*
				27.90910	9.37300	85.00000	0.0	0.0	0.22213	*
				28.66340	9.37300	85.00000	0.0	0.0	0.26424	*
				29.41770	9.37300	85.00000	0.0	0.0	0.30168	*
				30.17200	9.37300	85.00000	0.0	0.0	0.33432	*
				30.92630	9.37300	85.00000	0.0	0.0	0.36206	*
				31.68060	9.37300	85.00000	0.0	0.0	0.38479	*
				32.43490	9.37300	85.00000	0.0	0.0	0.40244	*
				33.18920	9.37300	85.00000	0.0	0.0	0.41494	*
				33.94350	9.37300	85.00000	0.0	0.0	0.42236	*
				34.69780	9.37300	85.00000	0.0	0.0	0.42814	*
				35.45210	9.37300	85.00000	0.0	0.0	0.43388	*
				36.20640	9.37300	85.00000	0.0	0.0	0.43959	*
				36.96070	9.37300	85.00000	0.0	0.0	0.44526	*
				37.71500	9.37300	85.00000	0.0	0.0	0.45089	*
				38.46930	9.37300	85.00000	0.0	0.0	0.45648	*
				39.22360	9.37300	85.00000	0.0	0.0	0.46202	*
				39.97790	9.37300	85.00000	0.0	0.0	0.46753	*
				40.73220	9.37300	85.00000	0.0	0.0	0.47299	*
				41.48650	9.37300	85.00000	0.0	0.0	0.47842	*
				42.24080	9.37300	85.00000	0.0	0.0	0.48380	*
				42.99510	9.37300	85.00000	0.0	0.0	0.48791	*
				43.74940	9.37300	85.00000	0.0	0.0	0.48696	*
				44.50370	9.37300	85.00000	0.0	0.0	0.48071	*
				45.25800	9.37300	85.00000	0.0	0.0	0.46918	*
				46.01230	9.37300	85.00000	0.0	0.0	0.45242	*
				46.76660	9.37300	85.00000	0.0	0.0	0.43049	*
				47.52090	9.37300	85.00000	0.0	0.0	0.40347	*
				48.27520	9.37300	85.00000	0.0	0.0	0.37147	*
				49.02950	9.37300	85.00000	0.0	0.0	0.33459	*
				49.78380	9.37300	85.00000	0.0	0.0	0.29295	*
				50.53810	9.37300	85.00000	0.0	0.0	0.24670	*
				51.29240	9.37300	85.00000	0.0	0.0	0.19597	*
				52.04670	9.37300	85.00000	0.0	0.0	0.14091	*
				52.80100	9.37300	85.00000	0.0	0.0	0.081678	*
				53.55530	9.37300	85.00000	0.0	0.0	0.018430	*
				54.30960	9.37300	85.00000	0.0	0.0	-0.010143	*
				55.06390	9.37300	85.00000	0.0	0.0	-0.010269	*
				55.81820	9.37300	85.00000	0.0	0.0	-0.010367	*
				56.57250	9.37300	85.00000	0.0	0.0	-0.010438	*
				57.32680	9.37300	85.00000	0.0	0.0	-0.010483	*
				58.08110	9.37300	85.00000	0.0	0.0	-0.010501	*
				58.83540	9.37300	85.00000	0.0	0.0	-0.010496	*
				59.58970	9.37300	85.00000	0.0	0.0	-0.010467	*
				60.34400	9.37300	85.00000	0.0	0.0	-0.010417	*
				61.09830	9.37300	85.00000	0.0	0.0	-0.010346	*
				61.85260	9.37300	85.00000	0.0	0.0	-0.010257	*
				62.60690	9.37300	85.00000	0.0	0.0	-0.010152	*
				63.36120	9.37300	85.00000	0.0	0.0	-0.010031	*
				64.11550	9.37300	85.00000	0.0	0.0	-0.0098968	*
				64.86980	9.37300	85.00000	0.0	0.0	-0.0097509	*
				65.62410	9.37300	85.00000	0.0	0.0	-0.0095948	*
				66.37840	9.37300	85.00000	0.0	0.0	-0.0094299	*
				67.13270	9.37300	85.00000	0.0	0.0	-0.0092577	*
				67.88700	9.37300	85.00000	0.0	0.0	-0.0090794	*
				68.64130	9.37300	85.00000	0.0	0.0	-0.0088961	*
				69.39560	9.37300	85.00000	0.0	0.0	-0.0087091	*
				70.14990	9.37300	85.00000	0.0	0.0	-0.0085193	*
				70.90420	9.37300	85.00000	0.0	0.0	-0.0083277	*
				71.65850	9.37300	85.00000	0.0	0.0	-0.0081350	*
				72.41280	9.37300	85.00000	0.0	0.0	-0.0079420	*
				73.16710	9.37300	85.00000	0.0	0.0	-0.0077494	*
				73.92140	9.37300	85.00000	0.0	0.0	-0.0075577	*
				74.67570	9.37300	85.00000	0.0	0.0	-0.0073676	*
				75.43000	9.37300	85.00000	0.0	0.0	-0.0071793	*
				0.00000	10.09400	85.00000	0.0	0.0	-0.0070404	*
				0.75430	10.09400	85.00000	0.0	0.0	-0.0072300	*
				1.50860	10.09400	85.00000	0.0	0.0	-0.0074220	*
				2.26290	10.09400	85.00000	0.0	0.0	-0.0076162	*
				3.01720	10.09400	85.00000	0.0	0.0	-0.0078121	*
				3.77150	10.09400	85.00000	0.0	0.0	-0.0080091	*
				4.52580	10.09400	85.00000	0.0	0.0	-0.0082067	*
				5.28010	10.09400	85.00000	0.0	0.0	-0.0084043	*
				6.03440	10.09400	85.00000	0.0	0.0	-0.0086009	*
				6.78870	10.09400	85.00000	0.0	0.0	-0.0087959	*
				7.54300	10.09400	85.00000	0.0	0.0	-0.0089881	*
				8.29730	10.09400	85.00000	0.0	0.0	-0.0091767	*
				9.05160	10.09400	85.00000	0.0	0.0	-0.0093604	*
				9.80590	10.09400	85.00000	0.0	0.0	-0.0095379	*
				10.56020	10.09400	85.00000	0.0	0.0	-0.0097079	*
				11.31450	10.09400	85.00000	0.0	0.0	-0.0098688	*
				12.06880	10.09400	85.00000	0.0	0.0	-0.010019	*
				12.82310	10.09400	85.00000	0.0	0.0	-0.010157	*
				13.57740	10.09400	85.00000	0.0	0.0	-0.010281	*
				14.33170	10.09400	85.00000	0.0	0.0	-0.010389	*
				15.08600	10.09400	85.00000	0.0	0.0	-0.010479	*
				15.84030	10.09400	85.00000	0.0	0.0	-0.010549	*
				16.59460	10.09400	85.00000	0.0	0.0	-0.010597	*
				17.34890	10.09400	85.00000	0.0	0.0	-0.010622	*
				18.10320	10.09400	85.00000	0.0	0.0	-0.010620	*
				18.85750	10.09400	85.00000	0.0	0.0	-0.010592	*
				19.61180	10.09400	85.00000	0.0	0.0	-0.010534	*
				20.36610	10.09400	85.00000	0.0	0.0	-0.010446	*
				21.12040	10.09400	85.00000	0.0	0.0	-0.010326	*
				21.87470	10.09400	85.00000	0.0	0.0	-0.010174	*
				22.62900	10.09400	85.00000	0.0	0.0	-0.0099888	*
				23.38330	10.09400	85.00000	0.0	0.0	0.0073507	*
				24.13760	10.09400	85.00000	0.0	0.0	0.076411	*
				24.89190	10.09400	85.00000	0.0	0.0	0.14162	*
				25.64620	10.09400	85.00000	0.0	0.0	0.20282	*
				26.40050	10.09400	85.00000	0.0	0.0	0.25984	*
				27.15480	10.09400	85.00000	0.0	0.0	0.31251	*
				27.90910	10.09400	85.00000	0.0	0.0	0.36069	*
				28.66340	10.09400	85.00000	0.0	0.0	0.40420	*
				29.41770	10.09400	85.00000	0.0	0.0	0.44292	*
				30.17200	10.09400	85.00000	0.0	0.0	0.47671	*
				30.92630	10.09400	85.00000	0.0	0.0	0.50544	*
				31.68060	10.09400	85.00000	0.0	0.0	0.52902	*
				32.43490	10.09400	85.00000	0.0	0.0	0.54734	*
				33.18920	10.09400	85.00000	0.0	0.0	0.56033	*
				33.94350	10.09400	85.00000	0.0	0.0	0.56804	*
				34.69780	10.09400	85.00000	0.0	0.0	0.57388	*
				35.45210	10.09400	85.00000	0.0	0.0	0.57967	*
				36.20640	10.09400	85.00000	0.0	0.0	0.58543	*
				36.96070	10.09400	85.00000	0.0	0.0	0.59113	*
				37.71500	10.09400	85.00000	0.0	0.0	0.59678	*
				38.46930	10.09400	85.00000	0.0	0.0	0.60238	*
				39.22360	10.09400	85.00000	0.0	0.0	0.60792	*
				39.97790	10.09400	85.00000	0.0	0.0	0.61341	*
				40.73220	10.09400	85.00000	0.0	0.0	0.61884	*
				41.48650	10.09400	85.00000	0.0	0.0	0.62422	*
				42.24080	10.09400	85.00000	0.0	0.0	0.62956	*
				42.99510	10.09400	85.00000	0.0	0.0	0.63369	*
				43.74940	10.09400	85.00000	0.0	0.0	0.63264	*
				44.50370	10.09400	85.00000	0.0	0.0	0.62610	*
				45.25800	10.09400	85.00000	0.0	0.0	0.61410	*
				46.01230	10.09400	85.00000	0.0	0.0	0.59668	*



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				46.76660	10.09400	85.00000	0.0	0.0	0.57393	*
				47.52090	10.09400	85.00000	0.0	0.0	0.54592	*
				48.27520	10.09400	85.00000	0.0	0.0	0.51277	*
				49.02950	10.09400	85.00000	0.0	0.0	0.47461	*
				49.78380	10.09400	85.00000	0.0	0.0	0.43156	*
				50.53810	10.09400	85.00000	0.0	0.0	0.38377	*
				51.29240	10.09400	85.00000	0.0	0.0	0.33141	*
				52.04670	10.09400	85.00000	0.0	0.0	0.27463	*
				52.80100	10.09400	85.00000	0.0	0.0	0.21360	*
				53.55530	10.09400	85.00000	0.0	0.0	0.14849	*
				54.30960	10.09400	85.00000	0.0	0.0	0.079478	*
				55.06390	10.09400	85.00000	0.0	0.0	0.0067243	*
				55.81820	10.09400	85.00000	0.0	0.0	-0.010186	*
				56.57250	10.09400	85.00000	0.0	0.0	-0.010308	*
				57.32680	10.09400	85.00000	0.0	0.0	-0.010398	*
				58.08110	10.09400	85.00000	0.0	0.0	-0.010458	*
				58.83540	10.09400	85.00000	0.0	0.0	-0.010488	*
				59.58970	10.09400	85.00000	0.0	0.0	-0.010490	*
				60.34400	10.09400	85.00000	0.0	0.0	-0.010466	*
				61.09830	10.09400	85.00000	0.0	0.0	-0.010418	*
				61.85260	10.09400	85.00000	0.0	0.0	-0.010349	*
				62.60690	10.09400	85.00000	0.0	0.0	-0.010259	*
				63.36120	10.09400	85.00000	0.0	0.0	-0.010151	*
				64.11550	10.09400	85.00000	0.0	0.0	-0.010028	*
				64.86980	10.09400	85.00000	0.0	0.0	-0.0098900	*
				65.62410	10.09400	85.00000	0.0	0.0	-0.0097400	*
				66.37840	10.09400	85.00000	0.0	0.0	-0.0095795	*
				67.13270	10.09400	85.00000	0.0	0.0	-0.0094100	*
				67.88700	10.09400	85.00000	0.0	0.0	-0.0092332	*
				68.64130	10.09400	85.00000	0.0	0.0	-0.0090503	*
				69.39560	10.09400	85.00000	0.0	0.0	-0.0088626	*
				70.14990	10.09400	85.00000	0.0	0.0	-0.0086714	*
				70.90420	10.09400	85.00000	0.0	0.0	-0.0084776	*
				71.65850	10.09400	85.00000	0.0	0.0	-0.0082823	*
				72.41280	10.09400	85.00000	0.0	0.0	-0.0080862	*
				73.16710	10.09400	85.00000	0.0	0.0	-0.0078901	*
				73.92140	10.09400	85.00000	0.0	0.0	-0.0076947	*
				74.67570	10.09400	85.00000	0.0	0.0	-0.0075005	*
				75.43000	10.09400	85.00000	0.0	0.0	-0.0073082	*
				0.00000	10.81500	85.00000	0.0	0.0	-0.0071636	*
				0.75430	10.81500	85.00000	0.0	0.0	-0.0073574	*
				1.50860	10.81500	85.00000	0.0	0.0	-0.0075535	*
				2.26290	10.81500	85.00000	0.0	0.0	-0.0077517	*
				3.01720	10.81500	85.00000	0.0	0.0	-0.0079514	*
				3.77150	10.81500	85.00000	0.0	0.0	-0.0081520	*
				4.52580	10.81500	85.00000	0.0	0.0	-0.0083528	*
				5.28010	10.81500	85.00000	0.0	0.0	-0.0085531	*
				6.03440	10.81500	85.00000	0.0	0.0	-0.0087520	*
				6.78870	10.81500	85.00000	0.0	0.0	-0.0089485	*
				7.54300	10.81500	85.00000	0.0	0.0	-0.0091445	*
				8.29730	10.81500	85.00000	0.0	0.0	-0.0093299	*
				9.05160	10.81500	85.00000	0.0	0.0	-0.0095122	*
				9.80590	10.81500	85.00000	0.0	0.0	-0.0096870	*
				10.56020	10.81500	85.00000	0.0	0.0	-0.0098527	*
				11.31450	10.81500	85.00000	0.0	0.0	-0.010008	*
				12.06880	10.81500	85.00000	0.0	0.0	-0.010150	*
				12.82310	10.81500	85.00000	0.0	0.0	-0.010277	*
				13.57740	10.81500	85.00000	0.0	0.0	-0.010388	*
				14.33170	10.81500	85.00000	0.0	0.0	-0.010480	*
				15.08600	10.81500	85.00000	0.0	0.0	-0.010550	*
				15.84030	10.81500	85.00000	0.0	0.0	-0.010596	*
				16.59460	10.81500	85.00000	0.0	0.0	-0.010617	*
				17.34890	10.81500	85.00000	0.0	0.0	-0.010609	*
				18.10320	10.81500	85.00000	0.0	0.0	-0.010570	*
				18.85750	10.81500	85.00000	0.0	0.0	-0.010499	*
				19.61180	10.81500	85.00000	0.0	0.0	-0.010392	*
				20.36610	10.81500	85.00000	0.0	0.0	-0.010249	*
				21.12040	10.81500	85.00000	0.0	0.0	-0.010068	*
				21.87470	10.81500	85.00000	0.0	0.0	-0.0098478	*
				22.62900	10.81500	85.00000	0.0	0.0	0.059959	*
				23.38330	10.81500	85.00000	0.0	0.0	0.13473	*
				24.13760	10.81500	85.00000	0.0	0.0	0.20578	*
				24.89190	10.81500	85.00000	0.0	0.0	0.27294	*
				25.64620	10.81500	85.00000	0.0	0.0	0.33602	*
				26.40050	10.81500	85.00000	0.0	0.0	0.39485	*
				27.15480	10.81500	85.00000	0.0	0.0	0.44926	*
				27.90910	10.81500	85.00000	0.0	0.0	0.49905	*
				28.66340	10.81500	85.00000	0.0	0.0	0.54408	*
				29.41770	10.81500	85.00000	0.0	0.0	0.58418	*
				30.17200	10.81500	85.00000	0.0	0.0	0.61921	*
				30.92630	10.81500	85.00000	0.0	0.0	0.64902	*
				31.68060	10.81500	85.00000	0.0	0.0	0.67351	*
				32.43490	10.81500	85.00000	0.0	0.0	0.69256	*
				33.18920	10.81500	85.00000	0.0	0.0	0.70610	*
				33.94350	10.81500	85.00000	0.0	0.0	0.71412	*
				34.69780	10.81500	85.00000	0.0	0.0	0.72004	*
				35.45210	10.81500	85.00000	0.0	0.0	0.72591	*
				36.20640	10.81500	85.00000	0.0	0.0	0.73172	*
				36.96070	10.81500	85.00000	0.0	0.0	0.73747	*
				37.71500	10.81500	85.00000	0.0	0.0	0.74315	*
				38.46930	10.81500	85.00000	0.0	0.0	0.74875	*
				39.22360	10.81500	85.00000	0.0	0.0	0.75429	*
				39.97790	10.81500	85.00000	0.0	0.0	0.75975	*
				40.73220	10.81500	85.00000	0.0	0.0	0.76515	*
				41.48650	10.81500	85.00000	0.0	0.0	0.77048	*
				42.24080	10.81500	85.00000	0.0	0.0	0.77575	*
				42.99510	10.81500	85.00000	0.0	0.0	0.77989	*
				43.74940	10.81500	85.00000	0.0	0.0	0.77872	*
				44.50370	10.81500	85.00000	0.0	0.0	0.77186	*
				45.25800	10.81500	85.00000	0.0	0.0	0.75933	*
				46.01230	10.81500	85.00000	0.0	0.0	0.74120	*
				46.76660	10.81500	85.00000	0.0	0.0	0.71754	*
				47.52090	10.81500	85.00000	0.0	0.0	0.68846	*
				48.27520	10.81500	85.00000	0.0	0.0	0.65408	*
				49.02950	10.81500	85.00000	0.0	0.0	0.61452	*
				49.78380	10.81500	85.00000	0.0	0.0	0.56995	*
				50.53810	10.81500	85.00000	0.0	0.0	0.52053	*
				51.29240	10.81500	85.00000	0.0	0.0	0.46643	*
				52.04670	10.81500	85.00000	0.0	0.0	0.40781	*
				52.80100	10.81500	85.00000	0.0	0.0	0.34488	*
				53.55530	10.81500	85.00000	0.0	0.0	0.27790	*
				54.30960	10.81500	85.00000	0.0	0.0	0.20677	*
				55.06390	10.81500	85.00000	0.0	0.0	0.13196	*
				55.81820	10.81500	85.00000	0.0	0.0	0.053562	*
				56.57250	10.81500	85.00000	0.0	0.0	-0.010107	*
				57.32680	10.81500	85.00000	0.0	0.0	-0.010252	*
				58.08110	10.81500	85.00000	0.0	0.0	-0.010361	*
				58.83540	10.81500	85.00000	0.0	0.0	-0.010434	*
				59.58970	10.81500	85.00000	0.0	0.0	-0.010474	*
				60.34400	10.81500	85.00000	0.0	0.0	-0.010483	*
				61.09830	10.81500	85.00000	0.0	0.0	-0.010463	*
				61.85260	10.81500	85.00000	0.0	0.0	-0.010417	*
				62.60690	10.81500	85.00000	0.0	0.0	-0.010347	*
				63.36120	10.81500	85.00000	0.0	0.0	-0.010255	*
				64.11550	10.81500	85.00000	0.0	0.0	-0.010145	*
				64.86980	10.81500	85.00000	0.0	0.0	-0.010018	*
				65.62410	10.81500	85.00000	0.0	0.0	-0.0098756	*
				66.37840	10.81500	85.00000	0.0	0.0	-0.0097211	*
				67.13270	10.81500	85.00000	0.0	0.0	-0.0095558	*
				67.88700	10.81500	85.00000	0.0	0.0	-0.0093816	*



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				68.64130	10.81500	85.00000	0.0	0.0	-0.0091999	*
				69.39560	10.81500	85.00000	0.0	0.0	-0.0090125	*
				70.14990	10.81500	85.00000	0.0	0.0	-0.0088204	*
				70.90420	10.81500	85.00000	0.0	0.0	-0.0086251	*
				71.65850	10.81500	85.00000	0.0	0.0	-0.0084275	*
				72.41280	10.81500	85.00000	0.0	0.0	-0.0082286	*
				73.16710	10.81500	85.00000	0.0	0.0	-0.0080294	*
				73.92140	10.81500	85.00000	0.0	0.0	-0.0078304	*
				74.67570	10.81500	85.00000	0.0	0.0	-0.0076325	*
				75.43000	10.81500	85.00000	0.0	0.0	-0.0074362	*
				0.00000	11.53600	85.00000	0.0	0.0	-0.0072860	*
				0.75430	11.53600	85.00000	0.0	0.0	-0.0074838	*
				1.50860	11.53600	85.00000	0.0	0.0	-0.0076840	*
				2.26290	11.53600	85.00000	0.0	0.0	-0.0078860	*
				3.01720	11.53600	85.00000	0.0	0.0	-0.0080893	*
				3.77150	11.53600	85.00000	0.0	0.0	-0.0082932	*
				4.52580	11.53600	85.00000	0.0	0.0	-0.0084969	*
				5.28010	11.53600	85.00000	0.0	0.0	-0.0086995	*
				6.03440	11.53600	85.00000	0.0	0.0	-0.0089001	*
				6.78870	11.53600	85.00000	0.0	0.0	-0.0090975	*
				7.54300	11.53600	85.00000	0.0	0.0	-0.0092905	*
				8.29730	11.53600	85.00000	0.0	0.0	-0.0094777	*
				9.05160	11.53600	85.00000	0.0	0.0	-0.0096575	*
				9.80590	11.53600	85.00000	0.0	0.0	-0.0098283	*
				10.56020	11.53600	85.00000	0.0	0.0	-0.0099881	*
				11.31450	11.53600	85.00000	0.0	0.0	-0.010135	*
				12.06880	11.53600	85.00000	0.0	0.0	-0.010267	*
				12.82310	11.53600	85.00000	0.0	0.0	-0.010381	*
				13.57740	11.53600	85.00000	0.0	0.0	-0.010475	*
				14.33170	11.53600	85.00000	0.0	0.0	-0.010547	*
				15.08600	11.53600	85.00000	0.0	0.0	-0.010593	*
				15.84030	11.53600	85.00000	0.0	0.0	-0.010611	*
				16.59460	11.53600	85.00000	0.0	0.0	-0.010598	*
				17.34890	11.53600	85.00000	0.0	0.0	-0.010551	*
				18.10320	11.53600	85.00000	0.0	0.0	-0.010467	*
				18.85750	11.53600	85.00000	0.0	0.0	-0.010344	*
				19.61180	11.53600	85.00000	0.0	0.0	-0.010179	*
				20.36610	11.53600	85.00000	0.0	0.0	-0.0099692	*
				21.12040	11.53600	85.00000	0.0	0.0	0.030790	*
				21.87470	11.53600	85.00000	0.0	0.0	0.10773	*
				22.62900	11.53600	85.00000	0.0	0.0	0.18471	*
				23.38330	11.53600	85.00000	0.0	0.0	0.26122	*
				24.13760	11.53600	85.00000	0.0	0.0	0.33437	*
				24.89190	11.53600	85.00000	0.0	0.0	0.40359	*
				25.64620	11.53600	85.00000	0.0	0.0	0.46868	*
				26.40050	11.53600	85.00000	0.0	0.0	0.52945	*
				27.15480	11.53600	85.00000	0.0	0.0	0.58570	*
				27.90910	11.53600	85.00000	0.0	0.0	0.63724	*
				28.66340	11.53600	85.00000	0.0	0.0	0.68389	*
				29.41770	11.53600	85.00000	0.0	0.0	0.72549	*
				30.17200	11.53600	85.00000	0.0	0.0	0.76185	*
				30.92630	11.53600	85.00000	0.0	0.0	0.79284	*
				31.68060	11.53600	85.00000	0.0	0.0	0.81832	*
				32.43490	11.53600	85.00000	0.0	0.0	0.83818	*
				33.18920	11.53600	85.00000	0.0	0.0	0.85232	*
				33.94350	11.53600	85.00000	0.0	0.0	0.86071	*
				34.69780	11.53600	85.00000	0.0	0.0	0.86674	*
				35.45210	11.53600	85.00000	0.0	0.0	0.87269	*
				36.20640	11.53600	85.00000	0.0	0.0	0.87857	*
				36.96070	11.53600	85.00000	0.0	0.0	0.88437	*
				37.71500	11.53600	85.00000	0.0	0.0	0.89008	*
				38.46930	11.53600	85.00000	0.0	0.0	0.89570	*
				39.22360	11.53600	85.00000	0.0	0.0	0.90123	*
				39.97790	11.53600	85.00000	0.0	0.0	0.90667	*
				40.73220	11.53600	85.00000	0.0	0.0	0.91202	*
				41.48650	11.53600	85.00000	0.0	0.0	0.91728	*
				42.24080	11.53600	85.00000	0.0	0.0	0.92247	*
				42.99510	11.53600	85.00000	0.0	0.0	0.92659	*
				43.74940	11.53600	85.00000	0.0	0.0	0.92529	*
				44.50370	11.53600	85.00000	0.0	0.0	0.91806	*
				45.25800	11.53600	85.00000	0.0	0.0	0.90495	*
				46.01230	11.53600	85.00000	0.0	0.0	0.88603	*
				46.76660	11.53600	85.00000	0.0	0.0	0.86139	*
				47.52090	11.53600	85.00000	0.0	0.0	0.83113	*
				48.27520	11.53600	85.00000	0.0	0.0	0.79540	*
				49.02950	11.53600	85.00000	0.0	0.0	0.75435	*
				49.78380	11.53600	85.00000	0.0	0.0	0.70815	*
				50.53810	11.53600	85.00000	0.0	0.0	0.65696	*
				51.29240	11.53600	85.00000	0.0	0.0	0.60099	*
				52.04670	11.53600	85.00000	0.0	0.0	0.54042	*
				52.80100	11.53600	85.00000	0.0	0.0	0.47546	*
				53.55530	11.53600	85.00000	0.0	0.0	0.40630	*
				54.30960	11.53600	85.00000	0.0	0.0	0.33313	*
				55.06390	11.53600	85.00000	0.0	0.0	0.25616	*
				55.81820	11.53600	85.00000	0.0	0.0	0.17558	*
				56.57250	11.53600	85.00000	0.0	0.0	0.091578	*
				57.32680	11.53600	85.00000	0.0	0.0	0.0043278	*
				58.08110	11.53600	85.00000	0.0	0.0	-0.010203	*
				58.83540	11.53600	85.00000	0.0	0.0	-0.010328	*
				59.58970	11.53600	85.00000	0.0	0.0	-0.010414	*
				60.34400	11.53600	85.00000	0.0	0.0	-0.010462	*
				61.09830	11.53600	85.00000	0.0	0.0	-0.010476	*
				61.85260	11.53600	85.00000	0.0	0.0	-0.010458	*
				62.60690	11.53600	85.00000	0.0	0.0	-0.010412	*
				63.36120	11.53600	85.00000	0.0	0.0	-0.010340	*
				64.11550	11.53600	85.00000	0.0	0.0	-0.010246	*
				64.86980	11.53600	85.00000	0.0	0.0	-0.010132	*
				65.62410	11.53600	85.00000	0.0	0.0	-0.010000	*
				66.37840	11.53600	85.00000	0.0	0.0	-0.0098535	*
				67.13270	11.53600	85.00000	0.0	0.0	-0.0096940	*
				67.88700	11.53600	85.00000	0.0	0.0	-0.0095237	*
				68.64130	11.53600	85.00000	0.0	0.0	-0.0093444	*
				69.39560	11.53600	85.00000	0.0	0.0	-0.0091580	*
				70.14990	11.53600	85.00000	0.0	0.0	-0.0089659	*
				70.90420	11.53600	85.00000	0.0	0.0	-0.0087696	*
				71.65850	11.53600	85.00000	0.0	0.0	-0.0085703	*
				72.41280	11.53600	85.00000	0.0			



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				14.33170	12.25700	85.00000	0.0	0.0	-0.010589
				15.08600	12.25700	85.00000	0.0	0.0	-0.010606
				15.84030	12.25700	85.00000	0.0	0.0	-0.010589
				16.59460	12.25700	85.00000	0.0	0.0	-0.010536
				17.34890	12.25700	85.00000	0.0	0.0	-0.010442
				18.10320	12.25700	85.00000	0.0	0.0	-0.010304
				18.85750	12.25700	85.00000	0.0	0.0	-0.010118
				19.61180	12.25700	85.00000	0.0	0.0	-0.0026551
				20.36610	12.25700	85.00000	0.0	0.0	0.077949
				21.12040	12.25700	85.00000	0.0	0.0	0.15546
				21.87470	12.25700	85.00000	0.0	0.0	0.23250
				22.62900	12.25700	85.00000	0.0	0.0	0.30960
				23.38330	12.25700	85.00000	0.0	0.0	0.38675
				24.13760	12.25700	85.00000	0.0	0.0	0.46213
				24.89190	12.25700	85.00000	0.0	0.0	0.53354
				25.64620	12.25700	85.00000	0.0	0.0	0.60076
				26.40050	12.25700	85.00000	0.0	0.0	0.66359
				27.15480	12.25700	85.00000	0.0	0.0	0.72182
				27.90910	12.25700	85.00000	0.0	0.0	0.77525
				28.66340	12.25700	85.00000	0.0	0.0	0.82366
				29.41770	12.25700	85.00000	0.0	0.0	0.86687
				30.17200	12.25700	85.00000	0.0	0.0	0.90470
				30.92630	12.25700	85.00000	0.0	0.0	0.93697
				31.68060	12.25700	85.00000	0.0	0.0	0.96354
				32.43490	12.25700	85.00000	0.0	0.0	0.98429
				33.18920	12.25700	85.00000	0.0	0.0	0.99910
				33.94350	12.25700	85.00000	0.0	0.0	1.0079
				34.69780	12.25700	85.00000	0.0	0.0	1.0141
				35.45210	12.25700	85.00000	0.0	0.0	1.0201
				36.20640	12.25700	85.00000	123.86E-6	0.0033596	1.0307
				36.96070	12.25700	85.00000	498.39E-6	0.013519	1.0387
				37.71500	12.25700	85.00000	886.81E-6	0.024055	1.0466
				38.46930	12.25700	85.00000	0.0012657	0.034332	1.0543
				39.22360	12.25700	85.00000	0.0015761	0.042752	1.0613
				39.97790	12.25700	85.00000	0.0018549	0.050314	1.0680
				40.73220	12.25700	85.00000	0.0021020	0.057018	1.0743
				41.48650	12.25700	85.00000	0.0023175	0.062863	1.0804
				42.24080	12.25700	85.00000	0.0025014	0.067851	1.0862
				42.99510	12.25700	85.00000	0.0015617	0.071766	1.0909
				43.74940	12.25700	85.00000	-488.52E-6	0.068615	1.0890
				44.50370	12.25700	85.00000	-0.0021630	0.057438	1.0795
				45.25800	12.25700	85.00000	-0.0027260	0.039003	1.0623
				46.01230	12.25700	85.00000	-0.0014639	0.014097	1.0373
				46.76660	12.25700	85.00000	0.0	0.0	1.0055
				47.52090	12.25700	85.00000	0.0	0.0	0.97398
				48.27520	12.25700	85.00000	0.0	0.0	0.93679
				49.02950	12.25700	85.00000	0.0	0.0	0.89411
				49.78380	12.25700	85.00000	0.0	0.0	0.84613
				50.53810	12.25700	85.00000	0.0	0.0	0.79305
				51.29240	12.25700	85.00000	0.0	0.0	0.73508
				52.04670	12.25700	85.00000	0.0	0.0	0.67242
				52.80100	12.25700	85.00000	0.0	0.0	0.60529
				53.55530	12.25700	85.00000	0.0	0.0	0.53392
				54.30960	12.25700	85.00000	0.0	0.0	0.45850
				55.06390	12.25700	85.00000	0.0	0.0	0.37925
				55.81820	12.25700	85.00000	0.0	0.0	0.29638
				56.57250	12.25700	85.00000	0.0	0.0	0.21009
				57.32680	12.25700	85.00000	0.0	0.0	0.12055
				58.08110	12.25700	85.00000	0.0	0.0	0.027966
				58.83540	12.25700	85.00000	0.0	0.0	-0.010163
				59.58970	12.25700	85.00000	0.0	0.0	-0.010303
				60.34400	12.25700	85.00000	0.0	0.0	-0.010398
				61.09830	12.25700	85.00000	0.0	0.0	-0.010452
				61.85260	12.25700	85.00000	0.0	0.0	-0.010469
				62.60690	12.25700	85.00000	0.0	0.0	-0.010452
				63.36120	12.25700	85.00000	0.0	0.0	-0.010404
				64.11550	12.25700	85.00000	0.0	0.0	-0.010330
				64.86980	12.25700	85.00000	0.0	0.0	-0.010231
				65.62410	12.25700	85.00000	0.0	0.0	-0.010113
				66.37840	12.25700	85.00000	0.0	0.0	-0.0099757
				67.13270	12.25700	85.00000	0.0	0.0	-0.0098236
				67.88700	12.25700	85.00000	0.0	0.0	-0.0096587
				68.64130	12.25700	85.00000	0.0	0.0	-0.0094830
				69.39560	12.25700	85.00000	0.0	0.0	-0.0092986
				70.14990	12.25700	85.00000	0.0	0.0	-0.0091073
				70.90420	12.25700	85.00000	0.0	0.0	-0.0089107
				71.65850	12.25700	85.00000	0.0	0.0	-0.0087102
				72.41280	12.25700	85.00000	0.0	0.0	-0.0085071
				73.16710	12.25700	85.00000	0.0	0.0	-0.0083025
				73.92140	12.25700	85.00000	0.0	0.0	-0.0080973
				74.67570	12.25700	85.00000	0.0	0.0	-0.0078926
				75.43000	12.25700	85.00000	0.0	0.0	-0.0076889
				0.00000	12.97800	85.00000	0.0	0.0	-0.0075274
				0.75430	12.97800	85.00000	0.0	0.0	-0.0077331
				1.50860	12.97800	85.00000	0.0	0.0	-0.0079408
				2.26290	12.97800	85.00000	0.0	0.0	-0.0081498
				3.01720	12.97800	85.00000	0.0	0.0	-0.0083594
				3.77150	12.97800	85.00000	0.0	0.0	-0.0085688
				4.52580	12.97800	85.00000	0.0	0.0	-0.0087770
				5.28010	12.97800	85.00000	0.0	0.0	-0.0089828
				6.03440	12.97800	85.00000	0.0	0.0	-0.0091850
				6.78870	12.97800	85.00000	0.0	0.0	-0.0093820
				7.54300	12.97800	85.00000	0.0	0.0	-0.0095723
				8.29730	12.97800	85.00000	0.0	0.0	-0.0097540
				9.05160	12.97800	85.00000	0.0	0.0	-0.0099250
				9.80590	12.97800	85.00000	0.0	0.0	-0.0100983
				10.56020	12.97800	85.00000	0.0	0.0	-0.010226
				11.31450	12.97800	85.00000	0.0	0.0	-0.010350
				12.06880	12.97800	85.00000	0.0	0.0	-0.010453
				12.82310	12.97800	85.00000	0.0	0.0	-0.010531
				13.57740	12.97800	85.00000	0.0	0.0	-0.010582
				14.33170	12.97800	85.00000	0.0	0.0	-0.010600
				15.08600	12.97800	85.00000	0.0	0.0	-0.010583
				15.84030	12.97800	85.00000	0.0	0.0	-0.010526
				16.59460	12.97800	85.00000	0.0	0.0	-0.010424
				17.34890	12.97800	85.00000	0.0	0.0	-0.010274
				18.10320	12.97800	85.00000	0.0	0.0	-0.010072
				18.85750	12.97800	85.00000	0.0	0.0	0.032008
				19.61180	12.97800	85.00000	0.0	0.0	0.11811
				20.36610	12.97800	85.00000	0.0	0.0	0.20091
				21.12040	12.97800	85.00000	0.0	0.0	0.28025
				21.87470	12.97800	85.00000	0.0	0.0	0.35743
				22.62900	12.97800	85.00000	0.0	0.0	0.43465
				23.38330	12.97800	85.00000	0.0	0.0	0.51195
				24.13760	12.97800	85.00000	0.0	0.0	0.58900
				24.89190	12.97800	85.00000	0.0	0.0	0.66273
				25.64620	12.97800	85.00000	0.0	0.0	0.73223
				26.40050	12.97800	85.00000	0.0	0.0	0.79728
				27.15480	12.97800	85.00000	0.0	0.0	0.85764
				27.90910	12.97800	85.00000	0.0	0.0	0.91309
				28.66340	12.97800	85.00000	0.0	0.0	0.96341
				29.41770	12.97800	85.00000	0.0	0.0	1.0084
				30.17200	12.97800	85.00000	0.0094052	0.039421	1.0596
				30.92630	12.97800	85.00000	0.017710	0.090597	1.1030
				31.68060	12.97800	85.00000	0.020689	0.13473	1.1382
				32.43490	12.97800	85.00000	0.019310	0.17106	1.1654
				33.18920	12.97800	85.00000	0.014620	0.19880	1.1848
				33.94350	12.97800	85.00000	0.0080074	0.21720	1.1965
				34.69780	12.97800	85.00000	0.0085201	0.23111	1.2049
				35.45210	12.97800	85.00000	0.0090466	0.24539	1.2133



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				36.20640	12.97800	85.00000	0.0095870	0.26005	1.2216
				36.96070	12.97800	85.00000	0.010141	0.27508	1.2297
				37.71500	12.97800	85.00000	0.010710	0.29050	1.2378
				38.46930	12.97800	85.00000	0.011110	0.30135	1.2448
				39.22360	12.97800	85.00000	0.011011	0.29866	1.2494
				39.97790	12.97800	85.00000	0.010880	0.29512	1.2536
				40.73220	12.97800	85.00000	0.010718	0.29071	1.2576
				41.48650	12.97800	85.00000	0.010787	0.29261	1.2614
				42.24080	12.97800	85.00000	0.010742	0.29138	1.2649
				42.99510	12.97800	85.00000	0.0064048	0.29084	1.2682
				43.74940	12.97800	85.00000	-0.0023279	0.28056	1.2658
				44.50370	12.97800	85.00000	-0.010306	0.25670	1.2559
				45.25800	12.97800	85.00000	-0.016374	0.22305	1.2387
				46.01230	12.97800	85.00000	-0.020863	0.19147	1.2141
				46.76660	12.97800	85.00000	-0.022574	0.15417	1.1821
				47.52090	12.97800	85.00000	-0.020812	0.11201	1.1426
				48.27520	12.97800	85.00000	-0.014950	0.065822	1.0956
				49.02950	12.97800	85.00000	-0.0044317	0.016390	1.0406
				49.78380	12.97800	85.00000	0.0	0.0	0.98391
				50.53810	12.97800	85.00000	0.0	0.0	0.92878
				51.29240	12.97800	85.00000	0.0	0.0	0.86865
				52.04670	12.97800	85.00000	0.0	0.0	0.80376
				52.80100	12.97800	85.00000	0.0	0.0	0.73433
				53.55530	12.97800	85.00000	0.0	0.0	0.66059
				54.30960	12.97800	85.00000	0.0	0.0	0.58279
				55.06390	12.97800	85.00000	0.0	0.0	0.50115
				55.81820	12.97800	85.00000	0.0	0.0	0.41587
				56.57250	12.97800	85.00000	0.0	0.0	0.32717
				57.32680	12.97800	85.00000	0.0	0.0	0.23526
				58.08110	12.97800	85.00000	0.0	0.0	0.14031
				58.83540	12.97800	85.00000	0.0	0.0	0.042524
				59.58970	12.97800	85.00000	0.0	0.0	-0.010135
				60.34400	12.97800	85.00000	0.0	0.0	-0.010286
				61.09830	12.97800	85.00000	0.0	0.0	-0.010388
				61.85260	12.97800	85.00000	0.0	0.0	-0.010446
				62.60690	12.97800	85.00000	0.0	0.0	-0.010463
				63.36120	12.97800	85.00000	0.0	0.0	-0.010444
				64.11550	12.97800	85.00000	0.0	0.0	-0.010393
				64.86980	12.97800	85.00000	0.0	0.0	-0.010314
				65.62410	12.97800	85.00000	0.0	0.0	-0.010211
				66.37840	12.97800	85.00000	0.0	0.0	-0.010086
				67.13270	12.97800	85.00000	0.0	0.0	-0.0099437
				67.88700	12.97800	85.00000	0.0	0.0	-0.0097857
				68.64130	12.97800	85.00000	0.0	0.0	-0.0096149
				69.39560	12.97800	85.00000	0.0	0.0	-0.0094336
				70.14990	12.97800	85.00000	0.0	0.0	-0.0092440
				70.90420	12.97800	85.00000	0.0	0.0	-0.0090478
				71.65850	12.97800	85.00000	0.0	0.0	-0.0088468
				72.41280	12.97800	85.00000	0.0	0.0	-0.0086423
				73.16710	12.97800	85.00000	0.0	0.0	-0.0084356
				73.92140	12.97800	85.00000	0.0	0.0	-0.0082278
				74.67570	12.97800	85.00000	0.0	0.0	-0.0080200
				75.43000	12.97800	85.00000	0.0	0.0	-0.0078130
				0.00000	13.69900	85.00000	0.0	0.0	-0.0076461
				0.75430	13.69900	85.00000	0.0	0.0	-0.0078554
				1.50860	13.69900	85.00000	0.0	0.0	-0.0080665
				2.26290	13.69900	85.00000	0.0	0.0	-0.0082786
				3.01720	13.69900	85.00000	0.0	0.0	-0.0084910
				3.77150	13.69900	85.00000	0.0	0.0	-0.0087026
				4.52580	13.69900	85.00000	0.0	0.0	-0.0089123
				5.28010	13.69900	85.00000	0.0	0.0	-0.0091188
				6.03440	13.69900	85.00000	0.0	0.0	-0.0093208
				6.78870	13.69900	85.00000	0.0	0.0	-0.0095164
				7.54300	13.69900	85.00000	0.0	0.0	-0.0097038
				8.29730	13.69900	85.00000	0.0	0.0	-0.0098809
				9.05160	13.69900	85.00000	0.0	0.0	-0.0100045
				9.80590	13.69900	85.00000	0.0	0.0	-0.0101194
				10.56020	13.69900	85.00000	0.0	0.0	-0.010325
				11.31450	13.69900	85.00000	0.0	0.0	-0.010434
				12.06880	13.69900	85.00000	0.0	0.0	-0.010518
				12.82310	13.69900	85.00000	0.0	0.0	-0.010573
				13.57740	13.69900	85.00000	0.0	0.0	-0.010595
				14.33170	13.69900	85.00000	0.0	0.0	-0.010579
				15.08600	13.69900	85.00000	0.0	0.0	-0.010521
				15.84030	13.69900	85.00000	0.0	0.0	-0.010415
				16.59460	13.69900	85.00000	0.0	0.0	-0.010257
				17.34890	13.69900	85.00000	0.0	0.0	-0.010041
				18.10320	13.69900	85.00000	0.0	0.0	0.057692
				18.85750	13.69900	85.00000	0.0	0.0	0.14919
				19.61180	13.69900	85.00000	0.0	0.0	0.23759
				20.36610	13.69900	85.00000	0.0	0.0	0.32270
				21.12040	13.69900	85.00000	0.0	0.0	0.40434
				21.87470	13.69900	85.00000	0.0	0.0	0.48252
				22.62900	13.69900	85.00000	0.0	0.0	0.55991
				23.38330	13.69900	85.00000	0.0	0.0	0.63739
				24.13760	13.69900	85.00000	0.0	0.0	0.71495
				24.89190	13.69900	85.00000	0.0	0.0	0.79111
				25.64620	13.69900	85.00000	0.0	0.0	0.86305
				26.40050	13.69900	85.00000	0.0	0.0	0.93047
				27.15480	13.69900	85.00000	0.0	0.0	0.99313
				27.90910	13.69900	85.00000	0.016797	0.043409	1.0638
				28.66340	13.69900	85.00000	0.040430	0.11833	1.1303
				29.41770	13.69900	85.00000	0.054801	0.18551	1.1876
				30.17200	13.69900	85.00000	0.062117	0.24933	1.2375
				30.92630	13.69900	85.00000	0.066700	0.32661	1.2797
				31.68060	13.69900	85.00000	0.068408	0.40115	1.3144
				32.43490	13.69900	85.00000	0.054663	0.46298	1.3417
				33.18920	13.69900	85.00000	0.039250	0.51097	1.3614
				33.94350	13.69900	85.00000	0.020071	0.54400	1.3734
				34.69780	13.69900	85.00000	0.020928	0.56768	1.3823
				35.45210	13.69900	85.00000	0.021815	0.59173	1.3911
				36.20640	13.69900	85.00000	0.022716	0.61617	1.3997
				36.96070	13.69900	85.00000	0.023630	0.64098	1.4082
				37.71500	13.69900	85.00000	0.024559	0.66617	1.4166
				38.46930	13.69900	85.00000	0.025203	0.68363	1.4236
				39.22360	13.69900	85.00000	0.024875	0.67473	1.4267
				39.97790	13.69900	85.00000	0.024515	0.66498	1.4294
				40.73220	13.69900	85.00000	0.024124	0.65437	1.4319
				41.48650	13.69900	85.00000	0.023701	0.64290	1.4342
				42.24080	13.69900	85.00000	0.023247	0.63057	1.4362
				42.99510	13.69900	85.00000	0.013643	0.61980	1.4395
				43.74940	13.69900	85.00000	-0.0063223	0.60024	1.4356
				44.50370	13.69900	85.00000	-0.025435	0.56658	1.4250
				45.25800	13.69900	85.00000	-0.042146	0.52016	1.4070
				46.01230	13.69900	85.00000	-0.054963	0.46241	1.3816
				46.76660	13.69900	85.00000	-0.062483	0.39474	1.3490
				47.52090	13.69900	85.00000	-0.063412	0.31852	1.3092
				48.27520	13.69900	85.00000	-0.056589	0.23510	1.2624
				49.02950	13.69900	85.00000	-0.046605	0.16372	1.2084
				49.78380	13.69900	85.00000	-0.035008	0.10530	1.1471
				50.53810	13.69900	85.00000	-0.017349	0.045370	1.0779
				51.29240	13.69900	85.00000	0.0	0.0	1.0017
				52.04670	13.69900	85.00000	0.0	0.0	0.93439
				52.80100	13.69900	85.00000	0.0	0.0	0.86249
				53.55530	13.69900	85.00000	0.0	0.0	0.78625
				54.30960	13.69900	85.00000	0.0	0.0	0.70592
				55.06390	13.69900	85.00000	0.0	0.0	0.62174
				55.81820	13.69900	85.00000	0.0	0.0	0.53394
				56.57250	13.69900	85.00000	0.0	0.0	0.44273
				57.32680	13.69900	85.00000	0.0	0.0	0.34833



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				58.08110	13.69900	85.00000	0.0	0.0	0.25094	*
				58.83540	13.69900	85.00000	0.0	0.0	0.15074	*
				59.58970	13.69900	85.00000	0.0	0.0	0.047916	*
				60.34400	13.69900	85.00000	0.0	0.0	-0.010120	*
				61.09830	13.69900	85.00000	0.0	0.0	-0.010279	*
				61.85260	13.69900	85.00000	0.0	0.0	-0.010385	*
				62.60690	13.69900	85.00000	0.0	0.0	-0.010442	*
				63.36120	13.69900	85.00000	0.0	0.0	-0.010457	*
				64.11550	13.69900	85.00000	0.0	0.0	-0.010435	*
				64.86980	13.69900	85.00000	0.0	0.0	-0.010379	*
				65.62410	13.69900	85.00000	0.0	0.0	-0.010294	*
				66.37840	13.69900	85.00000	0.0	0.0	-0.010184	*
				67.13270	13.69900	85.00000	0.0	0.0	-0.010053	*
				67.88700	13.69900	85.00000	0.0	0.0	-0.0099038	*
				68.64130	13.69900	85.00000	0.0	0.0	-0.0097393	*
				69.39560	13.69900	85.00000	0.0	0.0	-0.0095625	*
				70.14990	13.69900	85.00000	0.0	0.0	-0.0093755	*
				70.90420	13.69900	85.00000	0.0	0.0	-0.0091806	*
				71.65850	13.69900	85.00000	0.0	0.0	-0.0089796	*
				72.41280	13.69900	85.00000	0.0	0.0	-0.0087743	*
				73.16710	13.69900	85.00000	0.0	0.0	-0.0085660	*
				73.92140	13.69900	85.00000	0.0	0.0	-0.0083560	*
				74.67570	13.69900	85.00000	0.0	0.0	-0.0081454	*
				75.43000	13.69900	85.00000	0.0	0.0	-0.0079353	*
				0.00000	14.42000	85.00000	0.0	0.0	-0.0077630	*
				0.75430	14.42000	85.00000	0.0	0.0	-0.0079758	*
				1.50860	14.42000	85.00000	0.0	0.0	-0.0081901	*
				2.26290	14.42000	85.00000	0.0	0.0	-0.0084050	*
				3.01720	14.42000	85.00000	0.0	0.0	-0.0086198	*
				3.77150	14.42000	85.00000	0.0	0.0	-0.0088331	*
				4.52580	14.42000	85.00000	0.0	0.0	-0.0090439	*
				5.28010	14.42000	85.00000	0.0	0.0	-0.0092505	*
				6.03440	14.42000	85.00000	0.0	0.0	-0.0094514	*
				6.78870	14.42000	85.00000	0.0	0.0	-0.0096447	*
				7.54300	14.42000	85.00000	0.0	0.0	-0.0098281	*
				8.29730	14.42000	85.00000	0.0	0.0	-0.0099992	*
				9.05160	14.42000	85.00000	0.0	0.0	-0.010155	*
				9.80590	14.42000	85.00000	0.0	0.0	-0.010293	*
				10.56020	14.42000	85.00000	0.0	0.0	-0.010410	*
				11.31450	14.42000	85.00000	0.0	0.0	-0.010501	*
				12.06880	14.42000	85.00000	0.0	0.0	-0.010562	*
				12.82310	14.42000	85.00000	0.0	0.0	-0.010590	*
				13.57740	14.42000	85.00000	0.0	0.0	-0.010578	*
				14.33170	14.42000	85.00000	0.0	0.0	-0.010522	*
				15.08600	14.42000	85.00000	0.0	0.0	-0.010416	*
				15.84030	14.42000	85.00000	0.0	0.0	-0.010253	*
				16.59460	14.42000	85.00000	0.0	0.0	-0.010028	*
				17.34890	14.42000	85.00000	0.0	0.0	0.074250	*
				18.10320	14.42000	85.00000	0.0	0.0	0.17102	*
				18.85750	14.42000	85.00000	0.0	0.0	0.26490	*
				19.61180	14.42000	85.00000	0.0	0.0	0.35570	*
				20.36610	14.42000	85.00000	0.0	0.0	0.44324	*
				21.12040	14.42000	85.00000	0.0	0.0	0.52730	*
				21.87470	14.42000	85.00000	0.0	0.0	0.60770	*
				22.62900	14.42000	85.00000	0.0	0.0	0.68539	*
				23.38330	14.42000	85.00000	0.0	0.0	0.76308	*
				24.13760	14.42000	85.00000	0.0	0.0	0.84088	*
				24.89190	14.42000	85.00000	0.0	0.0	0.91862	*
				25.64620	14.42000	85.00000	0.0	0.0	0.99317	*
				26.40050	14.42000	85.00000	0.030187	0.061126	1.0802	*
				27.15480	14.42000	85.00000	0.069198	0.15394	1.1623	*
				27.90910	14.42000	85.00000	0.096784	0.23963	1.2348	*
				28.66340	14.42000	85.00000	0.124497	0.35027	1.2990	*
				29.41770	14.42000	85.00000	0.14198	0.45951	1.3554	*
				30.17200	14.42000	85.00000	0.14692	0.56293	1.4053	*
				30.92630	14.42000	85.00000	0.14097	0.65871	1.4487	*
				31.68060	14.42000	85.00000	0.12493	0.74284	1.4848	*
				32.43490	14.42000	85.00000	0.10057	0.81402	1.5135	*
				33.18920	14.42000	85.00000	0.069888	0.87098	1.5345	*
				33.94350	14.42000	85.00000	0.034989	0.91245	1.5477	*
				34.69780	14.42000	85.00000	0.034699	0.94120	1.5573	*
				35.45210	14.42000	85.00000	0.035767	0.97017	1.5668	*
				36.20640	14.42000	85.00000	0.036848	0.99951	1.5762	*
				36.96070	14.42000	85.00000	0.037944	1.0292	1.5854	*
				37.71500	14.42000	85.00000	0.039053	1.0593	1.5945	*
				38.46930	14.42000	85.00000	0.039803	1.0797	1.6020	*
				39.22360	14.42000	85.00000	0.039067	1.0597	1.6040	*
				39.97790	14.42000	85.00000	0.038299	1.0389	1.6057	*
				40.73220	14.42000	85.00000	0.037500	1.0172	1.6071	*
				41.48650	14.42000	85.00000	0.036669	0.99464	1.6082	*
				42.24080	14.42000	85.00000	0.035806	0.97124	1.6090	*
				42.99510	14.42000	85.00000	0.021254	0.94976	1.6103	*
				43.74940	14.42000	85.00000	-0.010953	0.92009	1.6068	*
				44.50370	14.42000	85.00000	-0.042189	0.87571	1.5950	*
				45.25800	14.42000	85.00000	-0.070714	0.81817	1.5753	*
				46.01230	14.42000	85.00000	-0.094859	0.74904	1.5479	*
				46.76660	14.42000	85.00000	-0.11306	0.66992	1.5132	*
				47.52090	14.42000	85.00000	-0.12390	0.58235	1.4713	*
				48.27520	14.42000	85.00000	-0.12612	0.48784	1.4227	*
				49.02950	14.42000	85.00000	-0.11863	0.38776	1.3674	*
				49.78380	14.42000	85.00000	-0.10053	0.28340	1.3056	*
				50.53810	14.42000	85.00000	-0.070814	0.17526	1.2370	*
				51.29240	14.42000	85.00000	-0.049809	0.10844	1.1613	*
				52.04670	14.42000	85.00000	-0.021597	0.041783	1.0777	*
				52.80100	14.42000	85.00000	0.0	0.0	0.98972	*
				53.55530	14.42000	85.00000	0.0	0.0	0.91081	*
				54.30960	14.42000	85.00000	0.0	0.0	0.82780	*
				55.06390	14.42000	85.00000	0.0	0.0	0.74094	*
				55.81820	14.42000	85.00000	0.0	0.0	0.65047	*
				56.57250	14.42000	85.00000	0.0	0.0	0.55663	*
				57.32680	14.42000	85.00000	0.0	0.0	0.45965	*
				58.08110	14.42000	85.00000	0.0	0.0	0.35971	*
				58.83540	14.42000	85.00000	0.0	0.0	0.25702	*
				59.58970	14.42000	85.00000	0.0	0.0	0.15177	*
				60.34400	14.42000	85.00000	0.0	0.0	0.044110	*
				61.09830	14.42000	85.00000	0.0	0.0	-0.010119	*
				61.85260	14.42000	85.00000	0.0	0.0	-0.010282	*
				62.60690	14.42000	85.00000	0.0	0.0	-0.010387	*
				63.36120	14.42000	85.00000	0.0	0.0	-0.010442	*
				64.11550	14.42000	85.00000	0.0	0.0	-0.010452	*
				64.86980	14.42000	85.00000	0.0	0.0	-0.010423	*
				65.62410	14.42000	85.00000	0.0	0.0	-0.010360	*
				66.37840	14.42000	85.00000	0.0	0.0	-0.010268	*
				67.13270	14.42000	85.00000	0.0	0.0	-0.010151	*
				67.88700	14.42000	85.00000	0.0	0.0	-0.010012	*
				68.64130	14.42000	85.00000	0.0	0.0	-0.0098557	*
				69.39560	14.42000	85.00000	0.0	0.0	-0.0096844	*
				70.14990	14.42000	85.00000	0.0	0.0	-0.0095012	*
				70.90420	14.42000	85.00000	0.0	0.0	-0.0093085	*
				71.65850	14.42000	85.00000	0.0	0.0	-0.0091083	*
				72.41280	14.42000	85.00000	0.0	0.0	-0.0089027	*
				73.16710	14.42000	85.00000	0.0	0.0	-0.0086933	*
				73.92140	14.42000	85.00000	0.0	0.0	-0.0084815	*
				74.67570	14.42000	85.00000	0.0	0.0	-0.0082685	*
				75.43000	14.42000	85.00000	0.0	0.0	-0.0080555	*
				0.00000	15.14100	85.00000	0.0	0.0	-0.0078781	*
				0.75430	15.14100	85.00000	0.0	0.0	-0.0080941	*
				1.5086						



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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				3.77150	15.14100	85.00000	0.0	0.0	-0.0099601
				4.52580	15.14100	85.00000	0.0	0.0	-0.0091713
				5.28010	15.14100	85.00000	0.0	0.0	-0.0093774
				6.03440	15.14100	85.00000	0.0	0.0	-0.0095765
				6.78870	15.14100	85.00000	0.0	0.0	-0.0097663
				7.54300	15.14100	85.00000	0.0	0.0	-0.0099445
				8.29730	15.14100	85.00000	0.0	0.0	-0.010108
				9.05160	15.14100	85.00000	0.0	0.0	-0.010254
				9.80590	15.14100	85.00000	0.0	0.0	-0.010379
				10.56020	15.14100	85.00000	0.0	0.0	-0.010478
				11.31450	15.14100	85.00000	0.0	0.0	-0.010548
				12.06880	15.14100	85.00000	0.0	0.0	-0.010583
				12.82310	15.14100	85.00000	0.0	0.0	-0.010578
				13.57740	15.14100	85.00000	0.0	0.0	-0.010528
				14.33170	15.14100	85.00000	0.0	0.0	-0.010425
				15.08600	15.14100	85.00000	0.0	0.0	-0.010262
				15.84030	15.14100	85.00000	0.0	0.0	-0.010033
				16.59460	15.14100	85.00000	0.0	0.0	0.081583
				17.34890	15.14100	85.00000	0.0	0.0	0.18346
				18.10320	15.14100	85.00000	0.0	0.0	0.28266
				18.85750	15.14100	85.00000	0.0	0.0	0.37902
				19.61180	15.14100	85.00000	0.0	0.0	0.47233
				20.36610	15.14100	85.00000	0.0	0.0	0.56241
				21.12040	15.14100	85.00000	0.0	0.0	0.64903
				21.87470	15.14100	85.00000	0.0	0.0	0.73199
				22.62900	15.14100	85.00000	0.0	0.0	0.81114
				23.38330	15.14100	85.00000	0.0	0.0	0.88909
				24.13760	15.14100	85.00000	0.0	0.0	0.96717
				24.89190	15.14100	85.00000	0.021496	0.036449	1.0576
				25.64620	15.14100	85.00000	0.081170	0.14517	1.1559
				26.40050	15.14100	85.00000	0.12797	0.24950	1.2443
				27.15480	15.14100	85.00000	0.18385	0.39223	1.3240
				27.90910	15.14100	85.00000	0.22340	0.53021	1.3962
				28.66340	15.14100	85.00000	0.24512	0.65732	1.4614
				29.41770	15.14100	85.00000	0.25006	0.77281	1.5198
				30.17200	15.14100	85.00000	0.24116	0.88148	1.5721
				30.92630	15.14100	85.00000	0.22158	0.98782	1.6188
				31.68060	15.14100	85.00000	0.19072	1.0824	1.6582
				32.43490	15.14100	85.00000	0.15053	1.1639	1.6899
				33.18920	15.14100	85.00000	0.10322	1.2306	1.7135
				33.94350	15.14100	85.00000	0.051172	1.2814	1.7284
				34.69780	15.14100	85.00000	0.048497	1.3155	1.7393
				35.45210	15.14100	85.00000	0.049747	1.3494	1.7501
				36.20640	15.14100	85.00000	0.051010	1.3837	1.7607
				36.96070	15.14100	85.00000	0.052288	1.4183	1.7711
				37.71500	15.14100	85.00000	0.053579	1.4539	1.7813
				38.46930	15.14100	85.00000	0.054477	1.4777	1.7899
				39.22360	15.14100	85.00000	0.053334	1.4467	1.7909
				39.97790	15.14100	85.00000	0.052158	1.4148	1.7915
				40.73220	15.14100	85.00000	0.050952	1.3821	1.7916
				41.48650	15.14100	85.00000	0.049714	1.3485	1.7914
				42.24080	15.14100	85.00000	0.048444	1.3140	1.7908
				42.99510	15.14100	85.00000	0.029303	1.2814	1.7911
				43.74940	15.14100	85.00000	-0.016320	1.2407	1.7866
				44.50370	15.14100	85.00000	-0.060828	1.1845	1.7730
				45.25800	15.14100	85.00000	-0.10225	1.1148	1.7507
				46.01230	15.14100	85.00000	-0.13872	1.0332	1.7200
				46.76660	15.14100	85.00000	-0.16848	0.94156	1.6815
				47.52090	15.14100	85.00000	-0.18995	0.84163	1.6357
				48.27520	15.14100	85.00000	-0.20178	0.73507	1.5832
				49.02950	15.14100	85.00000	-0.20279	0.62342	1.5243
				49.78380	15.14100	85.00000	-0.19206	0.50807	1.4595
				50.53810	15.14100	85.00000	-0.16885	0.39028	1.3889
				51.29240	15.14100	85.00000	-0.13264	0.27111	1.3123
				52.04670	15.14100	85.00000	-0.084646	0.15434	1.2293
				52.80100	15.14100	85.00000	-0.051418	0.084024	1.1394
				53.55530	15.14100	85.00000	-0.0094349	0.013973	1.0409
				54.30960	15.14100	85.00000	0.0	0.0	0.94831
				55.06390	15.14100	85.00000	0.0	0.0	0.85862
				55.81820	15.14100	85.00000	0.0	0.0	0.76535
				56.57250	15.14100	85.00000	0.0	0.0	0.66876
				57.32680	15.14100	85.00000	0.0	0.0	0.56907
				58.08110	15.14100	85.00000	0.0	0.0	0.46650
				58.83540	15.14100	85.00000	0.0	0.0	0.36124
				59.58970	15.14100	85.00000	0.0	0.0	0.25348
				60.34400	15.14100	85.00000	0.0	0.0	0.14339
				61.09830	15.14100	85.00000	0.0	0.0	0.031128
				61.85260	15.14100	85.00000	0.0	0.0	-0.010132
				62.60690	15.14100	85.00000	0.0	0.0	-0.010293
				63.36120	15.14100	85.00000	0.0	0.0	-0.010394
				64.11550	15.14100	85.00000	0.0	0.0	-0.010443
				64.86980	15.14100	85.00000	0.0	0.0	-0.010446
				65.62410	15.14100	85.00000	0.0	0.0	-0.010408
				66.37840	15.14100	85.00000	0.0	0.0	-0.010337
				67.13270	15.14100	85.00000	0.0	0.0	-0.010236
				67.88700	15.14100	85.00000	0.0	0.0	-0.010110
				68.64130	15.14100	85.00000	0.0	0.0	-0.0099631
				69.39560	15.14100	85.00000	0.0	0.0	-0.0097990
				70.14990	15.14100	85.00000	0.0	0.0	-0.0096206
				70.90420	15.14100	85.00000	0.0	0.0	-0.0094310
				71.65850	15.14100	85.00000	0.0	0.0	-0.0092325
				72.41280	15.14100	85.00000	0.0	0.0	-0.0090273
				73.16710	15.14100	85.00000	0.0	0.0	-0.0088172
				73.92140	15.14100	85.00000	0.0	0.0	-0.0086040
				74.67570	15.14100	85.00000	0.0	0.0	-0.0083890
				75.43000	15.14100	85.00000	0.0	0.0	-0.0081734
				0.00000	15.86200	85.00000	0.0	0.0	-0.0079909
				0.75430	15.86200	85.00000	0.0	0.0	-0.0082099
				1.50860	15.86200	85.00000	0.0	0.0	-0.0084298
				2.26290	15.86200	85.00000	0.0	0.0	-0.0086494
				3.01720	15.86200	85.00000	0.0	0.0	-0.0088677
				3.77150	15.86200	85.00000	0.0	0.0	-0.0090832
				4.52580	15.86200	85.00000	0.0	0.0	-0.0092943
				5.28010	15.86200	85.00000	0.0	0.0	-0.0094990
				6.03440	15.86200	85.00000	0.0	0.0	-0.0096954
				6.78870	15.86200	85.00000	0.0	0.0	-0.0098808
				7.54300	15.86200	85.00000	0.0	0.0	-0.010052
				8.29730	15.86200	85.00000	0.0	0.0	-0.010207
				9.05160	15.86200	85.00000	0.0	0.0	-0.010341
				9.80590	15.86200	85.00000	0.0	0.0	-0.010450
				10.56020	15.86200	85.00000	0.0	0.0	-0.010530
				11.31450	15.86200	85.00000	0.0	0.0	-0.010575
				12.06880	15.86200	85.00000	0.0	0.0	-0.010579
				12.82310	15.86200	85.00000	0.0	0.0	-0.010537
				13.57740	15.86200	85.00000	0.0	0.0	-0.010441
				14.33170	15.86200	85.00000	0.0	0.0	-0.010283
				15.08600	15.86200	85.00000	0.0	0.0	-0.010056
				15.84030	15.86200	85.00000	0.0	0.0	0.079649
				16.59460	15.86200	85.00000	0.0	0.0	0.18643
				17.34890	15.86200	85.00000	0.0	0.0	0.29077
				18.10320	15.86200	85.00000	0.0	0.0	0.39250
				18.85750	15.86200	85.00000	0.0	0.0	0.49142
				19.61180	15.86200	85.00000	0.0	0.0	0.58736
				20.36610	15.86200	85.00000	0.0	0.0	0.68010
				21.12040	15.86200	85.00000	0.0	0.0	0.76943
				21.87470	15.86200	85.00000	0.0	0.0	0.85511
				22.62900	15.86200	85.00000	0.0	0.0	0.93690
				23.38330	15.86200	85.00000	0.0	0.0	1.0154
				24.13760	15.86200	85.00000	0.068023	0.11534	1.1228
				24.89190	15.86200	85.00000	0.13428	0.22769	1.2200



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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				25.64620	15.86200	85.00000	0.21188	0.36342	1.3114
				26.40050	15.86200	85.00000	0.28350	0.52776	1.3992
				27.15480	15.86200	85.00000	0.33437	0.68282	1.4804
				27.90910	15.86200	85.00000	0.36490	0.82781	1.5557
				28.66340	15.86200	85.00000	0.37579	0.96194	1.6251
				29.41770	15.86200	85.00000	0.36807	1.0843	1.6884
				30.17200	15.86200	85.00000	0.34368	1.1961	1.7452
				30.92630	15.86200	85.00000	0.30949	1.3140	1.7975
				31.68060	15.86200	85.00000	0.26259	1.4201	1.8422
				32.43490	15.86200	85.00000	0.20518	1.5128	1.8786
				33.18920	15.86200	85.00000	0.13969	1.5904	1.9058
				33.94350	15.86200	85.00000	0.068825	1.6513	1.9234
				34.69780	15.86200	85.00000	0.062347	1.6912	1.9361
				35.45210	15.86200	85.00000	0.063780	1.7300	1.9488
				36.20640	15.86200	85.00000	0.065226	1.7693	1.9612
				36.96070	15.86200	85.00000	0.066687	1.8089	1.9735
				37.71500	15.86200	85.00000	0.068161	1.8489	1.9855
				38.46930	15.86200	85.00000	0.069250	1.8784	1.9956
				39.22360	15.86200	85.00000	0.067700	1.8364	1.9952
				39.97790	15.86200	85.00000	0.066118	1.7935	1.9942
				40.73220	15.86200	85.00000	0.064505	1.7497	1.9927
				41.48650	15.86200	85.00000	0.062861	1.7051	1.9907
				42.24080	15.86200	85.00000	0.061185	1.6596	1.9881
				42.99510	15.86200	85.00000	0.037864	1.6155	1.9867
				43.74940	15.86200	85.00000	-0.022542	1.5625	1.9809
				44.50370	15.86200	85.00000	-0.081662	1.4935	1.9648
				45.25800	15.86200	85.00000	-0.13725	1.4103	1.9388
				46.01230	15.86200	85.00000	-0.18718	1.3150	1.9036
				46.76660	15.86200	85.00000	-0.22948	1.2096	1.8597
				47.52090	15.86200	85.00000	-0.26241	1.0962	1.8081
				48.27520	15.86200	85.00000	-0.29447	0.97650	1.7495
				49.02950	15.86200	85.00000	-0.29442	0.85234	1.6848
				49.78380	15.86200	85.00000	-0.29131	0.72520	1.6144
				50.53810	15.86200	85.00000	-0.27440	0.59642	1.5391
				51.29240	15.86200	85.00000	-0.24322	0.46715	1.4588
				52.04670	15.86200	85.00000	-0.19751	0.33837	1.3735
				52.80100	15.86200	85.00000	-0.13989	0.21551	1.2838
				53.55530	15.86200	85.00000	-0.082740	0.11554	1.1871
				54.30960	15.86200	85.00000	-0.031942	0.040906	1.0818
				55.06390	15.86200	85.00000	0.0	0.0	0.97466
				55.81820	15.86200	85.00000	0.0	0.0	0.87845
				56.57250	15.86200	85.00000	0.0	0.0	0.77897
				57.32680	15.86200	85.00000	0.0	0.0	0.67647
				58.08110	15.86200	85.00000	0.0	0.0	0.57116
				58.83540	15.86200	85.00000	0.0	0.0	0.46324
				59.58970	15.86200	85.00000	0.0	0.0	0.35290
				60.34400	15.86200	85.00000	0.0	0.0	0.24032
				61.09830	15.86200	85.00000	0.0	0.0	0.12565
				61.85260	15.86200	85.00000	0.0	0.0	0.0090442
				62.60690	15.86200	85.00000	0.0	0.0	-0.010158
				63.36120	15.86200	85.00000	0.0	0.0	-0.010312
				64.11550	15.86200	85.00000	0.0	0.0	-0.010405
				64.86980	15.86200	85.00000	0.0	0.0	-0.010444
				65.62410	15.86200	85.00000	0.0	0.0	-0.010437
				66.37840	15.86200	85.00000	0.0	0.0	-0.010389
				67.13270	15.86200	85.00000	0.0	0.0	-0.010307
				67.88700	15.86200	85.00000	0.0	0.0	-0.010196
				68.64130	15.86200	85.00000	0.0	0.0	-0.010061
				69.39560	15.86200	85.00000	0.0	0.0	-0.0099054
				70.14990	15.86200	85.00000	0.0	0.0	-0.0097333
				70.90420	15.86200	85.00000	0.0	0.0	-0.0095477
				71.65850	15.86200	85.00000	0.0	0.0	-0.0093516
				72.41280	15.86200	85.00000	0.0	0.0	-0.0091475
				73.16710	15.86200	85.00000	0.0	0.0	-0.0089374
				73.92140	15.86200	85.00000	0.0	0.0	-0.0087232
				74.67570	15.86200	85.00000	0.0	0.0	-0.0085065
				75.43000	15.86200	85.00000	0.0	0.0	-0.0082887
				0.00000	16.58300	85.00000	0.0	0.0	-0.0081014
				0.75430	16.58300	85.00000	0.0	0.0	-0.0083232
				1.50860	16.58300	85.00000	0.0	0.0	-0.0085454
				2.26290	16.58300	85.00000	0.0	0.0	-0.0087669
				3.01720	16.58300	85.00000	0.0	0.0	-0.0089862
				3.77150	16.58300	85.00000	0.0	0.0	-0.0092020
				4.52580	16.58300	85.00000	0.0	0.0	-0.0094123
				5.28010	16.58300	85.00000	0.0	0.0	-0.0096150
				6.03440	16.58300	85.00000	0.0	0.0	-0.0098076
				6.78870	16.58300	85.00000	0.0	0.0	-0.0099874
				7.54300	16.58300	85.00000	0.0	0.0	-0.010151
				8.29730	16.58300	85.00000	0.0	0.0	-0.010295
				9.05160	16.58300	85.00000	0.0	0.0	-0.010445
				9.80590	16.58300	85.00000	0.0	0.0	-0.010506
				10.56020	16.58300	85.00000	0.0	0.0	-0.010562
				11.31450	16.58300	85.00000	0.0	0.0	-0.010579
				12.06880	16.58300	85.00000	0.0	0.0	-0.010548
				12.82310	16.58300	85.00000	0.0	0.0	-0.010463
				13.57740	16.58300	85.00000	0.0	0.0	-0.010315
				14.33170	16.58300	85.00000	0.0	0.0	-0.010095
				15.08600	16.58300	85.00000	0.0	0.0	0.068460
				15.84030	16.58300	85.00000	0.0	0.0	0.17992
				16.59460	16.58300	85.00000	0.0	0.0	0.28917
				17.34890	16.58300	85.00000	0.0	0.0	0.39605
				18.10320	16.58300	85.00000	0.0	0.0	0.50038
				18.85750	16.58300	85.00000	0.0	0.0	0.60199
				19.61180	16.58300	85.00000	0.0	0.0	0.70067
				20.36610	16.58300	85.00000	0.0	0.0	0.79621
				21.12040	16.58300	85.00000	0.0	0.0	0.88838
				21.87470	16.58300	85.00000	0.0	0.0	0.97694
				22.62900	16.58300	85.00000	0.032208	0.051646	1.0769
				23.38330	16.58300	85.00000	0.092585	0.15699	1.1770
				24.13760	16.58300	85.00000	0.18179	0.30825	1.2776
				24.89190	16.58300	85.00000	0.29817	0.50559	1.3752
				25.64620	16.58300	85.00000	0.38415	0.65138	1.4631
				26.40050	16.58300	85.00000	0.45339	0.80707	1.5519
				27.15480	16.58300	85.00000	0.49720	0.96969	1.6384
				27.90910	16.58300	85.00000	0.51867	1.1224	1.7201
				28.66340	16.58300	85.00000	0.51842	1.2642	1.7968
				29.41770	16.58300	85.00000	0.49743	1.3942	1.8675
				30.17200	16.58300	85.00000	0.45707	1.5113	1.9314
				30.92630	16.58300	85.00000	0.40583	1.6374	1.9909
				31.68060	16.58300	85.00000	0.34153	1.7561	2.0429
				32.43490	16.58300	85.00000	0.26527	1.8612	2.0856
				33.18920	16.58300	85.00000	0.17981	1.9508	2.1179
				33.94350	16.58300	85.00000	0.088194	2.0229	2.1391
				34.69780	16.58300	85.00000	0.076274	2.0689	2.1544
				35.45210	16.58300	85.00000	0.077890	2.1128	2.1696
				36.20640	16.58300	85.00000	0.079521	2.1570	2.1845
				36.96070	16.58300	85.00000	0.081165	2.2016	2.1992
				37.71500	16.58300	85.00000	0.082823	2.2466	2.2136
				38.46930	16.58300	85.00000	0.084145	2.2824	2.2261
				39.22360	16.58300	85.00000	0.082190	2.2294	2.2235
				39.97790	16.58300	85.00000	0.080203	2.1755	2.2202
				40.73220	16.58300	85.00000	0.078185	2.1208	2.2162
				41.48650	16.58300	85.00000	0.076135	2.0652	2.2115
				42.24080	16.58300	85.00000	0.074054	2.0087	2.2061
				42.99510	16.58300	85.00000	0.047028	1.9526	2.2024
				43.74940	16.58300	85.00000	-0.029766	1.8862	2.1948
				44.50370	16.58300	85.00000	-0.10506	1.8028	2.1753
				45.25800	16.58300	85.00000	-0.17628	1.7047	2.1444
				46.01230	16.58300	85.00000	-0.24099	1.5943	2.1031
				46.76660	16.58300	85.00000	-0.29696	1.4738	2.0522



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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
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Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				47.52090	16.58300	85.00000	-0.34226	1.3456	1.9928	*
				48.27520	16.58300	85.00000	-0.37524	1.2117	1.9261	*
				49.02950	16.58300	85.00000	-0.39459	1.0740	1.8532	*
				49.78380	16.58300	85.00000	-0.39932	0.93419	1.7749	*
				50.53810	16.58300	85.00000	-0.38874	0.79372	1.6922	*
				51.29240	16.58300	85.00000	-0.36245	0.65379	1.6056	*
				52.04670	16.58300	85.00000	-0.32345	0.52082	1.5162	*
				52.80100	16.58300	85.00000	-0.26915	0.39114	1.4232	*
				53.55530	16.58300	85.00000	-0.19672	0.26016	1.3252	*
				54.30960	16.58300	85.00000	-0.11231	0.13566	1.2208	*
				55.06390	16.58300	85.00000	-0.051023	0.057091	-1.1092	*
				55.81820	16.58300	85.00000	0.0	0.0	0.98960	*
				56.57250	16.58300	85.00000	0.0	0.0	0.88711	*
				57.32680	16.58300	85.00000	0.0	0.0	0.78168	*
				58.08110	16.58300	85.00000	0.0	0.0	0.67353	*
				58.83540	16.58300	85.00000	0.0	0.0	0.56287	*
				59.58970	16.58300	85.00000	0.0	0.0	0.44989	*
				60.34400	16.58300	85.00000	0.0	0.0	0.33476	*
				61.09830	16.58300	85.00000	0.0	0.0	0.21764	*
				61.85260	16.58300	85.00000	0.0	0.0	0.098671	*
				62.60690	16.58300	85.00000	0.0	0.0	-0.009774	*
				63.36120	16.58300	85.00000	0.0	0.0	-0.010193	*
				64.11550	16.58300	85.00000	0.0	0.0	-0.010337	*
				64.86980	16.58300	85.00000	0.0	0.0	-0.010418	*
				65.62410	16.58300	85.00000	0.0	0.0	-0.010444	*
				66.37840	16.58300	85.00000	0.0	0.0	-0.010424	*
				67.13270	16.58300	85.00000	0.0	0.0	-0.010364	*
				67.88700	16.58300	85.00000	0.0	0.0	-0.010271	*
				68.64130	16.58300	85.00000	0.0	0.0	-0.010149	*
				69.39560	16.58300	85.00000	0.0	0.0	-0.010003	*
				70.14990	16.58300	85.00000	0.0	0.0	-0.0098366	*
				70.90420	16.58300	85.00000	0.0	0.0	-0.0096582	*
				71.65850	16.58300	85.00000	0.0	0.0	-0.0094655	*
				72.41280	16.58300	85.00000	0.0	0.0	-0.0092631	*
				73.16710	16.58300	85.00000	0.0	0.0	-0.0090535	*
				73.92140	16.58300	85.00000	0.0	0.0	-0.0088389	*
				74.67570	16.58300	85.00000	0.0	0.0	-0.0086209	*
				75.43000	16.58300	85.00000	0.0	0.0	-0.0084012	*
				0.00000	17.30400	85.00000	0.0	0.0	-0.0082092	*
				0.75430	17.30400	85.00000	0.0	0.0	-0.0084335	*
				1.50860	17.30400	85.00000	0.0	0.0	-0.0086578	*
				2.26290	17.30400	85.00000	0.0	0.0	-0.0088807	*
				3.01720	17.30400	85.00000	0.0	0.0	-0.0091007	*
				3.77150	17.30400	85.00000	0.0	0.0	-0.0093162	*
				4.52580	17.30400	85.00000	0.0	0.0	-0.0095251	*
				5.28010	17.30400	85.00000	0.0	0.0	-0.0097249	*
				6.03440	17.30400	85.00000	0.0	0.0	-0.0099128	*
				6.78870	17.30400	85.00000	0.0	0.0	-0.010086	*
				7.54300	17.30400	85.00000	0.0	0.0	-0.010240	*
				8.29730	17.30400	85.00000	0.0	0.0	-0.010371	*
				9.05160	17.30400	85.00000	0.0	0.0	-0.010474	*
				9.80590	17.30400	85.00000	0.0	0.0	-0.010545	*
				10.56020	17.30400	85.00000	0.0	0.0	-0.010575	*
				11.31450	17.30400	85.00000	0.0	0.0	-0.010559	*
				12.06880	17.30400	85.00000	0.0	0.0	-0.010488	*
				12.82310	17.30400	85.00000	0.0	0.0	-0.010354	*
				13.57740	17.30400	85.00000	0.0	0.0	-0.010147	*
				14.33170	17.30400	85.00000	0.0	0.0	0.048085	*
				15.08600	17.30400	85.00000	0.0	0.0	0.16397	*
				15.84030	17.30400	85.00000	0.0	0.0	0.27787	*
				16.59460	17.30400	85.00000	0.0	0.0	0.38965	*
				17.34890	17.30400	85.00000	0.0	0.0	0.49914	*
				18.10320	17.30400	85.00000	0.0	0.0	0.60618	*
				18.85750	17.30400	85.00000	0.0	0.0	0.71057	*
				19.61180	17.30400	85.00000	0.0	0.0	0.81211	*
				20.36610	17.30400	85.00000	0.0	0.0	0.91058	*
				21.12040	17.30400	85.00000	0.0	0.0	1.0058	*
				21.87470	17.30400	85.00000	0.061788	0.089840	1.1213	*
				22.62900	17.30400	85.00000	0.12822	0.19804	1.2275	*
				23.38330	17.30400	85.00000	0.21872	0.35926	1.3255	*
				24.13760	17.30400	85.00000	0.32723	0.55488	1.4224	*
				24.89190	17.30400	85.00000	0.46726	0.79232	1.5256	*
				25.64620	17.30400	85.00000	0.56421	0.95670	1.6185	*
				26.40050	17.30400	85.00000	0.63679	1.0819	1.7082	*
				27.15480	17.30400	85.00000	0.67386	1.2527	1.8035	*
				27.90910	17.30400	85.00000	0.68632	1.4138	1.8949	*
				28.66340	17.30400	85.00000	0.67467	1.5641	1.9817	*
				29.41770	17.30400	85.00000	0.63979	1.7025	2.0625	*
				30.17200	17.30400	85.00000	0.58309	1.8279	2.1359	*
				30.92630	17.30400	85.00000	0.51194	1.9576	2.2038	*
				31.68060	17.30400	85.00000	0.42868	2.0903	2.2651	*
				32.43490	17.30400	85.00000	0.33173	2.2092	2.3158	*
				33.18920	17.30400	85.00000	0.22420	2.3120	2.3546	*
				33.94350	17.30400	85.00000	0.10957	2.3966	2.3804	*
				34.69780	17.30400	85.00000	0.030302	2.4494	2.3990	*
				35.45210	17.30400	85.00000	0.092103	2.4983	2.4175	*
				36.20640	17.30400	85.00000	0.093918	2.5475	2.4357	*
				36.96070	17.30400	85.00000	0.095747	2.5971	2.4535	*
				37.71500	17.30400	85.00000	0.097590	2.6471	2.4710	*
				38.46930	17.30400	85.00000	0.099188	2.6905	2.4867	*
				39.22360	17.30400	85.00000	0.096828	2.6265	2.4810	*
				39.97790	17.30400	85.00000	0.094437	2.5616	2.4744	*
				40.73220	17.30400	85.00000	0.092014	2.4959	2.4668	*
				41.48650	17.30400	85.00000	0.089560	2.4293	2.4583	*
				42.24080	17.30400	85.00000	0.087074	2.3619	2.4490	*
				42.99510	17.30400	85.00000	0.056904	2.2936	2.4417	*
				43.74940	17.30400	85.00000	-0.038166	2.2122	2.4317	*
				44.50370	17.30400	85.00000	-0.13148	2.1128	2.4078	*
				45.25800	17.30400	85.00000	-0.22005	1.9982	2.3709	*
				46.01230	17.30400	85.00000	-0.30106	1.8710	2.3220	*
				46.76660	17.30400	85.00000	-0.37200	1.7338	2.2623	*
				47.52090	17.30400	85.00000	-0.43068	1.5894	2.1933	*
				48.27520	17.30400	85.00000	-0.47532	1.4400	2.1163	*
				49.02950	17.30400	85.00000	-0.50452	1.2876	2.0329	*
				49.78380	17.30400	85.00000	-0.51730	1.1343	1.9444	*
				50.53810	17.30400	85.00000	-0.51302	0.98140	1.8519	*
				51.29240	17.30400	85.00000	-0.49245	0.83211	1.7566	*
				52.04670	17.30400	85.00000	-0.46080	0.69638	1.6607	*
				52.80100	17.30400	85.00000	-0.40924	0.55954	1.5616	*
				53.55530	17.30400	85.00000	-0.33811	0.42212	1.4592	*
				54.30960	17.30400	85.00000	-0.24787	0.28449	1.3526	*
				55.06390	17.30400	85.00000	-0.13908	0.14692	1.2404	*
				55.81820	17.30400	85.00000	-0.063971	0.063105	1.1203	*
				56.57250	17.30400	85.00000	0.0	0.0	0.99301	*
				57.32680	17.30400	85.00000	0.0	0.0	0.88453	*
				58.08110	17.30400	85.00000	0.0	0.0	0.77345	*
				58.83540	17.30400	85.00000	0.0	0.0	0.65997	*
				59.58970	17.30400	85.00000	0.0	0.0	0.54428	*
				60.34400	17.30400	85.00000	0.0	0.0	0.42655	*
				61.09830	17.30400	85.00000	0.0	0.0	0.30693	*
				61.85260	17.30400	85.00000	0.0	0.0	0.18557	*
				62.60690	17.30400	85.00000	0.0	0.0	0.062601	*
				63.36120	17.30400	85.00000	0.0	0.0	-0.010035	*
				64.11550	17.30400	85.00000	0.0	0.0	-0.010236	*
				64.86980	17.30400	85.00000	0.0	0.0	-0.010364	*
				65.62410	17.30400	85.00000	0.0	0.0	-0.010429	*
				66.37840	17.30400</					



Highgate Cemetery
B2

A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				69.39560	17.30400	85.00000	0.0	0.0	-0.010092
				70.14990	17.30400	85.00000	0.0	0.0	-0.0099362
				70.90420	17.30400	85.00000	0.0	0.0	-0.0097621
				71.65850	17.30400	85.00000	0.0	0.0	-0.0095736
				72.41280	17.30400	85.00000	0.0	0.0	-0.0093738
				73.16710	17.30400	85.00000	0.0	0.0	-0.0091653
				73.92140	17.30400	85.00000	0.0	0.0	-0.0089507
				74.67570	17.30400	85.00000	0.0	0.0	-0.0087319
				75.43000	17.30400	85.00000	0.0	0.0	-0.0085106
				0.00000	18.02500	85.00000	0.0	0.0	-0.0083143
				0.75430	18.02500	85.00000	0.0	0.0	-0.0085408
				1.50860	18.02500	85.00000	0.0	0.0	-0.0087667
				2.26290	18.02500	85.00000	0.0	0.0	-0.0089907
				3.01720	18.02500	85.00000	0.0	0.0	-0.0092109
				3.77150	18.02500	85.00000	0.0	0.0	-0.0094256
				4.52580	18.02500	85.00000	0.0	0.0	-0.0096323
				5.28010	18.02500	85.00000	0.0	0.0	-0.0098283
				6.03440	18.02500	85.00000	0.0	0.0	-0.010011
				6.78870	18.02500	85.00000	0.0	0.0	-0.010175
				7.54300	18.02500	85.00000	0.0	0.0	-0.010319
				8.29730	18.02500	85.00000	0.0	0.0	-0.010435
				9.05160	18.02500	85.00000	0.0	0.0	-0.010520
				9.80590	18.02500	85.00000	0.0	0.0	-0.010566
				10.56020	18.02500	85.00000	0.0	0.0	-0.010567
				11.31450	18.02500	85.00000	0.0	0.0	-0.010514
				12.06880	18.02500	85.00000	0.0	0.0	-0.010398
				12.82310	18.02500	85.00000	0.0	0.0	-0.010209
				13.57740	18.02500	85.00000	0.0	0.0	0.018644
				14.33170	18.02500	85.00000	0.0	0.0	0.13867
				15.08600	18.02500	85.00000	0.0	0.0	0.25695
				15.84030	18.02500	85.00000	0.0	0.0	0.37335
				16.59460	18.02500	85.00000	0.0	0.0	0.48772
				17.34890	18.02500	85.00000	0.0	0.0	0.59990
				18.10320	18.02500	85.00000	0.0	0.0	0.70972
				18.85750	18.02500	85.00000	0.0	0.0	0.81700
				19.61180	18.02500	85.00000	0.0	0.0	0.92152
				20.36610	18.02500	85.00000	0.0035124	0.0043438	1.0274
				21.12040	18.02500	85.00000	0.083682	0.10977	1.1504
				21.87470	18.02500	85.00000	0.16583	0.23088	1.2633
				22.62900	18.02500	85.00000	0.27597	0.40814	1.3689
				23.38330	18.02500	85.00000	0.37456	0.59108	1.4690
				24.13760	18.02500	85.00000	0.46126	0.77908	1.5649
				24.89190	18.02500	85.00000	0.60684	1.0290	1.6725
				25.64620	18.02500	85.00000	0.75274	1.2764	1.7834
				26.40050	18.02500	85.00000	0.82157	1.3931	1.8788
				27.15480	18.02500	85.00000	0.86605	1.5317	1.9803
				27.90910	18.02500	85.00000	0.86968	1.7020	2.0845
				28.66340	18.02500	85.00000	0.84643	1.8615	2.1841
				29.41770	18.02500	85.00000	0.79709	2.0092	2.2774
				30.17200	18.02500	85.00000	0.72301	2.1437	2.3624
				30.92630	18.02500	85.00000	0.62942	2.2746	2.4395
				31.68060	18.02500	85.00000	0.52544	2.4227	2.5121
				32.43490	18.02500	85.00000	0.40566	2.5568	2.5726
				33.18920	18.02500	85.00000	0.27361	2.6743	2.6194
				33.94350	18.02500	85.00000	0.13332	2.7729	2.6510
				34.69780	18.02500	85.00000	0.10446	2.8334	2.6737
				35.45210	18.02500	85.00000	0.10644	2.8872	2.6962
				36.20640	18.02500	85.00000	0.10844	2.9415	2.7184
				36.96070	18.02500	85.00000	0.11046	2.9961	2.7402
				37.71500	18.02500	85.00000	0.11249	3.0512	2.7614
				38.46930	18.02500	85.00000	0.11440	3.1032	2.7814
				39.22360	18.02500	85.00000	0.11164	3.0282	2.7714
				39.97790	18.02500	85.00000	0.10884	2.9524	2.7602
				40.73220	18.02500	85.00000	0.10602	2.8757	2.7479
				41.48650	18.02500	85.00000	0.10316	2.7982	2.7343
				42.24080	18.02500	85.00000	0.10027	2.7198	2.7197
				42.99510	18.02500	85.00000	0.067623	2.6392	2.7075
				43.74940	18.02500	85.00000	-0.047962	2.5410	2.6943
				44.50370	18.02500	85.00000	-0.16147	2.4238	2.6650
				45.25800	18.02500	85.00000	-0.26939	2.2906	2.6207
				46.01230	18.02500	85.00000	-0.36849	2.1447	2.5626
				46.76660	18.02500	85.00000	-0.45587	1.9891	2.4923
				47.52090	18.02500	85.00000	-0.52907	1.8268	2.4117
				48.27520	18.02500	85.00000	-0.58616	1.6605	2.3224
				49.02950	18.02500	85.00000	-0.62566	1.4923	2.2264
				49.78380	18.02500	85.00000	-0.64663	1.3245	2.1252
				50.53810	18.02500	85.00000	-0.64851	1.1585	2.0206
				51.29240	18.02500	85.00000	-0.63866	1.0085	1.9161
				52.04670	18.02500	85.00000	-0.61078	0.86450	1.8102
				52.80100	18.02500	85.00000	-0.56121	0.72022	1.7022
				53.55530	18.02500	85.00000	-0.49049	0.57615	1.5926
				54.30960	18.02500	85.00000	-0.39933	0.43264	1.4809
				55.06390	18.02500	85.00000	-0.28852	0.28992	1.3660
				55.81820	18.02500	85.00000	-0.15887	0.14811	1.2460
				56.57250	18.02500	85.00000	-0.068042	0.059646	1.1180
				57.32680	18.02500	85.00000	0.0	0.0	0.98484
				58.08110	18.02500	85.00000	0.0	0.0	0.87073
				58.83540	18.02500	85.00000	0.0	0.0	0.75435
				59.58970	18.02500	85.00000	0.0	0.0	0.63589
				60.34400	18.02500	85.00000	0.0	0.0	0.51551
				61.09830	18.02500	85.00000	0.0	0.0	0.39337
				61.85260	18.02500	85.00000	0.0	0.0	0.26960
				62.60690	18.02500	85.00000	0.0	0.0	0.14432
				63.36120	18.02500	85.00000	0.0	0.0	0.017653
				64.11550	18.02500	85.00000	0.0	0.0	-0.010101
				64.86980	18.02500	85.00000	0.0	0.0	-0.010282
				65.62410	18.02500	85.00000	0.0	0.0	-0.010391
				66.37840	18.02500	85.00000	0.0	0.0	-0.010438
				67.13270	18.02500	85.00000	0.0	0.0	-0.010431
				67.88700	18.02500	85.00000	0.0	0.0	-0.010380
				68.64130	18.02500	85.00000	0.0	0.0	-0.010291
				69.39560	18.02500	85.00000	0.0	0.0	-0.010171
				70.14990	18.02500	85.00000	0.0	0.0	-0.010026
				70.90420	18.02500	85.00000	0.0	0.0	-0.0098591
				71.65850	18.02500	85.00000	0.0	0.0	-0.0096757
				72.41280	18.02500	85.00000	0.0	0.0	-0.0094792
				73.16710	18.02500	85.00000	0.0	0.0	-0.0092726
				73.92140	18.02500	85.00000	0.0	0.0	-0.0090585
				74.67570	18.02500	85.00000	0.0	0.0	-0.0088392
				75.43000	18.02500	85.00000	0.0	0.0	-0.0086167
				0.00000	18.74600	85.00000	0.0	0.0	-0.0084162
				0.75430	18.74600	85.00000	0.0	0.0	-0.0086447
				1.50860	18.74600	85.00000	0.0	0.0	-0.0088720
				2.26290	18.74600	85.00000	0.0	0.0	-0.0090966
				3.01720	18.74600	85.00000	0.0	0.0	-0.0093166
				3.77150	18.74600	85.00000	0.0	0.0	-0.0095298
				4.52580	18.74600	85.00000	0.0	0.0	-0.0097336
				5.28010	18.74600	85.00000	0.0	0.0	-0.0099250
				6.03440	18.74600	85.00000	0.0	0.0	-0.010100
				6.78870	18.74600	85.00000	0.0	0.0	-0.010256
				7.54300	18.74600	85.00000	0.0	0.0	-0.010386
				8.29730	18.74600	85.00000	0.0	0.0	-0.010487
				9.05160	18.74600	85.00000	0.0	0.0	-0.010550
				9.80590	18.74600	85.00000	0.0	0.0	-0.010570
				10.56020	18.74600	85.00000	0.0	0.0	-0.010537
				11.31450	18.74600	85.00000	0.0	0.0	-0.010443
				12.06880	18.74600	85.00000	0.0	0.0	-0.010276
				12.82310	18.74600	85.00000	0.0	0.0	-0.010024
				13.57740	18.74600	85.00000	0.0	0.0	0.10419
				14.33170	18.74600	85.00000	0.0	0.0	0.22655



Highgate Cemetery
B2

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				15.08600	18.74600	85.00000	0.0	0.0	0.34726	*
				15.84030	18.74600	85.00000	0.0	0.0	0.46619	*
				16.59460	18.74600	85.00000	0.0	0.0	0.58320	*
				17.34890	18.74600	85.00000	0.0	0.0	0.69815	*
				18.10320	18.74600	85.00000	0.0	0.0	0.81084	*
				18.85750	18.74600	85.00000	0.0	0.0	0.92111	*
				19.61180	18.74600	85.00000	0.0086286	0.0095762	1.0347	*
				20.36610	18.74600	85.00000	0.096785	0.11392	1.1646	*
				21.12040	18.74600	85.00000	0.19731	0.24611	1.2846	*
				21.87470	18.74600	85.00000	0.32133	0.42554	1.3978	*
				22.62900	18.74600	85.00000	0.43374	0.61258	1.5064	*
				23.38330	18.74600	85.00000	0.53408	0.80693	1.6121	*
				24.13760	18.74600	85.00000	0.62189	1.0081	1.7157	*
				24.89190	18.74600	85.00000	0.73191	1.2411	1.8244	*
				25.64620	18.74600	85.00000	0.90686	1.5377	1.9516	*
				26.40050	18.74600	85.00000	1.0147	1.7206	2.0673	*
				27.15480	18.74600	85.00000	1.0712	1.8164	2.1736	*
				27.90910	18.74600	85.00000	1.0708	1.9865	2.2920	*
				28.66340	18.74600	85.00000	1.0359	2.1562	2.4071	*
				29.41770	18.74600	85.00000	0.97158	2.3141	2.5151	*
				30.17200	18.74600	85.00000	0.87905	2.4587	2.6135	*
				30.92630	18.74600	85.00000	0.76040	2.5885	2.7001	*
				31.68060	18.74600	85.00000	0.63349	2.7529	2.7859	*
				32.43490	18.74600	85.00000	0.48840	2.9040	2.8581	*
				33.18920	18.74600	85.00000	0.32898	3.0381	2.9145	*
				33.94350	18.74600	85.00000	0.15988	3.1523	2.9532	*
				34.69780	18.74600	85.00000	0.11876	3.2213	2.9808	*
				35.45210	18.74600	85.00000	0.12093	3.2803	3.0082	*
				36.20640	18.74600	85.00000	0.12312	3.3396	3.0352	*
				36.96070	18.74600	85.00000	0.12532	3.3993	3.0615	*
				37.71500	18.74600	85.00000	0.12753	3.4594	3.0872	*
				38.46930	18.74600	85.00000	0.12976	3.5199	3.1123	*
				39.22360	18.74600	85.00000	0.12665	3.4353	3.0971	*
				39.97790	18.74600	85.00000	0.12345	3.3485	3.0800	*
				40.73220	18.74600	85.00000	0.12022	3.2610	3.0615	*
				41.48650	18.74600	85.00000	0.11696	3.1725	3.0415	*
				42.24080	18.74600	85.00000	0.11367	3.0833	3.0201	*
				42.99510	18.74600	85.00000	0.079348	2.9902	3.0014	*
				43.74940	18.74600	85.00000	-0.059420	2.8731	2.9840	*
				44.50370	18.74600	85.00000	-0.19570	2.7356	2.9481	*
				45.25800	18.74600	85.00000	-0.32537	2.5817	2.8948	*
				46.01230	18.74600	85.00000	-0.44461	2.4148	2.8259	*
				46.76660	18.74600	85.00000	-0.55011	2.2388	2.7433	*
				47.52090	18.74600	85.00000	-0.63909	2.0569	2.6490	*
				48.27520	18.74600	85.00000	-0.70945	1.8720	2.5454	*
				49.02950	18.74600	85.00000	-0.75967	1.6869	2.4346	*
				49.78380	18.74600	85.00000	-0.78887	1.5036	2.3187	*
				50.53810	18.74600	85.00000	-0.80020	1.3298	2.2011	*
				51.29240	18.74600	85.00000	-0.79962	1.1772	2.0853	*
				52.04670	18.74600	85.00000	-0.77473	1.0245	1.9670	*
				52.80100	18.74600	85.00000	-0.72616	0.87253	1.8477	*
				53.55530	18.74600	85.00000	-0.65478	0.72167	1.7282	*
				54.30960	18.74600	85.00000	-0.56156	0.57223	1.6085	*
				55.06390	18.74600	85.00000	-0.44755	0.42436	1.4879	*
				55.81820	18.74600	85.00000	-0.31380	0.27813	1.3650	*
				56.57250	18.74600	85.00000	-0.16165	0.13377	1.2373	*
				57.32680	18.74600	85.00000	-0.060555	0.047509	1.1012	*
				58.08110	18.74600	85.00000	0.0	0.0	0.96516	*
				58.83540	18.74600	85.00000	0.0	0.0	0.84582	*
				59.58970	18.74600	85.00000	0.0	0.0	0.72453	*
				60.34400	18.74600	85.00000	0.0	0.0	0.60147	*
				61.09830	18.74600	85.00000	0.0	0.0	0.47677	*
				61.85260	18.74600	85.00000	0.0	0.0	0.35058	*
				62.60690	18.74600	85.00000	0.0	0.0	0.22299	*
				63.36120	18.74600	85.00000	0.0	0.0	0.094130	*
				64.11550	18.74600	85.00000	0.0	0.0	-0.0099298	*
				64.86980	18.74600	85.00000	0.0	0.0	-0.010171	*
				65.62410	18.74600	85.00000	0.0	0.0	-0.010329	*
				66.37840	18.74600	85.00000	0.0	0.0	-0.010415	*
				67.13270	18.74600	85.00000	0.0	0.0	-0.010440	*
				67.88700	18.74600	85.00000	0.0	0.0	-0.010414	*
				68.64130	18.74600	85.00000	0.0	0.0	-0.010345	*
				69.39560	18.74600	85.00000	0.0	0.0	-0.010241	*
				70.14990	18.74600	85.00000	0.0	0.0	-0.010107	*
				70.90420	18.74600	85.00000	0.0	0.0	-0.0099488	*
				71.65850	18.74600	85.00000	0.0	0.0	-0.0097715	*
				72.41280	18.74600	85.00000	0.0	0.0	-0.0095791	*
				73.16710	18.74600	85.00000	0.0	0.0	-0.0093749	*
				73.92140	18.74600	85.00000	0.0	0.0	-0.0091620	*
				74.67570	18.74600	85.00000	0.0	0.0	-0.0089427	*
				75.43000	18.74600	85.00000	0.0	0.0	-0.0087194	*
				0.00000	19.46700	85.00000	0.0	0.0	-0.0085150	*
				0.75430	19.46700	85.00000	0.0	0.0	-0.0087451	*
				1.50860	19.46700	85.00000	0.0	0.0	-0.0089734	*
				2.26290	19.46700	85.00000	0.0	0.0	-0.0091982	*
				3.01720	19.46700	85.00000	0.0	0.0	-0.0094174	*
				3.77150	19.46700	85.00000	0.0	0.0	-0.0096286	*
				4.52580	19.46700	85.00000	0.0	0.0	-0.0098288	*
				5.28010	19.46700	85.00000	0.0	0.0	-0.010015	*
				6.03440	19.46700	85.00000	0.0	0.0	-0.010182	*
				6.78870	19.46700	85.00000	0.0	0.0	-0.010327	*
				7.54300	19.46700	85.00000	0.0	0.0	-0.010443	*
				8.29730	19.46700	85.00000	0.0	0.0	-0.010525	*
				9.05160	19.46700	85.00000	0.0	0.0	-0.010565	*
				9.80590	19.46700	85.00000	0.0	0.0	-0.010555	*
				10.56020	19.46700	85.00000	0.0	0.0	-0.010485	*
				11.31450	19.46700	85.00000	0.0	0.0	-0.010344	*
				12.06880	19.46700	85.00000	0.0	0.0	-0.010121	*
				12.82310	19.46700	85.00000	0.0	0.0	0.060731	*
				13.57740	19.46700	85.00000	0.0	0.0	0.18685	*
				14.33170	19.46700	85.00000	0.0	0.0	0.31155	*
				15.08600	19.46700	85.00000	0.0	0.0	0.43472	*
				15.84030	19.46700	85.00000	0.0	0.0	0.55622	*
				16.59460	19.46700	85.00000	0.			

 A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B2 Job No. 3500 Sheet No. Rev.									
Dr. Ref.									
Made by PES					Date 01-Nov-2024		Checked		Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				36.96070	19.46700	85.00000	0.14036	3.8072	3.4186
				37.71500	19.46700	85.00000	0.14276	3.8724	3.4494
				38.46930	19.46700	85.00000	0.14518	3.9380	3.4793
				39.22360	19.46700	85.00000	0.14187	3.8484	3.4591
				39.97790	19.46700	85.00000	0.13828	3.7507	3.4348
				40.73220	19.46700	85.00000	0.13465	3.6523	3.4086
				41.48650	19.46700	85.00000	0.13098	3.5529	3.3806
				42.24080	19.46700	85.00000	0.12729	3.4528	3.3509
				42.99510	19.46700	85.00000	0.092279	3.3474	3.3239
				43.74940	19.46700	85.00000	-0.072881	3.2087	3.3012
				44.50370	19.46700	85.00000	-0.23503	3.0484	3.2572
				45.25800	19.46700	85.00000	-0.38926	2.8709	3.1935
				46.01230	19.46700	85.00000	-0.53107	2.6806	3.1120
				46.76660	19.46700	85.00000	-0.65660	2.4817	3.0151
				47.52090	19.46700	85.00000	-0.76274	2.2781	2.9054
				48.27520	19.46700	85.00000	-0.84720	2.0732	2.7854
				49.02950	19.46700	85.00000	-0.90849	1.8697	2.6579
				49.78380	19.46700	85.00000	-0.94582	1.6700	2.5252
				50.53810	19.46700	85.00000	-0.97315	1.4999	2.3965
				51.29240	19.46700	85.00000	-0.97701	1.3372	2.2657
				52.04670	19.46700	85.00000	-0.95404	1.1756	2.1329
				52.80100	19.46700	85.00000	-0.90526	1.0157	1.9999
				53.55530	19.46700	85.00000	-0.83189	0.85804	1.8679
				54.30960	19.46700	85.00000	-0.73524	0.70267	1.7376
				55.06390	19.46700	85.00000	-0.61667	0.54974	1.6087
				55.81820	19.46700	85.00000	-0.47749	0.39922	1.4801
				56.57250	19.46700	85.00000	-0.31895	0.25100	1.3497
				57.32680	19.46700	85.00000	-0.15527	0.11505	1.2144
				58.08110	19.46700	85.00000	-0.038986	0.027554	1.0696
				58.83540	19.46700	85.00000	0.0	0.0	0.93417
				59.58970	19.46700	85.00000	0.0	0.0	0.81001
				60.34400	19.46700	85.00000	0.0	0.0	0.68424
				61.09830	19.46700	85.00000	0.0	0.0	0.55698
				61.85260	19.46700	85.00000	0.0	0.0	0.42835
				62.60690	19.46700	85.00000	0.0	0.0	0.29846
				63.36120	19.46700	85.00000	0.0	0.0	0.16741
				64.11550	19.46700	85.00000	0.0	0.0	0.035287
				64.86980	19.46700	85.00000	0.0	0.0	-0.010030
				65.62410	19.46700	85.00000	0.0	0.0	-0.010242
				66.37840	19.46700	85.00000	0.0	0.0	-0.010372
				67.13270	19.46700	85.00000	0.0	0.0	-0.010432
				67.88700	19.46700	85.00000	0.0	0.0	-0.010434
				68.64130	19.46700	85.00000	0.0	0.0	-0.010387
				69.39560	19.46700	85.00000	0.0	0.0	-0.010300
				70.14990	19.46700	85.00000	0.0	0.0	-0.010179
				70.90420	19.46700	85.00000	0.0	0.0	-0.010031
				71.65850	19.46700	85.00000	0.0	0.0	-0.0098609
				72.41280	19.46700	85.00000	0.0	0.0	-0.0096734
				73.16710	19.46700	85.00000	0.0	0.0	-0.0094723
				73.92140	19.46700	85.00000	0.0	0.0	-0.0092609
				74.67570	19.46700	85.00000	0.0	0.0	-0.0090421
				75.43000	19.46700	85.00000	0.0	0.0	-0.0088183
				0.00000	20.18800	85.00000	0.0	0.0	-0.0086103
				0.75430	20.18800	85.00000	0.0	0.0	-0.0088417
				1.50860	20.18800	85.00000	0.0	0.0	-0.0090707
				2.26290	20.18800	85.00000	0.0	0.0	-0.0092953
				3.01720	20.18800	85.00000	0.0	0.0	-0.0095132
				3.77150	20.18800	85.00000	0.0	0.0	-0.0097218
				4.52580	20.18800	85.00000	0.0	0.0	-0.0099176
				5.28010	20.18800	85.00000	0.0	0.0	-0.010097
				6.03440	20.18800	85.00000	0.0	0.0	-0.010256
				6.78870	20.18800	85.00000	0.0	0.0	-0.010388
				7.54300	20.18800	85.00000	0.0	0.0	-0.010489
				8.29730	20.18800	85.00000	0.0	0.0	-0.010550
				9.05160	20.18800	85.00000	0.0	0.0	-0.010564
				9.80590	20.18800	85.00000	0.0	0.0	-0.010520
				10.56020	20.18800	85.00000	0.0	0.0	-0.010410
				11.31450	20.18800	85.00000	0.0	0.0	-0.010218
				12.06880	20.18800	85.00000	0.0	0.0	0.0085396
				12.82310	20.18800	85.00000	0.0	0.0	0.13811
				13.57740	20.18800	85.00000	0.0	0.0	0.26647
				14.33170	20.18800	85.00000	0.0	0.0	0.39352
				15.08600	20.18800	85.00000	0.0	0.0	0.51915
				15.84030	20.18800	85.00000	0.0	0.0	0.64326
				16.59460	20.18800	85.00000	0.0	0.0	0.76571
				17.34890	20.18800	85.00000	0.0	0.0	0.88635
				18.10320	20.18800	85.00000	0.0	0.0	1.0050
				18.85750	20.18800	85.00000	0.092440	0.086082	1.1493
				19.61180	20.18800	85.00000	0.21247	0.20951	1.2837
				20.36610	20.18800	85.00000	0.36672	0.38325	1.4116
				21.12040	20.18800	85.00000	0.50988	0.56738	1.5361
				21.87470	20.18800	85.00000	0.64129	0.76230	1.6599
				22.62900	20.18800	85.00000	0.76024	0.96826	1.7846
				23.38330	20.18800	85.00000	0.86600	1.1853	1.9110
				24.13760	20.18800	85.00000	0.95781	1.4132	2.0392
				24.89190	20.18800	85.00000	1.0349	1.6514	2.1688
				25.64620	20.18800	85.00000	1.1331	1.9214	2.3076
				26.40050	20.18800	85.00000	1.3439	2.2788	2.4855
				27.15480	20.18800	85.00000	1.4773	2.5050	2.6464
				27.90910	20.18800	85.00000	1.5181	2.5741	2.7749
				28.66340	20.18800	85.00000	1.4788	2.7355	2.9214
				29.41770	20.18800	85.00000	1.3832	2.9172	3.0649
				30.17200	20.18800	85.00000	1.2506	3.0856	3.1955
				30.92630	20.18800	85.00000	1.0829	3.2386	3.3098
				31.68060	20.18800	85.00000	0.89214	3.4047	3.4156
				32.43490	20.18800	85.00000	0.68739	3.5963	3.5169
				33.18920	20.18800	85.00000	0.46246	3.7701	3.5975
				33.94350	20.18800	85.00000	0.22379	3.9221	3.6549
				34.69780	20.18800	85.00000	0.14791	4.0121	3.6953
				35.45210	20.18800	85.00000	0.15046	4.0812	3.7348
				36.20640	20.18800	85.00000	0.15302	4.1507	3.7734
				36.96070	20.18800	85.00000	0.15560	4.2206	3.8110
				37.71500	20.18800	85.00000	0.15819	4.2909	3.8475
				38.46930	20.18800	85.00000	0.16080	4.3616	3.8829
				39.22360	20.18800	85.00000	0.15735	4.2681	3.8573
				39.97790	20.18800	85.00000	0.15335	4.1596	3.8242
				40.73220	20.18800	85.00000	0.14932	4.0503	3.7889
				41.48650	20.18800	85.00000	0.14526	3.9401	3.7514
				42.24080	20.18800	85.00000	0.14116	3.8290	3.7118
				42.99510	20.18800	85.00000	0.10667	3.7115	3.6746
				43.74940	20.18800	85.00000	-0.089773	3.5482	3.6452
				44.50370	20.18800	85.00000	-0.28054	3.3618	3.5916
				45.25800	20.18800	85.00000	-0.46271	3.1576	3.5157
				46.01230	20.18800	85.00000	-0.62990	2.9408	3.4198
				46.76660	20.18800	85.00000	-0.77764	2.7164	3.3068
				47.52090	20.18800	85.00000	-0.90242	2.4888	3.1797
				48.27520	20.18800	85.00000	-1.0018	2.2620	3.0415
				49.02950	20.18800	85.00000	-1.0744	2.0389	2.8954
				49.78380	20.18800	85.00000	-1.1275	1.8356	2.7489
				50.53810	20.18800	85.00000	-1.1655	1.6607	2.6058
				51.29240	20.18800	85.00000	-1.1726	1.4875	2.4581
				52.04670	20.18800	85.00000	-1.1502	1.3168	2.3087
				52.80100	20.18800	85.00000	-1.0997	1.1490	2.1598
				53.55530	20.18800	85.00000	-1.0227	0.98447	2.0132
				54.30960	20.18800	85.00000	-0.92104	0.82332	1.8699
				55.06390	20.18800	85.00000	-0.79632	0.66551	1.7302
				55.81820	20.18800	85.00000	-0.65018</		



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				58.83540	20.18800	85.00000	-0.0010576	677.45E-6	1.0225
				59.58970	20.18800	85.00000	0.0	0.0	0.89213
				60.34400	20.18800	85.00000	0.0	0.0	0.76362
				61.09830	20.18800	85.00000	0.0	0.0	0.63378
				61.85260	20.18800	85.00000	0.0	0.0	0.50273
				62.60690	20.18800	85.00000	0.0	0.0	0.37055
				63.36120	20.18800	85.00000	0.0	0.0	0.23734
				64.11550	20.18800	85.00000	0.0	0.0	0.10319
				64.86980	20.18800	85.00000	0.0	0.0	-0.0098584
				65.62410	20.18800	85.00000	0.0	0.0	-0.010130
				66.37840	20.18800	85.00000	0.0	0.0	-0.010308
				67.13270	20.18800	85.00000	0.0	0.0	-0.010407
				67.88700	20.18800	85.00000	0.0	0.0	-0.010440
				68.64130	20.18800	85.00000	0.0	0.0	-0.010417
				69.39560	20.18800	85.00000	0.0	0.0	-0.010349
				70.14990	20.18800	85.00000	0.0	0.0	-0.010243
				70.90420	20.18800	85.00000	0.0	0.0	-0.010106
				71.65850	20.18800	85.00000	0.0	0.0	-0.0099436
				72.41280	20.18800	85.00000	0.0	0.0	-0.0097617
				73.16710	20.18800	85.00000	0.0	0.0	-0.0095644
				73.92140	20.18800	85.00000	0.0	0.0	-0.0093552
				74.67570	20.18800	85.00000	0.0	0.0	-0.0091373
				75.43000	20.18800	85.00000	0.0	0.0	-0.0089134
				0.00000	20.90900	85.00000	0.0	0.0	-0.0087020
				0.75430	20.90900	85.00000	0.0	0.0	-0.0089345
				1.50860	20.90900	85.00000	0.0	0.0	-0.0091638
				2.26290	20.90900	85.00000	0.0	0.0	-0.0093878
				3.01720	20.90900	85.00000	0.0	0.0	-0.0096039
				3.77150	20.90900	85.00000	0.0	0.0	-0.0098092
				4.52580	20.90900	85.00000	0.0	0.0	-0.010000
				5.28010	20.90900	85.00000	0.0	0.0	-0.010172
				6.03440	20.90900	85.00000	0.0	0.0	-0.010321
				6.78870	20.90900	85.00000	0.0	0.0	-0.010440
				7.54300	20.90900	85.00000	0.0	0.0	-0.010523
				8.29730	20.90900	85.00000	0.0	0.0	-0.010561
				9.05160	20.90900	85.00000	0.0	0.0	-0.010546
				9.80590	20.90900	85.00000	0.0	0.0	-0.010467
				10.56020	20.90900	85.00000	0.0	0.0	-0.010311
				11.31450	20.90900	85.00000	0.0	0.0	-0.010064
				12.06880	20.90900	85.00000	0.0	0.0	0.080604
				12.82310	20.90900	85.00000	0.0	0.0	0.21228
				13.57740	20.90900	85.00000	0.0	0.0	0.34287
				14.33170	20.90900	85.00000	0.0	0.0	0.47226
				15.08600	20.90900	85.00000	0.0	0.0	0.60038
				15.84030	20.90900	85.00000	0.0	0.0	0.72711
				16.59460	20.90900	85.00000	0.0	0.0	0.85233
				17.34890	20.90900	85.00000	0.0	0.0	0.97591
				18.10320	20.90900	85.00000	0.073141	0.059983	1.1200
				18.85750	20.90900	85.00000	0.19208	0.16701	1.2619
				19.61180	20.90900	85.00000	0.36216	0.33337	1.3966
				20.36610	20.90900	85.00000	0.52168	0.51086	1.5281
				21.12040	20.90900	85.00000	0.66996	0.70019	1.6596
				21.87470	20.90900	85.00000	0.80624	0.90195	1.7931
				22.62900	20.90900	85.00000	0.92966	1.1166	1.9300
				23.38330	20.90900	85.00000	1.0393	1.3445	2.0709
				24.13760	20.90900	85.00000	1.1343	1.5857	2.2155
				24.89190	20.90900	85.00000	1.2135	1.8398	2.3630
				25.64620	20.90900	85.00000	1.2763	2.1062	2.5118
				26.40050	20.90900	85.00000	1.4460	2.4520	2.6984
				27.15480	20.90900	85.00000	1.6837	2.8549	2.9246
				27.90910	20.90900	85.00000	1.7319	2.9367	3.0693
				28.66340	20.90900	85.00000	1.7385	3.0187	3.2136
				29.41770	20.90900	85.00000	1.6273	3.2140	3.3777
				30.17200	20.90900	85.00000	1.4732	3.3963	3.5266
				30.92630	20.90900	85.00000	1.2779	3.5632	3.6566
				31.68060	20.90900	85.00000	1.0484	3.7243	3.7691
				32.43490	20.90900	85.00000	0.80831	3.9401	3.8879
				33.18920	20.90900	85.00000	0.54384	4.1380	3.9834
				33.94350	20.90900	85.00000	0.26270	4.3129	4.0525
				34.69780	20.90900	85.00000	0.16281	4.4162	4.1010
				35.45210	20.90900	85.00000	0.16555	4.4905	4.1477
				36.20640	20.90900	85.00000	0.16830	4.5651	4.1932
				36.96070	20.90900	85.00000	0.17107	4.6402	4.2373
				37.71500	20.90900	85.00000	0.17385	4.7156	4.2800
				38.46930	20.90900	85.00000	0.17664	4.7914	4.3212
				39.22360	20.90900	85.00000	0.17309	4.6952	4.2900
				39.97790	20.90900	85.00000	0.16869	4.5758	4.2470
				40.73220	20.90900	85.00000	0.16426	4.4557	4.2011
				41.48650	20.90900	85.00000	0.15980	4.3346	4.1526
				42.24080	20.90900	85.00000	0.15531	4.2128	4.1014
				42.99510	20.90900	85.00000	0.12285	4.0836	4.0520
				43.74940	20.90900	85.00000	-0.10765	3.8919	4.0144
				44.50370	20.90900	85.00000	-0.33361	3.6754	3.9495
				45.25800	20.90900	85.00000	-0.54776	3.4405	3.8595
				46.01230	20.90900	85.00000	-0.74368	3.1936	3.7473
				46.76660	20.90900	85.00000	-0.91609	2.9406	3.6163
				47.52090	20.90900	85.00000	-1.0611	2.6867	3.4700
				48.27520	20.90900	85.00000	-1.1761	2.4360	3.3118
				49.02950	20.90900	85.00000	-1.2599	2.1920	3.1453
				49.78380	20.90900	85.00000	-1.3362	1.9980	2.9903
				50.53810	20.90900	85.00000	-1.3795	1.8107	2.8289
				51.29240	20.90900	85.00000	-1.3884	1.6268	2.6626
				52.04670	20.90900	85.00000	-1.3647	1.4468	2.4946
				52.80100	20.90900	85.00000	-1.3106	1.2712	2.3279
				53.55530	20.90900	85.00000	-1.2281	1.1001	2.1645
				54.30960	20.90900	85.00000	-1.1195	0.9349	2.0061
				55.06390	20.90900	85.00000	-0.98681	0.77106	1.8533
				55.81820	20.90900	85.00000	-0.83200	0.61274	1.7059
				56.57250	20.90900	85.00000	-0.65684	0.45817	1.5624
				57.32680	20.90900	85.00000	-0.46288	0.30701	1.4204
				58.08110	20.90900	85.00000	-0.25151	0.15889	1.2760
				58.83540	20.90900	85.00000	-0.092524	0.056028	1.1243
				59.58970	20.90900	85.00000	0.0	0.0	0.97066
				60.34400	20.90900	85.00000	0.0	0.0	0.83941
				61.09830	20.90900	85.00000	0.0	0.0	0.70701
				61.85260	20.90900	85.00000	0.0	0.0	0.57354
				62.60690	20.90900	85.00000	0.0	0.0	0.43910
				63.36120	20.90900	85.00000	0.0	0.0	0.30435
				64.11550	20.90900	85.00000	0.0	0.0	0.16978
				64.86980	20.90900	85.00000	0.0	0.0	0.035351
				65.62410	20.90900	85.00000	0.0	0.0	-0.0099924
				66.37840	20.90900	85.00000	0.0	0.0	-0.010223
				67.13270	20.90900	85.00000	0.0	0.0	-0.010364
				67.88700	20.90900	85.00000	0.0	0.0	-0.010431
				68.64130	20.90900	85.00000	0.0	0.0	-0.010435
				69.39560	20.90900	85.00000	0.0	0.0	-0.010387
				70.14990	20.90900	85.00000	0.0	0.0	-0.010297
				70.90420	20.90900	85.00000	0.0	0.0	-0.010172
				71.65850	20.90900	85.00000	0.0	0.0	-0.010019
				72.41280	20.90900	85.00000	0.0	0.0	-0.0098441
				73.16710	20.90900	85.00000	0.0	0.0	-0.0096511
				73.92140	20.90900	85.00000	0.0	0.0	-0.0094446
				74.67570	20.90900	85.00000	0.0	0.0	-0.0092281
				75.43000	20.90900	85.00000	0.0	0.0	-0.0090044
				0.00000	21.63000	85.00000	0.0	0.0	-0.0087899
				0.75430	21.63000	85.00000	0.0	0.0	-0.0090231
				1.50860	21.63000	85.00000	0.0	0.0	-0.0092524
				2.26290	21.63000	85.00000	0.0	0.0	-0.0094754
				3.01720	21.63000	85.00000	0.0	0.0	-0.0096892
				3.77150	21.63000	85.00000	0.0	0.0	-0.0098907



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				4.52580	21.63000	85.00000	0.0	0.0	-0.010076
				5.28010	21.63000	85.00000	0.0	0.0	-0.010240
				6.03440	21.63000	85.00000	0.0	0.0	-0.010377
				6.78870	21.63000	85.00000	0.0	0.0	-0.010481
				7.54300	21.63000	85.00000	0.0	0.0	-0.010545
				8.29730	21.63000	85.00000	0.0	0.0	-0.010559
				9.05160	21.63000	85.00000	0.0	0.0	-0.010513
				9.80590	21.63000	85.00000	0.0	0.0	-0.010395
				10.56020	21.63000	85.00000	0.0	0.0	-0.010190
				11.31450	21.63000	85.00000	0.0	0.0	0.014662
				12.06880	21.63000	85.00000	0.0	0.0	0.14933
				12.82310	21.63000	85.00000	0.0	0.0	0.28310
				13.57740	21.63000	85.00000	0.0	0.0	0.41589
				14.33170	21.63000	85.00000	0.0	0.0	0.54762
				15.08600	21.63000	85.00000	0.0	0.0	0.67821
				15.84030	21.63000	85.00000	0.0	0.0	0.80757
				16.59460	21.63000	85.00000	0.0	0.0	0.93558
				17.34890	21.63000	85.00000	0.041416	0.029684	1.0761
				18.10320	21.63000	85.00000	0.15796	0.12019	1.2259
				18.85750	21.63000	85.00000	0.33668	0.27121	1.3673
				19.61180	21.63000	85.00000	0.51281	0.43911	1.5051
				20.36610	21.63000	85.00000	0.67841	0.61938	1.6431
				21.12040	21.63000	85.00000	0.83269	0.81292	1.7839
				21.87470	21.63000	85.00000	0.97475	1.0206	1.9296
				22.62900	21.63000	85.00000	1.1036	1.2432	2.0812
				23.38330	21.63000	85.00000	1.2181	1.4813	2.2388
				24.13760	21.63000	85.00000	1.3171	1.7353	2.4021
				24.89190	21.63000	85.00000	1.3995	2.0052	2.5696
				25.64620	21.63000	85.00000	1.4640	2.2905	2.7396
				26.40050	21.63000	85.00000	1.5348	2.6025	2.9179
				27.15480	21.63000	85.00000	1.7823	3.0222	3.1706
				27.90910	21.63000	85.00000	1.9557	3.3162	3.3995
				28.66340	21.63000	85.00000	1.9817	3.3603	3.5456
				29.41770	21.63000	85.00000	1.9024	3.5064	3.7143
				30.17200	21.63000	85.00000	1.7262	3.7041	3.8829
				30.92630	21.63000	85.00000	1.5015	3.8866	4.0297
				31.68060	21.63000	85.00000	1.2316	4.0509	4.1506
				32.43490	21.63000	85.00000	0.94771	4.2812	4.2830
				33.18920	21.63000	85.00000	0.63796	4.5065	4.3953
				33.94350	21.63000	85.00000	0.30771	4.7081	4.4783
				34.69780	21.63000	85.00000	0.17795	4.8270	4.5360
				35.45210	21.63000	85.00000	0.18088	4.9064	4.5906
				36.20640	21.63000	85.00000	0.18383	4.9863	4.6436
				36.96070	21.63000	85.00000	0.18678	5.0665	4.6948
				37.71500	21.63000	85.00000	0.18975	5.1471	4.7441
				38.46930	21.63000	85.00000	0.19274	5.2281	4.7913
				39.22360	21.63000	85.00000	0.18913	5.1302	4.7547
				39.97790	21.63000	85.00000	0.18434	5.0001	4.7004
				40.73220	21.63000	85.00000	0.17951	4.8691	4.6427
				41.48650	21.63000	85.00000	0.17465	4.7372	4.5817
				42.24080	21.63000	85.00000	0.16975	4.6046	4.5176
				42.99510	21.63000	85.00000	0.14125	4.4645	4.4540
				43.74940	21.63000	85.00000	-0.13025	4.2398	4.4063
				44.50370	21.63000	85.00000	-0.39603	3.9883	4.3279
				45.25800	21.63000	85.00000	-0.64711	3.7180	4.2218
				46.01230	21.63000	85.00000	-0.87566	3.4368	4.0914
				46.76660	21.63000	85.00000	-1.0755	3.1517	3.9405
				47.52090	21.63000	85.00000	-1.2423	2.8686	3.7732
				48.27520	21.63000	85.00000	-1.3735	2.5922	3.5934
				49.02950	21.63000	85.00000	-1.4835	2.3525	3.4180
				49.78380	21.63000	85.00000	-1.5708	2.1482	3.2463
				50.53810	21.63000	85.00000	-1.6177	1.9483	3.0651
				51.29240	21.63000	85.00000	-1.6263	1.7536	2.8786
				52.04670	21.63000	85.00000	-1.5992	1.5645	2.6903
				52.80100	21.63000	85.00000	-1.5391	1.3814	2.5039
				53.55530	21.63000	85.00000	-1.4488	1.2040	2.3219
				54.30960	21.63000	85.00000	-1.3310	1.0322	2.1465
				55.06390	21.63000	85.00000	-1.1883	0.86574	1.9787
				55.81820	21.63000	85.00000	-1.0229	0.70415	1.8187
				56.57250	21.63000	85.00000	-0.83681	0.54704	1.6654
				57.32680	21.63000	85.00000	-0.63204	0.39393	1.5167
				58.08110	21.63000	85.00000	-0.40983	0.24439	1.3689
				58.83540	21.63000	85.00000	-0.18644	0.10660	1.2174
				59.58970	21.63000	85.00000	-0.031967	0.017655	1.0559
				60.34400	21.63000	85.00000	0.0	0.0	0.91140
				61.09830	21.63000	85.00000	0.0	0.0	0.77645
				61.85260	21.63000	85.00000	0.0	0.0	0.64107
				62.60690	21.63000	85.00000	0.0	0.0	0.50596
				63.36120	21.63000	85.00000	0.0	0.0	0.37109
				64.11550	21.63000	85.00000	0.0	0.0	0.23640
				64.86980	21.63000	85.00000	0.0	0.0	0.10189
				65.62410	21.63000	85.00000	0.0	0.0	-0.0098306
				66.37840	21.63000	85.00000	0.0	0.0	-0.010118
				67.13270	21.63000	85.00000	0.0	0.0	-0.010305
				67.88700	21.63000	85.00000	0.0	0.0	-0.010408
				68.64130	21.63000	85.00000	0.0	0.0	-0.010441
				69.39560	21.63000	85.00000	0.0	0.0	-0.010416
				70.14990	21.63000	85.00000	0.0	0.0	-0.010343
				70.90420	21.63000	85.00000	0.0	0.0	-0.010232
				71.65850	21.63000	85.00000	0.0	0.0	-0.010089
				72.41280	21.63000	85.00000	0.0	0.0	-0.0099204
				73.16710	21.63000	85.00000	0.0	0.0	-0.0097324
				73.92140	21.63000	85.00000	0.0	0.0	-0.0095291
				74.67570	21.63000	85.00000	0.0	0.0	-0.0093143
				75.43000	21.63000	85.00000	0.0	0.0	-0.0090913
				0.00000	22.35100	85.00000	0.0	0.0	-0.0088739
				0.75430	22.35100	85.00000	0.0	0.0	-0.0091076
				1.50860	22.35100	85.00000	0.0	0.0	-0.0093365
				2.26290	22.35100	85.00000	0.0	0.0	-0.0095581
				3.01720	22.35100	85.00000	0.0	0.0	-0.0097692
				3.77150	22.35100	85.00000	0.0	0.0	-0.0099662
				4.52580	22.35100	85.00000	0.0	0.0	-0.010145
				5.28010	22.35100	85.00000	0.0	0.0	-0.010300
				6.03440	22.35100	85.00000	0.0	0.0	-0.010425
				6.78870	22.35100	85.00000	0.0	0.0	-0.010513
				7.54300	22.35100	85.00000	0.0	0.0	-0.010556
				8.29730	22.35100	85.00000	0.0	0.0	-0.010544
				9.05160	22.35100	85.00000	0.0	0.0	-0.010464
				9.80590	22.35100	85.00000	0.0	0.0	-0.010303
				10.56020	22.35100	85.00000	0.0	0.0	-0.010046
				11.31450	22.35100	85.00000	0.0	0.0	0.077973
				12.06880	22.35100	85.00000	0.0	0.0	0.21458
				12.82310	22.35100	85.00000	0.0	0.0	0.35039
				13.57740	22.35100	85.00000	0.0	0.0	0.48535
				14.33170	22.35100	85.00000	0.0	0.0	0.61939
				15.08600	22.35100	85.00000	0.0	0.0	0.75244
				15.84030	22.35100	85.00000	0.0	0.0	0.88442
				16.59460	22.35100	85.00000	0.0	0.0	1.0152
				17.34890	22.35100	85.00000	0.12167	0.080172	1.1757
				18.10320	22.35100	85.00000	0.28863	0.20189	1.3240
				18.85750	22.35100	85.00000	0.48130	0.35777	1.4676
				19.61180	22.35100	85.00000	0.66428	0.52605	1.6109
				20.36610	22.35100	85.00000	0.83682	0.70788	1.7575
				21.12040	22.35100	85.00000	0.99804	0.90441	1.9099
				21.87470	22.35100	85.00000	1.1469	1.1168	2.0698
				22.62900	22.35100	85.00000	1.2822	1.3462	2.2380
				23.38330	22.35100	85.00000	1.4027	1.5934	2.4143
				24.13760	22.35100	85.00000	1.5070	1.8594	2.5980
				24.89190	22.35100	85.00000	1.5935	2.1446	2.7875
				25.64620	22.35100	85.00000	1.6608	2.4488	2.9805

Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD										Job No.	Sheet No.	Rev.	
										3500			
										Drg. Ref.			
										Made by PES	Date 01-Nov-2024	Checked	Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz				
				[m]	[m]	[m]	[mm]	[mm]	[mm]				
				26.40050	22.35100	85.00000	1.7075	2.7715	3.1743	*			
				27.15480	22.35100	85.00000	1.8679	3.1673	3.4200	*			
				27.90910	22.35100	85.00000	2.1429	3.6335	3.7347	*			
				28.66340	22.35100	85.00000	2.2126	3.7517	3.9215	*			
				29.41770	22.35100	85.00000	2.2139	3.7929	4.0727	*			
				30.17200	22.35100	85.00000	2.0153	4.0078	4.2623	*			
				30.92630	22.35100	85.00000	1.7593	4.2078	4.4266	*			
				31.68060	22.35100	85.00000	1.4488	4.3895	4.5615	*			
				32.43490	22.35100	85.00000	1.1099	4.6177	4.6982	*			
				33.18920	22.35100	85.00000	0.74791	4.8749	4.8295	*			
				33.94350	22.35100	85.00000	0.36032	5.1074	4.9283	*			
				34.69780	22.35100	85.00000	0.19337	5.2452	4.9968	*			
				35.45210	22.35100	85.00000	0.19649	5.3298	5.0600	*			
				36.20640	22.35100	85.00000	0.19963	5.4148	5.1211	*			
				36.96070	22.35100	85.00000	0.20277	5.5002	5.1798	*			
				37.71500	22.35100	85.00000	0.20594	5.5860	5.2360	*			
				38.46930	22.35100	85.00000	0.20911	5.6722	5.2894	*			
				39.22360	22.35100	85.00000	0.20549	5.5740	5.2478	*			
				39.97790	22.35100	85.00000	0.20030	5.4330	5.1812	*			
				40.73220	22.35100	85.00000	0.19507	5.2912	5.1105	*			
				41.48650	22.35100	85.00000	0.18981	5.1486	5.0358	*			
				42.24080	22.35100	85.00000	0.18452	5.0051	4.9572	*			
				42.99510	22.35100	85.00000	0.16243	4.8554	4.8774	*			
				43.74940	22.35100	85.00000	-0.15753	4.5917	4.8173	*			
				44.50370	22.35100	85.00000	-0.47019	4.2991	4.7233	*			
				45.25800	22.35100	85.00000	-0.76423	3.9877	4.5989	*			
				46.01230	22.35100	85.00000	-1.0300	3.6671	4.4482	*			
				46.76660	22.35100	85.00000	-1.2603	3.3459	4.2755	*			
				47.52090	22.35100	85.00000	-1.4504	3.0307	4.0855	*			
				48.27520	22.35100	85.00000	-1.5989	2.7285	3.8836	*			
				49.02950	22.35100	85.00000	-1.7410	2.5036	3.7072	*			
				49.78380	22.35100	85.00000	-1.8349	2.2842	3.5155	*			
				50.53810	22.35100	85.00000	-1.8830	2.0715	3.3131	*			
				51.29240	22.35100	85.00000	-1.8885	1.8661	3.1047	*			
				52.04670	22.35100	85.00000	-1.8550	1.6684	2.8947	*			
				52.80100	22.35100	85.00000	-1.7861	1.4781	2.6870	*			
				53.55530	22.35100	85.00000	-1.6852	1.2951	2.4849	*			
				54.30960	22.35100	85.00000	-1.5558	1.1189	2.2908	*			
				55.06390	22.35100	85.00000	-1.4008	0.94888	2.1064	*			
				55.81820	22.35100	85.00000	-1.2227	0.78463	1.9321	*			
				56.57250	22.35100	85.00000	-1.0239	0.62554	1.7672	*			
				57.32680	22.35100	85.00000	-0.80647	0.47104	1.6098	*			
				58.08110	22.35100	85.00000	-0.57195	0.32059	1.4567	*			
				58.83540	22.35100	85.00000	-0.32176	0.17365	1.3033	*			
				59.58970	22.35100	85.00000	-0.12045	0.062861	1.1435	*			
				60.34400	22.35100	85.00000	0.0	0.0	0.97972	*			
				61.09830	22.35100	85.00000	0.0	0.0	0.84376	*			
				61.85260	22.35100	85.00000	0.0	0.0	0.70817	*			
				62.60690	22.35100	85.00000	0.0	0.0	0.57288	*			
				63.36120	22.35100	85.00000	0.0	0.0	0.43786	*			
				64.11550	22.35100	85.00000	0.0	0.0	0.30306	*			
				64.86980	22.35100	85.00000	0.0	0.0	0.16845	*			
				65.62410	22.35100	85.00000	0.0	0.0	0.034003	*			
				66.37840	22.35100	85.00000	0.0	0.0	-0.0099935	*			
				67.13270	22.35100	85.00000	0.0	0.0	-0.010229	*			
				67.88700	22.35100	85.00000	0.0	0.0	-0.010371	*			
				68.64130	22.35100	85.00000	0.0	0.0	-0.010435	*			
				69.39560	22.35100	85.00000	0.0	0.0	-0.010434	*			
				70.14990	22.35100	85.00000	0.0	0.0	-0.010380	*			
				70.90420	22.35100	85.00000	0.0	0.0	-0.010283	*			
				71.65850	22.35100	85.00000	0.0	0.0	-0.010151	*			
				72.41280	22.35100	85.00000	0.0	0.0	-0.0099906	*			
				73.16710	22.35100	85.00000	0.0	0.0	-0.0098082	*			
				73.92140	22.35100	85.00000	0.0	0.0	-0.0096086	*			
				74.67570	22.35100	85.00000	0.0	0.0	-0.0093960	*			
				75.43000	22.35100	85.00000	0.0	0.0	-0.0091739	*			
				0.00000	23.07200	85.00000	0.0	0.0	-0.0089539	*			
				0.75430	23.07200	85.00000	0.0	0.0	-0.0091878	*			
				1.50860	23.07200	85.00000	0.0	0.0	-0.0094160	*			
				2.26290	23.07200	85.00000	0.0	0.0	-0.0096357	*			
				3.01720	23.07200	85.00000	0.0	0.0	-0.0098436	*			
				3.77150	23.07200	85.00000	0.0	0.0	-0.0100036	*			
				4.52580	23.07200	85.00000	0.0	0.0	-0.010207	*			
				5.28010	23.07200	85.00000	0.0	0.0	-0.010352	*			
				6.03440	23.07200	85.00000	0.0	0.0	-0.010465	*			
				6.78870	23.07200	85.00000	0.0	0.0	-0.010536	*			
				7.54300	23.07200	85.00000	0.0	0.0	-0.010556	*			
				8.29730	23.07200	85.00000	0.0	0.0	-0.010515	*			
				9.05160	23.07200	85.00000	0.0	0.0	-0.010400	*			
				9.80590	23.07200	85.00000	0.0	0.0	-0.010194	*			
				10.56020	23.07200	85.00000	0.0	0.0	-0.0101457	*			
				11.31450	23.07200	85.00000	0.0	0.0	0.13769	*			
				12.06880	23.07200	85.00000	0.0	0.0	0.27618	*			
				12.82310	23.07200	85.00000	0.0	0.0	0.41399	*			
				13.57740	23.07200	85.00000	0.0	0.0	0.55108	*			
				14.33170	23.07200	85.00000	0.0	0.0	0.68739	*			
				15.08600	23.07200	85.00000	0.0	0.0	0.82287	*			
				15.84030	23.07200	85.00000	0.0	0.0	0.95746	*			
				16.59460	23.07200	85.00000	0.073582	0.041704	1.1116	*			
				17.34890	23.07200	85.00000	0.21946	0.13199	1.2675	*			
				18.10320	23.07200	85.00000	0.42556	0.27223	1.4161	*			
				18.85750	23.07200	85.00000	0.62564	0.42623	1.5640	*			
				19.61180	23.07200	85.00000	0.81629	0.59352	1.7148	*			
				20.36610	23.07200	85.00000	0.99671	0.77545	1.8719	*			
				21.12040	23.07200	85.00000	1.1659	0.97345	2.0375	*			
				21.87470	23.07200	85.00000	1.3227	1.1890	2.2133	*			
				22.62900	23.07200	85.00000	1.4657	1.4235	2.3995	*			
				23.38330	23.07200	85.00000	1.5935	1.6785	2.5960	*			
				24.13760	23.07200	85.00000	1.70.7						



Highgate Cemetery
B2

A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				48.27520	23.07200	85.00000	-1.8813	2.8815	4.2046
				49.02950	23.07200	85.00000	-2.0346	2.6380	4.0088
				49.78380	23.07200	85.00000	-2.1322	2.4031	3.7958
				50.53810	23.07200	85.00000	-2.1781	2.1779	3.5709
				51.29240	23.07200	85.00000	-2.1770	1.9624	3.3393
				52.04670	23.07200	85.00000	-2.1335	1.7567	3.1061
				52.80100	23.07200	85.00000	-2.0523	1.5602	2.8758
				53.55530	23.07200	85.00000	-1.9378	1.3724	2.6521
				54.30960	23.07200	85.00000	-1.7938	1.1925	2.4381
				55.06390	23.07200	85.00000	-1.6238	1.0198	2.2356
				55.81820	23.07200	85.00000	-1.4308	0.85368	2.0456
				56.57250	23.07200	85.00000	-1.2173	0.69331	1.8677
				57.32680	23.07200	85.00000	-0.98548	0.53806	1.7002
				58.08110	23.07200	85.00000	-0.73710	0.38727	1.5401
				58.83540	23.07200	85.00000	-0.48531	0.25129	1.3859
				59.58970	23.07200	85.00000	-0.23009	0.11914	1.2297
				60.34400	23.07200	85.00000	-0.042114	0.021806	1.0606
				61.09830	23.07200	85.00000	0.0	0.0	0.91115
				61.85260	23.07200	85.00000	0.0	0.0	0.77533
				62.60690	23.07200	85.00000	0.0	0.0	0.63985
				63.36120	23.07200	85.00000	0.0	0.0	0.50468
				64.11550	23.07200	85.00000	0.0	0.0	0.36975
				64.86980	23.07200	85.00000	0.0	0.0	0.23497
				65.62410	23.07200	85.00000	0.0	0.0	0.099540
				66.37840	23.07200	85.00000	0.0	0.0	-0.0098504
				67.13270	23.07200	85.00000	0.0	0.0	-0.010138
				67.88700	23.07200	85.00000	0.0	0.0	-0.010322
				68.64130	23.07200	85.00000	0.0	0.0	-0.010418
				69.39560	23.07200	85.00000	0.0	0.0	-0.010443
				70.14990	23.07200	85.00000	0.0	0.0	-0.010409
				70.90420	23.07200	85.00000	0.0	0.0	-0.010327
				71.65850	23.07200	85.00000	0.0	0.0	-0.010207
				72.41280	23.07200	85.00000	0.0	0.0	-0.010055
				73.16710	23.07200	85.00000	0.0	0.0	-0.0098785
				73.92140	23.07200	85.00000	0.0	0.0	-0.0096830
				74.67570	23.07200	85.00000	0.0	0.0	-0.0094729
				75.43000	23.07200	85.00000	0.0	0.0	-0.0092521
				0.00000	23.79300	85.00000	0.0	0.0	-0.0090298
				0.75430	23.79300	85.00000	0.0	0.0	-0.0092635
				1.50860	23.79300	85.00000	0.0	0.0	-0.0094907
				2.26290	23.79300	85.00000	0.0	0.0	-0.0097083
				3.01720	23.79300	85.00000	0.0	0.0	-0.0099126
				3.77150	23.79300	85.00000	0.0	0.0	-0.010099
				4.52580	23.79300	85.00000	0.0	0.0	-0.010263
				5.28010	23.79300	85.00000	0.0	0.0	-0.010398
				6.03440	23.79300	85.00000	0.0	0.0	-0.010496
				6.78870	23.79300	85.00000	0.0	0.0	-0.010549
				7.54300	23.79300	85.00000	0.0	0.0	-0.010546
				8.29730	23.79300	85.00000	0.0	0.0	-0.010475
				9.05160	23.79300	85.00000	0.0	0.0	-0.010321
				9.80590	23.79300	85.00000	0.0	0.0	-0.010068
				10.56020	23.79300	85.00000	0.0	0.0	0.052870
				11.31450	23.79300	85.00000	0.0	0.0	0.19369
				12.06880	23.79300	85.00000	0.0	0.0	0.33399
				12.82310	23.79300	85.00000	0.0	0.0	0.47373
				13.57740	23.79300	85.00000	0.0	0.0	0.61290
				14.33170	23.79300	85.00000	0.0	0.0	0.75143
				15.08600	23.79300	85.00000	0.0	0.0	0.88929
				15.84030	23.79300	85.00000	0.0081948	0.0039901	1.0315
				16.59460	23.79300	85.00000	0.15150	0.077910	1.1975
				17.34890	23.79300	85.00000	0.35405	0.19358	1.3531
				18.10320	23.79300	85.00000	0.56986	0.33120	1.5048
				18.85750	23.79300	85.00000	0.77323	0.47878	1.6578
				19.61180	23.79300	85.00000	0.96846	0.64097	1.8170
				20.36610	23.79300	85.00000	1.1577	0.82128	1.9860
				21.12040	23.79300	85.00000	1.3360	1.0189	2.1662
				21.87470	23.79300	85.00000	1.5020	1.2356	2.3588
				22.62900	23.79300	85.00000	1.6541	1.4734	2.5642
				23.38330	23.79300	85.00000	1.7906	1.7341	2.7818
				24.13760	23.79300	85.00000	1.9096	2.0196	3.0103
				24.89190	23.79300	85.00000	2.0088	2.3317	3.2474
				25.64620	23.79300	85.00000	2.0858	2.6715	3.4904
				26.40050	23.79300	85.00000	2.1383	3.0398	3.7358
				27.15480	23.79300	85.00000	2.1641	3.4364	3.9797
				27.90910	23.79300	85.00000	2.2964	3.8940	4.2829
				28.66340	23.79300	85.00000	2.6096	4.4250	4.6973
				29.41770	23.79300	85.00000	2.7153	4.6042	4.9396
				30.17200	23.79300	85.00000	2.7171	4.6073	5.0816
				30.92630	23.79300	85.00000	2.4089	4.8363	5.2796
				31.68060	23.79300	85.00000	2.0052	5.0608	5.4437
				32.43490	23.79300	85.00000	1.5274	5.2668	5.5681
				33.18920	23.79300	85.00000	1.0335	5.6046	5.7443
				33.94350	23.79300	85.00000	0.49733	5.9171	5.8822
				34.69780	23.79300	85.00000	0.22512	6.1063	5.9778
				35.45210	23.79300	85.00000	0.22862	6.2014	6.0604
				36.20640	23.79300	85.00000	0.23214	6.2969	6.1392
				36.96070	23.79300	85.00000	0.23568	6.3927	6.2139
				37.71500	23.79300	85.00000	0.23923	6.4890	6.2841
				38.46930	23.79300	85.00000	0.24279	6.5856	6.3497
				39.22360	23.79300	85.00000	0.23926	6.4900	6.3004
				39.97790	23.79300	85.00000	0.23327	6.3275	6.2073
				40.73220	23.79300	85.00000	0.22725	6.1642	6.1080
				41.48650	23.79300	85.00000	0.22120	6.0001	6.0026
				42.24080	23.79300	85.00000	0.21512	5.8351	5.8914
				42.99510	23.79300	85.00000	0.20901	5.6693	5.7748
				43.74940	23.79300	85.00000	-0.23205	5.3055	5.6804
				44.50370	23.79300	85.00000	-0.66793	4.9052	5.5466
				45.25800	23.79300	85.00000	-1.0722	4.4882	5.3778
				46.01230	23.79300	85.00000	-1.4297	4.0699	5.1797
				46.76660	23.79300	85.00000	-1.7307	3.6623	4.9579
				47.52090	23.79300	85.00000	-1.9784	3.2880	4.7280
				48.27520	23.79300	85.00000	-2.2084	3.0144	4.5365
				49.02950	23.79300	85.00000	-2.3696	2.7519	4.3201
				49.78380	23.79300	85.00000	-2.4667	2.5020	4.0845
				50.53810	23.79300	85.00000	-2.5059	2.2649	3.8358
				51.29240	23.79300	85.00000	-2.4935	2.0404	3.5799
				52.04670	23.79300	85.00000	-2.4356	1.8278	3.3223
				52.80100	23.79300	85.00000	-2.3382	1.6262	3.0683
				53.55530	23.79300	85.00000	-2.2064	1.4347	2.8220
				54.30960	23.79300	85.00000	-2.0446	1.2523	2.5870
				55.06390	23.79300	85.00000	-1.8569	1.0780	2.3655
				55.81820	23.79300	85.00000	-1.6465	0.91082	2.1587
				56.57250	23.79300	85.00000	-1.4161	0.75001	1.9667
				57.32680	23.79300	85.00000	-1.1837	0.61289	1.7917
				58.08110	23.79300	85.00000	-0.94897	0.49136	1.6305
				58.83540	23.79300	85.00000	-0.68957	0.35705	1.4749
				59.58970	23.79300	85.00000	-0.40501	0.20971	1.3175
				60.34400	23.79300	85.00000	-0.15502	0.080267	1.1505
				61.09830	23.79300	85.00000	0.0	0.0	0.97862
				61.85260	23.79300	85.00000	0.0	0.0	0.84255
				62.60690	23.79300	85.00000	0.0	0.0	0.70687
				63.36120	23.79300	85.00000	0.0	0.0	0.57150
				64.11550	23.79300	85.00000	0.0	0.0	0.43565
				64.86980	23.79300	85.00000	0.0	0.0	0.29901
				65.62410	23.79300	85.00000	0.0	0.0	0.16164
				66.37840	23.79300	85.00000	0.0	0.0	0.023593
				67.13270	23.79300	85.00000	0.0	0.0	-0.010033
				67.88700	23.79300	85.00000	0.0	0.0	-0.010260
				68.64130	23.79300	85.00000	0.0	0.0	-0.010391
				69.39560	23.79300	85.00000	0.0	0.0	-0.010443



Highgate Cemetery
B2

A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				70.14990	23.79300	85.00000	0.0	0.0	-0.010430
				70.90420	23.79300	85.00000	0.0	0.0	-0.010364
				71.65850	23.79300	85.00000	0.0	0.0	-0.010256
				72.41280	23.79300	85.00000	0.0	0.0	-0.010113
				73.16710	23.79300	85.00000	0.0	0.0	-0.0099433
				73.92140	23.79300	85.00000	0.0	0.0	-0.0097523
				74.67570	23.79300	85.00000	0.0	0.0	-0.0095451
				75.43000	23.79300	85.00000	0.0	0.0	-0.0093259
				0.00000	24.51400	85.00000	0.0	0.0	-0.0091014
				0.75430	24.51400	85.00000	0.0	0.0	-0.0093348
				1.50860	24.51400	85.00000	0.0	0.0	-0.0095607
				2.26290	24.51400	85.00000	0.0	0.0	-0.0097758
				3.01720	24.51400	85.00000	0.0	0.0	-0.0099761
				3.77150	24.51400	85.00000	0.0	0.0	-0.010157
				4.52580	24.51400	85.00000	0.0	0.0	-0.010312
				5.28010	24.51400	85.00000	0.0	0.0	-0.010436
				6.03440	24.51400	85.00000	0.0	0.0	-0.010520
				6.78870	24.51400	85.00000	0.0	0.0	-0.010553
				7.54300	24.51400	85.00000	0.0	0.0	-0.010526
				8.29730	24.51400	85.00000	0.0	0.0	-0.010423
				9.05160	24.51400	85.00000	0.0	0.0	-0.010230
				9.80590	24.51400	85.00000	0.0	0.0	-0.0099259
				10.56020	24.51400	85.00000	0.0	0.0	0.10336
				11.31450	24.51400	85.00000	0.0	0.0	0.24581
				12.06880	24.51400	85.00000	0.0	0.0	0.38785
				12.82310	24.51400	85.00000	0.0	0.0	0.52946
				13.57740	24.51400	85.00000	0.0	0.0	0.67062
				14.33170	24.51400	85.00000	0.0	0.0	0.81130
				15.08600	24.51400	85.00000	0.0	0.0	0.95148
				15.84030	24.51400	85.00000	0.080120	0.035192	1.1122
				16.59460	24.51400	85.00000	0.225154	0.111691	1.2763
				17.34890	24.51400	85.00000	0.48917	0.24160	1.4333
				18.10320	24.51400	85.00000	0.71578	0.37544	1.5897
				18.85750	24.51400	85.00000	0.93046	0.51962	1.7506
				19.61180	24.51400	85.00000	1.1320	0.67548	1.9195
				20.36610	24.51400	85.00000	1.3194	0.84467	2.0991
				21.12040	24.51400	85.00000	1.5079	1.0397	2.2945
				21.87470	24.51400	85.00000	1.6844	1.2553	2.5048
				22.62900	24.51400	85.00000	1.8471	1.4938	2.7299
				23.38330	24.51400	85.00000	1.9942	1.7576	2.9691
				24.13760	24.51400	85.00000	2.1231	2.0494	3.2209
				24.89190	24.51400	85.00000	2.2314	2.3716	3.4827
				25.64620	24.51400	85.00000	2.3161	2.7265	3.7517
				26.40050	24.51400	85.00000	2.3743	3.1160	4.0242
				27.15480	24.51400	85.00000	2.4027	3.5408	4.2958
				27.90910	24.51400	85.00000	2.3988	4.0003	4.5620
				28.66340	24.51400	85.00000	2.6785	4.5418	4.9853
				29.41770	24.51400	85.00000	2.9757	5.0457	5.4253
				30.17200	24.51400	85.00000	2.9749	5.0443	5.5679
				30.92630	24.51400	85.00000	2.8217	5.1385	5.7279
				31.68060	24.51400	85.00000	2.3660	5.3891	5.9074
				32.43490	24.51400	85.00000	1.8145	5.6177	6.0397
				33.18920	24.51400	85.00000	1.2227	5.9605	6.2130
				33.94350	24.51400	85.00000	0.58862	6.3256	6.3749
				34.69780	24.51400	85.00000	0.24150	6.5506	6.4879
				35.45210	24.51400	85.00000	0.24520	6.6510	6.5814
				36.20640	24.51400	85.00000	0.24891	6.7517	6.6698
				36.96070	24.51400	85.00000	0.25264	6.8528	6.7527
				37.71500	24.51400	85.00000	0.25638	6.9543	6.8298
				38.46930	24.51400	85.00000	0.26014	7.0562	6.9010
				39.22360	24.51400	85.00000	0.25672	6.9636	6.8495
				39.97790	24.51400	85.00000	0.25034	6.7905	6.7429
				40.73220	24.51400	85.00000	0.24392	6.6164	6.6287
				41.48650	24.51400	85.00000	0.23748	6.4416	6.5069
				42.24080	24.51400	85.00000	0.23100	6.2659	6.3777
				42.99510	24.51400	85.00000	0.22449	6.0894	6.2417
				43.74940	24.51400	85.00000	-0.28386	5.6651	6.1231
				44.50370	24.51400	85.00000	-0.80243	5.1927	5.9640
				45.25800	24.51400	85.00000	-1.2782	4.7071	5.7684
				46.01230	24.51400	85.00000	-1.6920	4.2278	5.5429
				46.76660	24.51400	85.00000	-2.0330	3.7694	5.2939
				47.52090	24.51400	85.00000	-2.3430	3.4199	5.0871
				48.27520	24.51400	85.00000	-2.5880	3.1223	4.8763
				49.02950	24.51400	85.00000	-2.7518	2.8412	4.6379
				49.78380	24.51400	85.00000	-2.8426	2.5772	4.3786
				50.53810	24.51400	85.00000	-2.8689	2.3298	4.1049
				51.29240	24.51400	85.00000	-2.8394	2.0978	3.8235
				52.04670	24.51400	85.00000	-2.7620	1.8800	3.5407
				52.80100	24.51400	85.00000	-2.6436	1.6749	3.2620
				53.55530	24.51400	85.00000	-2.4903	1.4812	2.9924
				54.30960	24.51400	85.00000	-2.3073	1.2975	2.7357
				55.06390	24.51400	85.00000	-2.0989	1.1227	2.4945
				55.81820	24.51400	85.00000	-1.8819	0.97444	2.2753
				56.57250	24.51400	85.00000	-1.6766	0.86810	2.0816
				57.32680	24.51400	85.00000	-1.4477	0.74959	1.8995
				58.08110	24.51400	85.00000	-1.1948	0.61867	1.7285
				58.83540	24.51400	85.00000	-0.90648	0.46936	1.5643
				59.58970	24.51400	85.00000	-0.56494	0.29252	1.3984
				60.34400	24.51400	85.00000	-0.24980	0.12935	1.2327
				61.09830	24.51400	85.00000	-0.039777	0.020596	1.0588
				61.85260	24.51400	85.00000	0.0	0.0	0.9082
				62.60690	24.51400	85.00000	0.0	0.0	0.77325
				63.36120	24.51400	85.00000	0.0	0.0	0.63594
				64.11550	24.51400	85.00000	0.0	0.0	0.49795
				64.86980	24.51400	85.00000	0.0	0.0	0.35930
				65.62410	24.51400	85.00000	0.0	0.0	0.22005
				66.37840	24.51400	85.00000	0.0	0.0	0.080218
				67.13270	24.51400	85.00000	0.0	0.0	-0.0099147
				67.88700	24.51400	85.00000	0.0	0.0	-0.010187
				68.64130	24.51400	85.00000	0.0	0.0	-0.010354
				69.39560	24.51400	85.00000	0.0	0.0	-0.010434
				70.14990	24.51400	85.00000	0.0	0.0	-0.010443
				70.90420	24.51400	85.00000	0.0	0.0	-0.010394
				71.65850	24.51400	85.00000	0.0	0.0	-0.010299
				72.41280	24.51400	85.00000	0.0	0.0	-0.010166
				73.16710	24.51400	85.00000	0.0	0.0	-0.010003
				73.92140	24.51400	85.00000	0.0	0.0	-0.0098165
				74.67570	24.51400	85.00000	0.0	0.0	-0.0096126
				75.43000	24.51400	85.00000	0.0	0.0	-0.0093952
				0.00000	25.23500	85.00000	0.0	0.0	-0.0091687
				0.75430	25.23500	85.00000	0.0	0.0	-0.0094015
				1.50860	25.23500	85.00000	0.0	0.0	-0.0096259
				2.26290	25.23500	85.00000	0.0	0.0	-0.0098382
				3.01720	25.23500	85.00000	0.0	0.0	-0.010034
				3.77150	25.23500	85.00000	0.0	0.0	-0.010209
				4.52580	25.23500	85.00000	0.0	0.0	-0.010356
				5.28010	25.23500	85.00000	0.0	0.0	-0.010468
				6.03440	25.23500	85.00000	0.0	0.0	-0.010536
				6.78870	25.23500	85.00000	0.0	0.0	-0.010549
				7.54300	25.23500	85.00000	0.0	0.0	-0.010496
				8.29730	25.23500	85.00000	0.0	0.0	-0.010361
				9.05160	25.23500	85.00000	0.0	0.0	-0.010126
				9.80590	25.23500	85.00000	0.0	0.0	0.0056534
				10.56020	25.23500	85.00000	0.0	0.0	0.14993
				11.31450	25.23500	85.00000	0.0	0.0	0.29392
				12.06880	25.23500	85.00000	0.0	0.0	0.43762
				12.82310	25.23500	85.00000	0.0	0.0	0.58100
				13.57740	25.23500	85.00000	0.0	0.0	0.72407
				14.33170	25.23500	85.00000	0.0	0.0	0.86682
				15.08600	25.23500	85.00000	0.0	0.0	1.0092

 A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B2 Job No. 3500 Sheet No. Rev.									
Drg. Ref.									
Made by PES					Date 01-Nov-2024		Checked		Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.84030	25.23500	85.00000	0.15160	0.059611	1.1848
				16.59460	25.23500	85.00000	0.37521	0.15666	1.3486
				17.34890	25.23500	85.00000	0.62402	0.27617	1.5085
				18.10320	25.23500	85.00000	0.86250	0.40496	1.6710
				18.85750	25.23500	85.00000	1.0897	0.54430	1.8408
				19.61180	25.23500	85.00000	1.3045	0.69563	2.0216
				20.36610	25.23500	85.00000	1.5053	0.86061	2.2155
				21.12040	25.23500	85.00000	1.6903	1.0411	2.4235
				21.87470	25.23500	85.00000	1.8694	1.2468	2.6490
				22.62900	25.23500	85.00000	2.0444	1.4829	2.8938
				23.38330	25.23500	85.00000	2.2038	1.7466	3.1546
				24.13760	25.23500	85.00000	2.3450	2.0411	3.4295
				24.89190	25.23500	85.00000	2.4648	2.3700	3.7161
				25.64620	25.23500	85.00000	2.5597	2.7368	4.0110
				26.40050	25.23500	85.00000	2.6260	3.1447	4.3106
				27.15480	25.23500	85.00000	2.6596	3.5960	4.6103
				27.90910	25.23500	85.00000	2.6565	4.0919	4.9053
				28.66340	25.23500	85.00000	2.7355	4.6385	5.2541
				29.41770	25.23500	85.00000	3.0878	5.2358	5.7681
				30.17200	25.23500	85.00000	3.2441	5.5008	6.0816
				30.92630	25.23500	85.00000	3.2335	5.4828	6.2042
				31.68060	25.23500	85.00000	2.8024	5.7077	6.3811
				32.43490	25.23500	85.00000	2.1691	5.9677	6.5240
				33.18920	25.23500	85.00000	1.4571	6.3041	6.6809
				33.94350	25.23500	85.00000	0.70238	6.7339	6.8706
				34.69780	25.23500	85.00000	0.25825	7.0049	7.0044
				35.45210	25.23500	85.00000	0.26214	7.1105	7.1097
				36.20640	25.23500	85.00000	0.26605	7.2165	7.2081
				36.96070	25.23500	85.00000	0.26997	7.3230	7.2995
				37.71500	25.23500	85.00000	0.27391	7.4298	7.3833
				38.46930	25.23500	85.00000	0.27786	7.5370	7.4594
				39.22360	25.23500	85.00000	0.27460	7.4486	7.4071
				39.97790	25.23500	85.00000	0.26782	7.2647	7.2875
				40.73220	25.23500	85.00000	0.26101	7.0800	7.1586
				41.48650	25.23500	85.00000	0.25417	6.8945	7.0200
				42.24080	25.23500	85.00000	0.24730	6.7081	6.8720
				42.99510	25.23500	85.00000	0.24040	6.5208	6.7150
				43.74940	25.23500	85.00000	-0.35036	6.0234	6.5673
				44.50370	25.23500	85.00000	-0.97229	5.4610	6.3782
				45.25800	25.23500	85.00000	-1.5344	4.8922	6.1519
				46.01230	25.23500	85.00000	-2.0126	4.3423	5.8962
				46.76660	25.23500	85.00000	-2.4162	3.8642	5.6475
				47.52090	25.23500	85.00000	-2.7753	3.5205	5.4524
				48.27520	25.23500	85.00000	-3.0288	3.1992	5.2206
				49.02950	25.23500	85.00000	-3.1874	2.9010	4.9589
				49.78380	25.23500	85.00000	-3.2634	2.6250	4.6744
				50.53810	25.23500	85.00000	-3.2691	2.3695	4.3746
				51.29240	25.23500	85.00000	-3.2155	2.1324	4.0668
				52.04670	25.23500	85.00000	-3.1122	1.9115	3.7580
				52.80100	25.23500	85.00000	-2.9676	1.7049	3.4542
				53.55530	25.23500	85.00000	-2.7885	1.5108	3.1609
				54.30960	25.23500	85.00000	-2.5874	1.3397	2.8864
				55.06390	25.23500	85.00000	-2.4084	1.2471	2.6521
				55.81820	25.23500	85.00000	-2.2071	1.1428	2.4272
				56.57250	25.23500	85.00000	-1.9831	1.0268	2.2148
				57.32680	25.23500	85.00000	-1.7331	0.89736	2.0165
				58.08110	25.23500	85.00000	-1.3711	0.70993	1.8194
				58.83540	25.23500	85.00000	-1.0238	0.53012	1.6408
				59.58970	25.23500	85.00000	-0.69080	0.35769	1.4736
				60.34400	25.23500	85.00000	-0.37157	0.19239	1.3105
				61.09830	25.23500	85.00000	-0.13468	0.067145	1.1440
				61.85260	25.23500	85.00000	0.0	0.0	0.97484
				62.60690	25.23500	85.00000	0.0	0.0	0.83586
				63.36120	25.23500	85.00000	0.0	0.0	0.69633
				64.11550	25.23500	85.00000	0.0	0.0	0.55626
				64.86980	25.23500	85.00000	0.0	0.0	0.41568
				65.62410	25.23500	85.00000	0.0	0.0	0.27461
				66.37840	25.23500	85.00000	0.0	0.0	0.13308
				67.13270	25.23500	85.00000	0.0	0.0	-0.0088783
				67.88700	25.23500	85.00000	0.0	0.0	-0.010104
				68.64130	25.23500	85.00000	0.0	0.0	-0.010308
				69.39560	25.23500	85.00000	0.0	0.0	-0.010417
				70.14990	25.23500	85.00000	0.0	0.0	-0.010449
				70.90420	25.23500	85.00000	0.0	0.0	-0.010418
				71.65850	25.23500	85.00000	0.0	0.0	-0.010335
				72.41280	25.23500	85.00000	0.0	0.0	-0.010212
				73.16710	25.23500	85.00000	0.0	0.0	-0.010057
				73.92140	25.23500	85.00000	0.0	0.0	-0.0098758
				74.67570	25.23500	85.00000	0.0	0.0	-0.0096753
				75.43000	25.23500	85.00000	0.0	0.0	-0.0094600
				0.00000	25.95600	85.00000	0.0	0.0	-0.0092317
				0.75430	25.95600	85.00000	0.0	0.0	-0.0094637
				1.50860	25.95600	85.00000	0.0	0.0	-0.0096862
				2.26290	25.95600	85.00000	0.0	0.0	-0.0098955
				3.01720	25.95600	85.00000	0.0	0.0	-0.010087
				3.77150	25.95600	85.00000	0.0	0.0	-0.010255
				4.52580	25.95600	85.00000	0.0	0.0	-0.010393
				5.28010	25.95600	85.00000	0.0	0.0	-0.010493
				6.03440	25.95600	85.00000	0.0	0.0	-0.010545
				6.78870	25.95600	85.00000	0.0	0.0	-0.010538
				7.54300	25.95600	85.00000	0.0	0.0	-0.010459
				8.29730	25.95600	85.00000	0.0	0.0	-0.010290
				9.05160	25.95600	85.00000	0.0	0.0	-0.010012
				9.80590	25.95600	85.00000	0.0	0.0	0.046832
				10.56020	25.95600	85.00000	0.0	0.0	0.19246
				11.31450	25.95600	85.00000	0.0	0.0	0.33790
				12.06880	25.95600	85.00000	0.0	0.0	0.48314
				12.82310	25.95600	85.00000	0.0	0.0	0.62820
				13.57740	25.95600	85.00000	0.0	0.0	0.77307
				14.33170	25.95600	85.00000	0.0	0.0	0.91778
				15.08600	25.95600	85.00000	0.051698	0.01719	1.0769
				15.84030	25.95600	85.00000	0.22713	0.079326	1.2502
				16.59460	25.95600	85.00000	0.49681	0.18443	1.4150
				17.34890	25.95600	85.00000	0.75767	0.29759	1.5790
				18.10320	25.95600	85.00000	1.0090	0.41996	1.7484
				18.85750	25.95600	85.00000	1.2500	0.55288	1.9281
				19.61180	25.95600	85.00000	1.4793	0.69790	2.1215
				20.36610	25.95600	85.00000	1.6955	0.85680	2.3306
				21.12040	25.95600	85.00000	1.8968	1.0316	2.5560
				21.87470	25.95600	85.00000	2.0807	1.2246	2.7973
				22.62900	25.95600	85.00000	2.2453	1.4391	3.0530
				23.38330	25.95600	85.00000	2.4192	1.6986	3.3347
				24.13760	25.95600	85.00000	2.5749	1.9915	3.6321
				24.89190	25.95600	85.00000	2.7090	2.3225	3.9427
				25.64620	25.95600	85.00000	2.8173	2.6965	4.2629
				26.40050	25.95600	85.00000	2.8950	3.1184	4.5891
				27.15480	25.95600	85.00000	2.9369	3.5928	4.9166
				27.90910	25.95600	85.00000	2.9377	4.1232	5.2405
				28.66340	25.95600	85.00000	2.8922	4.7107	5.5557
				29.41770	25.95600	85.00000	3.1440	5.3312	6.0408
				30.17200	25.95600	85.00000	3.5249	5.9770	6.6177
				30.92630	25.95600	85.00000	3.5121	5.9553	6.7375
				31.68060	25.95600	85.00000	3.3369	6.0111	6.8617
				32.43490	25.95600	85.00000	2.6128	6.3082	7.0160
				33.18920	25.95600	85.00000	1.7538	6.6275	7.1425
				33.94350	25.95600	85.00000	0.74777	7.1386	7.3643
				34.69780	25.95600	85.00000	0.2753		



Highgate Cemetery
B2

A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				37.71500	25.95600	85.00000	0.29183	7.9160	7.9410
				38.46930	25.95600	85.00000	0.29598	8.0285	8.0214
				39.22360	25.95600	85.00000	0.29292	7.9455	7.9698
				39.97790	25.95600	85.00000	0.28575	7.7509	7.8384
				40.73220	25.95600	85.00000	0.27855	7.5556	7.6954
				41.48650	25.95600	85.00000	0.27131	7.3594	7.5403
				42.24080	25.95600	85.00000	0.26405	7.1623	7.3725
				42.99510	25.95600	85.00000	0.25675	6.9644	7.1928
				43.74940	25.95600	85.00000	-0.43799	6.3758	7.0098
				44.50370	25.95600	85.00000	-1.1921	5.6986	6.7844
				45.25800	25.95600	85.00000	-1.8595	5.0279	6.5226
				46.01230	25.95600	85.00000	-2.4098	4.3965	6.2334
				46.76660	25.95600	85.00000	-2.9105	3.9561	6.0356
				47.52090	25.95600	85.00000	-3.2892	3.5808	5.8207
				48.27520	25.95600	85.00000	-3.5404	3.2379	5.5660
				49.02950	25.95600	85.00000	-3.6821	2.9257	5.2791
				49.78380	25.95600	85.00000	-3.7324	2.6412	4.9680
				50.53810	25.95600	85.00000	-3.7075	2.3811	4.6410
				51.29240	25.95600	85.00000	-3.6213	2.1420	4.3061
				52.04670	25.95600	85.00000	-3.4852	1.9209	3.9708
				52.80100	25.95600	85.00000	-3.3085	1.7154	3.6417
				53.55530	25.95600	85.00000	-3.1519	1.6320	3.3726
				54.30960	25.95600	85.00000	-2.9753	1.5406	3.1058
				55.06390	25.95600	85.00000	-2.7770	1.4379	2.8455
				55.81820	25.95600	85.00000	-2.5566	1.3238	2.5966
				56.57250	25.95600	85.00000	-2.1920	1.1350	2.3380
				57.32680	25.95600	85.00000	-1.8225	0.94369	2.1066
				58.08110	25.95600	85.00000	-1.4685	0.76036	1.9019
				58.83540	25.95600	85.00000	-1.1294	0.58479	1.7178
				59.58970	25.95600	85.00000	-0.81997	0.40990	1.5495
				60.34400	25.95600	85.00000	-0.51462	0.24610	1.3866
				61.09830	25.95600	85.00000	-0.22459	0.10303	1.2210
				61.85260	25.95600	85.00000	-0.023244	0.010232	1.0442
				62.60690	25.95600	85.00000	0.0	0.0	0.89416
				63.36120	25.95600	85.00000	0.0	0.0	0.75248
				64.11550	25.95600	85.00000	0.0	0.0	0.61041
				64.86980	25.95600	85.00000	0.0	0.0	0.46798
				65.62410	25.95600	85.00000	0.0	0.0	0.32519
				66.37840	25.95600	85.00000	0.0	0.0	0.18205
				67.13270	25.95600	85.00000	0.0	0.0	0.038574
				67.88700	25.95600	85.00000	0.0	0.0	-0.010014
				68.64130	25.95600	85.00000	0.0	0.0	-0.010255
				69.39560	25.95600	85.00000	0.0	0.0	-0.010394
				70.14990	25.95600	85.00000	0.0	0.0	-0.010449
				70.90420	25.95600	85.00000	0.0	0.0	-0.010435
				71.65850	25.95600	85.00000	0.0	0.0	-0.010367
				72.41280	25.95600	85.00000	0.0	0.0	-0.010254
				73.16710	25.95600	85.00000	0.0	0.0	-0.010106
				73.92140	25.95600	85.00000	0.0	0.0	-0.0099303
				74.67570	25.95600	85.00000	0.0	0.0	-0.0097333
				75.43000	25.95600	85.00000	0.0	0.0	-0.0095203
				0.00000	26.67700	85.00000	0.0	0.0	-0.0092902
				0.75430	26.67700	85.00000	0.0	0.0	-0.0095213
				1.50860	26.67700	85.00000	0.0	0.0	-0.0097419
				2.26290	26.67700	85.00000	0.0	0.0	-0.0099480
				3.01720	26.67700	85.00000	0.0	0.0	-0.010135
				3.77150	26.67700	85.00000	0.0	0.0	-0.010296
				4.52580	26.67700	85.00000	0.0	0.0	-0.010425
				5.28010	26.67700	85.00000	0.0	0.0	-0.010512
				6.03440	26.67700	85.00000	0.0	0.0	-0.010548
				6.78870	26.67700	85.00000	0.0	0.0	-0.010520
				7.54300	26.67700	85.00000	0.0	0.0	-0.010414
				8.29730	26.67700	85.00000	0.0	0.0	-0.010211
				9.05160	26.67700	85.00000	0.0	0.0	-0.0098895
				9.80590	26.67700	85.00000	0.0	0.0	0.083957
				10.56020	26.67700	85.00000	0.0	0.0	0.23083
				11.31450	26.67700	85.00000	0.0	0.0	0.37760
				12.06880	26.67700	85.00000	0.0	0.0	0.52428
				12.82310	26.67700	85.00000	0.0	0.0	0.67090
				13.57740	26.67700	85.00000	0.0	0.0	0.81746
				14.33170	26.67700	85.00000	0.0	0.0	0.96400
				15.08600	26.67700	85.00000	0.11286	0.032961	1.1365
				15.84030	26.67700	85.00000	0.33373	0.10292	1.3089
				16.59460	26.67700	85.00000	0.61531	0.20072	1.4757
				17.34890	26.67700	85.00000	0.88900	0.30629	1.6445
				18.10320	26.67700	85.00000	1.1542	0.42083	1.8216
				18.85750	26.67700	85.00000	1.4100	0.54569	2.0116
				19.61180	26.67700	85.00000	1.6553	0.68248	2.2180
				20.36610	26.67700	85.00000	1.8886	0.83305	2.4425
				21.12040	26.67700	85.00000	2.1081	0.99959	2.6858
				21.87470	26.67700	85.00000	2.3113	1.1846	2.9470
				22.62900	26.67700	85.00000	2.4953	1.3912	3.2241
				23.38330	26.67700	85.00000	2.6564	1.6228	3.5140
				24.13760	26.67700	85.00000	2.8123	1.8978	3.8244
				24.89190	26.67700	85.00000	2.9639	2.2248	4.1576
				25.64620	26.67700	85.00000	3.0892	2.5994	4.5019
				26.40050	26.67700	85.00000	3.1825	3.0287	4.8534
				27.15480	26.67700	85.00000	3.2373	3.5201	5.2077
				27.90910	26.67700	85.00000	3.2461	4.0804	5.5601
				28.66340	26.67700	85.00000	3.2037	4.7146	5.9056
				29.41770	26.67700	85.00000	3.1889	5.4073	6.2847
				30.17200	26.67700	85.00000	3.5813	6.0726	6.8869
				30.92630	26.67700	85.00000	3.8027	6.4480	7.2869
				31.68060	26.67700	85.00000	3.7806	6.4106	7.3822
				32.43490	26.67700	85.00000	3.1780	6.6316	7.5156
				33.18920	26.67700	85.00000	2.1487	6.9483	7.6147
				33.94350	26.67700	85.00000	1.0396	7.5332	7.8538
				34.69780	26.67700	85.00000	0.29295	7.9462	8.0447
				35.45210	26.67700	85.00000	0.29723	8.0625	8.1773
				36.20640	26.67700	85.00000	0.30153	8.1791	8.2980
				36.96070	26.67700	85.00000	0.30585	8.2962	8.4067
				37.71500	26.67700	85.00000	0.31018	8.4137	8.5028
				38.46930	26.67700	85.00000	0.31453	8.5315	8.5863
				39.22360	26.67700	85.00000	0.31170	8.4550	8.5371
				39.97790	26.67700	85.00000	0.30414	8.2498	8.3962
				40.73220	26.67700	85.00000	0.29655	8.0498	8.2411
				41.48650	26.67700	85.00000	0.28892	7.8370	8.0700
				42.24080	26.67700	85.00000	0.28126	7.6293	7.8818
				42.99510	26.67700	85.00000	0.27358	7.4208	7.6768
				43.74940	26.67700	85.00000	-0.55750	6.7144	7.4504
				44.50370	26.67700	85.00000	-1.4952	5.8964	7.1900
				45.25800	26.67700	85.00000	-2.2812	5.0899	6.8760
				46.01230	26.67700	85.00000	-2.9550	4.4454	6.6159
				46.76660	26.67700	85.00000	-3.5174	3.9941	6.4273
				47.52090	26.67700	85.00000	-3.9005	3.5901	6.1891
				48.27520	26.67700	85.00000	-4.1321	3.2305	5.9087
				49.02950	26.67700	85.00000	-4.2405	2.9097	5.5944
				49.78380	26.67700	85.00000	-4.2507	2.6220	5.2551
				50.53810	26.67700	85.00000	-4.1834	2.3619	4.8999
				51.29240	26.67700	85.00000	-4.0549	2.1249	4.5373
				52.04670	26.67700	85.00000	-3.9143	1.9268	4.2390
				52.80100	26.67700	85.00000	-3.7594	1.9466	3.9451
				53.55530	26.67700	85.00000	-3.5840	1.8558	3.6468
				54.30960	26.67700	85.00000	-3.3877	1.7541	3.3503
				55.06390	26.67700	85.00000	-3.0351	1.5715	3.0213
				55.81820	26.67700	85.00000	-2.6405	1.3672	2.7116
				56.57250	26.67700	85.00000	-2.2624	1.1715	2.4385
				57.32680	26.67700	85.00000	-1.9005	0.98408	2.1982
				58.08110	26.67700	85.00000	-1.5769	0.79142	1.9884
				58.83540	26.67700	85.00000	-1.2693	0.60618	1.7994



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				59.58970	26.67700	85.00000	-0.95970	0.43703	1.6240
				60.34400	26.67700	85.00000	-0.64813	0.28203	1.4565
				61.09830	26.67700	85.00000	-0.33444	0.13946	1.2900
				61.85260	26.67700	85.00000	-0.10311	0.041252	1.1161
				62.60690	26.67700	85.00000	0.0	0.0	0.94792
				63.36120	26.67700	85.00000	0.0	0.0	0.80420
				64.11550	26.67700	85.00000	0.0	0.0	0.66025
				64.86980	26.67700	85.00000	0.0	0.0	0.51606
				65.62410	26.67700	85.00000	0.0	0.0	0.37164
				66.37840	26.67700	85.00000	0.0	0.0	0.22699
				67.13270	26.67700	85.00000	0.0	0.0	0.082091
				67.88700	26.67700	85.00000	0.0	0.0	-0.0099173
				68.64130	26.67700	85.00000	0.0	0.0	-0.010197
				69.39560	26.67700	85.00000	0.0	0.0	-0.010365
				70.14990	26.67700	85.00000	0.0	0.0	-0.010443
				70.90420	26.67700	85.00000	0.0	0.0	-0.010448
				71.65850	26.67700	85.00000	0.0	0.0	-0.010393
				72.41280	26.67700	85.00000	0.0	0.0	-0.010290
				73.16710	26.67700	85.00000	0.0	0.0	-0.010150
				73.92140	26.67700	85.00000	0.0	0.0	-0.009799
				74.67570	26.67700	85.00000	0.0	0.0	-0.0097868
				75.43000	26.67700	85.00000	0.0	0.0	-0.0095761
				0.00000	27.39800	85.00000	0.0	0.0	-0.0093444
				0.75430	27.39800	85.00000	0.0	0.0	-0.0095743
				1.50860	27.39800	85.00000	0.0	0.0	-0.0097928
				2.26290	27.39800	85.00000	0.0	0.0	-0.0099955
				3.01720	27.39800	85.00000	0.0	0.0	-0.010177
				3.77150	27.39800	85.00000	0.0	0.0	-0.010332
				4.52580	27.39800	85.00000	0.0	0.0	-0.010451
				5.28010	27.39800	85.00000	0.0	0.0	-0.010526
				6.03440	27.39800	85.00000	0.0	0.0	-0.010546
				6.78870	27.39800	85.00000	0.0	0.0	-0.010497
				7.54300	27.39800	85.00000	0.0	0.0	-0.010363
				8.29730	27.39800	85.00000	0.0	0.0	-0.010126
				9.05160	27.39800	85.00000	0.0	0.0	-0.0097605
				9.80590	27.39800	85.00000	0.0	0.0	-0.11693
				10.56020	27.39800	85.00000	0.0	0.0	0.26493
				11.31450	27.39800	85.00000	0.0	0.0	0.41292
				12.06880	27.39800	85.00000	0.0	0.0	0.56092
				12.82310	27.39800	85.00000	0.0	0.0	0.70895
				13.57740	27.39800	85.00000	0.0	0.0	0.85706
				14.33170	27.39800	85.00000	0.0	0.0	1.0053
				15.08600	27.39800	85.00000	0.17125	0.043386	1.1887
				15.84030	27.39800	85.00000	0.43548	0.11672	1.3612
				16.59460	27.39800	85.00000	0.72952	0.20616	1.5307
				17.34890	27.39800	85.00000	1.0167	0.30293	1.7048
				18.10320	27.39800	85.00000	1.2965	0.40819	1.8898
				18.85750	27.39800	85.00000	1.5683	0.52330	2.0904
				19.61180	27.39800	85.00000	1.8308	0.64985	2.3098
				20.36610	27.39800	85.00000	2.0828	0.78975	2.5497
				21.12040	27.39800	85.00000	2.3225	0.94523	2.8107
				21.87470	27.39800	85.00000	2.5475	1.1190	3.0916
				22.62900	27.39800	85.00000	2.7547	1.3143	3.3905
				23.38330	27.39800	85.00000	2.9404	1.5349	3.7038
				24.13760	27.39800	85.00000	3.0997	1.7856	4.0270
				24.89190	27.39800	85.00000	3.2285	2.0731	4.3560
				25.64620	27.39800	85.00000	3.3752	2.4399	4.7223
				26.40050	27.39800	85.00000	3.4893	2.8674	5.0973
				27.15480	27.39800	85.00000	3.5627	3.3661	5.4768
				27.90910	27.39800	85.00000	3.5859	3.9475	5.8564
				28.66340	27.39800	85.00000	3.5481	4.6225	6.2316
				29.41770	27.39800	85.00000	3.4388	5.3985	6.5980
				30.17200	27.39800	85.00000	3.6263	6.1490	7.1248
				30.92630	27.39800	85.00000	4.0481	6.8641	7.7759
				31.68060	27.39800	85.00000	4.0815	6.9208	7.9428
				32.43490	27.39800	85.00000	3.9179	6.9266	8.0276
				33.18920	27.39800	85.00000	2.7024	7.3025	8.1364
				33.94350	27.39800	85.00000	1.3033	7.9065	8.3431
				34.69780	27.39800	85.00000	0.31095	8.4345	8.5735
				35.45210	27.39800	85.00000	0.31543	8.5561	8.7221
				36.20640	27.39800	85.00000	0.31993	8.6792	8.8557
				36.96070	27.39800	85.00000	0.32445	8.8006	8.9745
				37.71500	27.39800	85.00000	0.32897	8.9234	9.0763
				38.46930	27.39800	85.00000	0.33352	9.0467	9.1610
				39.22360	27.39800	85.00000	0.33098	8.9778	9.1156
				39.97790	27.39800	85.00000	0.32302	8.7620	8.9693
				40.73220	27.39800	85.00000	0.31504	8.5454	8.8066
				41.48650	27.39800	85.00000	0.30702	8.3279	8.6212
				42.24080	27.39800	85.00000	0.29897	8.1096	8.4111
				42.99510	27.39800	85.00000	0.29089	7.8905	8.1772
				43.74940	27.39800	85.00000	-0.72830	7.0244	7.8958
				44.50370	27.39800	85.00000	-1.8915	5.9916	7.5672
				45.25800	27.39800	85.00000	-2.8431	5.0403	7.2102
				46.01230	27.39800	85.00000	-3.6819	4.4531	7.0364
				46.76660	27.39800	85.00000	-4.2648	3.9606	6.8215
				47.52090	27.39800	85.00000	-4.6252	3.5360	6.5550
				48.27520	27.39800	85.00000	-4.8114	3.1687	6.2449
				49.02950	27.39800	85.00000	-4.8646	2.8477	5.9004
				49.78380	27.39800	85.00000	-4.8171	2.5639	5.5311
				50.53810	27.39800	85.00000	-4.7031	2.4352	5.2186
				51.29240	27.39800	85.00000	-4.5669	2.3647	4.9212
				52.04670	27.39800	85.00000	-4.4114	2.2842	4.6064
				52.80100	27.39800	85.00000	-4.2362	2.1935	4.2804
				53.55530	27.39800	85.00000	-3.9077	2.0233	3.8944
				54.30960	27.39800	85.00000	-3.4849	1.8044	3.4966
				55.06390	27.39800	85.00000	-3.0800	1.5948	3.1393
				55.81820	27.39800	85.00000	-2.6924	1.3941	2.8210
				56.57250	27.39800	85.00000	-2.3464	1.1835	2.5437
				57.32680	27.39800	85.00000	-2.0338	0.97016	2.2991
				58.08110	27.39800	85.00000	-1.7197	0.77776	2.0779
				58.83540	27.39800	85.00000	-1.4046	0.60361	1.8773
				59.58970	27.39800	85.00000	-1.0882	0.44535	1.6934
				60.34400	27.39800	85.00000	-0.77058	0.30098	1.5205
				61.09830	27.39800	85.00000	-0.45147	0.16873	1.3518
				61.85260	27.39800	85.00000	-0.17560	0.062982	1.1792
				62.60690	27.39800	85.00000	0.0	0.0	0.99696
				63.36120	27.39800	85.00000	0.0	0.0	0.85131
				64.11550	27.39800	85.00000	0.0	0.0	0.70559
				64.86980	27.39800	85.00000	0.0	0.0	0.55977
				65.62410	27.39800	85.00000	0.0	0.0	0.41384
				66.37840	27.39800	85.00000	0.0	0.0	0.26777
				67.13270	27.39800	85.00000	0.0	0.0	0.12156
				67.88700	27.39800	85.00000	0.0	0.0	-0.0098165
				68.64130	27.39800	85.00000	0.0	0.0	-0.010134
				69.39560	27.39800	85.00000	0.0	0.0	-0.010332
				70.14990	27.39800	85.00000	0.0	0.0	-0.010433
				70.90420	27.39800	85.00000	0.0	0.0	-0.010456
				71.65850	27.39800	85.00000	0.0	0.0	-0.010415
				72.41280	27.39800	85.00000	0.0	0.0	-0.010322
				73.16710	27.39800	85.00000	0.0	0.0	-0.010190
				73.92140	27.39800	85.00000	0.0	0.0	-0.010025
				74.67570	27.39800	85.00000	0.0	0.0	-0.0098356
				75.43000	27.39800	85.00000	0.0	0.0	-0.0096275
				0.00000	28.11900	85.00000	0.0	0.0	-0.0093941
				0.75430	28.11900	85.00000	0.0	0.0	-0.0096227
				1.50860	28.11900	85.00000	0.0	0.0	-0.0098390
				2.26290	28.11900	85.00000	0.0	0.0	-0.010038
				3.01720	28.11900	85.00000	0.0	0.0	-0.010215
				3.77150	28.11900	85.00000	0.0	0.0	-0.010363
				4.52580	28.11900	85.00000	0.0	0.0	-0.010473

Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD										Job No.	Sheet No.	Rev.	
										3500			
										Drg. Ref.			
										Made by PES	Date 01-Nov-2024	Checked	Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz				
				[m]	[m]	[m]	[mm]	[mm]	[mm]				
				5.28010	28.11900	85.00000	0.0	0.0	-0.010535	*			
				6.03440	28.11900	85.00000	0.0	0.0	-0.010539	*			
				6.78870	28.11900	85.00000	0.0	0.0	-0.010469	*			
				7.54300	28.11900	85.00000	0.0	0.0	-0.010308	*			
				8.29730	28.11900	85.00000	0.0	0.0	-0.010036	*			
				9.05160	28.11900	85.00000	0.0	0.0	-0.0033050	*			
				9.80590	28.11900	85.00000	0.0	0.0	0.14566	*			
				10.56020	28.11900	85.00000	0.0	0.0	0.29467	*			
				11.31450	28.11900	85.00000	0.0	0.0	0.44374	*			
				12.06880	28.11900	85.00000	0.0	0.0	0.59291	*			
				12.82310	28.11900	85.00000	0.0	0.0	0.74222	*			
				13.57740	28.11900	85.00000	0.0	0.0	0.89173	*			
				14.33170	28.11900	85.00000	0.028433	0.0058983	1.0508	*			
				15.08600	28.11900	85.00000	0.22610	0.048889	1.2339	*			
				15.84030	28.11900	85.00000	0.53118	0.12150	1.4072	*			
				16.59460	28.11900	85.00000	0.83813	0.20156	1.5798	*			
				17.34890	28.11900	85.00000	1.1394	0.28834	1.7595	*			
				18.10320	28.11900	85.00000	1.4346	0.38291	1.9524	*			
				18.85750	28.11900	85.00000	1.7231	0.48658	2.1633	*			
				19.61180	28.11900	85.00000	2.0040	0.60089	2.3953	*			
				20.36610	28.11900	85.00000	2.2761	0.72769	2.6502	*			
				21.12040	28.11900	85.00000	2.5378	0.86922	2.9283	*			
				21.87470	28.11900	85.00000	2.7868	1.0282	3.2286	*			
				22.62900	28.11900	85.00000	3.0203	1.2079	3.5487	*			
				23.38330	28.11900	85.00000	3.2344	1.4125	3.8851	*			
				24.13760	28.11900	85.00000	3.4243	1.6469	4.2330	*			
				24.89190	28.11900	85.00000	3.5835	1.9176	4.5867	*			
				25.64620	28.11900	85.00000	3.7039	2.2322	4.9396	*			
				26.40050	28.11900	85.00000	3.8153	2.6263	5.3147	*			
				27.15480	28.11900	85.00000	3.9148	3.1185	5.7169	*			
				27.90910	28.11900	85.00000	3.9608	3.7065	6.1216	*			
				28.66340	28.11900	85.00000	3.9386	4.4092	6.5255	*			
				29.41770	28.11900	85.00000	3.9321	5.2446	6.9255	*			
				30.17200	28.11900	85.00000	3.6606	6.2071	7.3330	*			
				30.92630	28.11900	85.00000	4.0939	6.9418	8.0090	*			
				31.68060	28.11900	85.00000	4.3950	7.4524	8.5141	*			
				32.43490	28.11900	85.00000	4.3623	7.3970	8.6027	*			
				33.18920	28.11900	85.00000	3.4824	7.6235	8.6970	*			
				33.94350	28.11900	85.00000	1.6871	8.2365	8.8524	*			
				34.69780	28.11900	85.00000	0.32942	8.9354	9.1318	*			
				35.45210	28.11900	85.00000	0.33410	9.0625	9.2960	*			
				36.20640	28.11900	85.00000	0.33880	9.1899	9.4453	*			
				36.96070	28.11900	85.00000	0.34351	9.3177	9.5807	*			
				37.71500	28.11900	85.00000	0.34824	9.4460	9.6885	*			
				38.46930	28.11900	85.00000	0.35298	9.5746	9.7694	*			
				39.22360	28.11900	85.00000	0.35077	9.5145	9.7271	*			
				39.97790	28.11900	85.00000	0.34242	9.2881	9.5848	*			
				40.73220	28.11900	85.00000	0.33404	9.0609	9.4269	*			
				41.48650	28.11900	85.00000	0.32564	8.8329	9.2300	*			
				42.24080	28.11900	85.00000	0.31720	8.6040	8.9939	*			
				42.99510	28.11900	85.00000	0.30873	8.3743	8.7243	*			
				43.74940	28.11900	85.00000	-0.98925	7.2753	8.3715	*			
				44.50370	28.11900	85.00000	-2.4839	5.9536	7.9609	*			
				45.25800	28.11900	85.00000	-3.7125	4.9876	7.6667	*			
				46.01230	28.11900	85.00000	-4.6259	4.3542	7.4710	*			
				46.76660	28.11900	85.00000	-5.1830	3.8349	7.2184	*			
				47.52090	28.11900	85.00000	-5.4762	3.4058	6.9156	*			
				48.27520	28.11900	85.00000	-5.5807	3.0451	6.5705	*			
				49.02950	28.11900	85.00000	-5.5254	2.8610	6.2605	*			
				49.78380	28.11900	85.00000	-5.4050	2.7987	5.9846	*			
				50.53810	28.11900	85.00000	-5.2666	2.7270	5.6804	*			
				51.29240	28.11900	85.00000	-5.1096	2.6457	5.3523	*			
				52.04670	28.11900	85.00000	-4.8170	2.4942	4.9431	*			
				52.80100	28.11900	85.00000	-4.3633	2.2592	4.4634	*			
				53.55530	28.11900	85.00000	-3.9285	2.0341	4.0212	*			
				54.30960	28.11900	85.00000	-3.5122	1.8185	3.6180	*			
				55.06390	28.11900	85.00000	-3.1357	1.5919	3.2597	*			
				55.81820	28.11900	85.00000	-2.8154	1.3412	2.9449	*			
				56.57250	28.11900	85.00000	-2.4941	1.1185	2.6573	*			
				57.32680	28.11900	85.00000	-2.1723	0.91968	2.3967	*			
				58.08110	28.11900	85.00000	-1.8501	0.74141	2.1618	*			
				58.83540	28.11900	85.00000	-1.5277	0.58088	1.9500	*			
				59.58970	28.11900	85.00000	-1.2048	0.43570	1.7573	*			
				60.34400	28.11900	85.00000	-0.88138	0.30381	1.5785	*			
				61.09830	28.11900	85.00000	-0.55710	0.18349	1.4068	*			
				61.85260	28.11900	85.00000	-0.24045	0.075983	1.2343	*			
				62.60690	28.11900	85.00000	-0.031012	0.0093844	1.0513	*			
				63.36120	28.11900	85.00000	0.0	0.0	0.89365	*			
				64.11550	28.11900	85.00000	0.0	0.0	0.74629	*			
				64.86980	28.11900	85.00000	0.0	0.0	0.59897	*			
				65.62410	28.11900	85.00000	0.0	0.0	0.45164	*			
				66.37840	28.11900	85.00000	0.0	0.0	0.30429	*			
				67.13270	28.11900	85.00000	0.0	0.0	0.15687	*			
				67.88700	28.11900	85.00000	0.0	0.0	0.0093955	*			
				68.64130	28.11900	85.00000	0.0	0.0	-0.010068	*			
				69.39560	28.11900	85.00000	0.0	0.0	-0.010296	*			
				70.14990	28.11900	85.00000	0.0	0.0	-0.010420	*			
				70.90420	28.11900	85.00000	0.0	0.0	-0.010460	*			
				71.65850	28.11900	85.00000	0.0	0.0	-0.010432	*			
				72.41280	28.11900	85.00000	0.0	0.0	-0.010350	*			
				73.16710	28.11900	85.00000	0.0	0.0	-0.010225	*			
				73.92140	28.11900	85.00000	0.0	0.0	-0.010066	*			
				74.67570	28.11900	85.00000	0.0	0.0	-0.0098801	*			
				75.43000	28.11900	85.00000	0.0	0.0	-0.0096745	*			
				0.00000	28.84000	85.00000	0.0	0.0	-0.0094393	*			
				0.75430	28.84000	85.00000	0.0	0.0	-0.0096667	*			
				1.50860	28.84000	85.00000	0.0	0.0	-0.0098807	*			
				2.26290	28.84000	85.00000	0.0	0.0	-0.010077	*			
				3.01720	28.84000	85.00000	0.0	0.0	-0.010248	*			
				3.77150	28.84000	85.00000	0.0	0.0	-0.010389	*			
				4.52580	28.84000	85.00000	0.0	0.0	-0.010490	*			
				5.28010	28.84000	85.00000	0.0	0.0	-0.010540	*			
				6.03440	28.84000	85.00000	0.0	0.0	-0.010528	*			
				6.78870	28.84000	85.00000	0.0	0.0	-0.010437	*			
				7.54300	28.84000	85.00000	0.0	0.0	-0.010250	*			
				8.29730	28.84000	85.00000	0.0	0.0	-0.0099442	*			
				9.05160	28.84000	85.00000	0.0	0.0	0.020294	*			
				9.80590	28.84000	85.00000	0.0	0.0	0.17007	*			
				10.56020	28.84000	85.00000	0.0	0.0	0.31994	*			
				11.31450	28.84000	85.00000	0.0	0.0	0.46996	*			
				12.06880	28.84000	85.00000	0.0	0.0	0.62016	*			
				12.82310	28.84000	85.00000	0.0	0.0	0.77059	*			
				13.57740	28.84000	85.00000	0.0	0.0	0.92132	*			
				14.33170	28.84000	85.00000	0.071223	0.012373	1.0900	*			
				15.08600	28.84								

Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD	Job No.		Sheet No.		Rev.					
	3500									
	Drg. Ref.									
	Made by	Date	Checked	Date						
PES		01-Nov-2024								
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				27.15480	28.84000	85.00000	4.2934	2.7661	5.9219	*
				27.90910	28.84000	85.00000	4.3737	3.3385	6.3489	*
				28.66340	28.84000	85.00000	4.3806	4.0453	6.7794	*
				29.41770	28.84000	85.00000	4.2904	4.9199	7.2131	*
				30.17200	28.84000	85.00000	4.0760	5.9949	7.6506	*
				30.92630	28.84000	85.00000	4.1292	7.0017	8.2243	*
				31.68060	28.84000	85.00000	4.5925	7.7873	8.9445	*
				32.43490	28.84000	85.00000	4.6870	7.9476	9.2275	*
				33.18920	28.84000	85.00000	4.6389	7.8804	9.3699	*
				33.94350	28.84000	85.00000	2.2926	8.4760	9.4571	*
				34.69780	28.84000	85.00000	0.34838	9.4497	9.7886	*
				35.45210	28.84000	85.00000	0.35326	9.5822	9.9567	*
				36.20640	28.84000	85.00000	0.35816	9.7150	10.126	*
				36.96070	28.84000	85.00000	0.36307	9.8483	10.323	*
				37.71500	28.84000	85.00000	0.36800	9.9819	10.434	*
				38.46930	28.84000	85.00000	0.37294	10.116	10.491	*
				39.22360	28.84000	85.00000	0.37109	10.066	10.437	*
				39.97790	28.84000	85.00000	0.36236	9.8289	10.322	*
				40.73220	28.84000	85.00000	0.35359	9.5912	10.240	*
				41.48650	28.84000	85.00000	0.34479	9.3526	10.018	*
				42.24080	28.84000	85.00000	0.33597	9.1131	9.7346	*
				42.99510	28.84000	85.00000	0.32711	8.8728	9.4105	*
				43.74940	28.84000	85.00000	-1.4304	7.3958	8.9731	*
				44.50370	28.84000	85.00000	-3.4186	5.6745	8.4344	*
				45.25800	28.84000	85.00000	-4.9634	4.7811	8.1968	*
				46.01230	28.84000	85.00000	-5.8510	4.1089	7.9272	*
				46.76660	28.84000	85.00000	-6.2956	3.5955	7.6185	*
				47.52090	28.84000	85.00000	-6.3887	3.3080	7.3189	*
				48.27520	28.84000	85.00000	-6.2812	3.2523	7.0777	*
				49.02950	28.84000	85.00000	-6.1568	3.1879	6.8064	*
				49.78380	28.84000	85.00000	-6.0150	3.1145	6.5039	*
				50.53810	28.84000	85.00000	-5.7706	2.9879	6.1179	*
				51.29240	28.84000	85.00000	-5.2828	2.7354	5.5775	*
				52.04670	28.84000	85.00000	-4.8152	2.4933	5.0648	*
				52.80100	28.84000	85.00000	-4.3673	2.2613	4.5846	*
				53.55530	28.84000	85.00000	-3.9520	2.0235	4.1445	*
				54.30960	28.84000	85.00000	-3.6217	1.7224	3.7589	*
				55.06390	28.84000	85.00000	-3.2904	1.4596	3.3985	*
				55.81820	28.84000	85.00000	-2.9589	1.2288	3.0657	*
				56.57250	28.84000	85.00000	-2.6277	1.0252	2.7616	*
				57.32680	28.84000	85.00000	-2.2971	0.84456	2.4864	*
				58.08110	28.84000	85.00000	-1.9672	0.68348	2.2387	*
				58.83540	28.84000	85.00000	-1.6378	0.53914	2.0162	*
				59.58970	28.84000	85.00000	-1.3088	0.40919	1.8152	*
				60.34400	28.84000	85.00000	-0.97993	0.29163	1.6304	*
				61.09830	28.84000	85.00000	-0.65080	0.18479	1.4553	*
				61.85260	28.84000	85.00000	-0.32101	0.087255	1.2820	*
				62.60690	28.84000	85.00000	-0.086158	0.022424	1.1010	*
				63.36120	28.84000	85.00000	0.0	0.0	0.93104	*
				64.11550	28.84000	85.00000	0.0	0.0	0.78220	*
				64.86980	28.84000	85.00000	0.0	0.0	0.63352	*
				65.62410	28.84000	85.00000	0.0	0.0	0.48494	*
				66.37840	28.84000	85.00000	0.0	0.0	0.33642	*
				67.13270	28.84000	85.00000	0.0	0.0	0.18794	*
				67.88700	28.84000	85.00000	0.0	0.0	0.039455	*
				68.64130	28.84000	85.00000	0.0	0.0	-0.010002	*
				69.39560	28.84000	85.00000	0.0	0.0	-0.010257	*
				70.14990	28.84000	85.00000	0.0	0.0	-0.010403	*
				70.90420	28.84000	85.00000	0.0	0.0	-0.010460	*
				71.65850	28.84000	85.00000	0.0	0.0	-0.010446	*
				72.41280	28.84000	85.00000	0.0	0.0	-0.010374	*
				73.16710	28.84000	85.00000	0.0	0.0	-0.010256	*
				73.92140	28.84000	85.00000	0.0	0.0	-0.010102	*
				74.67570	28.84000	85.00000	0.0	0.0	-0.0099203	*
				75.43000	28.84000	85.00000	0.0	0.0	-0.0097172	*
				0.00000	29.56100	85.00000	0.0	0.0	-0.0094802	*
				0.75430	29.56100	85.00000	0.0	0.0	-0.0097062	*
				1.50860	29.56100	85.00000	0.0	0.0	-0.0099180	*
				2.26290	29.56100	85.00000	0.0	0.0	-0.010110	*
				3.01720	29.56100	85.00000	0.0	0.0	-0.010277	*
				3.77150	29.56100	85.00000	0.0	0.0	-0.010411	*
				4.52580	29.56100	85.00000	0.0	0.0	-0.010503	*
				5.28010	29.56100	85.00000	0.0	0.0	-0.010542	*
				6.03440	29.56100	85.00000	0.0	0.0	-0.010514	*
				6.78870	29.56100	85.00000	0.0	0.0	-0.010403	*
				7.54300	29.56100	85.00000	0.0	0.0	-0.010190	*
				8.29730	29.56100	85.00000	0.0	0.0	-0.0098517	*
				9.05160	29.56100	85.00000	0.0	0.0	0.039629	*
				9.80590	29.56100	85.00000	0.0	0.0	0.19008	*
				10.56020	29.56100	85.00000	0.0	0.0	0.34069	*
				11.31450	29.56100	85.00000	0.0	0.0	0.49149	*
				12.06880	29.56100	85.00000	0.0	0.0	0.64256	*
				12.82310	29.56100	85.00000	0.0	0.0	0.79394	*
				13.57740	29.56100	85.00000	0.0	0.0	0.94572	*
				14.33170	29.56100	85.00000	0.10877	0.015386	1.1219	*
				15.08600	29.56100	85.00000	0.36252	0.053447	1.3039	*
				15.84030	29.56100	85.00000	0.69919	0.10781	1.4798	*
				16.59460	29.56100	85.00000	1.0327	0.16638	1.6589	*
				17.34890	29.56100	85.00000	1.3630	0.22989	1.8491	*
				18.10320	29.56100	85.00000	1.6902	0.29917	2.0566	*
				18.85750	29.56100	85.00000	2.0141	0.37525	2.2861	*
				19.61180	29.56100	85.00000	2.3341	0.45936	2.5410	*
				20.36610	29.56100	85.00000	2.6497	0.55302	2.8230	*
				21.12040	29.56100	85.00000	2.9597	0.65809	3.1323	*
				21.87470	29.56100	85.00000	3.2626	0.77690	3.4681	*
				22.62900	29.56100	85.00000	3.5562	0.91240	3.8278	*
				23.38330	29.56100	85.00000	3.8376	1.0684	4.2076	*
				24.13760	29.56100	85.00000	4.1027	1.2497	4.6029	*
				24.89190	29.56100	85.00000	4.3456	1.4628	5.0075	*
				25.64620	29.56100	85.00000	4.5584	1.7165	5.4146	*
				26.40050	29.56100	85.00000	4.7299	2.0223	5.8169	*
				27.15480	29.56100	85.00000	4.8442	2.3965	6.2066	*
				27.90910	29.56100	85.00000	4.8786	2.8618	6.5766	*
				28.66340	29.56100	85.00000	4.8798	3.5002	6.9864	*
				29.41770	29.56100	85.00000	4.8289	4.3722	7.4535	*
				30.17200	29.56100	85.00000	4.6289	5.5094	7.9422	*
				30.92630	29.56100	85.00000	4.2294	6.9784	8.4610	*
				31.68060	29.56100	85.00000	4.6295	7.8500	9.2161	*
				32.43490	29.56100	85.00000	5.0249	8.5204	9.9019	*
				33.18920	29.56100	85.00000	4.9826	8.4487	10.636	*
				33.94350	29.56100	85.00000	3.4388	8.7306	10.793	*
				34.69780	29.56100	85.00000	0.36785	9.9780	11.038	*
				35.45210	29.56100	85.00000	0.37294	10.116	11.117	*
				36.20640	29.56100	85.00000	0.37804	10.254	11.165	*
				36.96070	29.56100	85.00000	0.38315	10.393	11.658	*
				37.71500	29.56100	85.00000	0.38828	10.532	11.782	*
				38.46930	29.56100	85.00000	0.39342	10.671	11.813	*
				39.22360	29.56100	85.00000	0.39198	10.632	11.725	*
				39.97790	29.56100	85.00000	0.38286	10.385	11.558	*
				40.73220	29.56100	85.00000	0.37370	10.137	11.564	*
				41.48650	29.56100	85.00000	0.36452	9.8876	11.358	*
				42.24080	29.56100	85.00000	0.35530	9.6376	11.068	*
				42.99510	29.56100	85.00000	0.34606	9.3868	10.712	*
				43.74940	29.56100	85.00000	-2.3143	7.1765	10.155	*
				44.50370	29.56100	85.0000				



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				49.02950	29.56100	85.00000	-6.7756	3.5083	7.3467
				49.78380	29.56100	85.00000	-6.2509	3.2366	6.7767
				50.53810	29.56100	85.00000	-5.7476	2.9760	6.2200
				51.29240	29.56100	85.00000	-5.2651	2.7262	5.6836
				52.04670	29.56100	85.00000	-4.8030	2.4869	5.1736
				52.80100	29.56100	85.00000	-4.4601	2.1462	4.7279
				53.55530	29.56100	85.00000	-4.1162	1.7991	4.3015
				54.30960	29.56100	85.00000	-3.7721	1.5266	3.8982
				55.06390	29.56100	85.00000	-3.4287	1.2908	3.5211
				55.81820	29.56100	85.00000	-3.0865	1.0853	3.1727
				56.57250	29.56100	85.00000	-2.7460	0.90525	2.8542
				57.32680	29.56100	85.00000	-2.4072	0.74641	2.5661
				58.08110	29.56100	85.00000	-2.0700	0.60553	2.3071
				58.83540	29.56100	85.00000	-1.7342	0.47990	2.0750
				59.58970	29.56100	85.00000	-1.3995	0.36728	1.8662
				60.34400	29.56100	85.00000	-1.0656	0.26581	1.6757
				61.09830	29.56100	85.00000	-0.73207	0.17395	1.4971
				61.85260	29.56100	85.00000	-0.39835	0.090376	1.3225
				62.60690	29.56100	85.00000	-0.13351	0.028963	1.1428
				63.36120	29.56100	85.00000	0.0	0.0	0.96333
				64.11550	29.56100	85.00000	0.0	0.0	0.81319
				64.86980	29.56100	85.00000	0.0	0.0	0.66330
				65.62410	29.56100	85.00000	0.0	0.0	0.51362
				66.37840	29.56100	85.00000	0.0	0.0	0.36409
				67.13270	29.56100	85.00000	0.0	0.0	0.21466
				67.88700	29.56100	85.00000	0.0	0.0	0.065300
				68.64130	29.56100	85.00000	0.0	0.0	-0.009357
				69.39560	29.56100	85.00000	0.0	0.0	-0.010218
				70.14990	29.56100	85.00000	0.0	0.0	-0.010385
				70.90420	29.56100	85.00000	0.0	0.0	-0.010459
				71.65850	29.56100	85.00000	0.0	0.0	-0.010456
				72.41280	29.56100	85.00000	0.0	0.0	-0.010394
				73.16710	29.56100	85.00000	0.0	0.0	-0.010283
				73.92140	29.56100	85.00000	0.0	0.0	-0.010134
				74.67570	29.56100	85.00000	0.0	0.0	-0.0099563
				75.43000	29.56100	85.00000	0.0	0.0	-0.0097556
				0.00000	30.28200	85.00000	0.0	0.0	-0.0095167
				0.75430	30.28200	85.00000	0.0	0.0	-0.0097413
				1.50860	30.28200	85.00000	0.0	0.0	-0.0099509
				2.26290	30.28200	85.00000	0.0	0.0	-0.010140
				3.01720	30.28200	85.00000	0.0	0.0	-0.010302
				3.77150	30.28200	85.00000	0.0	0.0	-0.010430
				4.52580	30.28200	85.00000	0.0	0.0	-0.010513
				5.28010	30.28200	85.00000	0.0	0.0	-0.010540
				6.03440	30.28200	85.00000	0.0	0.0	-0.010498
				6.78870	30.28200	85.00000	0.0	0.0	-0.010368
				7.54300	30.28200	85.00000	0.0	0.0	-0.010131
				8.29730	30.28200	85.00000	0.0	0.0	-0.0097607
				9.05160	30.28200	85.00000	0.0	0.0	0.054953
				9.80590	30.28200	85.00000	0.0	0.0	0.205080
				10.56020	30.28200	85.00000	0.0	0.0	0.35689
				11.31450	30.28200	85.00000	0.0	0.0	0.50827
				12.06880	30.28200	85.00000	0.0	0.0	0.66002
				12.82310	30.28200	85.00000	0.0	0.0	0.81217
				13.57740	30.28200	85.00000	0.0	0.0	0.96481
				14.33170	30.28200	85.00000	0.14028	0.015521	1.1467
				15.08600	30.28200	85.00000	0.41994	0.048157	1.3288
				15.84030	30.28200	85.00000	0.76871	0.091587	1.5061
				16.59460	30.28200	85.00000	1.1155	0.13826	1.6881
				17.34890	30.28200	85.00000	1.4604	0.18875	1.8827
				18.10320	30.28200	85.00000	1.8038	0.24372	2.0963
				18.85750	30.28200	85.00000	2.1457	0.30398	2.3336
				19.61180	30.28200	85.00000	2.4859	0.37051	2.5979
				20.36610	30.28200	85.00000	2.8240	0.44453	2.8913
				21.12040	30.28200	85.00000	3.1594	0.52754	3.2139
				21.87470	30.28200	85.00000	3.4912	0.62146	3.5649
				22.62900	30.28200	85.00000	3.8176	0.72872	3.9419
				23.38330	30.28200	85.00000	4.1367	0.85248	4.3413
				24.13760	30.28200	85.00000	4.4450	0.99693	4.7582
				24.89190	30.28200	85.00000	4.7380	1.1677	5.1869
				25.64620	30.28200	85.00000	5.0090	1.3726	5.6205
				26.40050	30.28200	85.00000	5.2483	1.6225	6.0518
				27.15480	30.28200	85.00000	5.4411	1.9334	6.4736
				27.90910	30.28200	85.00000	5.5654	2.3288	6.8792
				28.66340	30.28200	85.00000	5.5864	2.8450	7.2643
				29.41770	30.28200	85.00000	5.4602	3.5460	7.6395
				30.17200	30.28200	85.00000	5.3193	4.6617	8.1905
				30.92630	30.28200	85.00000	4.9209	6.2513	8.8564
				31.68060	30.28200	85.00000	4.6566	7.8960	9.6323
				32.43490	30.28200	85.00000	5.1623	8.7535	10.428
				33.18920	30.28200	85.00000	5.3325	9.0421	11.412
				33.94350	30.28200	85.00000	5.2825	8.9572	11.591
				34.69780	30.28200	85.00000	0.38787	10.521	11.739
				35.45210	30.28200	85.00000	0.39315	10.664	11.926
				36.20640	30.28200	85.00000	0.39845	10.808	12.081
				36.96070	30.28200	85.00000	0.40377	10.952	12.224
				37.71500	30.28200	85.00000	0.40910	11.097	12.322
				38.46930	30.28200	85.00000	0.41444	11.242	12.373
				39.22360	30.28200	85.00000	0.41346	11.215	12.332
				39.97790	30.28200	85.00000	0.40395	10.957	12.196
				40.73220	30.28200	85.00000	0.39440	10.698	12.043
				41.48650	30.28200	85.00000	0.38483	10.439	11.840
				42.24080	30.28200	85.00000	0.37523	10.178	11.577
				42.99510	30.28200	85.00000	0.36560	9.9168	11.245
				43.74940	30.28200	85.00000	-4.9117	6.0133	10.711
				44.50370	30.28200	85.00000	-8.2675	4.2808	10.569
				45.25800	30.28200	85.00000	-8.1770	4.2339	9.6363
				46.01230	30.28200	85.00000	-8.0719	4.1795	9.1533
				46.76660	30.28200	85.00000	-7.9518	4.1173	8.8386
				47.52090	30.28200	85.00000	-7.8161	4.0471	8.5565
				48.27520	30.28200	85.00000	-7.7249	3.7669	7.9946
				49.02950	30.28200	85.00000	-6.7329	3.4862	7.4208
				49.78380	30.28200	85.00000	-6.2129	3.2170	6.8555
				50.53810	30.28200	85.00000	-5.7145	2.9589	6.3044
				51.29240	30.28200	85.00000	-5.3380	2.5244	5.8098
				52.04670	30.28200	85.00000	-4.9793	2.1307	5.3342
				52.80100	30.28200	85.00000	-4.6196	1.8023	4.8736
				53.55530	30.28200	85.00000	-4.2606	1.5255	4.4326
				54.30960	30.28200	85.00000	-3.9034	1.2900	4.0150
				55.06390	30.28200	85.00000	-3.5487	1.0880	3.6244
				55.81820	30.28200	85.00000	-3.1967	0.91325	3.2632
				56.57250	30.28200	85.00000	-2.8476	0.76101	2.9330
				57.32680	30.28200	85.00000	-2.5013	0.62750	2.6340
				58.08110	30.28200	85.00000	-2.1576	0.50967	2.3655
				58.83540	30.28200	85.00000	-1.8160	0.40509	2.1252
				59.58970	30.28200	85.00000	-1.4763	0.31175	1.9097
				60.34400	30.28200	85.00000	-1.1380	0.22800	1.7141
				61.09830	30.28200	85.00000	-0.80082	0.15253	1.5322
				61.85260	30.28200	85.00000	-0.46512	0.084363	1.3565
				62.60690	30.28200	85.00000	-0.17443	0.030155	1.1773
				63.36120	30.28200	85.00000	0.0	0.0	0.99039
				64.11550	30.28200	85.00000	0.0	0.0	0.83912
				64.86980	30.28200	85.00000	0.0	0.0	0.68821
				65.62410	30.28200	85.00000	0.0	0.0	0.53759
				66.37840	30.28200	85.00000	0.0	0.0	0.38719
				67.13270	30.28200	85.00000	0.0	0.0	0.23696
				67.88700	30.28200	85.00000	0.0	0.0	0.086859
				68.64130	30.28200	85.00000	0.0	0.0	-0.0098723
				69.39560	30.28200	85.00000	0.0	0.0	-0.010180
				70.14990	30.28200	85.00000	0.0	0.0	-0.010367



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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				70.90420	30.28200	85.00000	0.0	0.0	-0.010455
				71.65850	30.28200	85.00000	0.0	0.0	-0.010465
				72.41280	30.28200	85.00000	0.0	0.0	-0.010411
				73.16710	30.28200	85.00000	0.0	0.0	-0.010307
				73.92140	30.28200	85.00000	0.0	0.0	-0.010163
				74.67570	30.28200	85.00000	0.0	0.0	-0.009982
				75.43000	30.28200	85.00000	0.0	0.0	-0.009789
				0.00000	31.00300	85.00000	0.0	0.0	-0.009548
				0.75430	31.00300	85.00000	0.0	0.0	-0.009721
				1.50860	31.00300	85.00000	0.0	0.0	-0.009796
				2.26290	31.00300	85.00000	0.0	0.0	-0.010166
				3.01720	31.00300	85.00000	0.0	0.0	-0.010323
				3.77150	31.00300	85.00000	0.0	0.0	-0.010445
				4.52580	31.00300	85.00000	0.0	0.0	-0.010520
				5.28010	31.00300	85.00000	0.0	0.0	-0.010537
				6.03440	31.00300	85.00000	0.0	0.0	-0.010480
				6.78870	31.00300	85.00000	0.0	0.0	-0.010333
				7.54300	31.00300	85.00000	0.0	0.0	-0.010072
				8.29730	31.00300	85.00000	0.0	0.0	-0.009673
				9.05160	31.00300	85.00000	0.0	0.0	0.069426
				9.80590	31.00300	85.00000	0.0	0.0	0.22032
				10.56020	31.00300	85.00000	0.0	0.0	0.37147
				11.31450	31.00300	85.00000	0.0	0.0	0.52293
				12.06880	31.00300	85.00000	0.0	0.0	0.67478
				12.82310	31.00300	85.00000	0.0	0.0	0.82711
				13.57740	31.00300	85.00000	0.0	0.0	0.98001
				14.33170	31.00300	85.00000	0.16950	0.016950	1.1669
				15.08600	31.00300	85.00000	0.47250	0.047250	1.3493
				15.84030	31.00300	85.00000	0.83241	0.083241	1.5277
				16.59460	31.00300	85.00000	1.1909	0.11909	1.7119
				17.34890	31.00300	85.00000	1.5486	0.15486	1.9098
				18.10320	31.00300	85.00000	1.9064	0.19064	2.1277
				18.85750	31.00300	85.00000	2.2649	0.22649	2.3703
				19.61180	31.00300	85.00000	2.6249	0.27271	2.6424
				20.36610	31.00300	85.00000	2.9856	0.32551	2.9451
				21.12040	31.00300	85.00000	3.3465	0.38447	3.2790
				21.87470	31.00300	85.00000	3.7074	0.45094	3.6430
				22.62900	31.00300	85.00000	4.0675	0.52665	4.0351
				23.38330	31.00300	85.00000	4.4254	0.61385	4.4518
				24.13760	31.00300	85.00000	4.7792	0.71558	4.8884
				24.89190	31.00300	85.00000	5.1259	0.83598	5.3393
				25.64620	31.00300	85.00000	5.4609	0.98091	5.7982
				26.40050	31.00300	85.00000	5.7772	1.1588	6.2583
				27.15480	31.00300	85.00000	6.0639	1.3825	6.7129
				27.90910	31.00300	85.00000	6.3034	1.6718	7.1565
				28.66340	31.00300	85.00000	6.4660	2.0598	7.5874
				29.41770	31.00300	85.00000	6.4990	2.6042	8.0127
				30.17200	31.00300	85.00000	6.3023	3.4134	8.4681
				30.92630	31.00300	85.00000	5.8884	4.8377	9.3192
				31.68060	31.00300	85.00000	5.0483	7.3969	10.586
				32.43490	31.00300	85.00000	5.1920	8.8039	11.324
				33.18920	31.00300	85.00000	5.6962	9.6587	11.925
				33.94350	31.00300	85.00000	5.6451	9.5722	11.941
				34.69780	31.00300	85.00000	0.40845	11.079	11.907
				35.45210	31.00300	85.00000	0.41394	11.228	12.091
				36.20640	31.00300	85.00000	0.41944	11.377	12.228
				36.96070	31.00300	85.00000	0.42496	11.527	12.331
				37.71500	31.00300	85.00000	0.43049	11.677	12.400
				38.46930	31.00300	85.00000	0.43604	11.827	12.434
				39.22360	31.00300	85.00000	0.43554	11.814	12.396
				39.97790	31.00300	85.00000	0.42565	11.546	12.266
				40.73220	31.00300	85.00000	Point lies within an excavation.		
				41.48650	31.00300	85.00000	Point lies within an excavation.		
				42.24080	31.00300	85.00000	Point lies within an excavation.		
				42.99510	31.00300	85.00000	Point lies within an excavation.		
				43.74940	31.00300	85.00000	-9.2112	4.7694	11.380
				44.50370	31.00300	85.00000	-9.1114	4.7177	11.330
				45.25800	31.00300	85.00000	-8.9977	4.6589	10.586
				46.01230	31.00300	85.00000	-8.8696	4.5926	9.8769
				46.76660	31.00300	85.00000	-8.3621	4.3298	9.2498
				47.52090	31.00300	85.00000	-7.7785	4.0276	8.6351
				48.27520	31.00300	85.00000	-7.2180	3.7374	8.0471
				49.02950	31.00300	85.00000	-6.6803	3.4590	7.4737
				49.78380	31.00300	85.00000	-6.2631	2.9464	6.9454
				50.53810	31.00300	85.00000	-5.8881	2.4376	6.4403
				51.29240	31.00300	85.00000	-5.5099	2.0320	5.9431
				52.04670	31.00300	85.00000	-5.1317	1.7032	5.4570
				52.80100	31.00300	85.00000	-4.7556	1.4326	4.9860
				53.55530	31.00300	85.00000	-4.3827	1.2071	4.5345
				54.30960	31.00300	85.00000	-4.0136	1.0170	4.1067
				55.06390	31.00300	85.00000	-3.6487	0.85514	3.7061
				55.81820	31.00300	85.00000	-3.2881	0.71609	3.353
				56.57250	31.00300	85.00000	-2.9314	0.59569	2.9960
				57.32680	31.00300	85.00000	-2.5798	0.49091	2.6890
				58.08110	31.00300	85.00000	-2.2383	0.40025	2.4146
				58.83540	31.00300	85.00000	-1.8968	0.31976	2.1693
				59.58970	31.00300	85.00000	-1.5550	0.24786	1.9474
				60.34400	31.00300	85.00000	-1.2129	0.18325	1.7474
				61.09830	31.00300	85.00000	-0.87017	0.12487	1.5623
				61.85260	31.00300	85.00000	-0.52640	0.071823	1.3846
				62.60690	31.00300	85.00000	-0.21026	0.027238	1.2051
				63.36120	31.00300	85.00000	0.0	0.0	1.0121
				64.11550	31.00300	85.00000	0.0	0.0	0.85990
				64.86980	31.00300	85.00000	0.0	0.0	0.70815
				65.62410	31.00300	85.00000	0.0	0.0	0.55676
				66.37840	31.00300	85.00000	0.0	0.0	0.40565
				67.13270	31.00300	85.00000	0.0	0.0	0.25477
				67.88700	31.00300	85.00000	0.0	0.0	0.10407
				68.64130	31.00300	85.00000	0.0	0.0	-0.0098130
				69.39560	31.00300	85.00000	0.0	0.0	-0.010144
				70.14990	31.00300	85.00000	0.0	0.0	-0.010349
				70.90420	31.00300	85.00000	0.0	0.0	-0.010451
				71.65850	31.00300	85.00000	0.0	0.0	-0.010471
				72.41280	31.00300	85.00000	0.0	0.0	-0.010425
				73.16710	31.00300	85.00000	0.0	0.0	-0.010327
				73.92140	31.00300	85.00000	0.0	0.0	-0.010188
				74.67570	31.00300	85.00000	0.0	0.0	-0.010016
				75.43000	31.00300	85.00000	0.0	0.0	-0.0098200
				0.00000	31.72400	85.00000	0.0	0.0	-0.0095767
				0.75430	31.72400	85.00000	0.0	0.0	-0.0097987
				1.50860	31.72400	85.00000	0.0	0.0	-0.010004
				2.26290	31.72400	85.00000	0.0	0.0	-0.010187
				3.01720	31.72400	85.00000	0.0	0.0	-0.010341
				3.77150	31.72400	85.00000	0.0	0.0	-0.010457
				4.52580	31.72400	85.00000	0.0	0.0	-0.010525
				5.28010	31.72400	85.00000	0.0	0.0	-0.010532
				6.03440	31.72400	85.00000	0.0	0.0	-0.010462
				6.78870	31.72400	85.00000	0.0	0.0	-0.010298
				7.54300	31.72400	85.00000	0.0	0.0	-0.010017
				8.29730	31.72400	85.00000	0.0	0.0	-0.0095911
				9.05160	31.72400	85.00000	0.0	0.0	0.083891
				9.80590	31.72400	85.00000	0.0	0.0	0.23483
				10.56020	31.72400	85.00000	0.0	0.0	0.38603
				11.31450	31.72400	85.00000	0.0	0.0	0.53756
				12.06880	31.72400	85.00000	0.0	0.0	0.68950
				12.82310	31.72400	85.00000	0.0	0.0	0.84194
				13.57740	31.72400	85.00000	0.0	0.0	0.99498
				14.33170	31.72400	85.00000	0.20190	0.020190	1.1872
				15.08600	31.72400	85.00000	0.52967	0.052967	1.3703
				15.84030	31.72400	85.00000	0.90185	0.090185	1.5504

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B2							Job No.		Sheet No.		Rev.	
							3500					
							Drg. Ref.					
							Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz			
				[m]	[m]	[m]	[mm]	[mm]	[mm]			
				16.59460	31.72400	85.00000	1.2726	0.12726	1.7373	*		
				17.34890	31.72400	85.00000	1.6428	0.16428	1.9394	*		
				18.10320	31.72400	85.00000	2.0130	0.20130	2.1633	*		
				18.85750	31.72400	85.00000	2.3841	0.23841	2.4136	*		
				19.61180	31.72400	85.00000	2.7568	0.27568	2.6938	*		
				20.36610	31.72400	85.00000	3.1318	0.31318	3.0056	*		
				21.12040	31.72400	85.00000	3.5099	0.35099	3.3493	*		
				21.87470	31.72400	85.00000	3.8918	0.38918	3.7239	*		
				22.62900	31.72400	85.00000	4.2783	0.42783	4.1271	*		
				23.38330	31.72400	85.00000	4.6701	0.46701	4.5556	*		
				24.13760	31.72400	85.00000	5.0680	0.50680	5.0051	*		
				24.89190	31.72400	85.00000	5.4727	0.54727	5.4707	*		
				25.64620	31.72400	85.00000	5.8849	0.58849	5.9470	*		
				26.40050	31.72400	85.00000	6.2975	0.64747	6.4303	*		
				27.15480	31.72400	85.00000	6.6878	0.76419	6.9176	*		
				27.90910	31.72400	85.00000	7.0610	0.91552	7.4009	*		
				28.66340	31.72400	85.00000	7.4010	1.1206	7.8812	*		
				29.41770	31.72400	85.00000	7.6769	1.4154	8.3717	*		
				30.17200	31.72400	85.00000	7.8216	1.8770	8.9224	*		
				30.92630	31.72400	85.00000	7.6643	2.7000	9.8648	*		
				31.68060	31.72400	85.00000	6.6996	4.5474	10.752	*		
				32.43490	31.72400	85.00000	5.2124	8.8384	11.442	*		
				33.18920	31.72400	85.00000	5.7614	9.7694	11.889	*		
				33.94350	31.72400	85.00000	Point lies within an excavation.				*	
				34.69780	31.72400	85.00000	Point lies within an excavation.				*	
				35.45210	31.72400	85.00000	Point lies within an excavation.				*	
				36.20640	31.72400	85.00000	Point lies within an excavation.				*	
				36.96070	31.72400	85.00000	Point lies within an excavation.				*	
				37.71500	31.72400	85.00000	Point lies within an excavation.				*	
				38.46930	31.72400	85.00000	Point lies within an excavation.				*	
				39.22360	31.72400	85.00000	Point lies within an excavation.				*	
				39.97790	31.72400	85.00000	Point lies within an excavation.				*	
				40.73220	31.72400	85.00000	Point lies within an excavation.				*	
				41.48650	31.72400	85.00000	Point lies within an excavation.				*	
				42.24080	31.72400	85.00000	Point lies within an excavation.				*	
				42.99510	31.72400	85.00000	Point lies within an excavation.				*	
				43.74940	31.72400	85.00000	-10.105	5.2323	11.747	*		
				44.50370	31.72400	85.00000	-9.9817	5.1684	11.861	*		
				45.25800	31.72400	85.00000	-9.5199	4.9293	11.454	*		
				46.01230	31.72400	85.00000	-8.8917	4.6040	10.157	*		
				46.76660	31.72400	85.00000	-8.2879	4.2914	9.3349	*		
				47.52090	31.72400	85.00000	-7.7080	3.9911	8.6758	*		
				48.27520	31.72400	85.00000	-7.2434	3.3752	8.0938	*		
				49.02950	31.72400	85.00000	-6.8521	2.6751	7.5606	*		
				49.78380	31.72400	85.00000	-6.4523	2.1591	7.0425	*		
				50.53810	31.72400	85.00000	-6.0507	1.7663	6.5326	*		
				51.29240	31.72400	85.00000	-5.6510	1.4595	6.0306	*		
				52.04670	31.72400	85.00000	-5.2553	1.2144	5.5392	*		
				52.80100	31.72400	85.00000	-4.8647	1.0153	5.0625	*		
				53.55530	31.72400	85.00000	-4.4822	0.85137	4.6062	*		
				54.30960	31.72400	85.00000	-4.1225	0.71774	4.1809	*		
				55.06390	31.72400	85.00000	-3.7628	0.60430	3.7785	*		
				55.81820	31.72400	85.00000	-3.4039	0.50702	3.4028	*		
				56.57250	31.72400	85.00000	-3.0463	0.42285	3.0569	*		
				57.32680	31.72400	85.00000	-2.6902	0.34943	2.7421	*		
				58.08110	31.72400	85.00000	-2.3355	0.28490	2.4586	*		
				58.83540	31.72400	85.00000	-1.9822	0.22782	2.2048	*		
				59.58970	31.72400	85.00000	-1.6300	0.17699	1.9780	*		
				60.34400	31.72400	85.00000	-1.2784	0.13146	1.7735	*		
				61.09830	31.72400	85.00000	-0.92716	0.090442	1.5854	*		
				61.85260	31.72400	85.00000	-0.57567	0.053282	1.4059	*		
				62.60690	31.72400	85.00000	-0.23886	0.020858	1.2259	*		
				63.36120	31.72400	85.00000	-0.012522	0.0010439	1.0344	*		
				64.11550	31.72400	85.00000	0.0	0.0	0.87543	*		
				64.86980	31.72400	85.00000	0.0	0.0	0.72304	*		
				65.62410	31.72400	85.00000	0.0	0.0	0.57106	*		
				66.37840	31.72400	85.00000	0.0	0.0	0.41941	*		
				67.13270	31.72400	85.00000	0.0	0.0	0.26804	*		
				67.88700	31.72400	85.00000	0.0	0.0	0.11688	*		
				68.64130	31.72400	85.00000	0.0	0.0	-0.0097596	*		
				69.39560	31.72400	85.00000	0.0	0.0	-0.010111	*		
				70.14990	31.72400	85.00000	0.0	0.0	-0.010332	*		
				70.90420	31.72400	85.00000	0.0	0.0	-0.010447	*		
				71.65850	31.72400	85.00000	0.0	0.0	-0.010476	*		
				72.41280	31.72400	85.00000	0.0	0.0	-0.010438	*		
				73.16710	31.72400	85.00000	0.0	0.0	-0.010345	*		
				73.92140	31.72400	85.00000	0.0	0.0	-0.010209	*		
				74.67570	31.72400	85.00000	0.0	0.0	-0.010041	*		
				75.43000	31.72400	85.00000	0.0	0.0	-0.0098462	*		
				0.00000	32.44500	85.00000	0.0	0.0	-0.0096002	*		
				0.75430	32.44500	85.00000	0.0	0.0	-0.0098211	*		
				1.50860	32.44500	85.00000	0.0	0.0	-0.010025	*		
				2.26290	32.44500	85.00000	0.0	0.0	-0.010205	*		
				3.01720	32.44500	85.00000	0.0	0.0	-0.010355	*		
				3.77150	32.44500	85.00000	0.0	0.0	-0.010466	*		
				4.52580	32.44500	85.00000	0.0	0.0	-0.010527	*		
				5.28010	32.44500	85.00000	0.0	0.0	-0.010525	*		
				6.03440	32.44500	85.00000	0.0	0.0	-0.010445	*		
				6.78870	32.44500	85.00000	0.0	0.0	-0.010266	*		
				7.54300	32.44500	85.00000	0.0	0.0	-0.0099664	*		
				8.29730	32.44500	85.00000	0.0	0.0	-0.0095163	*		
				9.05160	32.44500	85.00000	0.0	0.0	0.098344	*		
				9.80590	32.44500	85.00000	0.0	0.0	0.24932	*		
				10.56020	32.44500	85.00000	0.0	0.0	0.40057	*		
				11.31450	32.44500	85.00000	0.0	0.0	0.55217	*		
				12.06880	32.44500	85.00000	0.0	0.0	0.70419	*		
				12.82310	32.44500	85.00000	0.0	0.0	0.85673	*		
				13.57740	32.44500	85.00000	0.0	0.0	1.0099	*		
				14.33170	32.44500	85.00000	0.23665	0.023665	1.2076	*		
				15.08600	32.44500	85.00000	0.58920	0.058920	1.3915	*		
				15.84030	32.44500	85.00000	0.97365	0.097365	1.5732	*		
				16.59460	32.44500	85.00000	1.3568	0.13568	1.7631	*		
				17.34890	32.44500	85.00000	1.7393	0.17393	1.9696	*		
				18.10320	32.44500	85.00000						

 A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B2 Job No. 3500 Sheet No. Rev.									
Drg. Ref.									
Made by PES					Date 01-Nov-2024		Checked		Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				38.46930	32.44500	85.00000	Point lies within an excavation.	*	
				39.22360	32.44500	85.00000	Point lies within an excavation.	*	
				39.97790	32.44500	85.00000	Point lies within an excavation.	*	
				40.73220	32.44500	85.00000	Point lies within an excavation.	*	
				41.48650	32.44500	85.00000	Point lies within an excavation.	*	
				42.24080	32.44500	85.00000	Point lies within an excavation.	*	
				42.99510	32.44500	85.00000	Point lies within an excavation.	*	
				43.74940	32.44500	85.00000	Point lies within an excavation.	*	
				44.50370	32.44500	85.00000	-10.080 5.2192 11.903	*	
				45.25800	32.44500	85.00000	-9.4297 4.8826 11.576	*	
				46.01230	32.44500	85.00000	-8.8047 4.5589 10.456	*	
				46.76660	32.44500	85.00000	-8.2885 3.7739 9.4042	*	
				47.52090	32.44500	85.00000	-7.8852 2.6944 8.7060	*	
				48.27520	32.44500	85.00000	-7.4596 2.0229 8.1302	*	
				49.02950	32.44500	85.00000	-7.0282 1.5705 7.5974	*	
				49.78380	32.44500	85.00000	-6.6035 1.2487 7.0842	*	
				50.53810	32.44500	85.00000	-6.2244 1.0173 6.6051	*	
				51.29240	32.44500	85.00000	-5.8375 0.83883 6.1217	*	
				52.04670	32.44500	85.00000	-5.4477 0.69751 5.6396	*	
				52.80100	32.44500	85.00000	-5.0582 0.58329 5.1650	*	
				53.55530	32.44500	85.00000	-4.6707 0.48939 4.7043	*	
				54.30960	32.44500	85.00000	-4.2861 0.41109 4.2635	*	
				55.06390	32.44500	85.00000	-3.9051 0.34499 3.8475	*	
				55.81820	32.44500	85.00000	-3.5278 0.28860 3.4601	*	
				56.57250	32.44500	85.00000	-3.1542 0.24005 3.1041	*	
				57.32680	32.44500	85.00000	-2.7840 0.19791 2.7808	*	
				58.08110	32.44500	85.00000	-2.4170 0.16105 2.4902	*	
				58.83540	32.44500	85.00000	-2.0526 0.12858 2.2308	*	
				59.58970	32.44500	85.00000	-1.6905 0.099818 1.9994	*	
				60.34400	32.44500	85.00000	-1.3301 0.074174 1.7916	*	
				61.09830	32.44500	85.00000	-0.97083 0.051195 1.6012	*	
				61.85260	32.44500	85.00000	-0.61209 0.030464 1.4203	*	
				62.60690	32.44500	85.00000	-0.25966 0.012021 1.2398	*	
				63.36120	32.44500	85.00000	-0.028562 0.0012589 1.0485	*	
				64.11550	32.44500	85.00000	0.0 0.0 0.88566	*	
				64.86980	32.44500	85.00000	0.0 0.0 0.73282	*	
				65.62410	32.44500	85.00000	0.0 0.0 0.58044	*	
				66.37840	32.44500	85.00000	0.0 0.0 0.42843	*	
				67.13270	32.44500	85.00000	0.0 0.0 0.27673	*	
				67.88700	32.44500	85.00000	0.0 0.0 0.12526	*	
				68.64130	32.44500	85.00000	0.0 0.0 -0.0097133	*	
				69.39560	32.44500	85.00000	0.0 0.0 -0.010083	*	
				70.14990	32.44500	85.00000	0.0 0.0 -0.010317	*	
				70.90420	32.44500	85.00000	0.0 0.0 -0.010442	*	
				71.65850	32.44500	85.00000	0.0 0.0 -0.010480	*	
				72.41280	32.44500	85.00000	0.0 0.0 -0.010448	*	
				73.16710	32.44500	85.00000	0.0 0.0 -0.010360	*	
				73.92140	32.44500	85.00000	0.0 0.0 -0.010228	*	
				74.67570	32.44500	85.00000	0.0 0.0 -0.010061	*	
				75.43000	32.44500	85.00000	0.0 0.0 -0.0098685	*	
				0.00000	33.16600	85.00000	0.0 0.0 -0.0096195	*	
				0.75430	33.16600	85.00000	0.0 0.0 -0.0098394	*	
				1.50860	33.16600	85.00000	0.0 0.0 -0.010041	*	
				2.26290	33.16600	85.00000	0.0 0.0 -0.010220	*	
				3.01720	33.16600	85.00000	0.0 0.0 -0.010366	*	
				3.77150	33.16600	85.00000	0.0 0.0 -0.010473	*	
				4.52580	33.16600	85.00000	0.0 0.0 -0.010528	*	
				5.28010	33.16600	85.00000	0.0 0.0 -0.010519	*	
				6.03440	33.16600	85.00000	0.0 0.0 -0.010429	*	
				6.78870	33.16600	85.00000	0.0 0.0 -0.010238	*	
				7.54300	33.16600	85.00000	0.0 0.0 -0.0099213	*	
				8.29730	33.16600	85.00000	0.0 0.0 -0.0094504	*	
				9.05160	33.16600	85.00000	0.0 0.0 0.11279	*	
				9.80590	33.16600	85.00000	0.0 0.0 0.26379	*	
				10.56020	33.16600	85.00000	0.0 0.0 0.41509	*	
				11.31450	33.16600	85.00000	0.0 0.0 0.56674	*	
				12.06880	33.16600	85.00000	0.0 0.0 0.71883	*	
				12.82310	33.16600	85.00000	0.0 0.0 0.87145	*	
				13.57740	33.16600	85.00000	0.0040474 404.74E-6 1.0295	*	
				14.33170	33.16600	85.00000	0.27375 0.027375 1.2281	*	
				15.08600	33.16600	85.00000	0.65109 0.065109 1.4127	*	
				15.84030	33.16600	85.00000	1.0478 0.10478 1.5962	*	
				16.59460	33.16600	85.00000	1.4433 0.14433 1.7891	*	
				17.34890	33.16600	85.00000	1.8383 0.18383 2.0003	*	
				18.10320	33.16600	85.00000	2.2335 0.22335 2.2365	*	
				18.85750	33.16600	85.00000	2.6297 0.26297 2.5029	*	
				19.61180	33.16600	85.00000	3.0277 0.30277 2.8028	*	
				20.36610	33.16600	85.00000	3.4281 0.34281 3.1379	*	
				21.12040	33.16600	85.00000	3.8318 0.38318 3.5083	*	
				21.87470	33.16600	85.00000	4.2394 0.42394 3.9126	*	
				22.62900	33.16600	85.00000	4.6517 0.46517 4.3483	*	
				23.38330	33.16600	85.00000	5.0695 0.50695 4.8115	*	
				24.13760	33.16600	85.00000	5.4935 0.54935 5.2975	*	
				24.89190	33.16600	85.00000	5.9244 0.59244 5.8008	*	
				25.64620	33.16600	85.00000	6.3630 0.63630 6.3157	*	
				26.40050	33.16600	85.00000	6.8101 0.68101 6.8370	*	
				27.15480	33.16600	85.00000	7.2663 0.72663 7.3606	*	
				27.90910	33.16600	85.00000	7.7325 0.77325 7.8857	*	
				28.66340	33.16600	85.00000	8.2093 0.82093 8.4186	*	
				29.41770	33.16600	85.00000	8.6976 0.86976 8.9818	*	
				30.17200	33.16600	85.00000	9.1980 0.91980 9.6462	*	
				30.92630	33.16600	85.00000	9.7113 0.97113 10.921	*	
				31.68060	33.16600	85.00000	10.238 1.0238 11.623	*	
				32.43490	33.16600	85.00000	10.780 1.0780 11.746	*	
				33.18920	33.16600	85.00000	Point lies within an excavation.	*	
				33.94350	33.16600	85.00000	Point lies within an excavation.	*	
				34.69780	33.16600	85.00000	Point lies within an excavation.	*	
				35.45210	33.16600	85.00000	Point lies within an excavation.	*	
				36.20640	33.16600	85.00000	Point lies within an excavation.	*	
				36.96070	33.16600	85.00000	Point lies within an excavation.	*	
				37.71500	33.16600	85.00000	Point lies within an excavation.	*	
				38.46930	33.16600	85.00000	Point lies within an excavation.	*	
				39.22360	33.16600	85.00000	Point lies within an excavation.	*	
				39.97790	33.16600	85.00000	Point lies within an excavation.	*	
				40.73220	33.16600	85.00000	Point lies within an excavation.	*	
				41.48650	33.16600	85.00000	Point lies within an excavation.	*	
				42.24080	33.16600	85.00000	Point lies within an excavation.	*	
				42.99510	33.16600	85.00000	Point lies within an excavation.	*	
				43.74940	33.16600	85.00000	Point lies within an excavation.	*	
				44.50370	33.16600	85.00000	-9.9778 5.1664 11.771	*	
				45.25800	33.16600	85.00000	-9.4282 3.7349 11.501	*	
				46.01230	33.16600	85.00000	-9.0507 1.6634 10.800	*	
				46.76660	33.16600	85.00000	-8.7369 1.0179 9.4895	*	
				47.52090	33.16600	85.00000	-8.3250 0.70231 8.8168	*	
				48.27520	33.16600	85.00000	-7.8831 0.51674 8.2734	*	
				49.02950	33.16600	85.00000	-7.4330 0.39548 7.7615	*	
				49.78380	33.16600	85.00000	-6.9838 0.31063 7.2550	*	
				50.53810	33.16600	85.00000	-6.5393 0.24837 6.7476	*	
				51.29240	33.16600	85.00000	-6.1014 0.20107 6.2406	*	
				52.04670	33.16600	85.00000	-5.6710 0.16417 5.7384	*	
				52.80100	33.16600	85.00000	-5.2484 0.13478 5.2469	*	
				53.55530	33.16600	85.00000	-4.8334 0.11098 4.7718	*	
				54.30960	33.16600	85.00000	-4.4258 0.091443 4.3188	*	
				55.06390	33.16600	85.00000	-4.0251 0.075237 3.8924	*	
				55.81820	33.16600	85.00000	-3.6309 0.061668 3.4964	*	
				56.57250	33.16600	85.00000	-3.2425 0.050221 3.1332	*	
				57.32680	33.16600	85.00000	-2.8595 0.040502 2.8040	*	
				58.08110	33.16600	85.00000	-2.4810 0.032208 2.5086	*	
				58.83540	33.16600	85.00000	-2.1066 0.025097 2.2455	*	
				59.58970	33.16600	85.00000	-1.7354 0.018980 2.01		



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				60.34400	33.16600	85.00000	-1.3669	0.013702	1.8013
				61.09830	33.16600	85.00000	-1.0003	0.0091374	1.6094
				61.85260	33.16600	85.00000	-0.63485	0.0051828	1.4277
				62.60690	33.16600	85.00000	-0.27211	0.0017776	1.2467
				63.36120	33.16600	85.00000	-0.036537	217.68E-6	1.0552
				64.11550	33.16600	85.00000	0.0	0.0	0.89053
				64.86980	33.16600	85.00000	0.0	0.0	0.73745
				65.62410	33.16600	85.00000	0.0	0.0	0.58487
				66.37840	33.16600	85.00000	0.0	0.0	0.43267
				67.13270	33.16600	85.00000	0.0	0.0	0.28080
				67.88700	33.16600	85.00000	0.0	0.0	0.12918
				68.64130	33.16600	85.00000	0.0	0.0	-0.0096756
				69.39560	33.16600	85.00000	0.0	0.0	-0.010060
				70.14990	33.16600	85.00000	0.0	0.0	-0.010305
				70.90420	33.16600	85.00000	0.0	0.0	-0.010439
				71.65850	33.16600	85.00000	0.0	0.0	-0.010484
				72.41280	33.16600	85.00000	0.0	0.0	-0.010456
				73.16710	33.16600	85.00000	0.0	0.0	-0.010372
				73.92140	33.16600	85.00000	0.0	0.0	-0.010243
				74.67570	33.16600	85.00000	0.0	0.0	-0.010078
				75.43000	33.16600	85.00000	0.0	0.0	-0.009869
				0.00000	33.88700	85.00000	0.0	0.0	-0.0096347
				0.75430	33.88700	85.00000	0.0	0.0	-0.0098536
				1.50860	33.88700	85.00000	0.0	0.0	-0.010054
				2.26290	33.88700	85.00000	0.0	0.0	-0.010231
				3.01720	33.88700	85.00000	0.0	0.0	-0.010375
				3.77150	33.88700	85.00000	0.0	0.0	-0.010478
				4.52580	33.88700	85.00000	0.0	0.0	-0.010528
				5.28010	33.88700	85.00000	0.0	0.0	-0.010513
				6.03440	33.88700	85.00000	0.0	0.0	-0.010444
				6.78870	33.88700	85.00000	0.0	0.0	-0.010213
				7.54300	33.88700	85.00000	0.0	0.0	-0.0098830
				8.29730	33.88700	85.00000	0.0	0.0	-0.0093950
				9.05160	33.88700	85.00000	0.0	0.0	0.12721
				9.80590	33.88700	85.00000	0.0	0.0	0.27825
				10.56020	33.88700	85.00000	0.0	0.0	0.42958
				11.31450	33.88700	85.00000	0.0	0.0	0.58128
				12.06880	33.88700	85.00000	0.0	0.0	0.73342
				12.82310	33.88700	85.00000	0.0	0.0	0.88612
				13.57740	33.88700	85.00000	0.030720	0.0030720	1.0498
				14.33170	33.88700	85.00000	0.30960	0.030960	1.2480
				15.08600	33.88700	85.00000	0.71294	0.071294	1.4337
				15.84030	33.88700	85.00000	1.1244	0.11244	1.6193
				16.59460	33.88700	85.00000	1.5322	0.15322	1.8155
				17.34890	33.88700	85.00000	1.9396	0.19396	2.0314
				18.10320	33.88700	85.00000	2.3473	0.23473	2.2742
				18.85750	33.88700	85.00000	2.7561	0.27561	2.5489
				19.61180	33.88700	85.00000	3.1667	0.31667	2.8589
				20.36610	33.88700	85.00000	3.5799	0.35799	3.2058
				21.12040	33.88700	85.00000	3.9963	0.39963	3.5896
				21.87470	33.88700	85.00000	4.4168	0.44168	4.0088
				22.62900	33.88700	85.00000	4.8420	0.48420	4.4604
				23.38330	33.88700	85.00000	5.2728	0.52728	4.9405
				24.13760	33.88700	85.00000	5.7099	0.57099	5.4438
				24.89190	33.88700	85.00000	6.1539	0.61539	5.9647
				25.64620	33.88700	85.00000	6.6058	0.66058	6.4972
				26.40050	33.88700	85.00000	7.0661	0.70661	7.0358
				27.15480	33.88700	85.00000	7.5357	0.75357	7.5762
				27.90910	33.88700	85.00000	8.0153	0.80153	8.1180
				28.66340	33.88700	85.00000	8.5056	0.85056	8.6679
				29.41770	33.88700	85.00000	9.0075	0.90075	9.2503
				30.17200	33.88700	85.00000	9.5215	0.95215	9.9433
				30.92630	33.88700	85.00000	10.049	1.0049	11.268
				31.68060	33.88700	85.00000	10.589	1.0589	11.879
				32.43490	33.88700	85.00000	11.145	1.1145	11.940
				33.18920	33.88700	85.00000	Point lies within an excavation.		
				33.94350	33.88700	85.00000	Point lies within an excavation.		
				34.69780	33.88700	85.00000	Point lies within an excavation.		
				35.45210	33.88700	85.00000	Point lies within an excavation.		
				36.20640	33.88700	85.00000	Point lies within an excavation.		
				36.96070	33.88700	85.00000	Point lies within an excavation.		
				37.71500	33.88700	85.00000	Point lies within an excavation.		
				38.46930	33.88700	85.00000	Point lies within an excavation.		
				39.22360	33.88700	85.00000	Point lies within an excavation.		
				39.97790	33.88700	85.00000	Point lies within an excavation.		
				40.73220	33.88700	85.00000	Point lies within an excavation.		
				41.48650	33.88700	85.00000	Point lies within an excavation.		
				42.24080	33.88700	85.00000	Point lies within an excavation.		
				42.99510	33.88700	85.00000	Point lies within an excavation.		
				43.74940	33.88700	85.00000	Point lies within an excavation.		
				44.50370	33.88700	85.00000	Point lies within an excavation.		
				45.25800	33.88700	85.00000	-10.614	-1.0521	11.737
				46.01230	33.88700	85.00000	-10.022	-0.99353	11.146
				46.76660	33.88700	85.00000	-9.4495	-0.93673	9.7756
				47.52090	33.88700	85.00000	-8.8940	-0.88166	9.0542
				48.27520	33.88700	85.00000	-8.3551	-0.82824	8.4647
				49.02950	33.88700	85.00000	-7.8320	-0.77639	7.9142
				49.78380	33.88700	85.00000	-7.3094	-0.64946	7.3753
				50.53810	33.88700	85.00000	-6.8062	-0.53540	6.8423
				51.29240	33.88700	85.00000	-6.3231	-0.44710	6.3149
				52.04670	33.88700	85.00000	-5.8567	-0.37676	5.7965
				52.80100	33.88700	85.00000	-5.4048	-0.31943	5.2918
				53.55530	33.88700	85.00000	-4.9656	-0.27182	4.8062
				54.30960	33.88700	85.00000	-4.5376	-0.23163	4.3447
				55.06390	33.88700	85.00000	-4.1196	-0.19725	3.9116
				55.81820	33.88700	85.00000	-3.7105	-0.16748	3.5103
				56.57250	33.88700	85.00000	-3.3091	-0.14143	3.1430
				57.32680	33.88700	85.00000	-2.9147	-0.11841	2.8108
				58.08110	33.88700	85.00000	-2.5262	-0.097894	2.5132
				58.83540	33.88700	85.00000	-2.1428	-0.079460	2.2484
				59.58970	33.88700	85.00000	-1.7636	-0.062772	2.0131
				60.34400	33.88700	85.00000	-1.3878	-0.047558	1.8025
				61.09830	33.88700	85.00000	-1.0146	-0.033595	1.6101
				61.85260	33.88700	85.00000	-0.64322	-0.020698	1.4280
				62.60690	33.88700	85.00000	-0.27568	-0.0087932	1.2466
				63.36120	33.88700	85.00000	-0.035978	-0.0011130	1.0546
				64.11550	33.88700	85.00000	0.0	0.0	0.89001
				64.86980	33.88700	85.00000	0.0	0.0	0.73692
				65.62410	33.88700	85.00000	0.0	0.0	0.58432
				66.37840	33.88700	85.00000	0.0	0.0	0.43212
				67.13270	33.88700	85.00000	0.0	0.0	0.28024
				67.88700	33.88700	85.00000	0.0	0.0	0.12863
				68.64130	33.88700	85.00000	0.0	0.0	-0.0096475
				69.39560	33.88700	85.00000	0.0	0.0	-0.010043
				70.14990	33.88700	85.00000	0.0	0.0	-0.010297
				70.90420	33.88700	85.00000	0.0	0.0	-0.010438
				71.65850	33.88700	85.00000	0.0	0.0	-0.010487
				72.41280	33.88700	85.00000	0.0	0.0	-0.010464
				73.16710	33.88700	85.00000	0.0	0.0	-0.010382
				73.92140	33.88700	85.00000	0.0	0.0	-0.010255
				74.67570	33.88700	85.00000	0.0	0.0	-0.010092
				75.43000	33.88700	85.00000	0.0	0.0	-0.0099014
				0.00000	34.60800	85.00000	0.0	0.0	-0.0096456
				0.75430	34.60800	85.00000	0.0	0.0	-0.0098639
				1.50860	34.60800	85.00000	0.0	0.0	-0.010063
				2.26290	34.60800	85.00000	0.0	0.0	-0.010238
				3.01720	34.60800	85.00000	0.0	0.0	-0.010380
				3.77150	34.60800	85.00000	0.0	0.0	-0.010481
				4.52580	34.60800	85.00000	0.0	0.0	-0.010527
				5.28010	34.60800	85.00000	0.0	0.0	-0.010507



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz		
				[m]	[m]	[m]	[mm]	[mm]	[mm]		
				6.03440	34.60800	85.00000	0.0	0.0	-0.010402	*	
				6.78870	34.60800	85.00000	0.0	0.0	-0.010193	*	
				7.54300	34.60800	85.00000	0.0	0.0	-0.0098526	*	
				8.29730	34.60800	85.00000	0.0	0.0	-0.0091918	*	
				9.05160	34.60800	85.00000	0.0	0.0	0.14162	*	
				9.80590	34.60800	85.00000	0.0	0.0	0.29268	*	
				10.56020	34.60800	85.00000	0.0	0.0	0.44404	*	
				11.31450	34.60800	85.00000	0.0	0.0	0.59577	*	
				12.06880	34.60800	85.00000	0.0	0.0	0.74796	*	
				12.82310	34.60800	85.00000	0.0	0.0	0.90071	*	
				13.57740	34.60800	85.00000	0.055656	0.0055656	1.0692	*	
				14.33170	34.60800	85.00000	0.33045	0.033045	1.2644	*	
				15.08600	34.60800	85.00000	0.73480	0.073480	1.4487	*	
				15.84030	34.60800	85.00000	1.1415	0.11415	1.6346	*	
				16.59460	34.60800	85.00000	1.5514	0.15514	1.8325	*	
				17.34890	34.60800	85.00000	1.9651	0.19651	2.0514	*	
				18.10320	34.60800	85.00000	2.3835	0.23835	2.2986	*	
				18.85750	34.60800	85.00000	2.8072	0.28072	2.5796	*	
				19.61180	34.60800	85.00000	3.2370	0.32370	2.8985	*	
				20.36610	34.60800	85.00000	3.6737	0.36737	3.2573	*	
				21.12040	34.60800	85.00000	4.1180	0.41180	3.6568	*	
				21.87470	34.60800	85.00000	4.5706	0.45706	4.0959	*	
				22.62900	34.60800	85.00000	5.0323	0.50323	4.5723	*	
				23.38330	34.60800	85.00000	5.4786	0.54786	5.0697	*	
				24.13760	34.60800	85.00000	5.9287	0.59287	5.5897	*	
				24.89190	34.60800	85.00000	6.3859	0.63859	6.1272	*	
				25.64620	34.60800	85.00000	6.8510	0.68510	6.6758	*	
				26.40050	34.60800	85.00000	7.3246	0.73246	7.2296	*	
				27.15480	34.60800	85.00000	7.8076	0.78076	7.7844	*	
				27.90910	34.60800	85.00000	8.3006	0.83006	8.3394	*	
				28.66340	34.60800	85.00000	8.8044	0.88044	8.9018	*	
				29.41770	34.60800	85.00000	9.3198	0.93198	9.4979	*	
				30.17200	34.60800	85.00000	9.8475	0.98475	10.214	*	
				30.92630	34.60800	85.00000	10.388	1.0388	11.555	*	
				31.68060	34.60800	85.00000	10.943	1.0943	12.086	*	
				32.43490	34.60800	85.00000	Point lies within an excavation.				*
				33.18920	34.60800	85.00000	Point lies within an excavation.				*
				33.94350	34.60800	85.00000	Point lies within an excavation.				*
				34.69780	34.60800	85.00000	Point lies within an excavation.				*
				35.45210	34.60800	85.00000	Point lies within an excavation.				*
				36.20640	34.60800	85.00000	Point lies within an excavation.				*
				36.96070	34.60800	85.00000	Point lies within an excavation.				*
				37.71500	34.60800	85.00000	Point lies within an excavation.				*
				38.46930	34.60800	85.00000	Point lies within an excavation.				*
				39.22360	34.60800	85.00000	Point lies within an excavation.				*
				39.97790	34.60800	85.00000	Point lies within an excavation.				*
				40.73220	34.60800	85.00000	Point lies within an excavation.				*
				41.48650	34.60800	85.00000	Point lies within an excavation.				*
				42.24080	34.60800	85.00000	Point lies within an excavation.				*
				42.99510	34.60800	85.00000	Point lies within an excavation.				*
				43.74940	34.60800	85.00000	Point lies within an excavation.				*
				44.50370	34.60800	85.00000	-11.379	-1.1280	12.025	*	
				45.25800	34.60800	85.00000	-10.762	-1.0668	11.912	*	
				46.01230	34.60800	85.00000	-10.164	-1.0076	11.267	*	
				46.76660	34.60800	85.00000	-9.5844	-0.95011	9.9069	*	
				47.52090	34.60800	85.00000	-9.0220	-0.89435	9.1863	*	
				48.27520	34.60800	85.00000	-8.4761	-0.84024	8.5822	*	
				49.02950	34.60800	85.00000	-7.9460	-0.78769	8.0146	*	
				49.78380	34.60800	85.00000	-7.4311	-0.73664	7.4591	*	
				50.53810	34.60800	85.00000	-6.9304	-0.68702	6.9089	*	
				51.29240	34.60800	85.00000	-6.4434	-0.63874	6.3650	*	
				52.04670	34.60800	85.00000	-5.9692	-0.59173	5.8315	*	
				52.80100	34.60800	85.00000	-5.5071	-0.54592	5.3138	*	
				53.55530	34.60800	85.00000	-5.0564	-0.50124	4.8174	*	
				54.30960	34.60800	85.00000	-4.6163	-0.45761	4.3474	*	
				55.06390	34.60800	85.00000	-4.1860	-0.41496	3.9081	*	
				55.81820	34.60800	85.00000	-3.7649	-0.37321	3.5027	*	
				56.57250	34.60800	85.00000	-3.3522	-0.32958	3.1332	*	
				57.32680	34.60800	85.00000	-2.9482	-0.27439	2.8009	*	
				58.08110	34.60800	85.00000	-2.5512	-0.22550	2.5037	*	
				58.83540	34.60800	85.00000	-2.1601	-0.18187	2.2395	*	
				59.58970	34.60800	85.00000	-1.7741	-0.14266	2.0050	*	
				60.34400	34.60800	85.00000	-1.3920	-0.10719	1.7950	*	
				61.09830	34.60800	85.00000	-1.0132	-0.074890	1.6031	*	
				61.85260	34.60800	85.00000	-0.63654	-0.045301	1.4212	*	
				62.60690	34.60800	85.00000	-0.26988	-0.018607	1.2394	*	
				63.36120	34.60800	85.00000	-0.026451	-0.0017604	1.0466	*	
				64.11550	34.60800	85.00000	0.0	0.0	0.88412	*	
				64.86980	34.60800	85.00000	0.0	0.0	0.73122	*	
				65.62410	34.60800	85.00000	0.0	0.0	0.57880	*	
				66.37840	34.60800	85.00000	0.0	0.0	0.42677	*	
				67.13270	34.60800	85.00000	0.0	0.0	0.27506	*	
				67.88700	34.60800	85.00000	0.0	0.0	0.12360	*	
				68.64130	34.60800	85.00000	0.0	0.0	-0.0096297	*	
				69.39560	34.60800	85.00000	0.0	0.0	-0.010032	*	
				70.14990	34.60800	85.00000	0.0	0.0	-0.010292	*	
				70.90420	34.60800	85.00000	0.0	0.0	-0.010438	*	
				71.65850	34.60800	85.00000	0.0	0.0	-0.010491	*	
				72.41280	34.60800	85.00000	0.0	0.0	-0.010470	*	
				73.16710	34.60800	85.00000	0.0	0.0	-0.010390	*	
				73.92140	34.60800	85.00000	0.0	0.0	-0.010264	*	
				74.67570	34.60800	85.00000	0.0	0.0	-0.010102	*	
				75.43000	34.60800	85.00000	0.0	0.0	-0.0099123	*	
				0.00000	35.32900	85.00000	0.0	0.0	-0.0096525	*	
				0.75430	35.32900	85.00000	0.0	0.0	-0.0098702	*	
				1.50860	35.32900	85.00000	0.0	0.0	-0.010069	*	
				2.26290	35.32900	85.00000	0.0	0.0	-0.010243	*	
				3.01720	35.32900	85.00000	0.0	0.0	-0.010383	*	
				3.77150	35.32900	85.00000	0.0	0.0	-0.010482	*	
				4.52580	35.32900	85.00000	0.0	0.0	-0.010526	*	
				5.28010	35.32900	85.00000	0.0	0.0	-0.010502	*	
				6.03440	35.32900	85.00000	0.0	0.0	-0.010393	*	
				6.78870	35.32900	85.00000	0.0	0.0	-0.010178	*	
				7.54300	35.32900	85.00000	0.0	0.0	-0.0098308	*	
				8.29730	35.32900	85.00000	0.0	0.0	0.0051876	*	
				9.05160	35.32900	85.00000	0.0	0.0	0.15601	*	
				9.80590	35.32900	85.00000	0.0	0.0	0.30708	*	
				10.56020	35.32900	85.00000	0.0	0.0	0.45846	*	
				11.31450	35.32900	85.00000	0.0	0.0	0.61022	*	
				12.06880	35.32900	85.00000	0.0	0.0	0.76244	*	
				12.82310	35.32900	85.00000	0.0	0.0	0.91523	*	
				13.57740	35.32900	85.0					

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B2										Job No.	Sheet No.	Rev.	
										3500			
										Drg. Ref.			
Made by PES	Date 01-Nov-2024	Checked	Date										
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz				
				[m]	[m]	[m]	[mm]	[mm]	[mm]				
				27.90910	35.32900	85.00000	8.4800	0.84800	8.4814				
				28.66340	35.32900	85.00000	9.0347	0.90347	9.0767				
				29.41770	35.32900	85.00000	9.6053	0.96053	9.7080				
				30.17200	35.32900	85.00000	10.1775	1.01775	10.461				
				30.92630	35.32900	85.00000	10.731	1.0731	11.795				
				31.68060	35.32900	85.00000	11.299	1.1299	12.248				
				32.43490	35.32900	85.00000	Point lies within an excavation.						
				33.18920	35.32900	85.00000	Point lies within an excavation.						
				33.94350	35.32900	85.00000	Point lies within an excavation.						
				34.69780	35.32900	85.00000	Point lies within an excavation.						
				35.45210	35.32900	85.00000	Point lies within an excavation.						
				36.20640	35.32900	85.00000	Point lies within an excavation.						
				36.96070	35.32900	85.00000	Point lies within an excavation.						
				37.71500	35.32900	85.00000	Point lies within an excavation.						
				38.46930	35.32900	85.00000	Point lies within an excavation.						
				39.22360	35.32900	85.00000	Point lies within an excavation.						
				39.97790	35.32900	85.00000	Point lies within an excavation.						
				40.73220	35.32900	85.00000	Point lies within an excavation.						
				41.48650	35.32900	85.00000	Point lies within an excavation.						
				42.24080	35.32900	85.00000	Point lies within an excavation.						
				42.99510	35.32900	85.00000	Point lies within an excavation.						
				43.74940	35.32900	85.00000	Point lies within an excavation.						
				44.50370	35.32900	85.00000	-11.532	-1.1432	12.165				
				45.25800	35.32900	85.00000	-10.909	-1.0814	12.034				
				46.01230	35.32900	85.00000	-10.304	-1.0215	11.313				
				46.76660	35.32900	85.00000	-9.7178	-0.96333	9.9965				
				47.52090	35.32900	85.00000	-9.1485	-0.90689	9.2863				
				48.27520	35.32900	85.00000	-8.5956	-0.85209	8.6763				
				49.02950	35.32900	85.00000	-8.0585	-0.79885	8.0979				
				49.78380	35.32900	85.00000	-7.5364	-0.74709	7.5299				
				50.53810	35.32900	85.00000	-7.0286	-0.69675	6.9671				
				51.29240	35.32900	85.00000	-6.5343	-0.64775	6.4109				
				52.04670	35.32900	85.00000	-6.0528	-0.60002	5.8660				
				52.80100	35.32900	85.00000	-5.5833	-0.55348	5.3380				
				53.55530	35.32900	85.00000	-5.1251	-0.50805	4.8325				
				54.30960	35.32900	85.00000	-4.6775	-0.46368	4.3547				
				55.06390	35.32900	85.00000	-4.2395	-0.42027	3.9089				
				55.81820	35.32900	85.00000	-3.8108	-0.37776	3.4983				
				56.57250	35.32900	85.00000	-3.3903	-0.33608	3.1249				
				57.32680	35.32900	85.00000	-2.9773	-0.29514	2.7890				
				58.08110	35.32900	85.00000	-2.5712	-0.25488	2.4899				
				58.83540	35.32900	85.00000	-2.1711	-0.21522	2.2251				
				59.58970	35.32900	85.00000	-1.7764	-0.17609	1.9907				
				60.34400	35.32900	85.00000	-1.3862	-0.13742	1.7813				
				61.09830	35.32900	85.00000	-0.99991	-0.099121	1.5898				
				61.85260	35.32900	85.00000	-0.61668	-0.061132	1.4079				
				62.60690	35.32900	85.00000	-0.25510	-0.025288	1.2254				
				63.36120	35.32900	85.00000	-0.0075812	-751.53E-6	1.0311				
				64.11550	35.32900	85.00000	0.0	0.0	0.87287				
				64.86980	35.32900	85.00000	0.0	0.0	0.72037				
				65.62410	35.32900	85.00000	0.0	0.0	0.56832				
				66.37840	35.32900	85.00000	0.0	0.0	0.41664				
				67.13270	35.32900	85.00000	0.0	0.0	0.26526				
				67.88700	35.32900	85.00000	0.0	0.0	0.11411				
				68.64130	35.32900	85.00000	0.0	0.0	-0.0096230				
				69.39560	35.32900	85.00000	0.0	0.0	-0.010029				
				70.14990	35.32900	85.00000	0.0	0.0	-0.010292				
				70.90420	35.32900	85.00000	0.0	0.0	-0.010440				
				71.65850	35.32900	85.00000	0.0	0.0	-0.010494				
				72.41280	35.32900	85.00000	0.0	0.0	-0.010475				
				73.16710	35.32900	85.00000	0.0	0.0	-0.010396				
				73.92140	35.32900	85.00000	0.0	0.0	-0.010270				
				74.67570	35.32900	85.00000	0.0	0.0	-0.010109				
				75.43000	35.32900	85.00000	0.0	0.0	-0.0099194				
				0.00000	36.05000	85.00000	0.0	0.0	-0.0096552				
				0.75430	36.05000	85.00000	0.0	0.0	-0.0098726				
				1.50860	36.05000	85.00000	0.0	0.0	-0.010071				
				2.26290	36.05000	85.00000	0.0	0.0	-0.010244				
				3.01720	36.05000	85.00000	0.0	0.0	-0.010384				
				3.77150	36.05000	85.00000	0.0	0.0	-0.010481				
				4.52580	36.05000	85.00000	0.0	0.0	-0.010524				
				5.28010	36.05000	85.00000	0.0	0.0	-0.010499				
				6.03440	36.05000	85.00000	0.0	0.0	-0.010387				
				6.78870	36.05000	85.00000	0.0	0.0	-0.010169				
				7.54300	36.05000	85.00000	0.0	0.0	-0.0098181				
				8.29730	36.05000	85.00000	0.0	0.0	0.019554				
				9.05160	36.05000	85.00000	0.0	0.0	0.17038				
				9.80590	36.05000	85.00000	0.0	0.0	0.32146				
				10.56020	36.05000	85.00000	0.0	0.0	0.47285				
				11.31450	36.05000	85.00000	0.0	0.0	0.62462				
				12.06880	36.05000	85.00000	0.0	0.0	0.77686				
				12.82310	36.05000	85.00000	0.0	0.0	0.92967				
				13.57740	36.05000	85.00000	0.10099	0.010099	1.1061				
				14.33170	36.05000	85.00000	0.38524	0.038524	1.2959				
				15.08600	36.05000	85.00000	0.77398	0.077398	1.4779				
				15.84030	36.05000	85.00000	1.1652	0.11652	1.6634				
				16.59460	36.05000	85.00000	1.5598	0.15598	1.8621				
				17.34890	36.05000	85.00000	1.9583	0.19583	2.0821				
				18.10320	36.05000	85.00000	2.3617	0.23617	2.3300				
				18.85750	36.05000	85.00000	2.7705	0.27705	2.6108				
				19.61180	36.05000	85.00000	3.1856	0.31856	2.9279				
				20.36610	36.05000	85.00000	3.6077	0.36077	3.2833				
				21.12040	36.05000	85.00000	4.0375	0.40375	3.6774				
				21.87470	36.05000	85.00000	4.4758	0.44758	4.1090				
				22.62900	36.05000	85.00000	4.9233	0.49233	4.5757				
				23.38330	36.05000	85.00000	5.3808	0.53808	5.0739				
				24.13760	36.05000	85.00000	5.8491	0.58491	5.5987				
				24.89190	36.05000	85.00000	6.3288	0.63288	6.1447				
				25.64620	36.05000	85.00000	6.8207	0.68207	6.7058				
				26.40050	36.05000	85.00000	7.3255	0.73255	7.2764				
				27.15480	36.05000	85.00000	7.8441	0.78441	7.8525				
				27.90910	36.05000	85.00000	8.3771	0.83771	8.4339				
				28.66340	36.05000	85.00000	8.9253	0.89253	9.0288				
				29.41770	36.05000	85.00000	9.4895	0.94895	9.6678				
				30.17200	36.05000	85.00000	10.070	1.0070	10.460				
				30.92630	36.05000	85.00000	10.669	1.0669	11.813				
				31.68060	36.05000	85.00000	11.285	1.1285	12.239				
				32.43490	36.05000	85.00000	Point lies within an excavation.						
				33.18920	36.05000	85.00000	Point lies within an excavation.						
				33.94350	36.05000	85.00000	Point lies within an excavation.						
				34.69780	36.05000	85.00000	Point lies within an excavation.						
				35.45210	36.05000	85.00000	Point lies within an excavation.						
				36.20640	36.05000	85.00000	Point lies within an excavation.						
				36.96070	36.05000	85.00000	Point lies within an excavation.						
				37.71500	36.05000	85.00000	Point lies within an excavation.						
				38.46930	36.05000	85.00000	Point lies within an excavation.						
				39.22360	36.05000	85.00000	Point lies within an excavation.						
				39.97790									

Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD							Job No.		Sheet No.		Rev.
							3500				
							Drg. Ref.				
Made by PES		Date 01-Nov-2024		Checked	Date						
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz		
				[m]	[m]	[m]	[mm]	[mm]	[mm]		
				49.78380	36.05000	85.00000	-7.6403	-0.75739	7.5879	*	
				50.53810	36.05000	85.00000	-7.1253	-0.70634	7.0151	*	
				51.29240	36.05000	85.00000	-6.6238	-0.65662	6.4488	*	
				52.04670	36.05000	85.00000	-6.1349	-0.60816	5.8941	*	
				52.80100	36.05000	85.00000	-5.6580	-0.56088	5.3569	*	
				53.55530	36.05000	85.00000	-5.1923	-0.51472	4.8432	*	
				54.30960	36.05000	85.00000	-4.7371	-0.46959	4.3584	*	
				55.06390	36.05000	85.00000	-4.2916	-0.42543	3.9069	*	
				55.81820	36.05000	85.00000	-3.8551	-0.38216	3.4917	*	
				56.57250	36.05000	85.00000	-3.4269	-0.33971	3.1149	*	
				57.32680	36.05000	85.00000	-3.0061	-0.29799	2.7769	*	
				58.08110	36.05000	85.00000	-2.5920	-0.25695	2.4765	*	
				58.83540	36.05000	85.00000	-2.1840	-0.21650	2.2113	*	
				59.58970	36.05000	85.00000	-1.7812	-0.17657	1.9769	*	
				60.34400	36.05000	85.00000	-1.3830	-0.13709	1.7676	*	
				61.09830	36.05000	85.00000	-0.98846	-0.097986	1.5762	*	
				61.85260	36.05000	85.00000	-0.59698	-0.059178	1.3937	*	
				62.60690	36.05000	85.00000	-0.23953	-0.023745	1.2096	*	
				63.36120	36.05000	85.00000	0.0	0.0	1.0117	*	
				64.11550	36.05000	85.00000	0.0	0.0	0.85864	*	
				64.86980	36.05000	85.00000	0.0	0.0	0.70620	*	
				65.62410	36.05000	85.00000	0.0	0.0	0.55426	*	
				66.37840	36.05000	85.00000	0.0	0.0	0.40273	*	
				67.13270	36.05000	85.00000	0.0	0.0	0.25153	*	
				67.88700	36.05000	85.00000	0.0	0.0	0.10060	*	
				68.64130	36.05000	85.00000	0.0	0.0	-0.0096274	*	
				69.39560	36.05000	85.00000	0.0	0.0	-0.010034	*	
				70.14990	36.05000	85.00000	0.0	0.0	-0.010297	*	
				70.90420	36.05000	85.00000	0.0	0.0	-0.010444	*	
				71.65850	36.05000	85.00000	0.0	0.0	-0.010498	*	
				72.41280	36.05000	85.00000	0.0	0.0	-0.010478	*	
				73.16710	36.05000	85.00000	0.0	0.0	-0.010400	*	
				73.92140	36.05000	85.00000	0.0	0.0	-0.010274	*	
				74.67570	36.05000	85.00000	0.0	0.0	-0.010112	*	
				75.43000	36.05000	85.00000	0.0	0.0	-0.0099227	*	
				0.00000	36.77100	85.00000	0.0	0.0	-0.0096538	*	
				0.75430	36.77100	85.00000	0.0	0.0	-0.0098712	*	
				1.50860	36.77100	85.00000	0.0	0.0	-0.010069	*	
				2.26290	36.77100	85.00000	0.0	0.0	-0.010242	*	
				3.01720	36.77100	85.00000	0.0	0.0	-0.010382	*	
				3.77150	36.77100	85.00000	0.0	0.0	-0.010479	*	
				4.52580	36.77100	85.00000	0.0	0.0	-0.010522	*	
				5.28010	36.77100	85.00000	0.0	0.0	-0.010496	*	
				6.03440	36.77100	85.00000	0.0	0.0	-0.010385	*	
				6.78870	36.77100	85.00000	0.0	0.0	-0.010166	*	
				7.54300	36.77100	85.00000	0.0	0.0	-0.0098147	*	
				8.29730	36.77100	85.00000	0.0	0.0	0.033332	*	
				9.05160	36.77100	85.00000	0.0	0.0	0.18436	*	
				9.80590	36.77100	85.00000	0.0	0.0	0.33560	*	
				10.56020	36.77100	85.00000	0.0	0.0	0.48711	*	
				11.31450	36.77100	85.00000	0.0	0.0	0.63895	*	
				12.06880	36.77100	85.00000	0.0	0.0	0.79121	*	
				12.82310	36.77100	85.00000	0.0	0.0	0.94403	*	
				13.57740	36.77100	85.00000	0.12138	0.012138	1.1237	*	
				14.33170	36.77100	85.00000	0.41037	0.041037	1.3111	*	
				15.08600	36.77100	85.00000	0.79131	0.079131	1.4920	*	
				15.84030	36.77100	85.00000	1.1749	0.11749	1.6773	*	
				16.59460	36.77100	85.00000	1.5618	0.15618	1.8763	*	
				17.34890	36.77100	85.00000	1.9527	0.19527	2.0966	*	
				18.10320	36.77100	85.00000	2.3485	0.23485	2.3445	*	
				18.85750	36.77100	85.00000	2.7499	0.27499	2.6247	*	
				19.61180	36.77100	85.00000	3.1577	0.31577	2.9405	*	
				20.36610	36.77100	85.00000	3.5724	0.35724	3.2935	*	
				21.12040	36.77100	85.00000	3.9950	0.39950	3.6841	*	
				21.87470	36.77100	85.00000	4.4262	0.44262	4.1111	*	
				22.62900	36.77100	85.00000	4.8666	0.48666	4.5720	*	
				23.38330	36.77100	85.00000	5.3172	0.53172	5.0632	*	
				24.13760	36.77100	85.00000	5.7784	0.57784	5.5800	*	
				24.89190	36.77100	85.00000	6.2513	0.62513	6.1171	*	
				25.64620	36.77100	85.00000	6.7364	0.67364	6.6687	*	
				26.40050	36.77100	85.00000	7.2345	0.72345	7.2298	*	
				27.15480	36.77100	85.00000	7.7465	0.77465	7.7969	*	
				27.90910	36.77100	85.00000	8.2729	0.82729	8.3710	*	
				28.66340	36.77100	85.00000	8.8146	0.88146	8.9623	*	
				29.41770	36.77100	85.00000	9.3723	0.93723	9.6063	*	
				30.17200	36.77100	85.00000	9.9467	0.99467	10.4300	*	
				30.92630	36.77100	85.00000	10.539	1.0539	11.765	*	
				31.68060	36.77100	85.00000	11.149	1.1149	12.152	*	
				32.43490	36.77100	85.00000	Point lies within an excavation.				*
				33.18920	36.77100	85.00000	Point lies within an excavation.				*
				33.94350	36.77100	85.00000	Point lies within an excavation.				*
				34.69780	36.77100	85.00000	Point lies within an excavation.				*
				35.45210	36.77100	85.00000	Point lies within an excavation.				*
				36.20640	36.77100	85.00000	Point lies within an excavation.				*
				36.96070	36.77100	85.00000	Point lies within an excavation.				*
				37.71500	36.77100	85.00000	Point lies within an excavation.				*
				38.46930	36.77100	85.00000	Point lies within an excavation.				*
				39.22360	36.77100	85.00000	Point lies within an excavation.				*
				39.97790	36.77100	85.00000	Point lies within an excavation.				*
				40.73220	36.77100	85.00000	Point lies within an excavation.				*
				41.48650	36.77100	85.00000	Point lies within an excavation.				*
				42.24080	36.77100	85.00000	Point lies within an excavation.				*
				42.99510	36.77100	85.00000	Point lies within an excavation.				*
				43.74940	36.77100	85.00000	Point lies within an excavation.				*
				44.50370	36.77100	85.00000	-11.519	-1.1419	12.231	*	
				45.25800	36.77100	85.00000	-10.946	-1.0951	12.050	*	
				46.01230	36.77100	85.00000	-10.388	-1.0297	11.079	*	
				46.76660	36.77100	85.00000	-9.8424	-0.97568	10.013	*	
				47.52090	36.77100	85.00000	-9.3101	-0.92291	9.3589	*	
				48.27520	36.77100	85.00000	-8.7898	-0.87134	8.7787	*	
				49.02950	36.77100	85.00000	-8.2791	-0.82071	8.2165	*	
				49.78380	36.77100	85.00000	-7.7428	-0.76754	7.6338	*	
				50.53810	36.77100	85.00000	-7.2205	-0.71578	7.0534	*	
				51.29240	36.77100	85.00000	-6.7117	-0.66533	6		

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B2										Job No.	Sheet No.	Rev.	
										3500			
										Drg. Ref.			
										Made by PES	Date 01-Nov-2024	Checked	Date
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz				
				[m]	[m]	[m]	[mm]	[mm]	[mm]				
				71.65850	36.77100	85.00000	0.0	0.0	-0.010503	*			
				72.41280	36.77100	85.00000	0.0	0.0	-0.010481	*			
				73.16710	36.77100	85.00000	0.0	0.0	-0.010401	*			
				73.92140	36.77100	85.00000	0.0	0.0	-0.010275	*			
				74.67570	36.77100	85.00000	0.0	0.0	-0.010113	*			
				75.43000	36.77100	85.00000	0.0	0.0	-0.0099224	*			
				0.00000	37.49200	85.00000	0.0	0.0	-0.0096484	*			
				0.75430	37.49200	85.00000	0.0	0.0	-0.0098658	*			
				1.50860	37.49200	85.00000	0.0	0.0	-0.010064	*			
				2.26290	37.49200	85.00000	0.0	0.0	-0.010238	*			
				3.01720	37.49200	85.00000	0.0	0.0	-0.010378	*			
				3.77150	37.49200	85.00000	0.0	0.0	-0.010476	*			
				4.52580	37.49200	85.00000	0.0	0.0	-0.010519	*			
				5.28010	37.49200	85.00000	0.0	0.0	-0.010495	*			
				6.03440	37.49200	85.00000	0.0	0.0	-0.010385	*			
				6.78870	37.49200	85.00000	0.0	0.0	-0.010169	*			
				7.54300	37.49200	85.00000	0.0	0.0	-0.0098209	*			
				8.29730	37.49200	85.00000	0.0	0.0	0.043265	*			
				9.05160	37.49200	85.00000	0.0	0.0	0.19461	*			
				9.80590	37.49200	85.00000	0.0	0.0	0.34619	*			
				10.56020	37.49200	85.00000	0.0	0.0	0.49807	*			
				11.31450	37.49200	85.00000	0.0	0.0	0.65030	*			
				12.06880	37.49200	85.00000	0.0	0.0	0.80297	*			
				12.82310	37.49200	85.00000	0.0	0.0	0.95620	*			
				13.57740	37.49200	85.00000	0.13927	0.010156	1.1392	*			
				14.33170	37.49200	85.00000	0.43430	0.032729	1.3253	*			
				15.08600	37.49200	85.00000	0.80889	0.063171	1.5058	*			
				15.84030	37.49200	85.00000	1.1859	0.096291	1.6913	*			
				16.59460	37.49200	85.00000	1.5646	0.13254	1.8906	*			
				17.34890	37.49200	85.00000	1.9476	0.17246	2.1113	*			
				18.10320	37.49200	85.00000	2.3351	0.21671	2.3589	*			
				18.85750	37.49200	85.00000	2.7282	0.26610	2.6379	*			
				19.61180	37.49200	85.00000	3.1283	0.31283	2.9516	*			
				20.36610	37.49200	85.00000	3.5358	0.35358	3.3019	*			
				21.12040	37.49200	85.00000	3.9511	0.39511	3.6885	*			
				21.87470	37.49200	85.00000	4.3752	0.43752	4.1102	*			
				22.62900	37.49200	85.00000	4.8085	0.48085	4.5646	*			
				23.38330	37.49200	85.00000	5.2520	0.52520	5.0479	*			
				24.13760	37.49200	85.00000	5.7064	0.57064	5.5557	*			
				24.89190	37.49200	85.00000	6.1724	0.61724	6.0826	*			
				25.64620	37.49200	85.00000	6.6507	0.66507	6.6231	*			
				26.40050	37.49200	85.00000	7.1421	0.71421	7.1725	*			
				27.15480	37.49200	85.00000	7.6474	0.76474	7.7280	*			
				27.90910	37.49200	85.00000	8.1673	0.81673	8.2913	*			
				28.66340	37.49200	85.00000	8.7024	0.87024	8.8751	*			
				29.41770	37.49200	85.00000	9.2537	0.92537	9.5201	*			
				30.17200	37.49200	85.00000	9.8218	0.98218	10.378	*			
				30.92630	37.49200	85.00000	10.407	1.0407	11.677	*			
				31.68060	37.49200	85.00000	11.011	1.1011	12.028	*			
				32.43490	37.49200	85.00000	Point lies within an excavation.				*		
				33.18920	37.49200	85.00000	Point lies within an excavation.				*		
				33.94350	37.49200	85.00000	Point lies within an excavation.				*		
				34.69780	37.49200	85.00000	Point lies within an excavation.				*		
				35.45210	37.49200	85.00000	Point lies within an excavation.				*		
				36.20640	37.49200	85.00000	Point lies within an excavation.				*		
				36.96070	37.49200	85.00000	Point lies within an excavation.				*		
				37.71500	37.49200	85.00000	Point lies within an excavation.				*		
				38.46930	37.49200	85.00000	Point lies within an excavation.				*		
				39.22360	37.49200	85.00000	Point lies within an excavation.				*		
				39.97790	37.49200	85.00000	Point lies within an excavation.				*		
				40.73220	37.49200	85.00000	Point lies within an excavation.				*		
				41.48650	37.49200	85.00000	Point lies within an excavation.				*		
				42.24080	37.49200	85.00000	Point lies within an excavation.				*		
				42.99510	37.49200	85.00000	Point lies within an excavation.				*		
				43.74940	37.49200	85.00000	Point lies within an excavation.				*		
				44.50370	37.49200	85.00000	-11.160	-1.1063	12.090	*			
				45.25800	37.49200	85.00000	-10.601	-1.0509	11.847	*			
				46.01230	37.49200	85.00000	-10.056	-0.99683	10.722	*			
				46.76660	37.49200	85.00000	-9.5241	-0.94413	9.7741	*			
				47.52090	37.49200	85.00000	-9.0052	-0.89269	9.1346	*			
				48.27520	37.49200	85.00000	-8.4994	-0.84245	8.5643	*			
				49.02950	37.49200	85.00000	-8.0028	-0.79332	8.0132	*			
				49.78380	37.49200	85.00000	-7.5177	-0.74523	7.4653	*			
				50.53810	37.49200	85.00000	-7.0424	-0.69812	6.9176	*			
				51.29240	37.49200	85.00000	-6.5762	-0.65190	6.3724	*			
				52.04670	37.49200	85.00000	-6.1182	-0.60650	5.8348	*			
				52.80100	37.49200	85.00000	-5.6678	-0.56185	5.3109	*			
				53.55530	37.49200	85.00000	-5.2242	-0.51788	4.8069	*			
				54.30960	37.49200	85.00000	-4.7867	-0.47451	4.3287	*			
				55.06390	37.49200	85.00000	-4.3544	-0.43166	3.8811	*			
				55.81820	37.49200	85.00000	-3.9268	-0.38926	3.4680	*			
				56.57250	37.49200	85.00000	-3.4954	-0.34650	3.0900	*			
				57.32680	37.49200	85.00000	-3.0589	-0.30323	2.7487	*			
				58.08110	37.49200	85.00000	-2.6291	-0.26062	2.4469	*			
				58.83540	37.49200	85.00000	-2.2051	-0.21859	2.1814	*			
				59.58970	37.49200	85.00000	-1.7862	-0.17707	1.9477	*			
				60.34400	37.49200	85.00000	-1.3717	-0.13598	1.7393	*			
				61.09830	37.49200	85.00000	-0.96080	-0.095244	1.5481	*			
				61.85260	37.49200	85.00000	-0.55279	-0.054798	1.3643	*			
				62.60690	37.49200	85.00000	-0.20362	-0.020184	1.1764	*			
				63.36120	37.49200	85.00000	0.0	0.0	0.98298	*			
				64.11550	37.49200	85.00000	0.0	0.0	0.82998	*			
				64.86980	37.49200	85.00000	0.0	0.0	0.67758	*			
				65.62410	37.49200	85.00000	0.0	0.0	0.52568	*			
				66.37840	37.49200	85.00000	0.0	0.0	0.37418	*			
				67.13270	37.49200	85.00000	0.0	0.0	0.22300	*			
				67.88700	37.49200	85.00000	0.0	0.0	0.072095	*			
				68.64130	37.49200	85.00000	0.0	0.0	-0.0096696	*			
				69.39560	37.49200	85.00000	0.0	0.0	-0.010064	*			
				70.14990	37.49200	85.00000	0.0	0.0	-0.010318	*			
				70.90420	37.49200	85.00000	0.0	0.0	-0.010458	*			
				71.65850	37.49200	85.00000	0.0	0.0	-0.010507	*			
				72.41280	37.49200	85.00000	0.0	0.0	-0.010483	*			
				73.16710	37.49200	85.00000	0.0	0.0	-0.010401	*			
				73.92140	37.49200	85.00000	0.0	0.0	-0.010273	*			
				74.67570	37.49200	85.00000	0.0	0.0	-0.010109	*			
				75.43000	37.49200	85.00000	0.0	0.0	-0.0099182	*			
				0.00000	38.21300	85.00000	0.0	0.0	-0.0096388	*			
				0.75430	38.21300	85.00000	0.0	0.0	-0.0098566	*			
				1.50860	38.21300	85.00000	0.0	0.0	-0.0100056	*			
				2.26290	38.21300	85.00000	0.0	0.0	-0.010230	*			
				3.01720	38.21300	85.00000	0.0	0.0	-0.010371	*			
				3.77150	38.21300	85.00000	0.0	0.0	-0.010471	*			
				4.52580	38.21300	85.00000	0.0	0.0	-0.010517	*			
				5.28010	38.21300	85.00000	0.0	0.0	-0.010495	*			
				6.03440	38.21300	85.00000	0.0	0.0	-0.010389	*			
				6.78870	38.21300	85.00000	0.0	0.0	-0.010178	*			
				7.54300	38.21300	85.00000	0.0	0.0	-0.0098362	*			
				8.29730	38.21300	85.00000	0.0	0.0	0.048819	*			
				9.05160	38.21300	85.00000	0.0	0.0	0.20034	*			
				9.80590	38.21300	85.00000	0.0	0.0	0.35210	*			
				10.56020	38.21300	85.00000	0.0	0.0	0.50416	*			
				11.31450	38.21300	85.00000	0.0	0.0	0.65660	*			
				12.06880	38.21300	85.00000	0.0	0.0	0.80949	*			
				12.82310	38.21300	85.00000	0.0	0.0	0.96293	*			
				13.57740	38.21300	85.00000	0.14822	0.0054979	1.1477	*			
				14.33170	38.21300	85.00000	0.44537	0.016826	1.3331	*			
				15.08600	38.21300	85.00000	0.81489	0.031544	1.5136	*			
				15.84030	38.21300	85.00000	1.1859	0.047445	1.6996	*			
				16.59460	38.21300	85.00000	1.5591	0.064732	1.8997	*			



Highgate Cemetery
B2

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				17.34890	38.21300	85.00000	1.9354	0.083647	2.1212
				18.10320	38.21300	85.00000	2.3157	0.10449	2.3699
				18.85750	38.21300	85.00000	2.7007	0.12761	2.6497
				19.61180	38.21300	85.00000	3.0914	0.15347	2.9633
				20.36610	38.21300	85.00000	3.4886	0.18263	3.3120
				21.12040	38.21300	85.00000	3.8935	0.21581	3.6954
				21.87470	38.21300	85.00000	4.3069	0.25394	4.1122
				22.62900	38.21300	85.00000	4.7301	0.29825	4.5595
				23.38330	38.21300	85.00000	5.1644	0.35041	5.0336
				24.13760	38.21300	85.00000	5.6112	0.41269	5.5301
				24.89190	38.21300	85.00000	6.0723	0.48835	6.0438
				25.64620	38.21300	85.00000	6.5501	0.58216	6.5699
				26.40050	38.21300	85.00000	7.0476	0.70143	7.1044
				27.15480	38.21300	85.00000	7.5470	0.75470	7.6449
				27.90910	38.21300	85.00000	8.0602	0.80602	8.1932
				28.66340	38.21300	85.00000	8.5889	0.85889	8.7638
				29.41770	38.21300	85.00000	9.1338	0.91338	9.4036
				30.17200	38.21300	85.00000	9.6955	0.96955	10.302
				30.92630	38.21300	85.00000	10.275	1.0275	11.540
				31.68060	38.21300	85.00000	10.873	1.0873	11.857
				32.43490	38.21300	85.00000	Point lies within an excavation.		
				33.18920	38.21300	85.00000	Point lies within an excavation.		
				33.94350	38.21300	85.00000	Point lies within an excavation.		
				34.69780	38.21300	85.00000	Point lies within an excavation.		
				35.45210	38.21300	85.00000	Point lies within an excavation.		
				36.20640	38.21300	85.00000	Point lies within an excavation.		
				36.96070	38.21300	85.00000	Point lies within an excavation.		
				37.71500	38.21300	85.00000	Point lies within an excavation.		
				38.46930	38.21300	85.00000	Point lies within an excavation.		
				39.22360	38.21300	85.00000	Point lies within an excavation.		
				39.97790	38.21300	85.00000	Point lies within an excavation.		
				40.73220	38.21300	85.00000	Point lies within an excavation.		
				41.48650	38.21300	85.00000	Point lies within an excavation.		
				42.24080	38.21300	85.00000	Point lies within an excavation.		
				42.99510	38.21300	85.00000	Point lies within an excavation.		
				43.74940	38.21300	85.00000	Point lies within an excavation.		
				44.50370	38.21300	85.00000	-10.804	-1.0710	11.894
				45.25800	38.21300	85.00000	-10.258	-1.0169	11.594
				46.01230	38.21300	85.00000	-9.7263	-0.96417	10.374
				46.76660	38.21300	85.00000	-9.2082	-0.91281	9.5084
				47.52090	38.21300	85.00000	-8.7028	-0.86271	8.8895
				48.27520	38.21300	85.00000	-8.2093	-0.81379	8.3345
				49.02950	38.21300	85.00000	-7.7271	-0.76599	7.7978
				49.78380	38.21300	85.00000	-7.2552	-0.71922	7.2646
				50.53810	38.21300	85.00000	-6.7931	-0.67341	6.7321
				51.29240	38.21300	85.00000	-6.3400	-0.62849	6.2028
				52.04670	38.21300	85.00000	-5.8951	-0.58438	5.6816
				52.80100	38.21300	85.00000	-5.4577	-0.54102	5.1744
				53.55530	38.21300	85.00000	-5.0270	-0.49833	4.6869
				54.30960	38.21300	85.00000	-4.6023	-0.45622	4.2246
				55.06390	38.21300	85.00000	-4.1828	-0.41464	3.7921
				55.81820	38.21300	85.00000	-3.7678	-0.37350	3.3930
				56.57250	38.21300	85.00000	-3.3566	-0.33274	3.0295
				57.32680	38.21300	85.00000	-2.9483	-0.29227	2.7026
				58.08110	38.21300	85.00000	-2.5424	-0.25203	2.4114
				58.83540	38.21300	85.00000	-2.1379	-0.21193	2.1536
				59.58970	38.21300	85.00000	-1.7343	-0.17192	1.9252
				60.34400	38.21300	85.00000	-1.3306	-0.13190	1.7203
				61.09830	38.21300	85.00000	-0.92623	-0.091818	1.5311
				61.85260	38.21300	85.00000	-0.52040	-0.051587	1.3478
				62.60690	38.21300	85.00000	-0.18153	-0.017996	1.1588
				63.36120	38.21300	85.00000	0.0	0.0	0.96849
				64.11550	38.21300	85.00000	0.0	0.0	0.81554
				64.86980	38.21300	85.00000	0.0	0.0	0.66319
				65.62410	38.21300	85.00000	0.0	0.0	0.51133
				66.37840	38.21300	85.00000	0.0	0.0	0.35986
				67.13270	38.21300	85.00000	0.0	0.0	0.20871
				67.88700	38.21300	85.00000	0.0	0.0	0.057819
				68.64130	38.21300	85.00000	0.0	0.0	-0.0097064
				69.39560	38.21300	85.00000	0.0	0.0	-0.010090
				70.14990	38.21300	85.00000	0.0	0.0	-0.010335
				70.90420	38.21300	85.00000	0.0	0.0	-0.010468
				71.65850	38.21300	85.00000	0.0	0.0	-0.010512
				72.41280	38.21300	85.00000	0.0	0.0	-0.010484
				73.16710	38.21300	85.00000	0.0	0.0	-0.010398
				73.92140	38.21300	85.00000	0.0	0.0	-0.010268
				74.67570	38.21300	85.00000	0.0	0.0	-0.010103
				75.43000	38.21300	85.00000	0.0	0.0	-0.0099103
				0.00000	38.93400	85.00000	0.0	0.0	-0.0096252
				0.75430	38.93400	85.00000	0.0	0.0	-0.0098434
				1.50860	38.93400	85.00000	0.0	0.0	-0.010043
				2.26290	38.93400	85.00000	0.0	0.0	-0.010219
				3.01720	38.93400	85.00000	0.0	0.0	-0.010362
				3.77150	38.93400	85.00000	0.0	0.0	-0.010464
				4.52580	38.93400	85.00000	0.0	0.0	-0.010513
				5.28010	38.93400	85.00000	0.0	0.0	-0.010496
				6.03440	38.93400	85.00000	0.0	0.0	-0.010396
				6.78870	38.93400	85.00000	0.0	0.0	-0.010192
				7.54300	38.93400	85.00000	0.0	0.0	-0.0098603
				8.29730	38.93400	85.00000	0.0	0.0	0.049977
				9.05160	38.93400	85.00000	0.0	0.0	0.20152
				9.80590	38.93400	85.00000	0.0	0.0	0.35331
				10.56020	38.93400	85.00000	0.0	0.0	0.50539
				11.31450	38.93400	85.00000	0.0	0.0	0.65784
				12.06880	38.93400	85.00000	0.0	0.0	0.81073
				12.82310	38.93400	85.00000	0.0	0.0	0.96418
				13.57740	38.93400	85.00000	0.14803	-14.273E-6	1.1490
				14.33170	38.93400	85.00000	0.44173	-520.80E-6	1.3340
				15.08600	38.93400	85.00000	0.80546	-0.0017019	1.5142
				15.84030	38.93400	85.00000	1.1701	-0.0032279	1.6998
				16.59460	38.93400	85.00000	1.5364	-0.0051552	1.8995
				17.34890	38.93400	85.00000	1.9050	-0.0075523	2.1204
				18.10320	38.93400	85.00000	2.2767	-0.010503	2.3679
				18.85750	38.93400	85.00000	2.6521	-0.014112	2.6462
				19.61180	38.93400	85.00000	3.0320	-0.018508	2.9576
				20.36610	38.93400	85.00000	3.4171	-0.023856	3.3031
				21.12040	38.93400	85.00000	3.8079	-0.030366	3.6824
				21.87470	38.93400	85.00000	4.2052	-0.038312	4.0937
				22.62900	38.93400	85.00000	4.6096	-0.048056	4.5341
				23.38330	38.93400	85.00000	5.0215	-0.060088	4.9994
				24.13760	38.93400	85.00000	5.4416	-0.075089	5.4847
				24.89190	38.93400	85.00000	5.8703	-0.094026	5.9846
				25.64620	38.93400	85.00000	6.3076	-0.11833	6.4933
				26.40050	38.93400	85.00000	6.7537	-0.15020	7.0059
				27.15480	38.93400	85.00000	7.2080	-0.19320	7.5197
				27.90910	38.93400	85.00000	7.6690	-0.23554	8.0374
				28.66340					



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				39.22360	38.93400	85.00000	Point lies within an excavation.	*	
				39.97790	38.93400	85.00000	Point lies within an excavation.	*	
				40.73220	38.93400	85.00000	Point lies within an excavation.	*	
				41.48650	38.93400	85.00000	Point lies within an excavation.	*	
				42.24080	38.93400	85.00000	Point lies within an excavation.	*	
				42.99510	38.93400	85.00000	Point lies within an excavation.	*	
				43.74940	38.93400	85.00000	Point lies within an excavation.	*	
				44.50370	38.93400	85.00000	-10.449	-1.0358	11.628
				45.25800	38.93400	85.00000	-9.9173	-0.98310	11.279
				46.01230	38.93400	85.00000	-9.3993	-0.93176	10.014
				46.76660	38.93400	85.00000	-8.8947	-0.88174	9.2144
				47.52090	38.93400	85.00000	-8.4028	-0.83297	8.6238
				48.27520	38.93400	85.00000	-7.9227	-0.78538	8.0904
				49.02950	38.93400	85.00000	-7.4538	-0.73890	7.5726
				49.78380	38.93400	85.00000	-6.9952	-0.69344	7.0573
				50.53810	38.93400	85.00000	-6.5463	-0.64894	6.5425
				51.29240	38.93400	85.00000	-6.1063	-0.60532	6.0310
				52.04670	38.93400	85.00000	-5.6744	-0.56250	5.5275
				52.80100	38.93400	85.00000	-5.2499	-0.52043	5.0377
				53.55530	38.93400	85.00000	-4.8321	-0.47901	4.5673
				54.30960	38.93400	85.00000	-4.4202	-0.43818	4.1213
				55.06390	38.93400	85.00000	-4.0135	-0.39786	3.7041
				55.81820	38.93400	85.00000	-3.6112	-0.35798	3.3190
				56.57250	38.93400	85.00000	-3.2126	-0.31846	2.9681
				57.32680	38.93400	85.00000	-2.8169	-0.27924	2.6520
				58.08110	38.93400	85.00000	-2.4234	-0.24023	2.3700
				58.83540	38.93400	85.00000	-2.0313	-0.20137	2.1196
				59.58970	38.93400	85.00000	-1.6400	-0.16257	1.8969
				60.34400	38.93400	85.00000	-1.2486	-0.12377	1.6959
				61.09830	38.93400	85.00000	-0.85642	-0.084897	1.5092
				61.85260	38.93400	85.00000	-0.46270	-0.045668	1.3272
				62.60690	38.93400	85.00000	-0.14836	-0.014707	1.1386
				63.36120	38.93400	85.00000	0.0	0.0	0.95392
				64.11550	38.93400	85.00000	0.0	0.0	0.80105
				64.86980	38.93400	85.00000	0.0	0.0	0.64876
				65.62410	38.93400	85.00000	0.0	0.0	0.49695
				66.37840	38.93400	85.00000	0.0	0.0	0.34551
				67.13270	38.93400	85.00000	0.0	0.0	0.19439
				67.88700	38.93400	85.00000	0.0	0.0	0.043529
				68.64130	38.93400	85.00000	0.0	0.0	-0.0097526
				69.39560	38.93400	85.00000	0.0	0.0	-0.010121
				70.14990	38.93400	85.00000	0.0	0.0	-0.010355
				70.90420	38.93400	85.00000	0.0	0.0	-0.010480
				71.65850	38.93400	85.00000	0.0	0.0	-0.010516
				72.41280	38.93400	85.00000	0.0	0.0	-0.010483
				73.16710	38.93400	85.00000	0.0	0.0	-0.010393
				73.92140	38.93400	85.00000	0.0	0.0	-0.010260
				74.67570	38.93400	85.00000	0.0	0.0	-0.010092
				75.43000	38.93400	85.00000	0.0	0.0	-0.0098985
				0.00000	39.65500	85.00000	0.0	0.0	-0.0096074
				0.75430	39.65500	85.00000	0.0	0.0	-0.0098264
				1.50860	39.65500	85.00000	0.0	0.0	-0.010027
				2.26290	39.65500	85.00000	0.0	0.0	-0.010204
				3.01720	39.65500	85.00000	0.0	0.0	-0.010350
				3.77150	39.65500	85.00000	0.0	0.0	-0.010455
				4.52580	39.65500	85.00000	0.0	0.0	-0.010509
				5.28010	39.65500	85.00000	0.0	0.0	-0.010498
				6.03440	39.65500	85.00000	0.0	0.0	-0.010405
				6.78870	39.65500	85.00000	0.0	0.0	-0.010212
				7.54300	39.65500	85.00000	0.0	0.0	-0.0098924
				8.29730	39.65500	85.00000	0.0	0.0	0.046739
				9.05160	39.65500	85.00000	0.0	0.0	0.19816
				9.80590	39.65500	85.00000	0.0	0.0	0.34980
				10.56020	39.65500	85.00000	0.0	0.0	0.50173
				11.31450	39.65500	85.00000	0.0	0.0	0.65401
				12.06880	39.65500	85.00000	0.0	0.0	0.80671
				12.82310	39.65500	85.00000	0.0	0.0	0.95994
				13.57740	39.65500	85.00000	0.13915	-0.0053711	1.1432
				14.33170	39.65500	85.00000	0.42402	-0.017565	1.3279
				15.08600	39.65500	85.00000	0.78131	-0.034599	1.5074
				15.84030	39.65500	85.00000	1.1389	-0.053497	1.6920
				16.59460	39.65500	85.00000	1.4974	-0.074570	1.8901
				17.34890	39.65500	85.00000	1.8573	-0.098197	2.1087
				18.10320	39.65500	85.00000	2.2194	-0.12483	2.3533
				18.85750	39.65500	85.00000	2.5840	-0.15505	2.6277
				19.61180	39.65500	85.00000	2.9517	-0.18954	2.9342
				20.36610	39.65500	85.00000	3.3229	-0.22918	3.2736
				21.12040	39.65500	85.00000	3.6978	-0.27511	3.6455
				21.87470	39.65500	85.00000	4.0767	-0.32877	4.0478
				22.62900	39.65500	85.00000	4.4596	-0.39208	4.4775
				23.38330	39.65500	85.00000	4.8462	-0.46763	4.9301
				24.13760	39.65500	85.00000	5.2359	-0.55896	5.4004
				24.89190	39.65500	85.00000	5.6276	-0.67110	5.8825
				25.64620	39.65500	85.00000	6.0191	-0.81139	6.3701
				26.40050	39.65500	85.00000	6.4069	-0.99102	6.8576
				27.15480	39.65500	85.00000	6.7851	-1.2278	7.3411
				27.90910	39.65500	85.00000	7.1671	-1.5569	7.8375
				28.66340	39.65500	85.00000	7.5935	-2.0460	8.3966
				29.41770	39.65500	85.00000	8.0075	-2.8038	9.0489
				30.17200	39.65500	85.00000	8.3825	-4.1025	10.181
				30.92630	39.65500	85.00000	8.8917	-4.9026	11.287
				31.68060	39.65500	85.00000	9.4996	-5.2378	11.735
				32.43490	39.65500	85.00000	10.131	-5.5861	11.885
				33.18920	39.65500	85.00000	Point lies within an excavation.	*	
				33.94350	39.65500	85.00000	Point lies within an excavation.	*	
				34.69780	39.65500	85.00000	Point lies within an excavation.	*	
				35.45210	39.65500	85.00000	Point lies within an excavation.	*	
				36.20640	39.65500	85.00000	Point lies within an excavation.	*	
				36.96070	39.65500	85.00000	Point lies within an excavation.	*	
				37.71500	39.65500	85.00000	Point lies within an excavation.	*	
				38.46930	39.65500	85.00000	Point lies within an excavation.	*	
				39.22360	39.65500	85.00000	Point lies within an excavation.	*	
				39.97790	39.65500	85.00000	Point lies within an excavation.	*	
				40.73220	39.65500	85.00000	Point lies within an excavation.	*	
				41.48650	39.65500	85.00000	Point lies within an excavation.	*	
				42.24080	39.65500	85.00000	Point lies within an excavation.	*	
				42.99510	39.65500	85.00000	Point lies within an excavation.	*	
				43.74940	39.65500	85.00000	-6.4812	-8.7247	11.695
				44.50370	39.65500	85.00000	-6.7059	-6.6571	11.301
				45.25800	39.65500	85.00000	-8.1500	-2.9684	10.790
				46.01230	39.65500	85.00000	-8.4293	-1.8702	9.5793
				46.76660	39.65500	85.00000	-8.2782	-1.3432	8.8775
				47.52090	39.65500	85.00000	-7.9724	-1.0345	8.3379
				48.27520	39.65500	85.00000	-7.5995	-0.83111	7.8353
				49.02950	39.65500	85.00000	-7.1829	-0.71204	7.3392
				49.78380	39.65500	85.00000	-6.7376	-0.66790	6.8449
				50.53810	39.65500	85.00000	-6.3018	-0.62470	6.3499
				51.29240	39.65500	85.00000	-5.8749	-0.58238	5.8576
				52.04670	39.65500	85.00000	-5.4561	-0.54086	5.3729
				52.80100	39.65500	85.00000	-5.0445	-0.50007	4.9013
				53.55530	39.65500	85.00000	-4.6396	-0.45993	4.4484
				54.30960	39.65500	85.00000	-4.2405	-0.42037	4.0190
				55.06390	39.65500	85.00000	-3.8466	-0.38131	3.6173
				55.81820	39.65500	85.00000	-3.4569	-0.34269	3.2463
				56.57250	39.65500	85.00000	-3.0709	-0.30442	2.9078
				57.32680	39.65500	85.00000	-2.6878	-0.26644	2.6025
				58.08110	39.65500	85.00000	-2.3067	-0.22867	2.3294
				58.83540	39.65500	85.00000	-1.9271	-0.19103	2.0862
				59.58970	39.65500	85.00000	-1.5481	-0.15346	1.8689
				60.34400	39.65500	85.00000	-1.1689	-0.11588	1.6718



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz		
				[m]	[m]	[m]	[mm]	[mm]	[mm]		
				61.09830	39.65500	85.00000	-0.78892	-0.078206	1.4874	*	
				61.85260	39.65500	85.00000	-0.40731	-0.040377	1.3067	*	
				62.60690	39.65500	85.00000	-0.11749	-0.011647	1.1185	*	
				63.36120	39.65500	85.00000	0.0	0.0	0.93927	*	
				64.11550	39.65500	85.00000	0.0	0.0	0.78650	*	
				64.86980	39.65500	85.00000	0.0	0.0	0.63429	*	
				65.62410	39.65500	85.00000	0.0	0.0	0.48253	*	
				66.37840	39.65500	85.00000	0.0	0.0	0.33115	*	
				67.13270	39.65500	85.00000	0.0	0.0	0.18006	*	
				67.88700	39.65500	85.00000	0.0	0.0	0.029227	*	
				68.64130	39.65500	85.00000	0.0	0.0	-0.0098071	*	
				69.39560	39.65500	85.00000	0.0	0.0	-0.010158	*	
				70.14990	39.65500	85.00000	0.0	0.0	-0.010378	*	
				70.90420	39.65500	85.00000	0.0	0.0	-0.010492	*	
				71.65850	39.65500	85.00000	0.0	0.0	-0.010520	*	
				72.41280	39.65500	85.00000	0.0	0.0	-0.010480	*	
				73.16710	39.65500	85.00000	0.0	0.0	-0.010386	*	
				73.92140	39.65500	85.00000	0.0	0.0	-0.010249	*	
				74.67570	39.65500	85.00000	0.0	0.0	-0.010079	*	
				75.43000	39.65500	85.00000	0.0	0.0	-0.0098828	*	
				0.00000	40.37600	85.00000	0.0	0.0	-0.0095855	*	
				0.75430	40.37600	85.00000	0.0	0.0	-0.0098053	*	
				1.50860	40.37600	85.00000	0.0	0.0	-0.010008	*	
				2.26290	40.37600	85.00000	0.0	0.0	-0.010187	*	
				3.01720	40.37600	85.00000	0.0	0.0	-0.010336	*	
				3.77150	40.37600	85.00000	0.0	0.0	-0.010445	*	
				4.52580	40.37600	85.00000	0.0	0.0	-0.010504	*	
				5.28010	40.37600	85.00000	0.0	0.0	-0.010500	*	
				6.03440	40.37600	85.00000	0.0	0.0	-0.010417	*	
				6.78870	40.37600	85.00000	0.0	0.0	-0.010235	*	
				7.54300	40.37600	85.00000	0.0	0.0	-0.0099316	*	
				8.29730	40.37600	85.00000	0.0	0.0	0.039114	*	
				9.05160	40.37600	85.00000	0.0	0.0	0.19026	*	
				9.80590	40.37600	85.00000	0.0	0.0	0.34161	*	
				10.56020	40.37600	85.00000	0.0	0.0	0.49321	*	
				11.31450	40.37600	85.00000	0.0	0.0	0.64513	*	
				12.06880	40.37600	85.00000	0.0	0.0	0.79744	*	
				12.82310	40.37600	85.00000	0.0	0.0	0.95023	*	
				13.57740	40.37600	85.00000	0.12209	-0.0095671	1.1303	*	
				14.33170	40.37600	85.00000	0.39295	-0.032566	1.3148	*	
				15.08600	40.37600	85.00000	0.74324	-0.065189	1.4934	*	
				15.84030	40.37600	85.00000	1.0931	-0.10114	1.6763	*	
				16.59460	40.37600	85.00000	1.4431	-0.14098	1.8717	*	
				17.34890	40.37600	85.00000	1.7936	-0.18536	2.0867	*	
				18.10320	40.37600	85.00000	2.1451	-0.23511	2.3265	*	
				18.85750	40.37600	85.00000	2.4979	-0.29121	2.5948	*	
				19.61180	40.37600	85.00000	2.8523	-0.35488	2.8939	*	
				20.36610	40.37600	85.00000	3.2083	-0.42767	3.2245	*	
				21.12040	40.37600	85.00000	3.5659	-0.51152	3.5860	*	
				21.87470	40.37600	85.00000	3.9249	-0.60894	3.9762	*	
				22.62900	40.37600	85.00000	4.2845	-0.72319	4.3918	*	
				23.38330	40.37600	85.00000	4.6438	-0.85866	4.8283	*	
				24.13760	40.37600	85.00000	5.0011	-1.0213	5.2803	*	
				24.89190	40.37600	85.00000	5.3891	-1.2266	5.7631	*	
				25.64620	40.37600	85.00000	5.7827	-1.4821	6.2598	*	
				26.40050	40.37600	85.00000	6.1792	-1.8062	6.7666	*	
				27.15480	40.37600	85.00000	6.5757	-2.2274	7.2824	*	
				27.90910	40.37600	85.00000	6.9672	-2.7915	7.8113	*	
				28.66340	40.37600	85.00000	7.3444	-3.5755	8.3689	*	
				29.41770	40.37600	85.00000	7.7841	-4.2919	9.0038	*	
				30.17200	40.37600	85.00000	8.3478	-4.6027	9.9180	*	
				30.92630	40.37600	85.00000	8.9340	-4.9259	10.847	*	
				31.68060	40.37600	85.00000	9.5432	-5.2618	11.499	*	
				32.43490	40.37600	85.00000	10.176	-5.6107	11.944	*	
				33.18920	40.37600	85.00000	Point lies within an excavation.				*
				33.94350	40.37600	85.00000	Point lies within an excavation.				*
				34.69780	40.37600	85.00000	Point lies within an excavation.				*
				35.45210	40.37600	85.00000	Point lies within an excavation.				*
				36.20640	40.37600	85.00000	Point lies within an excavation.				*
				36.96070	40.37600	85.00000	Point lies within an excavation.				*
				37.71500	40.37600	85.00000	Point lies within an excavation.				*
				38.46930	40.37600	85.00000	Point lies within an excavation.				*
				39.22360	40.37600	85.00000	Point lies within an excavation.				*
				39.97790	40.37600	85.00000	Point lies within an excavation.				*
				40.73220	40.37600	85.00000	Point lies within an excavation.				*
				41.48650	40.37600	85.00000	Point lies within an excavation.				*
				42.24080	40.37600	85.00000	Point lies within an excavation.				*
				42.99510	40.37600	85.00000	-6.8044	-9.1597	11.873	*	
				43.74940	40.37600	85.00000	-6.3700	-8.5750	11.601	*	
				44.50370	40.37600	85.00000	-5.9502	-8.0099	11.199	*	
				45.25800	40.37600	85.00000	-6.2060	-6.1386	10.502	*	
				46.01230	40.37600	85.00000	-6.6550	-4.0019	9.0825	*	
				46.76660	40.37600	85.00000	-6.9199	-2.9076	8.4780	*	
				47.52090	40.37600	85.00000	-6.9246	-2.2359	8.0193	*	
				48.27520	40.37600	85.00000	-6.7676	-1.7795	7.5749	*	
				49.02950	40.37600	85.00000	-6.5201	-1.4509	7.1223	*	
				49.78380	40.37600	85.00000	-6.2196	-1.2037	6.6582	*	
				50.53810	40.37600	85.00000	-5.8871	-1.0112	6.1860	*	
				51.29240	40.37600	85.00000	-5.5353	-0.85701	5.7117	*	
				52.04670	40.37600	85.00000	-5.1719	-0.73077	5.2422	*	
				52.80100	40.37600	85.00000	-4.8019	-0.62541	4.7840	*	
				53.55530	40.37600	85.00000	-4.4285	-0.53607	4.3436	*	
				54.30960	40.37600	85.00000	-4.0537	-0.45923	3.9261	*	
				55.06390	40.37600	85.00000	-3.6788	-0.39235	3.5357	*	
				55.81820	40.37600	85.00000	-3.3047	-0.33348	3.1756	*	
				56.57250	40.37600	85.00000	-2.9316	-0.29061	2.8487	*	
				57.32680	40.37600	85.00000	-2.5610	-0.25387	2.5539	*	
				58.08110	40.37600	85.00000	-2.1924	-0.21734	2.2896	*	
				58.83540	40.37600	85.00000	-1.8252	-0.18093	2.0534	*	
				59.58970	40.37600	85.00000	-1.4585	-0.14458	1.8413	*	
				60.34400	40.37600	85.00000	-1.0916	-0.10821	1.6478	*	
				61.09830	40.37600	85.00000	-0.72373	-0.071744	1.4658	*	
				61.85260	40.37600	85.00000	-0.35423	-0.035115	1.2862	*	
				62.60690	40.37600	85.00000	-0.088933	-0.0088160	1.0985	*	
				63.36120	40.37600	85.00000	0.0	0.0	0.92456	*	
				64.11550	40.37600	85.00000	0.0	0.0	0.77190	*	
				64.86980	40.37600	85.00000	0.0	0.0	0.61978	*	
				65.62410	40.37600	85.00000	0.0	0.0	0.46809	*	
				66.37840	40.37600	85.00000	0.0	0.0	0.31676	*	
				67.13270	40.37600	85.00000	0.0	0.0	0.16572	*	
				67.88700							



Highgate Cemetery
B2

A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz		
				[m]	[m]	[m]	[mm]	[mm]	[mm]		
				6.78870	41.09700	85.00000	0.0	0.0	-0.010262	*	
				7.54300	41.09700	85.00000	0.0	0.0	-0.0099769	*	
				8.29730	41.09700	85.00000	0.0	0.0	0.027124	*	
				9.05160	41.09700	85.00000	0.0	0.0	0.17785	*	
				9.80590	41.09700	85.00000	0.0	0.0	0.32874	*	
				10.56020	41.09700	85.00000	0.0	0.0	0.47986	*	
				11.31450	41.09700	85.00000	0.0	0.0	0.63124	*	
				12.06880	41.09700	85.00000	0.0	0.0	0.78296	*	
				12.82310	41.09700	85.00000	0.0	0.0	0.93510	*	
				13.57740	41.09700	85.00000	0.097363	-0.011618	1.1103	*	
				14.33170	41.09700	85.00000	0.34926	-0.043826	1.2949	*	
				15.08600	41.09700	85.00000	0.69212	-0.091567	1.4724	*	
				15.84030	41.09700	85.00000	1.0338	-0.14401	1.6529	*	
				16.59460	41.09700	85.00000	1.3747	-0.20192	1.8448	*	
				17.34890	41.09700	85.00000	1.7152	-0.26624	2.0548	*	
				18.10320	41.09700	85.00000	2.0555	-0.33807	2.2882	*	
				18.85750	41.09700	85.00000	2.3957	-0.41878	2.5485	*	
				19.61180	41.09700	85.00000	2.7360	-0.51006	2.8380	*	
				20.36610	41.09700	85.00000	3.0760	-0.61398	3.1574	*	
				21.12040	41.09700	85.00000	3.4255	-0.73524	3.5095	*	
				21.87470	41.09700	85.00000	3.7841	-0.87725	3.8939	*	
				22.62900	41.09700	85.00000	4.1469	-1.0436	4.3070	*	
				23.38330	41.09700	85.00000	4.5136	-1.2401	4.7459	*	
				24.13760	41.09700	85.00000	4.8838	-1.4750	5.2067	*	
				24.89190	41.09700	85.00000	5.2565	-1.7591	5.6854	*	
				25.64620	41.09700	85.00000	5.6301	-2.1076	6.1779	*	
				26.40050	41.09700	85.00000	6.0021	-2.5421	6.6807	*	
				27.15480	41.09700	85.00000	6.3680	-3.0941	7.1925	*	
				27.90910	41.09700	85.00000	6.7492	-3.7213	7.7220	*	
				28.66340	41.09700	85.00000	7.2714	-4.0092	8.2997	*	
				29.41770	41.09700	85.00000	7.8150	-4.3090	8.9017	*	
				30.17200	41.09700	85.00000	8.3805	-4.6208	9.5335	*	
				30.92630	41.09700	85.00000	8.9684	-4.9449	10.169	*	
				31.68060	41.09700	85.00000	9.3137	-5.1353	10.741	*	
				32.43490	41.09700	85.00000	9.4740	-5.2237	11.618	*	
				33.18920	41.09700	85.00000	9.6243	-5.3065	11.631	*	
				33.94350	41.09700	85.00000	Point lies within an excavation.				*
				34.69780	41.09700	85.00000	Point lies within an excavation.				*
				35.45210	41.09700	85.00000	Point lies within an excavation.				*
				36.20640	41.09700	85.00000	Point lies within an excavation.				*
				36.96070	41.09700	85.00000	Point lies within an excavation.				*
				37.71500	41.09700	85.00000	Point lies within an excavation.				*
				38.46930	41.09700	85.00000	Point lies within an excavation.				*
				39.22360	41.09700	85.00000	Point lies within an excavation.				*
				39.97790	41.09700	85.00000	Point lies within an excavation.				*
				40.73220	41.09700	85.00000	Point lies within an excavation.				*
				41.48650	41.09700	85.00000	-6.7884	-9.1383	11.910	*	
				42.24080	41.09700	85.00000	-6.7384	-9.0709	11.866	*	
				42.99510	41.09700	85.00000	-6.6815	-8.9943	11.135	*	
				43.74940	41.09700	85.00000	-6.2549	-8.4201	10.689	*	
				44.50370	41.09700	85.00000	-5.8428	-7.8653	10.278	*	
				45.25800	41.09700	85.00000	-5.4450	-7.3298	9.7548	*	
				46.01230	41.09700	85.00000	-5.7214	-5.6552	8.8388	*	
				46.76660	41.09700	85.00000	-5.9214	-4.2103	8.1921	*	
				47.52090	41.09700	85.00000	-5.9462	-3.2309	7.6717	*	
				48.27520	41.09700	85.00000	-5.9575	-2.6019	7.2803	*	
				49.02950	41.09700	85.00000	-5.8442	-2.1334	6.8699	*	
				49.78380	41.09700	85.00000	-5.6507	-1.7735	6.4413	*	
				50.53810	41.09700	85.00000	-5.4047	-1.4896	5.9997	*	
				51.29240	41.09700	85.00000	-5.1235	-1.2605	5.5521	*	
				52.04670	41.09700	85.00000	-4.8187	-1.0721	5.1060	*	
				52.80100	41.09700	85.00000	-4.4978	-0.91458	4.6684	*	
				53.55530	41.09700	85.00000	-4.1659	-0.78103	4.2460	*	
				54.30960	41.09700	85.00000	-3.8267	-0.66637	3.8442	*	
				55.06390	41.09700	85.00000	-3.4826	-0.56682	3.4675	*	
				55.81820	41.09700	85.00000	-3.1352	-0.47951	3.1191	*	
				56.57250	41.09700	85.00000	-2.7857	-0.40223	2.8009	*	
				57.32680	41.09700	85.00000	-2.4346	-0.33326	2.5131	*	
				58.08110	41.09700	85.00000	-2.0824	-0.27120	2.2550	*	
				58.83540	41.09700	85.00000	-1.7293	-0.21495	2.0239	*	
				59.58970	41.09700	85.00000	-1.3752	-0.16362	1.8158	*	
				60.34400	41.09700	85.00000	-1.0199	-0.11644	1.6252	*	
				61.09830	41.09700	85.00000	-0.66316	-0.072817	1.4449	*	
				61.85260	41.09700	85.00000	-0.30463	-0.032220	1.2661	*	
				62.60690	41.09700	85.00000	-0.062805	-0.0064227	1.0786	*	
				63.36120	41.09700	85.00000	0.0	0.0	0.90979	*	
				64.11550	41.09700	85.00000	0.0	0.0	0.75726	*	
				64.86980	41.09700	85.00000	0.0	0.0	0.60523	*	
				65.62410	41.09700	85.00000	0.0	0.0	0.45362	*	
				66.37840	41.09700	85.00000	0.0	0.0	0.30235	*	
				67.13270	41.09700	85.00000	0.0	0.0	0.15136	*	
				67.88700	41.09700	85.00000	0.0	0.0	592.63E-6	*	
				68.64130	41.09700	85.00000	0.0	0.0	-0.0099356	*	
				69.39560	41.09700	85.00000	0.0	0.0	-0.010243	*	
				70.14990	41.09700	85.00000	0.0	0.0	-0.010429	*	
				70.90420	41.09700	85.00000	0.0	0.0	-0.010516	*	
				71.65850	41.09700	85.00000	0.0	0.0	-0.010524	*	
				72.41280	41.09700	85.00000	0.0	0.0	-0.010468	*	
				73.16710	41.09700	85.00000	0.0	0.0	-0.010362	*	
				73.92140	41.09700	85.00000	0.0	0.0	-0.010216	*	
				74.67570	41.09700	85.00000	0.0	0.0	-0.010040	*	
				75.43000	41.09700	85.00000	0.0	0.0	-0.0098392	*	
				0.00000	41.81800	85.00000	0.0	0.0	-0.0095290	*	
				0.75430	41.81800	85.00000	0.0	0.0	-0.0097509	*	
				1.50860	41.81800	85.00000	0.0	0.0	-0.0099568	*	
				2.26290	41.81800	85.00000	0.0	0.0	-0.010141	*	
				3.01720	41.81800	85.00000	0.0	0.0	-0.010297	*	
				3.77150	41.81800	85.00000	0.0	0.0	-0.010416	*	
				4.52580	41.81800	85.00000	0.0	0.0	-0.010489	*	
				5.28010	41.81800	85.00000	0.0	0.0	-0.010503	*	
				6.03440	41.81800	85.00000	0.0	0.0	-0.010443	*	
				6.78870	41.81800	85.00000	0.0	0.0	-0.010292	*	
				7.54300	41.81800	85.00000	0.0	0.0	-0.010027	*	
				8.29730	41.81800	85.00000	0.0	0.0	0.010803	*	
				9.05160	41.81800	85.00000	0.0	0.0	0.16097	*	
				9.80590	41.81800	85.00000	0.0	0.0	0.31126	*	
				10.56020	41.81800	85.00000	0.0	0.0	0.46172	*	
				11.31450	41.81800	85.00000	0.0	0.0	0.61238	*	
				12.06880	41.81800</						

Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				28.66340	41.81800	85.00000	7.2918	-4.0205	8.2181						
				29.41770	41.81800	85.00000	7.8377	-4.3215	8.7969						
				30.17200	41.81800	85.00000	8.2728	-4.5614	9.2944						
				30.92630	41.81800	85.00000	8.4360	-4.6514	9.6471						
				31.68060	41.81800	85.00000	8.5880	-4.7352	10.219						
				32.43490	41.81800	85.00000	8.7292	-4.8130	11.174						
				33.18920	41.81800	85.00000	8.8602	-4.8853	11.286						
				33.94350	41.81800	85.00000	-0.24372	-10.394	11.454						
				34.69780	41.81800	85.00000	-0.25125	-10.715	11.758						
				35.45210	41.81800	85.00000	-0.25878	-11.036	11.993						
				36.20640	41.81800	85.00000	-0.26629	-11.356	12.182						
				36.96070	41.81800	85.00000	-0.27378	-11.676	12.339						
				37.71500	41.81800	85.00000	-0.27355	-11.666	12.365						
				38.46930	41.81800	85.00000	-0.26880	-11.464	12.294						
				39.22360	41.81800	85.00000	-0.26406	-11.261	12.182						
				39.97790	41.81800	85.00000	-0.25932	-11.059	12.028						
				40.73220	41.81800	85.00000	-0.25460	-10.858	11.815						
				41.48650	41.81800	85.00000	-6.3974	-8.6119	11.759						
				42.24080	41.81800	85.00000	-6.3498	-8.5479	11.547						
				42.99510	41.81800	85.00000	-6.2979	-8.4779	10.591						
				43.74940	41.81800	85.00000	-6.1358	-8.2597	10.187						
				44.50370	41.81800	85.00000	-5.7312	-7.7151	9.6726						
				45.25800	41.81800	85.00000	-5.3408	-7.1896	9.1223						
				46.01230	41.81800	85.00000	-5.0060	-6.6185	8.5261						
				46.76660	41.81800	85.00000	-5.2556	-5.1938	7.9927						
				47.52090	41.81800	85.00000	-5.3292	-4.1172	7.4934						
				48.27520	41.81800	85.00000	-5.2791	-3.3012	7.0143						
				49.02950	41.81800	85.00000	-5.1983	-2.7048	6.5883						
				49.78380	41.81800	85.00000	-5.0931	-2.2646	6.1937						
				50.53810	41.81800	85.00000	-4.9225	-1.9104	5.7826						
				51.29240	41.81800	85.00000	-4.7055	-1.6207	5.3627						
				52.04670	41.81800	85.00000	-4.4554	-1.3802	4.9416						
				52.80100	41.81800	85.00000	-4.1813	-1.1777	4.5267						
				53.55530	41.81800	85.00000	-3.8898	-1.0052	4.1247						
				54.30960	41.81800	85.00000	-3.5857	-0.85665	3.7411						
				55.06390	41.81800	85.00000	-3.2721	-0.72742	3.3805						
				55.81820	41.81800	85.00000	-2.9515	-0.61399	3.0462						
				56.57250	41.81800	85.00000	-2.6256	-0.51357	2.7401						
				57.32680	41.81800	85.00000	-2.2955	-0.42400	2.4626						
				58.08110	41.81800	85.00000	-1.9621	-0.34349	2.2130						
				58.83540	41.81800	85.00000	-1.6257	-0.27064	1.9888						
				59.58970	41.81800	85.00000	-1.2867	-0.20427	1.7859						
				60.34400	41.81800	85.00000	-0.94507	-0.14341	1.5990						
				61.09830	41.81800	85.00000	-0.60074	-0.087273	1.4209						
				61.85260	41.81800	85.00000	-0.25701	-0.035667	1.2431						
				62.60690	41.81800	85.00000	-0.034951	-0.0046757	1.0552						
				63.36120	41.81800	85.00000	0.0	0.0	0.89236						
				64.11550	41.81800	85.00000	0.0	0.0	0.74055						
				64.86980	41.81800	85.00000	0.0	0.0	0.58913						
				65.62410	41.81800	85.00000	0.0	0.0	0.43802						
				66.37840	41.81800	85.00000	0.0	0.0	0.28715						
				67.13270	41.81800	85.00000	0.0	0.0	0.13648						
				67.88700	41.81800	85.00000	0.0	0.0	-0.0095813						
				68.64130	41.81800	85.00000	0.0	0.0	-0.010007						
				69.39560	41.81800	85.00000	0.0	0.0	-0.010289						
				70.14990	41.81800	85.00000	0.0	0.0	-0.010455						
				70.90420	41.81800	85.00000	0.0	0.0	-0.010527						
				71.65850	41.81800	85.00000	0.0	0.0	-0.010523						
				72.41280	41.81800	85.00000	0.0	0.0	-0.010458						
				73.16710	41.81800	85.00000	0.0	0.0	-0.010345						
				73.92140	41.81800	85.00000	0.0	0.0	-0.010194						
				74.67570	41.81800	85.00000	0.0	0.0	-0.010014						
				75.43000	41.81800	85.00000	0.0	0.0	-0.0098111						
				0.00000	42.53900	85.00000	0.0	0.0	-0.0094945						
				0.75430	42.53900	85.00000	0.0	0.0	-0.0097175						
				1.50860	42.53900	85.00000	0.0	0.0	-0.0092954						
				2.26290	42.53900	85.00000	0.0	0.0	-0.010113						
				3.01720	42.53900	85.00000	0.0	0.0	-0.010273						
				3.77150	42.53900	85.00000	0.0	0.0	-0.010398						
				4.52580	42.53900	85.00000	0.0	0.0	-0.010478						
				5.28010	42.53900	85.00000	0.0	0.0	-0.010503						
				6.03440	42.53900	85.00000	0.0	0.0	-0.010456						
				6.78870	42.53900	85.00000	0.0	0.0	-0.010322						
				7.54300	42.53900	85.00000	0.0	0.0	-0.010080						
				8.29730	42.53900	85.00000	0.0	0.0	-0.0097045						
				9.05160	42.53900	85.00000	0.0	0.0	-0.013967						
				9.80590	42.53900	85.00000	0.0	0.0	0.28921						
				10.56020	42.53900	85.00000	0.0	0.0	0.43885						
				11.31450	42.53900	85.00000	0.0	0.0	0.58864						
				12.06880	42.53900	85.00000	0.0	0.0	0.73863						
				12.82310	42.53900	85.00000	0.0	0.0	0.88887						
				13.57740	42.53900	85.00000	0.027155	-0.0055544	1.0486						
				14.33170	42.53900	85.00000	0.23646	-0.050666	1.2346						
				15.08600	42.53900	85.00000	0.55843	-0.12538	1.4105						
				15.84030	42.53900	85.00000	0.88810	-0.20933	1.5861						
				16.59460	42.53900	85.00000	1.2178	-0.30196	1.7699						
				17.34890	42.53900	85.00000	1.5481	-0.40464	1.9689						
				18.10320	42.53900	85.00000	1.8792	-0.51905	2.1888						
				18.85750	42.53900	85.00000	2.2115	-0.64716	2.4339						
				19.61180	42.53900	85.00000	2.5454	-0.79139	2.7070						
				20.36610	42.53900	85.00000	2.8808	-0.95466	3.0100						
				21.12040	42.53900	85.00000	3.2178	-1.1406	3.3431						
				21.87470	42.53900	85.00000	3.5561	-1.3536	3.7058						
				22.62900	42.53900	85.00000	3.8954	-1.5993	4.0963						
				23.38330	42.53900	85.00000	4.2347	-1.8847	4.5117						
				24.13760	42.53900	85.00000	4.5729	-2.2186	4.9487						
				24.89190	42.53900	85.00000	4.9081	-2.6126	5.4031						
				25.64620	42.53900	85.00000	5.3162	-2.9312	5.8995						
				26.40050	42.53900	85.00000	5.7832	-3.1887	6.4332						
				27.15480	42.53900	85.00000	6.2699	-3.4570	6.9853						
				27.90910	42.53900	85.00000	6.7766	-3.7364	7.5495						
				28.66340	42.53900	85.00000	7.2817	-4.0149	8.1035						
				29.41770	42.539										



Highgate Cemetery
B2

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				50.53810	42.53900	85.00000	-4.4545	-2.2627	5.5404
				51.29240	42.53900	85.00000	-4.2927	-1.9283	5.1485
				52.04670	42.53900	85.00000	-4.0913	-1.6471	4.7536
				52.80100	42.53900	85.00000	-3.8602	-1.4081	4.3629
				53.55530	42.53900	85.00000	-3.6065	-1.2030	3.9830
				54.30960	42.53900	85.00000	-3.3357	-1.0253	3.6196
				55.06390	42.53900	85.00000	-3.0516	-0.87014	3.2770
				55.81820	42.53900	85.00000	-2.7572	-0.73348	2.9587
				56.57250	42.53900	85.00000	-2.4546	-0.61223	2.6666
				57.32680	42.53900	85.00000	-2.1453	-0.50389	2.4011
				58.08110	42.53900	85.00000	-1.8306	-0.40643	2.1614
				58.83540	42.53900	85.00000	-1.5110	-0.31818	1.9452
				59.58970	42.53900	85.00000	-1.1872	-0.23777	1.7485
				60.34400	42.53900	85.00000	-0.85932	-0.16407	1.5658
				61.09830	42.53900	85.00000	-0.52753	-0.096097	1.3902
				61.85260	42.53900	85.00000	-0.21523	-0.037906	1.2131
				62.60690	42.53900	85.00000	-634.33E-6	-105.73E-6	1.0243
				63.36120	42.53900	85.00000	0.0	0.0	0.86966
				64.11550	42.53900	85.00000	0.0	0.0	0.71881
				64.86980	42.53900	85.00000	0.0	0.0	0.56825
				65.62410	42.53900	85.00000	0.0	0.0	0.41793
				66.37840	42.53900	85.00000	0.0	0.0	0.26779
				67.13270	42.53900	85.00000	0.0	0.0	0.11779
				67.88700	42.53900	85.00000	0.0	0.0	-0.0096888
				68.64130	42.53900	85.00000	0.0	0.0	-0.010080
				69.39560	42.53900	85.00000	0.0	0.0	-0.010335
				70.14990	42.53900	85.00000	0.0	0.0	-0.010480
				70.90420	42.53900	85.00000	0.0	0.0	-0.010536
				71.65850	42.53900	85.00000	0.0	0.0	-0.010519
				72.41280	42.53900	85.00000	0.0	0.0	-0.010445
				73.16710	42.53900	85.00000	0.0	0.0	-0.010325
				73.92140	42.53900	85.00000	0.0	0.0	-0.010169
				74.67570	42.53900	85.00000	0.0	0.0	-0.0099844
				75.43000	42.53900	85.00000	0.0	0.0	-0.0097788
				0.00000	43.26000	85.00000	0.0	0.0	-0.0094556
				0.75430	43.26000	85.00000	0.0	0.0	-0.0096799
				1.50860	43.26000	85.00000	0.0	0.0	-0.0098898
				2.26290	43.26000	85.00000	0.0	0.0	-0.010080
				3.01720	43.26000	85.00000	0.0	0.0	-0.010245
				3.77150	43.26000	85.00000	0.0	0.0	-0.010376
				4.52580	43.26000	85.00000	0.0	0.0	-0.010465
				5.28010	43.26000	85.00000	0.0	0.0	-0.010500
				6.03440	43.26000	85.00000	0.0	0.0	-0.010469
				6.78870	43.26000	85.00000	0.0	0.0	-0.010354
				7.54300	43.26000	85.00000	0.0	0.0	-0.010136
				8.29730	43.26000	85.00000	0.0	0.0	-0.0097907
				9.05160	43.26000	85.00000	0.0	0.0	0.11401
				9.80590	43.26000	85.00000	0.0	0.0	0.26266
				10.56020	43.26000	85.00000	0.0	0.0	0.41134
				11.31450	43.26000	85.00000	0.0	0.0	0.56010
				12.06880	43.26000	85.00000	0.0	0.0	0.70896
				12.82310	43.26000	85.00000	0.0	0.0	0.85797
				13.57740	43.26000	85.00000	0.0	0.0	1.0072
				14.33170	43.26000	85.00000	0.19024	-0.049295	1.1948
				15.08600	43.26000	85.00000	0.48174	-0.13040	1.3706
				15.84030	43.26000	85.00000	0.80717	-0.22889	1.5439
				16.59460	43.26000	85.00000	1.1321	-0.33713	1.7232
				17.34890	43.26000	85.00000	1.4569	-0.45664	1.9156
				18.10320	43.26000	85.00000	1.7820	-0.58922	2.1271
				18.85750	43.26000	85.00000	2.1074	-0.73700	2.3620
				19.61180	43.26000	85.00000	2.4334	-0.90251	2.6235
				20.36610	43.26000	85.00000	2.7600	-1.0888	2.9132
				21.12040	43.26000	85.00000	3.0869	-1.2997	3.2320
				21.87470	43.26000	85.00000	3.4138	-1.5395	3.5790
				22.62900	43.26000	85.00000	3.7399	-1.8139	3.9529
				23.38330	43.26000	85.00000	4.0644	-2.1295	4.3508
				24.13760	43.26000	85.00000	4.4230	-2.4387	4.7825
				24.89190	43.26000	85.00000	4.8560	-2.6775	5.2644
				25.64620	43.26000	85.00000	5.3075	-2.9264	5.7759
				26.40050	43.26000	85.00000	5.7779	-3.1858	6.3123
				27.15480	43.26000	85.00000	6.2677	-3.4558	6.8676
				27.90910	43.26000	85.00000	6.5106	-3.5897	7.2467
				28.66340	43.26000	85.00000	6.6746	-3.6802	7.5544
				29.41770	43.26000	85.00000	6.8256	-3.7634	7.8388
				30.17200	43.26000	85.00000	6.9641	-3.8398	8.1111
				30.92630	43.26000	85.00000	6.9611	-4.0144	8.4230
				31.68060	43.26000	85.00000	6.1417	-4.6926	8.9834
				32.43490	43.26000	85.00000	4.4500	-5.6806	9.6161
				33.18920	43.26000	85.00000	1.7723	-7.6315	10.129
				33.94350	43.26000	85.00000	-0.21863	-9.3239	10.661
				34.69780	43.26000	85.00000	-0.22558	-9.6204	10.982
				35.45210	43.26000	85.00000	-0.23252	-9.9163	10.857
				36.20640	43.26000	85.00000	-0.23944	-10.212	11.123
				36.96070	43.26000	85.00000	-0.24635	-10.506	11.442
				37.71500	43.26000	85.00000	-0.24664	-10.519	11.554
				38.46930	43.26000	85.00000	-0.24225	-10.331	11.457
				39.22360	43.26000	85.00000	-0.23786	-10.144	10.859
				39.97790	43.26000	85.00000	-0.23349	-9.9576	10.745
				40.73220	43.26000	85.00000	-0.22912	-9.7713	10.679
				41.48650	43.26000	85.00000	-2.9950	-8.2887	10.396
				42.24080	43.26000	85.00000	-5.6125	-7.5553	10.294
				42.99510	43.26000	85.00000	-5.5648	-7.4910	9.4950
				43.74940	43.26000	85.00000	-5.5122	-7.4203	9.2168
				44.50370	43.26000	85.00000	-5.4549	-7.3431	9.0050
				45.25800	43.26000	85.00000	-5.1186	-6.8904	8.5183
				46.01230	43.26000	85.00000	-4.7564	-6.4029	7.9914
				46.76660	43.26000	85.00000	-4.4080	-5.9339	7.4696
				47.52090	43.26000	85.00000	-4.3496	-5.1572	7.0147
				48.27520	43.26000	85.00000	-4.3772	-4.3259	6.5910
				49.02950	43.26000	85.00000	-4.3298	-3.6336	6.1657
				49.78380	43.26000	85.00000	-4.2237	-3.0576	5.7416
				50.53810	43.26000	85.00000	-4.0725	-2.5772	5.3220
				51.29240	43.26000	85.00000	-3.8934	-2.1780	4.9147
				52.04670	43.26000	85.00000	-3.7339	-1.8677	4.5465
				52.80100	43.26000	85.00000	-3.5408	-1.6011	4.1810
				53.55530	43.26000	85.00000	-3.3215	-1.3702	3.8245
				54.30960	43.26000	85.00000	-3.0816	-1.1687	3.4827
				55.06390	43.26000	85.00000	-2.8252	-0.99172	3.1597
				55.81820	43.26000	85.00000	-2.5558	-0.83514	2.8589
				56.57250	43.26000	85.00000	-2.2756	-0.69571	2.5822
				57.32680	43.26000	85.00000	-1.9866	-0.57074	2.3300
				58.08110	43.26000	85.00000	-1.6901	-0.45806	2.1013
				58.83540	43.26000	85.00000	-1.3871	-0.35585	1.8940
				59.58970	43.26000	85.00000	-1.0783	-0.26259	1.7040
				60.34400	43.26000	85.00000	-0.76413	-0.17700	1.5259
				61.09830	43.26000	85.00000	-0.44484	-0.098034	1.3529
				61.85260	43.26000	85.00000	-0.16776	-0.035127	1.1762
				62.60690	43.26000	85.00000	0.0	0.0	0.99179
				63.36120	43.26000	85.00000	0.0	0.0	0.84181
				64.11550	43.26000	85.00000	0.0	0.0	0.69208
				64.86980	43.26000	85.00000	0.0	0.0	0.54256
				65.62410	43.26000	85.00000	0.0	0.0	0.39319
				66.37840	43.26000	85.00000	0.0	0.0	0.24393
				67.13270	43.26000	85.00000	0.0	0.0	0.094734
				67.88700	43.26000	85.00000	0.0	0.0	-0.0097985
				68.64130	43.26000	85.00000	0.0	0.0	-0.010154
				69.39560	43.26000	85.00000	0.0	0.0	-0.010381
				70.14990	43.26000	85.00000	0.0	0.0	-0.010503
				70.90420	43.26000	85.00000	0.0	0.0	-0.010542
				71.65850	43.26000	85.00000	0.0	0.0	-0.010512

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B2										Job No.	Sheet No.	Rev.
										3500		
											Drg. Ref.	
										Made by PES	Date 01-Nov-2024	Checked

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				72.41280	43.26000	85.00000	0.0	0.0	-0.010428
				73.16710	43.26000	85.00000	0.0	0.0	-0.010300
				73.92140	43.26000	85.00000	0.0	0.0	-0.010139
				74.67570	43.26000	85.00000	0.0	0.0	-0.0099504
				75.43000	43.26000	85.00000	0.0	0.0	-0.0097420
				0.00000	43.98100	85.00000	0.0	0.0	-0.0094124
				0.75430	43.98100	85.00000	0.0	0.0	-0.0096380
				1.50860	43.98100	85.00000	0.0	0.0	-0.0098500
				2.26290	43.98100	85.00000	0.0	0.0	-0.010044
				3.01720	43.98100	85.00000	0.0	0.0	-0.010213
				3.77150	43.98100	85.00000	0.0	0.0	-0.010351
				4.52580	43.98100	85.00000	0.0	0.0	-0.010448
				5.28010	43.98100	85.00000	0.0	0.0	-0.010495
				6.03440	43.98100	85.00000	0.0	0.0	-0.010479
				6.78870	43.98100	85.00000	0.0	0.0	-0.010384
				7.54300	43.98100	85.00000	0.0	0.0	-0.010191
				8.29730	43.98100	85.00000	0.0	0.0	-0.0098788
				9.05160	43.98100	85.00000	0.0	0.0	0.084059
				9.80590	43.98100	85.00000	0.0	0.0	0.23169
				10.56020	43.98100	85.00000	0.0	0.0	0.37928
				11.31450	43.98100	85.00000	0.0	0.0	0.52685
				12.06880	43.98100	85.00000	0.0	0.0	0.67442
				12.82310	43.98100	85.00000	0.0	0.0	0.82204
				13.57740	43.98100	85.00000	0.0	0.0	0.96975
				14.33170	43.98100	85.00000	0.13627	-0.041285	1.1475
				15.08600	43.98100	85.00000	0.39304	-0.12425	1.3239
				15.84030	43.98100	85.00000	0.71384	-0.23592	1.4951
				16.59460	43.98100	85.00000	1.0336	-0.35820	1.6697
				17.34890	43.98100	85.00000	1.3526	-0.49266	1.8551
				18.10320	43.98100	85.00000	1.6710	-0.64116	2.0573
				18.85750	43.98100	85.00000	1.9891	-0.80589	2.2808
				19.61180	43.98100	85.00000	2.3068	-0.98943	2.5289
				20.36610	43.98100	85.00000	2.6239	-1.1948	2.8035
				21.12040	43.98100	85.00000	2.9402	-1.4257	3.1055
				21.87470	43.98100	85.00000	3.2552	-1.6865	3.4343
				22.62900	43.98100	85.00000	3.5765	-1.9720	3.7910
				23.38330	43.98100	85.00000	3.9783	-2.1935	4.2001
				24.13760	43.98100	85.00000	4.3974	-2.4246	4.6458
				24.89190	43.98100	85.00000	4.8344	-2.6656	5.1262
				25.64620	43.98100	85.00000	5.2897	-2.9166	5.6377
				26.40050	43.98100	85.00000	5.6088	-3.0925	6.0759
				27.15480	43.98100	85.00000	5.7831	-3.1886	6.4143
				27.90910	43.98100	85.00000	5.9432	-3.2769	6.7282
				28.66340	43.98100	85.00000	6.0897	-3.3577	7.0155
				29.41770	43.98100	85.00000	6.2230	-3.4312	7.2771
				30.17200	43.98100	85.00000	6.0046	-3.8442	7.6138
				30.92630	43.98100	85.00000	5.4794	-4.3778	7.9189
				31.68060	43.98100	85.00000	4.5180	-5.0582	8.1880
				32.43490	43.98100	85.00000	3.0130	-6.0183	8.4480
				33.18920	43.98100	85.00000	1.1476	-7.6328	8.9333
				33.94350	43.98100	85.00000	-0.20665	-8.8129	9.3421
				34.69780	43.98100	85.00000	-0.21331	-9.0969	9.6340
				35.45210	43.98100	85.00000	-0.21995	-9.3802	9.8304
				36.20640	43.98100	85.00000	-0.22658	-9.6630	10.013
				36.96070	43.98100	85.00000	-0.23320	-9.9451	10.210
				37.71500	43.98100	85.00000	-0.23971	-9.9671	10.250
				38.46930	43.98100	85.00000	-0.22950	-9.7874	10.133
				39.22360	43.98100	85.00000	-0.22529	-9.6080	9.9505
				39.97790	43.98100	85.00000	-0.22109	-9.4290	9.7672
				40.73220	43.98100	85.00000	-0.21690	-9.2503	9.5745
				41.48650	43.98100	85.00000	-2.0457	-8.2190	9.2396
				42.24080	43.98100	85.00000	-4.2238	-7.4025	9.0679
				42.99510	43.98100	85.00000	-5.2174	-7.0234	8.8812
				43.74940	43.98100	85.00000	-5.1667	-6.9551	8.6799
				44.50370	43.98100	85.00000	-5.1109	-6.8801	8.4859
				45.25800	43.98100	85.00000	-5.0001	-6.7309	8.2331
				46.01230	43.98100	85.00000	-4.6447	-6.2525	7.7163
				46.76660	43.98100	85.00000	-4.3030	-5.7926	7.2070
				47.52090	43.98100	85.00000	-3.9749	-5.3508	6.7115
				48.27520	43.98100	85.00000	-3.9869	-4.5937	6.3110
				49.02950	43.98100	85.00000	-3.3622	-3.9162	5.9120
				49.78380	43.98100	85.00000	-3.8831	-3.3366	5.5113
				50.53810	43.98100	85.00000	-3.7601	-2.8417	5.1131
				51.29240	43.98100	85.00000	-3.6023	-2.4186	4.7218
				52.04670	43.98100	85.00000	-3.4171	-2.0560	4.3414
				52.80100	43.98100	85.00000	-3.2282	-1.7540	3.9851
				53.55530	43.98100	85.00000	-3.0393	-1.5041	3.6529
				54.30960	43.98100	85.00000	-2.8273	-1.2843	3.3336
				55.06390	43.98100	85.00000	-2.5965	-1.0898	3.0313
				55.81820	43.98100	85.00000	-2.3503	-0.91678	2.7492
				56.57250	43.98100	85.00000	-2.0914	-0.76199	2.4888
				57.32680	43.98100	85.00000	-1.8217	-0.62273	2.2507
				58.08110	43.98100	85.00000	-1.5428	-0.49674	2.0339
				58.83540	43.98100	85.00000	-1.2559	-0.38214	1.8360
				59.58970	43.98100	85.00000	-0.96172	-0.27734	1.6531
				60.34400	43.98100	85.00000	-0.66097	-0.18099	1.4797
				61.09830	43.98100	85.00000	-0.35398	-0.091950	1.3090
				61.85260	43.98100	85.00000	-0.11540	-0.028499	1.1322
				62.60690	43.98100	85.00000	0.0	0.0	0.95746
				63.36120	43.98100	85.00000	0.0	0.0	0.80890
				64.11550	43.98100	85.00000	0.0	0.0	0.66049
				64.86980	43.98100	85.00000	0.0	0.0	0.51216
				65.62410	43.98100	85.00000	0.0	0.0	0.36389
				66.37840	43.98100	85.00000	0.0	0.0	0.21564
				67.13270	43.98100	85.00000	0.0	0.0	0.067385
				67.88700	43.98100	85.00000	0.0	0.0	-0.0099080
				68.64130	43.98100	85.00000	0.0	0.0	-0.010226
				69.39560	43.98100	85.00000	0.0	0.0	-0.010424
				70.14990	43.98100	85.00000	0.0	0.0	-0.010524
				70.90420	43.98100	85.00000	0.0	0.0	-0.010545
				71.65850	43.98100	85.00000	0.0	0.0	-0.010502
				72.41280	43.98100	85.00000	0.0	0.0	-0.010407
				73.16710	43.98100	85.00000	0.0	0.0	-0.010272
				73.92140	43.98100	85.00000	0.0	0	

Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD	Job No.		Sheet No.		Rev.				
	3500								
	Drg. Ref.								
	Made by PES		Date 01-Nov-2024		Checked	Date			
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				18.10320	44.70200	85.00000	1.5472	-0.67325	1.9807
				18.85750	44.70200	85.00000	1.8575	-0.85217	2.1919
				19.61180	44.70200	85.00000	2.1665	-1.0504	2.4255
				20.36610	44.70200	85.00000	2.4739	-1.2710	2.6834
				21.12040	44.70200	85.00000	2.7794	-1.5172	2.9667
				21.87470	44.70200	85.00000	3.1428	-1.7329	3.2915
				22.62900	44.70200	85.00000	3.5325	-1.9477	3.6560
				23.38330	44.70200	85.00000	3.9390	-2.1718	4.0589
				24.13760	44.70200	85.00000	4.3625	-2.4053	4.4998
				24.89190	44.70200	85.00000	4.7380	-2.6124	4.9413
				25.64620	44.70200	85.00000	4.9254	-2.7157	5.2892
				26.40050	44.70200	85.00000	5.0976	-2.8107	5.6230
				27.15480	44.70200	85.00000	5.2550	-2.8974	5.9376
				27.90910	44.70200	85.00000	5.3980	-2.9763	6.2287
				28.66340	44.70200	85.00000	5.4223	-3.2254	6.5665
				29.41770	44.70200	85.00000	5.2743	-3.5993	6.9042
				30.17200	44.70200	85.00000	4.9336	-4.0390	7.1994
				30.92630	44.70200	85.00000	4.3322	-4.5623	7.4447
				31.68060	44.70200	85.00000	3.3942	-5.1851	7.6309
				32.43490	44.70200	85.00000	2.2307	-6.1894	7.9666
				33.18920	44.70200	85.00000	0.81655	-7.4172	8.3420
				33.94350	44.70200	85.00000	-0.19501	-8.3168	8.6614
				34.69780	44.70200	85.00000	-0.20138	-8.5882	8.9219
				35.45210	44.70200	85.00000	-0.20773	-8.8591	9.1438
				36.20640	44.70200	85.00000	-0.21407	-9.1293	9.3422
				36.96070	44.70200	85.00000	-0.22039	-9.3989	9.5265
				37.71500	44.70200	85.00000	-0.22111	-9.4296	9.5538
				38.46930	44.70200	85.00000	-0.21707	-9.2575	9.4367
				39.22360	44.70200	85.00000	-0.21304	-9.0857	9.2916
				39.97790	44.70200	85.00000	-0.20903	-8.9143	9.1272
				40.73220	44.70200	85.00000	-0.20501	-8.7433	8.9434
				41.48650	44.70200	85.00000	-1.5134	-7.9860	8.6645
				42.24080	44.70200	85.00000	-3.1647	-7.1902	8.4303
				42.99510	44.70200	85.00000	-4.5353	-6.6990	8.3122
				43.74940	44.70200	85.00000	-4.8335	-6.5066	8.1452
				44.50370	44.70200	85.00000	-4.7792	-6.4335	7.9651
				45.25800	44.70200	85.00000	-4.7197	-6.3535	7.7684
				46.01230	44.70200	85.00000	-4.5277	-6.0950	7.4228
				46.76660	44.70200	85.00000	-4.1925	-5.6438	6.9234
				47.52090	44.70200	85.00000	-3.8708	-5.2107	6.4396
				48.27520	44.70200	85.00000	-3.6328	-4.7331	5.9952
				49.02950	44.70200	85.00000	-3.6217	-4.0870	5.6246
				49.78380	44.70200	85.00000	-3.5615	-3.5206	5.2501
				50.53810	44.70200	85.00000	-3.4601	-3.0264	4.8763
				51.29240	44.70200	85.00000	-3.3248	-2.5961	4.5080
				52.04670	44.70200	85.00000	-3.1637	-2.2214	4.1493
				52.80100	44.70200	85.00000	-2.9762	-1.8945	3.8042
				53.55530	44.70200	85.00000	-2.7726	-1.6088	3.4759
				54.30960	44.70200	85.00000	-2.5760	-1.3705	3.1756
				55.06390	44.70200	85.00000	-2.3683	-1.1628	2.8946
				55.81820	44.70200	85.00000	-2.1435	-0.97685	2.6317
				56.57250	44.70200	85.00000	-1.9042	-0.80960	2.3884
				57.32680	44.70200	85.00000	-1.6527	-0.65843	2.1650
				58.08110	44.70200	85.00000	-1.3905	-0.52113	1.9604
				58.83540	44.70200	85.00000	-1.1190	-0.39582	1.7722
				59.58970	44.70200	85.00000	-0.83897	-0.28089	1.5963
				60.34400	44.70200	85.00000	-0.55121	-0.17496	1.4274
				61.09830	44.70200	85.00000	-0.25618	-0.076847	1.2585
				61.85260	44.70200	85.00000	-0.058958	-0.016861	1.0809
				62.60690	44.70200	85.00000	0.0	0.0	0.91806
				63.36120	44.70200	85.00000	0.0	0.0	0.77109
				64.11550	44.70200	85.00000	0.0	0.0	0.62413
				64.86980	44.70200	85.00000	0.0	0.0	0.47714
				65.62410	44.70200	85.00000	0.0	0.0	0.33010
				66.37840	44.70200	85.00000	0.0	0.0	0.18300
				67.13270	44.70200	85.00000	0.0	0.0	0.035818
				67.88700	44.70200	85.00000	0.0	0.0	-0.010015
				68.64130	44.70200	85.00000	0.0	0.0	-0.010296
				69.39560	44.70200	85.00000	0.0	0.0	-0.010464
				70.14990	44.70200	85.00000	0.0	0.0	-0.010541
				70.90420	44.70200	85.00000	0.0	0.0	-0.010544
				71.65850	44.70200	85.00000	0.0	0.0	-0.010487
				72.41280	44.70200	85.00000	0.0	0.0	-0.010382
				73.16710	44.70200	85.00000	0.0	0.0	-0.010238
				73.92140	44.70200	85.00000	0.0	0.0	-0.010065
				74.67570	44.70200	85.00000	0.0	0.0	-0.0098688
				75.43000	44.70200	85.00000	0.0	0.0	-0.0096550
				0.00000	45.42300	85.00000	0.0	0.0	-0.0093131
				0.75430	45.42300	85.00000	0.0	0.0	-0.0095410
				1.50860	45.42300	85.00000	0.0	0.0	-0.0097572
				2.26290	45.42300	85.00000	0.0	0.0	-0.0099575
				3.01720	45.42300	85.00000	0.0	0.0	-0.010136
				3.77150	45.42300	85.00000	0.0	0.0	-0.010288
				4.52580	45.42300	85.00000	0.0	0.0	-0.010404
				5.28010	45.42300	85.00000	0.0	0.0	-0.010475
				6.03440	45.42300	85.00000	0.0	0.0	-0.010490
				6.78870	45.42300	85.00000	0.0	0.0	-0.010437
				7.54300	45.42300	85.00000	0.0	0.0	-0.010297
				8.29730	45.42300	85.00000	0.0	0.0	-0.010053
				9.05160	45.42300	85.00000	0.0	0.0	0.011653
				9.80590	45.42300	85.00000	0.0	0.0	0.15689
				10.56020	45.42300	85.00000	0.0	0.0	0.30190
				11.31450	45.42300	85.00000	0.0	0.0	0.44671
				12.06880	45.42300	85.00000	0.0	0.0	0.59130
				12.82310	45.42300	85.00000	0.0	0.0	0.73569
				13.57740	45.42300	85.00000	0.0	0.0	0.87988
				14.33170	45.42300	85.00000	0.0058778	-0.0022767	1.0287
				15.08600	45.42300	85.00000	0.20673	-0.083542	1.2094
				15.84030	45.42300	85.00000	0.49216	-0.20725	1.3785
				16.59460	45.42300	85.00000	0.80062	-0.35255	1.5448
				17.34890	45.42300	85.00000	1.1070	-0.51097	1.7161
				18.10320	45.42300	85.00000	1.4113	-0.68432	1.8985
				18.85750	45.42300	85.00000	1.7137	-0.87470	2.0971
				19.61180	45.42300	85.00000	2.0138	-1.0845	2.3153
				20.36610	45.42300	85.00000	2.3424	-1.2916	2.5616
				21.12040	45.42300	85.00000	2.7056	-1.4918	2.8432
				21.87470	45.42300	85.00000	3.0842	-1.7006	3.1608
				22.62900	45.42300	85.00000	3.4789	-1.9182	3.5165
				23.38330	45.42300	85.00000	3.8901	-2.1449	3.9116
				24.13760	45.42300	85.00000	4.0944	-2.2575	4.2408
				24.89190	45.42300	85.00000	4.2814	-2.3606	4.5684
				25.64620	45.42300	85.00000	4.4525	-2.4550	4.8889
				26.40050	45.42300	85.00000	4.6081	-2.5408	5.1965
				27.15480	45.42300	85.00000	4.7257	-2.7005	5.5249
				27.90910	45.42300	85.00000	4.7475	-2.9940	5.8889
				28.66340	45.42300	85.00000	4.6654	-3.3237	6.2271
				29.41770	45.42300	85.00000	4.4483	-3.6978	6.5304
				30.17200	45.42300	85.00000	4.0584	-4.1248	6.7897
				30.92630	45.42300	85.00000	3.4544	-4.6122	6.9971
				31.68060	45.42300	85.00000	2.6470	-5.2404	7.2108
				32.43490	45.42300	85.00000	1.7191	-6.1500	7.5489
				33.18920	45.42300	85.00000	0.61341	-7.1145	7.8517
				33.94350	45.42300	85.00000	-0.18372	-7.8350	8.1109
				34.69780	45.42300	85.00000	-0.18979	-8.0939	8.3476
				35.45210	45.42300	85.00000	-0.19585	-8.3523	8.5608
				36.20640	45.42300	85.00000	-0.20189	-8.6100	8.7546
				36.96070	45.42300	85.00000	-0.20792	-8.8670	8.9319
				37.71500	45.42300	85.00000	-0.20882	-8.9055	8.9599
				38.46930	45.42300	85.00000	-0.20496	-8.7409	8.8460
				39.22360	45.42300	85.00000	-0.20111	-8.5768	



Highgate Cemetery
B2

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				39.97790	45.42300	85.00000	-0.19727	-8.4129	8.5639
				40.73220	45.42300	85.00000	-0.19344	-8.2495	8.3974
				41.48650	45.42300	85.00000	-1.1727	-7.6656	8.1674
				42.24080	45.42300	85.00000	-2.4484	-6.9049	7.8882
				42.99510	45.42300	85.00000	-3.6147	-6.4932	7.7912
				43.74940	45.42300	85.00000	-4.5019	-6.0790	7.6221
				44.50370	45.42300	85.00000	-4.4595	-6.0032	7.4481
				45.25800	45.42300	85.00000	-4.4012	-5.9247	7.2538
				46.01230	45.42300	85.00000	-4.3375	-5.8390	7.0408
				46.76660	45.42300	85.00000	-4.0763	-5.4874	6.6200
				47.52090	45.42300	85.00000	-3.7609	-5.0627	6.1481
				48.27520	45.42300	85.00000	-3.4586	-4.6558	5.6979
				49.02950	45.42300	85.00000	-3.3064	-4.1627	5.3111
				49.78380	45.42300	85.00000	-3.2590	-3.6203	4.9647
				50.53810	45.42300	85.00000	-3.1738	-3.1378	4.6175
				51.29240	45.42300	85.00000	-3.0562	-2.7104	4.2744
				52.04670	45.42300	85.00000	-2.9116	-2.3326	3.9397
				52.80100	45.42300	85.00000	-2.7443	-1.9986	3.6172
				53.55530	45.42300	85.00000	-2.5582	-1.7033	3.3102
				54.30960	45.42300	85.00000	-2.3566	-1.4416	3.0212
				55.06390	45.42300	85.00000	-2.1431	-1.2099	2.7522
				55.81820	45.42300	85.00000	-1.9375	-1.0144	2.5088
				56.57250	45.42300	85.00000	-1.7163	-0.83750	2.2827
				57.32680	45.42300	85.00000	-1.4816	-0.67681	2.0741
				58.08110	45.42300	85.00000	-1.2351	-0.53022	1.8818
				58.83540	45.42300	85.00000	-0.97802	-0.39590	1.7031
				59.58970	45.42300	85.00000	-0.71144	-0.27228	1.5341
				60.34400	45.42300	85.00000	-0.43612	-0.15800	1.3691
				61.09830	45.42300	85.00000	-0.17985	-0.061559	1.2012
				61.85260	45.42300	85.00000	0.0	0.0	1.0189
				62.60690	45.42300	85.00000	0.0	0.0	0.87374
				63.36120	45.42300	85.00000	0.0	0.0	0.72850
				64.11550	45.42300	85.00000	0.0	0.0	0.58314
				64.86980	45.42300	85.00000	0.0	0.0	0.43762
				65.62410	45.42300	85.00000	0.0	0.0	0.29195
				66.37840	45.42300	85.00000	0.0	0.0	0.14612
				67.13270	45.42300	85.00000	0.0	0.0	118.18E-6
				67.88700	45.42300	85.00000	0.0	0.0	-0.010118
				68.64130	45.42300	85.00000	0.0	0.0	-0.010361
				69.39560	45.42300	85.00000	0.0	0.0	-0.010499
				70.14990	45.42300	85.00000	0.0	0.0	-0.010553
				70.90420	45.42300	85.00000	0.0	0.0	-0.010538
				71.65850	45.42300	85.00000	0.0	0.0	-0.010467
				72.41280	45.42300	85.00000	0.0	0.0	-0.010351
				73.16710	45.42300	85.00000	0.0	0.0	-0.010200
				73.92140	45.42300	85.00000	0.0	0.0	-0.010021
				74.67570	45.42300	85.00000	0.0	0.0	-0.0098210
				75.43000	45.42300	85.00000	0.0	0.0	-0.0096046
				0.00000	46.14400	85.00000	0.0	0.0	-0.0092570
				0.75430	46.14400	85.00000	0.0	0.0	-0.0094858
				1.50860	46.14400	85.00000	0.0	0.0	-0.0097041
				2.26290	46.14400	85.00000	0.0	0.0	-0.0099075
				3.01720	46.14400	85.00000	0.0	0.0	-0.010091
				3.77150	46.14400	85.00000	0.0	0.0	-0.010249
				4.52580	46.14400	85.00000	0.0	0.0	-0.010375
				5.28010	46.14400	85.00000	0.0	0.0	-0.010458
				6.03440	46.14400	85.00000	0.0	0.0	-0.010490
				6.78870	46.14400	85.00000	0.0	0.0	-0.010457
				7.54300	46.14400	85.00000	0.0	0.0	-0.010345
				8.29730	46.14400	85.00000	0.0	0.0	-0.010135
				9.05160	46.14400	85.00000	0.0	0.0	-0.0098060
				9.80590	46.14400	85.00000	0.0	0.0	0.11326
				10.56020	46.14400	85.00000	0.0	0.0	0.25682
				11.31450	46.14400	85.00000	0.0	0.0	0.40007
				12.06880	46.14400	85.00000	0.0	0.0	0.54299
				12.82310	46.14400	85.00000	0.0	0.0	0.68557
				13.57740	46.14400	85.00000	0.0	0.0	0.82782
				14.33170	46.14400	85.00000	0.0	0.0	0.96972
				15.08600	46.14400	85.00000	0.12813	-0.057113	1.1407
				15.84030	46.14400	85.00000	0.36495	-0.16954	1.3105
				16.59460	46.14400	85.00000	0.66749	-0.32380	1.4740
				17.34890	46.14400	85.00000	0.96728	-0.49124	1.6390
				18.10320	46.14400	85.00000	1.2643	-0.67359	1.8119
				18.85750	46.14400	85.00000	1.5699	-0.86561	1.9994
				19.61180	46.14400	85.00000	1.9093	-1.0527	2.2111
				20.36610	46.14400	85.00000	2.2631	-1.2478	2.4503
				21.12040	46.14400	85.00000	2.6318	-1.4511	2.7216
				21.87470	46.14400	85.00000	3.0158	-1.6628	3.0286
				22.62900	46.14400	85.00000	3.2828	-1.8100	3.3281
				23.38330	46.14400	85.00000	3.4875	-1.9229	3.6239
				24.13760	46.14400	85.00000	3.6752	-2.0264	3.9244
				24.89190	46.14400	85.00000	3.8463	-2.1207	4.2240
				25.64620	46.14400	85.00000	4.0005	-2.2291	4.5279
				26.40050	46.14400	85.00000	4.1130	-2.4741	4.8866
				27.15480	46.14400	85.00000	4.1621	-2.7416	5.2371
				27.90910	46.14400	85.00000	4.1316	-3.0388	5.5710
				28.66340	46.14400	85.00000	4.0018	-3.3614	5.8792
				29.41770	46.14400	85.00000	3.7494	-3.7230	6.1532
				30.17200	46.14400	85.00000	3.3494	-4.1244	6.3846
				30.92630	46.14400	85.00000	2.7792	-4.5665	6.5664
				31.68060	46.14400	85.00000	2.1362	-5.2349	6.6532
				32.43490	46.14400	85.00000	1.3628	-5.9951	7.1409
				33.18920	46.14400	85.00000	0.47706	-6.7721	7.3905
				33.94350	46.14400	85.00000	-0.17274	-7.3669	7.6037
				34.69780	46.14400	85.00000	-0.17852	-7.6133	7.8172
				35.45210	46.14400	85.00000	-0.18428	-7.8591	8.0147
				36.20640	46.14400	85.00000	-0.19003	-8.1042	8.1970
				36.96070	46.14400	85.00000	-0.19576	-8.3487	8.3650
				37.71500	46.14400	85.00000	-0.19683	-8.3940	8.3956
				38.46930	46.14400	85.00000	-0.19314	-8.2371	8.2864
				39.22360	46.14400	85.00000	-0.18947	-8.0805	8.1633
				39.97790	46.14400	85.00000	-0.18581	-7.9242	8.0268
				40.73220	46.14400	85.00000	-0.18215	-7.7683	7.8774
				41.48650	46.14400	85.00000	-0.93717	-7.3028	7.6864
				42.24080	46.14400	85.00000	-1.9679	-6.6651	7.4391
				42.99510	46.14400	85.00000	-2.9261	-6.2339	7.2930
				43.74940	46.14400	85.00000	-3.7187	-5.8721	7.1400
				44.50370	46.14400	85.00000	-4.1516	-5.5887	6.9404
				45.25800	46.14400	85.00000	-4.0943	-5.5116	6.7473
				46.01230	46.14400	85.00000	-4.0315	-5.4271	6.5355
				46.76660	46.14400	85.00000	-3.9542	-5.3229	6.2990
				47.52090	46.14400	85.00000	-3.6448	-4.9065	5.8401
				48.27520	46.14400	85.00000	-3.3485	-4.5076	5.4046
				49.02950	46.14400	85.00000	-3.0652	-4.1262	4.9951
				49.78380	46.14400	85.00000	-2.9749	-3.6468	4.6620
				50.53810	46.14400	85.00000	-2.9014	-3.1834	4.3429
				51.29240	46.14400	85.00000	-2.7977	-2.7664	4.0266
				52.04670	46.14400	85.00000	-2.6681	-2.3925	3.7174
				52.80100	46.14400	85.00000	-2.5162	-2.0580	3.4191
				53.55530	46.14400	85.00000	-2.3454	-1.7587	3.1348
				54.30960	46.14400	85.00000	-2.1585	-1.4908	2.8668
				55.06390	46.14400	85.00000	-1.9581	-1.2509	2.6168
				55.81820	46.14400	85.00000	-1.7460	-1.0356	2.3854
				56.57250	46.14400	85.00000	-1.5294	-0.84514	2.1735
				57.32680	46.14400	85.00000	-1.3100	-0.67723	1.9795
				58.08110	46.14400	85.00000	-1.0779	-0.52329	1.7991
				58.83540	46.14400	85.00000	-0.83438	-0.38164	1.6295
				59.58970	46.14400	85.00000	-0.58043	-0.25078	1.4666
				60.34400	46.14400	85.00000	-0.31687	-0.12938	1.3047
				61.09830	46.14400	85.00000	-0.11026	-0.042626	1.1368



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				61.85260	46.14400	85.00000	0.0	0.0	0.96776	*
				62.60690	46.14400	85.00000	0.0	0.0	0.82467	*
				63.36120	46.14400	85.00000	0.0	0.0	0.68130	*
				64.11550	46.14400	85.00000	0.0	0.0	0.53765	*
				64.86980	46.14400	85.00000	0.0	0.0	0.39374	*
				65.62410	46.14400	85.00000	0.0	0.0	0.24955	*
				66.37840	46.14400	85.00000	0.0	0.0	0.10509	*
				67.13270	46.14400	85.00000	0.0	0.0	-0.0098931	*
				67.88700	46.14400	85.00000	0.0	0.0	-0.010215	*
				68.64130	46.14400	85.00000	0.0	0.0	-0.010420	*
				69.39560	46.14400	85.00000	0.0	0.0	-0.010529	*
				70.14990	46.14400	85.00000	0.0	0.0	-0.010559	*
				70.90420	46.14400	85.00000	0.0	0.0	-0.010526	*
				71.65850	46.14400	85.00000	0.0	0.0	-0.010442	*
				72.41280	46.14400	85.00000	0.0	0.0	-0.010316	*
				73.16710	46.14400	85.00000	0.0	0.0	-0.010157	*
				73.92140	46.14400	85.00000	0.0	0.0	-0.0099725	*
				74.67570	46.14400	85.00000	0.0	0.0	-0.0097684	*
				75.43000	46.14400	85.00000	0.0	0.0	-0.0095495	*
				0.00000	46.86500	85.00000	0.0	0.0	-0.0091965	*
				0.75430	46.86500	85.00000	0.0	0.0	-0.0094262	*
				1.50860	46.86500	85.00000	0.0	0.0	-0.0096463	*
				2.26290	46.86500	85.00000	0.0	0.0	-0.0098529	*
				3.01720	46.86500	85.00000	0.0	0.0	-0.010041	*
				3.77150	46.86500	85.00000	0.0	0.0	-0.010206	*
				4.52580	46.86500	85.00000	0.0	0.0	-0.010340	*
				5.28010	46.86500	85.00000	0.0	0.0	-0.010436	*
				6.03440	46.86500	85.00000	0.0	0.0	-0.010484	*
				6.78870	46.86500	85.00000	0.0	0.0	-0.010472	*
				7.54300	46.86500	85.00000	0.0	0.0	-0.010387	*
				8.29730	46.86500	85.00000	0.0	0.0	-0.010211	*
				9.05160	46.86500	85.00000	0.0	0.0	-0.0099259	*
				9.80590	46.86500	85.00000	0.0	0.0	0.065635	*
				10.56020	46.86500	85.00000	0.0	0.0	0.20765	*
				11.31450	46.86500	85.00000	0.0	0.0	0.34924	*
				12.06880	46.86500	85.00000	0.0	0.0	0.49039	*
				12.82310	46.86500	85.00000	0.0	0.0	0.63107	*
				13.57740	46.86500	85.00000	0.0	0.0	0.77126	*
				14.33170	46.86500	85.00000	0.0	0.0	0.91094	*
				15.08600	46.86500	85.00000	0.042535	-0.020671	1.0631	*
				15.84030	46.86500	85.00000	0.23653	-0.11980	1.2355	*
				16.59460	46.86500	85.00000	0.52410	-0.27686	1.3977	*
				17.34890	46.86500	85.00000	0.81808	-0.45106	1.5576	*
				18.10320	46.86500	85.00000	1.1366	-0.62666	1.7261	*
				18.85750	46.86500	85.00000	1.4683	-0.80960	1.9087	*
				19.61180	46.86500	85.00000	1.8139	-1.0001	2.1116	*
				20.36610	46.86500	85.00000	2.1736	-1.1985	2.3406	*
				21.12040	46.86500	85.00000	2.4834	-1.3693	2.5853	*
				21.87470	46.86500	85.00000	2.7087	-1.4935	2.8326	*
				22.62900	46.86500	85.00000	2.9158	-1.6077	3.0928	*
				23.38330	46.86500	85.00000	3.1052	-1.7121	3.3620	*
				24.13760	46.86500	85.00000	3.2773	-1.8070	3.6355	*
				24.89190	46.86500	85.00000	3.4415	-2.0061	3.9559	*
				25.64620	46.86500	85.00000	3.5659	-2.2337	4.2875	*
				26.40050	46.86500	85.00000	3.6388	-2.4789	4.6180	*
				27.15480	46.86500	85.00000	3.6491	-2.7442	4.9400	*
				27.90910	46.86500	85.00000	3.5833	-3.0326	5.2456	*
				28.66340	46.86500	85.00000	3.4264	-3.3466	5.5267	*
				29.41770	46.86500	85.00000	3.1621	-3.6884	5.7752	*
				30.17200	46.86500	85.00000	2.7748	-4.0584	5.9839	*
				30.92630	46.86500	85.00000	2.2928	-4.5221	6.2032	*
				31.68060	46.86500	85.00000	1.7502	-5.1331	6.4809	*
				32.43490	46.86500	85.00000	1.1025	-5.7732	6.7281	*
				33.18920	46.86500	85.00000	0.37985	-6.4111	6.9361	*
				33.94350	46.86500	85.00000	-0.16207	-6.9118	7.1120	*
				34.69780	46.86500	85.00000	-0.16755	-7.1456	7.3032	*
				35.45210	46.86500	85.00000	-0.17302	-7.3788	7.4827	*
				36.20640	46.86500	85.00000	-0.17847	-7.6114	7.6504	*
				36.96070	46.86500	85.00000	-0.18391	-7.8434	7.8066	*
				37.71500	46.86500	85.00000	-0.18511	-7.8946	7.8392	*
				38.46930	46.86500	85.00000	-0.18161	-7.7452	7.7361	*
				39.22360	46.86500	85.00000	-0.17812	-7.5961	7.6223	*
				39.97790	46.86500	85.00000	-0.17463	-7.4475	7.4983	*
				40.73220	46.86500	85.00000	-0.17115	-7.2991	7.3647	*
				41.48650	46.86500	85.00000	-0.16511	-6.9189	7.2047	*
				42.24080	46.86500	85.00000	-1.6145	-6.3892	6.9941	*
				42.99510	46.86500	85.00000	-2.3983	-5.9413	6.8064	*
				43.74940	46.86500	85.00000	-3.0958	-5.6256	6.6652	*
				44.50370	46.86500	85.00000	-3.6417	-5.3000	6.4676	*
				45.25800	46.86500	85.00000	-3.7989	-5.1139	6.2544	*
				46.01230	46.86500	85.00000	-3.7369	-5.0304	6.0447	*
				46.76660	46.86500	85.00000	-3.6691	-4.9391	5.8200	*
				47.52090	46.86500	85.00000	-3.5225	-4.7418	5.5193	*
				48.27520	46.86500	85.00000	-3.2320	-4.3508	5.1001	*
				49.02950	46.86500	85.00000	-2.9543	-3.9770	4.7080	*
				49.78380	46.86500	85.00000	-2.7076	-3.6108	4.3493	*
				50.53810	46.86500	85.00000	-2.6425	-3.1710	4.0589	*
				51.29240	46.86500	85.00000	-2.5495	-2.7697	3.7703	*
				52.04670	46.86500	85.00000	-2.4320	-2.4051	3.4875	*
				52.80100	46.86500	85.00000	-2.2929	-2.0750	3.2142	*
				53.55530	46.86500	85.00000	-2.1352	-1.7765	2.9534	*
				54.30960	46.86500	85.00000	-1.9613	-1.5067	2.7072	*
				55.06390	46.86500	85.00000	-1.7735	-1.2629	2.4770	*
				55.81820	46.86500	85.00000	-1.5735	-1.0424	2.2634	*
				56.57250	46.86500	85.00000	-1.3629	-0.84262	2.0658	*
				57.32680	46.86500	85.00000	-1.1430	-0.66141	1.8828	*
				58.08110	46.86500	85.00000	-0.92035	-0.49991	1.7130	*
				58.83540	46.86500	85.00000	-0.68926	-0.35254	1.5517	*
				59.58970	46.86500	85.00000	-0.44703	-0.21583	1.3939	*
				60.34400	46.86500	85.00000	-0.19968	-0.090949	1.2340	*
				61.09830	46.86500	85.00000	-0.03993	-0.016861	1.0647	*
				61.85260	46.86500	85.00000	0.0	0.0	0.91199	*
				62.60690	46.86500	85.00000	0.0	0.0	0.77104	*
				63.36120	46.86500	85.00.				



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				7.54300	47.58600	85.00000	0.0	0.0	-0.010422
				8.29730	47.58600	85.00000	0.0	0.0	-0.010280
				9.05160	47.58600	85.00000	0.0	0.0	-0.010038
				9.80590	47.58600	85.00000	0.0	0.0	0.014136
				10.56020	47.58600	85.00000	0.0	0.0	0.15452
				11.31450	47.58600	85.00000	0.0	0.0	0.29437
				12.06880	47.58600	85.00000	0.0	0.0	0.43365
				12.82310	47.58600	85.00000	0.0	0.0	0.57234
				13.57740	47.58600	85.00000	0.0	0.0	0.71039
				14.33170	47.58600	85.00000	0.0	0.0	0.84777
				15.08600	47.58600	85.00000	0.0	0.0	0.98444
				15.84030	47.58600	85.00000	0.14103	-0.077045	1.1526
				16.59460	47.58600	85.00000	0.38010	-0.20958	1.3170
				17.34890	47.58600	85.00000	0.69272	-0.38194	1.4783
				18.10320	47.58600	85.00000	1.0179	-0.56127	1.6436
				18.85750	47.58600	85.00000	1.3562	-0.74779	1.8200
				19.61180	47.58600	85.00000	1.6890	-0.93128	2.0113
				20.36610	47.58600	85.00000	1.9378	-1.0684	2.2074
				21.12040	47.58600	85.00000	2.1672	-1.1949	2.4187
				21.87470	47.58600	85.00000	2.3777	-1.3110	2.6439
				22.62900	47.58600	85.00000	2.5698	-1.4169	2.8805
				23.38330	47.58600	85.00000	2.7598	-1.5731	3.1457
				24.13760	47.58600	85.00000	2.9315	-1.7733	3.4359
				24.89190	47.58600	85.00000	3.0674	-1.9856	3.7359
				25.64620	47.58600	85.00000	3.1608	-2.2117	4.0405
				26.40050	47.58600	85.00000	3.2037	-2.4533	4.3436
				27.15480	47.58600	85.00000	3.1867	-2.7122	4.6382
				27.90910	47.58600	85.00000	3.0993	-2.9900	4.9172
				28.66340	47.58600	85.00000	2.9304	-3.2879	5.1732
				29.41770	47.58600	85.00000	2.6691	-3.6062	5.3991
				30.17200	47.58600	85.00000	2.3067	-3.9434	5.5894
				30.92630	47.58600	85.00000	1.9203	-4.4366	5.8502
				31.68060	47.58600	85.00000	1.4507	-4.9677	6.0948
				32.43490	47.58600	85.00000	0.90524	-5.5109	6.3080
				33.18920	47.58600	85.00000	0.30750	-6.0422	6.4823
				33.94350	47.58600	85.00000	-0.15169	-6.4691	6.6272
				34.69780	47.58600	85.00000	-0.15688	-6.6903	6.7968
				35.45210	47.58600	85.00000	-0.16205	-6.9109	6.9576
				36.20640	47.58600	85.00000	-0.16721	-7.1309	7.1092
				36.96070	47.58600	85.00000	-0.17235	-7.3503	7.2516
				37.71500	47.58600	85.00000	-0.17367	-7.4065	7.2854
				38.46930	47.58600	85.00000	-0.17034	-7.2647	7.1894
				39.22360	47.58600	85.00000	-0.16703	-7.1232	7.0852
				39.97790	47.58600	85.00000	-0.16372	-6.9820	6.9733
				40.73220	47.58600	85.00000	-0.16042	-6.8412	6.8542
				41.48650	47.58600	85.00000	-0.63425	-6.5250	6.7194
				42.24080	47.58600	85.00000	-1.3420	-6.0795	6.5398
				42.99510	47.58600	85.00000	-1.9848	-5.6282	6.3280
				43.74940	47.58600	85.00000	-2.5940	-5.3521	6.1970
				44.50370	47.58600	85.00000	-3.0872	-5.0614	6.0152
				45.25800	47.58600	85.00000	-3.4620	-4.7631	5.7872
				46.01230	47.58600	85.00000	-3.4533	-4.6487	5.5731
				46.76660	47.58600	85.00000	-3.3859	-4.5580	5.3533
				47.52090	47.58600	85.00000	-3.3126	-4.4593	5.1230
				48.27520	47.58600	85.00000	-3.1088	-4.1850	4.7885
				49.02950	47.58600	85.00000	-2.8367	-3.8187	4.4153
				49.78380	47.58600	85.00000	-2.5772	-3.4694	4.0707
				50.53810	47.58600	85.00000	-2.3963	-3.1082	3.7715
				51.29240	47.58600	85.00000	-2.3115	-2.7259	3.5108
				52.04670	47.58600	85.00000	-2.2036	-2.3745	3.2547
				52.80100	47.58600	85.00000	-2.0752	-2.0526	3.0068
				53.55530	47.58600	85.00000	-1.9286	-1.7586	2.7697
				54.30960	47.58600	85.00000	-1.7660	-1.4905	2.5454
				55.06390	47.58600	85.00000	-1.5893	-1.2460	2.3351
				55.81820	47.58600	85.00000	-1.4001	-1.0232	2.1391
				56.57250	47.58600	85.00000	-1.1999	-0.81981	1.9567
				57.32680	47.58600	85.00000	-0.98986	-0.63406	1.7862
				58.08110	47.58600	85.00000	-0.77089	-0.46413	1.6251
				58.83540	47.58600	85.00000	-0.54376	-0.30837	1.4697
				59.58970	47.58600	85.00000	-0.31223	-0.16708	1.3158
				60.34400	47.58600	85.00000	-0.12071	-0.061037	1.1563
				61.09830	47.58600	85.00000	0.0	0.0	0.98985
				61.85260	47.58600	85.00000	0.0	0.0	0.85176
				62.60690	47.58600	85.00000	0.0	0.0	0.71303
				63.36120	47.58600	85.00000	0.0	0.0	0.57370
				64.11550	47.58600	85.00000	0.0	0.0	0.43381
				64.86980	47.58600	85.00000	0.0	0.0	0.29338
				65.62410	47.58600	85.00000	0.0	0.0	0.15245
				66.37840	47.58600	85.00000	0.0	0.0	0.011049
				67.13270	47.58600	85.00000	0.0	0.0	-0.010152
				67.88700	47.58600	85.00000	0.0	0.0	-0.010382
				68.64130	47.58600	85.00000	0.0	0.0	-0.010514
				69.39560	47.58600	85.00000	0.0	0.0	-0.010566
				70.14990	47.58600	85.00000	0.0	0.0	-0.010552
				70.90420	47.58600	85.00000	0.0	0.0	-0.010485
				71.65850	47.58600	85.00000	0.0	0.0	-0.010373
				72.41280	47.58600	85.00000	0.0	0.0	-0.010228
				73.16710	47.58600	85.00000	0.0	0.0	-0.010054
				73.92140	47.58600	85.00000	0.0	0.0	-0.0098596
				74.67570	47.58600	85.00000	0.0	0.0	-0.0096485
				75.43000	47.58600	85.00000	0.0	0.0	-0.0094253
				0.00000	48.30700	85.00000	0.0	0.0	-0.0090626
				0.75430	48.30700	85.00000	0.0	0.0	-0.0092935
				1.50860	48.30700	85.00000	0.0	0.0	-0.0095168
				2.26290	48.30700	85.00000	0.0	0.0	-0.0097290
				3.01720	48.30700	85.00000	0.0	0.0	-0.0099262
				3.77150	48.30700	85.00000	0.0	0.0	-0.010104
				4.52580	48.30700	85.00000	0.0	0.0	-0.010256
				5.28010	48.30700	85.00000	0.0	0.0	-0.010375
				6.03440	48.30700	85.00000	0.0	0.0	-0.010454
				6.78870	48.30700	85.00000	0.0	0.0	-0.010483
				7.54300	48.30700	85.00000	0.0	0.0	-0.010449
				8.29730	48.30700	85.00000	0.0	0.0	-0.010340
				9.05160	48.30700	85.00000	0.0	0.0	-0.010140
				9.80590	48.30700	85.00000	0.0	0.0	-0.0098275
				10.56020	48.30700	85.00000	0.0	0.0	0.097563
				11.31450	48.30700	85.00000	0.0	0.0	0.23560
				12.06880	48.30700	85.00000	0.0	0.0	0.37295
				12.82310	48.30700	85.00000	0.0	0.0	0.50957
				13.57740	48.30700	85.00000	0.0	0.0	0.64541
				14.33170	48.30700	85.00000	0.0	0.0	0.78042
				15.08600	48.30700	85.00000	0.0	0.0	0.91472
				15.84030	48.30700	85.00000	0.043257	-0.023851	1.0629
				16.59460	48.30700	85.00000	0.24905	-0.13732	1.2346
				17.34890	48.30700	85.00000	0.55654	-0.30686	1.3983
				18.10320	48.30700	85.00000	0.88865	-0.48997	1.5620
				18.85750	48.30700	85.00000	1.1674	-0.64369	1.7237
				19.61180	48.30700	85.00000	1.4220	-0.78404	1.8933
				20.36610	48.30700	85.00000	1.6565	-0.91336	2.0746
				21.12040	48.30700	85.00000	1.8715	-1.0319	2.2684
				21.87470	48.30700	85.00000	2.0780	-1.1648	2.4804
				22.62900	48.30700	85.00000	2.2818	-1.3454	2.7188
				23.38330	48.30700	85.00000	2.4593	-1.5345	2.9723
				24.13760	48.30700	85.00000	2.6062	-1.7334	3.2382
				24.89190	48.30700	85.00000	2.7173	-1.9431	3.5127
				25.64620	48.30700	85.00000	2.7867	-2.1650	3.7910
				26.40050	48.30700	85.00000	2.8078	-2.4001	4.0674
				27.15480	48.30700	85.00000	2.7729	-2.6495	4.3358
				27.90910	48.30700	85.00000	2.6741	-2.9139	4.5897
				28.66340	48.30700	85.00000	2.5037	-3.1934	4.8224

Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD										Job No.	Sheet No.	Rev.
										3500		
										Drg. Ref.		
										Made by PES	Date 01-Nov-2024	Checked
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz			
				[m]	[m]	[m]	[mm]	[mm]	[mm]			
				29.41770	48.30700	85.00000	2.2546	-3.4870	5.0277	*		
				30.17200	48.30700	85.00000	1.9563	-3.8507	5.2443	*		
				30.92630	48.30700	85.00000	1.6185	-4.2972	5.4842	*		
				31.68060	48.30700	85.00000	1.2130	-4.7596	5.6993	*		
				32.43490	48.30700	85.00000	0.75139	-5.2237	5.8832	*		
				33.18920	48.30700	85.00000	0.25188	-5.6711	6.0294	*		
				33.94350	48.30700	85.00000	-0.14158	-6.0380	6.1481	*		
				34.69780	48.30700	85.00000	-0.14647	-6.2467	6.2969	*		
				35.45210	48.30700	85.00000	-0.15135	-6.4547	6.4390	*		
				36.20640	48.30700	85.00000	-0.15621	-6.6620	6.5738	*		
				36.96070	48.30700	85.00000	-0.16106	-6.8688	6.7013	*		
				37.71500	48.30700	85.00000	-0.16248	-6.9292	6.7351	*		
				38.46930	48.30700	85.00000	-0.15933	-6.7948	6.6471	*		
				39.22360	48.30700	85.00000	-0.15619	-6.6608	6.5528	*		
				39.97790	48.30700	85.00000	-0.15305	-6.5272	6.4526	*		
				40.73220	48.30700	85.00000	-0.14993	-6.3940	6.3471	*		
				41.48650	48.30700	85.00000	-0.53162	-6.1272	6.2332	*		
				42.24080	48.30700	85.00000	-1.1265	-5.7489	6.0801	*		
				42.99510	48.30700	85.00000	-1.6702	-5.3485	5.8875	*		
				43.74940	48.30700	85.00000	-2.1845	-5.0606	5.7368	*		
				44.50370	48.30700	85.00000	-2.6246	-4.8010	5.5698	*		
				45.25800	48.30700	85.00000	-2.9697	-4.5302	5.3614	*		
				46.01230	48.30700	85.00000	-3.1806	-4.2816	5.1246	*		
				46.76660	48.30700	85.00000	-3.1135	-4.1913	4.9111	*		
				47.52090	48.30700	85.00000	-3.0404	-4.0928	4.6891	*		
				48.27520	48.30700	85.00000	-2.9610	-3.9860	4.4613	*		
				49.02950	48.30700	85.00000	-2.7121	-3.6509	4.1212	*		
				49.78380	48.30700	85.00000	-2.4579	-3.3087	3.7971	*		
				50.53810	48.30700	85.00000	-2.2161	-2.9831	3.5011	*		
				51.29240	48.30700	85.00000	-2.0831	-2.6404	3.2531	*		
				52.04670	48.30700	85.00000	-1.9828	-2.3047	3.0235	*		
				52.80100	48.30700	85.00000	-1.8631	-1.9941	2.8006	*		
				53.55530	48.30700	85.00000	-1.7259	-1.7076	2.5865	*		
				54.30960	48.30700	85.00000	-1.5730	-1.4438	2.3842	*		
				55.06390	48.30700	85.00000	-1.4061	-1.2014	2.1933	*		
				55.81820	48.30700	85.00000	-1.2266	-0.97870	2.0142	*		
				56.57250	48.30700	85.00000	-1.0358	-0.77403	1.8462	*		
				57.32680	48.30700	85.00000	-0.83477	-0.58581	1.6873	*		
				58.08110	48.30700	85.00000	-0.62441	-0.41254	1.5347	*		
				58.83540	48.30700	85.00000	-0.40544	-0.25277	1.3846	*		
				59.58970	48.30700	85.00000	-0.18397	-0.10845	1.2320	*		
				60.34400	48.30700	85.00000	-0.041674	-0.023226	1.0708	*		
				61.09830	48.30700	85.00000	0.0	0.0	0.92287	*		
				61.85260	48.30700	85.00000	0.0	0.0	0.78726	*		
				62.60690	48.30700	85.00000	0.0	0.0	0.65083	*		
				63.36120	48.30700	85.00000	0.0	0.0	0.51365	*		
				64.11550	48.30700	85.00000	0.0	0.0	0.37576	*		
				64.86980	48.30700	85.00000	0.0	0.0	0.23720	*		
				65.62410	48.30700	85.00000	0.0	0.0	0.098027	*		
				66.37840	48.30700	85.00000	0.0	0.0	-0.0099699	*		
				67.13270	48.30700	85.00000	0.0	0.0	-0.010263	*		
				67.88700	48.30700	85.00000	0.0	0.0	-0.010450	*		
				68.64130	48.30700	85.00000	0.0	0.0	-0.010548	*		
				69.39560	48.30700	85.00000	0.0	0.0	-0.010573	*		
				70.14990	48.30700	85.00000	0.0	0.0	-0.010537	*		
				70.90420	48.30700	85.00000	0.0	0.0	-0.010453	*		
				71.65850	48.30700	85.00000	0.0	0.0	-0.010330	*		
				72.41280	48.30700	85.00000	0.0	0.0	-0.010175	*		
				73.16710	48.30700	85.00000	0.0	0.0	-0.0099947	*		
				73.92140	48.30700	85.00000	0.0	0.0	-0.0097953	*		
				74.67570	48.30700	85.00000	0.0	0.0	-0.0095811	*		
				75.43000	48.30700	85.00000	0.0	0.0	-0.0093562	*		
				0.00000	49.02800	85.00000	0.0	0.0	-0.0089893	*		
				0.75430	49.02800	85.00000	0.0	0.0	-0.0092205	*		
				1.50860	49.02800	85.00000	0.0	0.0	-0.0094450	*		
				2.26290	49.02800	85.00000	0.0	0.0	-0.0096597	*		
				3.01720	49.02800	85.00000	0.0	0.0	-0.0098608	*		
				3.77150	49.02800	85.00000	0.0	0.0	-0.010044	*		
				4.52580	49.02800	85.00000	0.0	0.0	-0.010204	*		
				5.28010	49.02800	85.00000	0.0	0.0	-0.010335	*		
				6.03440	49.02800	85.00000	0.0	0.0	-0.010428	*		
				6.78870	49.02800	85.00000	0.0	0.0	-0.010476	*		
				7.54300	49.02800	85.00000	0.0	0.0	-0.010468	*		
				8.29730	49.02800	85.00000	0.0	0.0	-0.010391	*		
				9.05160	49.02800	85.00000	0.0	0.0	-0.010230	*		
				9.80590	49.02800	85.00000	0.0	0.0	-0.0099682	*		
				10.56020	49.02800	85.00000	0.0	0.0	0.036925	*		
				11.31450	49.02800	85.00000	0.0	0.0	0.17308	*		
				12.06880	49.02800	85.00000	0.0	0.0	0.30844	*		
				12.82310	49.02800	85.00000	0.0	0.0	0.44294	*		
				13.57740	49.02800	85.00000	0.0	0.0	0.57655	*		
				14.33170	49.02800	85.00000	0.0	0.0	0.71011	*		
				15.08600	49.02800	85.00000	0.0	0.0	0.84402	*		
				15.84030	49.02800	85.00000	0.0	0.0	0.97833	*		
				16.59460	49.02800	85.00000	0.14848	-0.081866	1.1477	*		
				17.34890	49.02800	85.00000	0.39057	-0.21535	1.3131	*		
				18.10320	49.02800	85.00000	0.67311	-0.37113	1.4689	*		
				18.85750	49.02800	85.00000	0.93452	-0.51527	1.6241	*		
				19.61180	49.02800	85.00000	1.1753	-0.64800	1.7846	*		
				20.36610	49.02800	85.00000	1.3980	-0.77359	1.9543	*		
				21.12040	49.02800	85.00000	1.6259	-0.93995	2.1441	*		
				21.87470	49.02800	85.00000	1.8331	-1.1124	2.3481	*		
				22.62900	49.02800	85.00000	2.0168	-1.2919	2.5665	*		
				23.38330	49.02800	85.00000	2.1739	-1.4791	2.7979	*		
				24.13760	49.02800	85.00000	2.3004	-1.6749	3.0402	*		
				24.89190	49.02800	85.00000	2.3919	-1.8802	3.2898	*		
				25.64620	49.02800	85.00000	2.4434	-2.0958	3.5426	*		
				26.40050	49.02800	85.00000	2.4494	-2.3224	3.7934	*		
				27.15480								

Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD	Job No.		Sheet No.		Rev.					
	3500									
	Drg. Ref.									
	Made by PES	Date 01-Nov-2024		Checked	Date					
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				51.29240	49.02800	85.00000	-1.8696	-2.5168	3.0031	*
				52.04670	49.02800	85.00000	-1.7695	-2.2000	2.7976	*
				52.80100	49.02800	85.00000	-1.6569	-1.9025	2.5989	*
				53.55530	49.02800	85.00000	-1.5275	-1.6256	2.4078	*
				54.30960	49.02800	85.00000	-1.3829	-1.3686	2.2257	*
				55.06390	49.02800	85.00000	-1.2245	-1.1304	2.0531	*
				55.81820	49.02800	85.00000	-1.0535	-0.90989	1.8899	*
				56.57250	49.02800	85.00000	-0.87112	-0.70585	1.7350	*
				57.32680	49.02800	85.00000	-0.67826	-0.51698	1.5863	*
				58.08110	49.02800	85.00000	-0.47577	-0.34203	1.4406	*
				58.83540	49.02800	85.00000	-0.26431	-0.17976	1.2940	*
				59.58970	49.02800	85.00000	-0.10089	-0.064973	1.1413	*
				60.34400	49.02800	85.00000	0.0	0.0	0.98382	*
				61.09830	49.02800	85.00000	0.0	0.0	0.85179	*
				61.85260	49.02800	85.00000	0.0	0.0	0.71871	*
				62.60690	49.02800	85.00000	0.0	0.0	0.58464	*
				63.36120	49.02800	85.00000	0.0	0.0	0.44966	*
				64.11550	49.02800	85.00000	0.0	0.0	0.31383	*
				64.86980	49.02800	85.00000	0.0	0.0	0.17721	*
				65.62410	49.02800	85.00000	0.0	0.0	0.039860	*
				66.37840	49.02800	85.00000	0.0	0.0	-0.010119	*
				67.13270	49.02800	85.00000	0.0	0.0	-0.010360	*
				67.88700	49.02800	85.00000	0.0	0.0	-0.010505	*
				68.64130	49.02800	85.00000	0.0	0.0	-0.010571	*
				69.39560	49.02800	85.00000	0.0	0.0	-0.010570	*
				70.14990	49.02800	85.00000	0.0	0.0	-0.010514	*
				70.90420	49.02800	85.00000	0.0	0.0	-0.010415	*
				71.65850	49.02800	85.00000	0.0	0.0	-0.010280	*
				72.41280	49.02800	85.00000	0.0	0.0	-0.010116	*
				73.16710	49.02800	85.00000	0.0	0.0	-0.0099294	*
				73.92140	49.02800	85.00000	0.0	0.0	-0.0097257	*
				74.67570	49.02800	85.00000	0.0	0.0	-0.0095088	*
				75.43000	49.02800	85.00000	0.0	0.0	-0.0092824	*
				0.00000	49.74900	85.00000	0.0	0.0	-0.0089118	*
				0.75430	49.74900	85.00000	0.0	0.0	-0.0091431	*
				1.50860	49.74900	85.00000	0.0	0.0	-0.0093686	*
				2.26290	49.74900	85.00000	0.0	0.0	-0.0095854	*
				3.01720	49.74900	85.00000	0.0	0.0	-0.0097901	*
				3.77150	49.74900	85.00000	0.0	0.0	-0.0099787	*
				4.52580	49.74900	85.00000	0.0	0.0	-0.010146	*
				5.28010	49.74900	85.00000	0.0	0.0	-0.010287	*
				6.03440	49.74900	85.00000	0.0	0.0	-0.010395	*
				6.78870	49.74900	85.00000	0.0	0.0	-0.010461	*
				7.54300	49.74900	85.00000	0.0	0.0	-0.010476	*
				8.29730	49.74900	85.00000	0.0	0.0	-0.010429	*
				9.05160	49.74900	85.00000	0.0	0.0	-0.010307	*
				9.80590	49.74900	85.00000	0.0	0.0	-0.010094	*
				10.56020	49.74900	85.00000	0.0	0.0	-0.0097709	*
				11.31450	49.74900	85.00000	0.0	0.0	0.10697	*
				12.06880	49.74900	85.00000	0.0	0.0	0.24029	*
				12.82310	49.74900	85.00000	0.0	0.0	0.37319	*
				13.57740	49.74900	85.00000	0.0	0.0	0.50631	*
				14.33170	49.74900	85.00000	0.0	0.0	0.63970	*
				15.08600	49.74900	85.00000	0.0	0.0	0.77339	*
				15.84030	49.74900	85.00000	0.0	0.0	0.90743	*
				16.59460	49.74900	85.00000	0.039066	-0.018232	1.0533	*
				17.34890	49.74900	85.00000	0.22218	-0.12251	1.2221	*
				18.10320	49.74900	85.00000	0.47377	-0.26122	1.3780	*
				18.85750	49.74900	85.00000	0.72172	-0.39794	1.5297	*
				19.61180	49.74900	85.00000	0.96578	-0.54971	1.6875	*
				20.36610	49.74900	85.00000	1.1961	-0.71025	1.8531	*
				21.12040	49.74900	85.00000	1.4074	-0.87569	2.0286	*
				21.87470	49.74900	85.00000	1.5977	-1.0467	2.2157	*
				22.62900	49.74900	85.00000	1.7644	-1.2238	2.4148	*
				23.38330	49.74900	85.00000	1.9045	-1.4078	2.6250	*
				24.13760	49.74900	85.00000	2.0148	-1.5992	2.8445	*
				24.89190	49.74900	85.00000	2.0912	-1.7987	3.0702	*
				25.64620	49.74900	85.00000	2.1299	-2.0067	3.2985	*
				26.40050	49.74900	85.00000	2.1263	-2.2234	3.5249	*
				27.15480	49.74900	85.00000	2.0761	-2.4488	3.7445	*
				27.90910	49.74900	85.00000	1.9751	-2.6824	3.9521	*
				28.66340	49.74900	85.00000	1.8199	-2.9231	4.1426	*
				29.41770	49.74900	85.00000	1.6371	-3.2185	4.3428	*
				30.17200	49.74900	85.00000	1.4241	-3.5610	4.5494	*
				30.92630	49.74900	85.00000	1.1643	-3.9125	4.7373	*
				31.68060	49.74900	85.00000	0.86305	-4.2653	4.9017	*
				32.43490	49.74900	85.00000	0.52872	-4.6094	5.0374	*
				33.18920	49.74900	85.00000	0.17283	-4.9337	5.1401	*
				33.94350	49.74900	85.00000	-0.12213	-5.2083	5.2176	*
				34.69780	49.74900	85.00000	-0.12643	-5.3917	5.3277	*
				35.45210	49.74900	85.00000	-0.13071	-5.5744	5.4336	*
				36.20640	49.74900	85.00000	-0.13498	-5.7566	5.5349	*
				36.96070	49.74900	85.00000	-0.13924	-5.9381	5.6316	*
				37.71500	49.74900	85.00000	-0.14078	-6.0039	5.6626	*
				38.46930	49.74900	85.00000	-0.13798	-5.8845	5.5918	*
				39.22360	49.74900	85.00000	-0.13519	-5.7655	5.5173	*
				39.97790	49.74900	85.00000	-0.13241	-5.6469	5.4395	*
				40.73220	49.74900	85.00000	-0.12964	-5.5287	5.3587	*
				41.48650	49.74900	85.00000	-0.38148	-5.3330	5.2775	*
				42.24080	49.74900	85.00000	-0.80863	-5.0547	5.1673	*
				42.99510	49.74900	85.00000	-1.2059	-4.7529	5.0224	*
				43.74940	49.74900	85.00000	-1.5639	-4.4463	4.8527	*
				44.50370	49.74900	85.00000	-1.9061	-4.2381	4.7136	*
				45.25800	49.74900	85.00000	-2.1857	-4.0153	4.5419	*
				46.01230	49.74900	85.00000	-2.4004	-3.7818	4.3421	*
				46.76660	49.74900	85.00000	-2.5506	-3.5409	4.1197	*
				47.52090	49.74900	85.00000	-2.5268	-3.4015	3.9088	*
				48.27520	49.74900	85.00000	-2.4471	-3.2942	3.7049	*
				49.02950	49.74900	85.00000	-2.3609	-3.1781	3.5009	*
				49.78380	49.74900	85.00000	-2.1968	-2.9572	3.2640	*
				50.53810	49.74900	85.00000	-1.9647	-2.6448	3.0104	*
				51.29240	49.74900	85.00000	-1.7448	-2.3487	2.7816	*
				52.04670	49.74900	85.00000	-1.5631	-2.0639	2.5803	*
				52.80100	49.74900	85.00000	-1.4563	-1.7809	2.4045	*
				53.55530	49.74900	85.00000	-1.3334	-1.5152	2.2345	*
				54.30960	49.74900	85.00000	-1.1959	-1.2665	2.0715	*
				55.06390	49.74900	85.00000	-1.0448	-1.0343	1.9158	*
				55.81820	49.74900	85.00000	-0.88128	-0.81779	1.7669	*
				56.57250	49.74900	85.00000	-0.70634	-0.61603	1.6233	*
				57.32680	49.74900	85.00000	-0.52082	-0.42805	1.4828	*
				58.08110	49.74900	85.00000	-0.32546	-0.25286	1.3421	*
				58.83540	49.74900	85.00000	-0.14593	-0.10754	1.1967	*
				59.58970	49.74900	85.00000	-0.015656	-0.010921	1.0414	*
				60.34400	49.74900	85.00000	0.0	0.0	0.90613	*
				61.09830	49.74900	85.00000	0.0	0.0	0.77684	*
				61.85260	49.74900	85.00000	0.0	0.0	0.64631	*
				62.60690	49.74900	85.00000	0.0	0.0	0.51464	*
				63.36120	49.74900	85.00000	0.0	0.0	0.38191	*
				64.11550	49.74900	85.00000	0.0	0.0	0.24819	*
				64.86980	49.74900	85.00000	0.0	0.0	0.11357	*
				65.62410	49.74900	85.00000	0.0	0.0	-0.0099530	*
				66.37840	49.74900	85.00000	0.0	0.0	-0.010249	*
				67.13270	49.74900	85.00000	0.0	0.0	-0.010442	*
				67.88700	49.74900	85.00000	0.0	0.0	-0.010548	*
				68.64130	49.74900	85.00000	0.0	0.0	-0.010582	*
				69.39560	49.74900	85.00000	0.0	0.0	-0.010	

 A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B2										Job No. 3500 Drg. Ref. Made by PES	Sheet No. Checked	Rev. Date 01-Nov-2024
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz			
				[m]	[m]	[m]	[mm]	[mm]	[mm]			
				73.16710	49.74900	85.00000	0.0	0.0	-0.0098584	*		
				73.92140	49.74900	85.00000	0.0	0.0	-0.0096508	*		
				74.67570	49.74900	85.00000	0.0	0.0	-0.0094316	*		
				75.43000	49.74900	85.00000	0.0	0.0	-0.0092040	*		
				0.00000	50.47000	85.00000	0.0	0.0	-0.0088304	*		
				0.75430	50.47000	85.00000	0.0	0.0	-0.0090614	*		
				1.50860	50.47000	85.00000	0.0	0.0	-0.0092875	*		
				2.26290	50.47000	85.00000	0.0	0.0	-0.0095061	*		
				3.01720	50.47000	85.00000	0.0	0.0	-0.0097140	*		
				3.77150	50.47000	85.00000	0.0	0.0	-0.0099075	*		
				4.52580	50.47000	85.00000	0.0	0.0	-0.0100082	*		
				5.28010	50.47000	85.00000	0.0	0.0	-0.010233	*		
				6.03440	50.47000	85.00000	0.0	0.0	-0.010354	*		
				6.78870	50.47000	85.00000	0.0	0.0	-0.010437	*		
				7.54300	50.47000	85.00000	0.0	0.0	-0.010475	*		
				8.29730	50.47000	85.00000	0.0	0.0	-0.010456	*		
				9.05160	50.47000	85.00000	0.0	0.0	-0.010370	*		
				9.80590	50.47000	85.00000	0.0	0.0	-0.010202	*		
				10.56020	50.47000	85.00000	0.0	0.0	-0.0099364	*		
				11.31450	50.47000	85.00000	0.0	0.0	0.037707	*		
				12.06880	50.47000	85.00000	0.0	0.0	0.17034	*		
				12.82310	50.47000	85.00000	0.0	0.0	0.30313	*		
				13.57740	50.47000	85.00000	0.0	0.0	0.43612	*		
				14.33170	50.47000	85.00000	0.0	0.0	0.56934	*		
				15.08600	50.47000	85.00000	0.0	0.0	0.70283	*		
				15.84030	50.47000	85.00000	0.0	0.0	0.83663	*		
				16.59460	50.47000	85.00000	0.0	0.0	0.97079	*		
				17.34890	50.47000	85.00000	0.10959	-0.060426	1.1314	*		
				18.10320	50.47000	85.00000	0.30006	-0.16859	1.2904	*		
				18.85750	50.47000	85.00000	0.54998	-0.32080	1.4433	*		
				19.61180	50.47000	85.00000	0.78375	-0.47635	1.5951	*		
				20.36610	50.47000	85.00000	0.99999	-0.63573	1.7506	*		
				21.12040	50.47000	85.00000	1.1970	-0.79945	1.9131	*		
				21.87470	50.47000	85.00000	1.3729	-0.96803	2.0844	*		
				22.62900	50.47000	85.00000	1.5253	-1.1420	2.2654	*		
				23.38330	50.47000	85.00000	1.6517	-1.3218	2.4556	*		
				24.13760	50.47000	85.00000	1.7491	-1.5078	2.6535	*		
				24.89190	50.47000	85.00000	1.8145	-1.7004	2.8566	*		
				25.64620	50.47000	85.00000	1.8445	-1.8997	3.0617	*		
				26.40050	50.47000	85.00000	1.8357	-2.1058	3.2649	*		
				27.15480	50.47000	85.00000	1.7848	-2.3181	3.4620	*		
				27.90910	50.47000	85.00000	1.6890	-2.5359	3.6485	*		
				28.66340	50.47000	85.00000	1.5517	-2.7670	3.8248	*		
				29.41770	50.47000	85.00000	1.4046	-3.0657	4.0209	*		
				30.17200	50.47000	85.00000	1.2167	-3.3736	4.2035	*		
				30.92630	50.47000	85.00000	0.99076	-3.6853	4.3683	*		
				31.68060	50.47000	85.00000	0.73152	-3.9942	4.5109	*		
				32.43490	50.47000	85.00000	0.44620	-4.2923	4.6269	*		
				33.18920	50.47000	85.00000	0.14407	-4.5703	4.7124	*		
				33.94350	50.47000	85.00000	-0.11275	-4.8083	4.7740	*		
				34.69780	50.47000	85.00000	-0.11675	-4.9790	4.8665	*		
				35.45210	50.47000	85.00000	-0.12074	-5.1491	4.9556	*		
				36.20640	50.47000	85.00000	-0.12471	-5.3186	5.0410	*		
				36.96070	50.47000	85.00000	-0.12867	-5.4875	5.1227	*		
				37.71500	50.47000	85.00000	-0.13025	-5.5546	5.1511	*		
				38.46930	50.47000	85.00000	-0.12762	-5.4428	5.0890	*		
				39.22360	50.47000	85.00000	-0.12501	-5.3312	5.0242	*		
				39.97790	50.47000	85.00000	-0.12240	-5.2201	4.9569	*		
				40.73220	50.47000	85.00000	-0.11980	-5.1093	4.8873	*		
				41.48650	50.47000	85.00000	-0.32509	-4.9399	4.8191	*		
				42.24080	50.47000	85.00000	-0.68867	-4.6996	4.7262	*		
				42.99510	50.47000	85.00000	-1.0287	-4.4362	4.6015	*		
				43.74940	50.47000	85.00000	-1.3348	-4.1569	4.4491	*		
				44.50370	50.47000	85.00000	-1.6247	-3.9436	4.3100	*		
				45.25800	50.47000	85.00000	-1.8723	-3.7412	4.1555	*		
				46.01230	50.47000	85.00000	-2.0654	-3.5269	3.9764	*		
				46.76660	50.47000	85.00000	-2.2034	-3.3037	3.7776	*		
				47.52090	50.47000	85.00000	-2.2851	-3.0761	3.5645	*		
				48.27520	50.47000	85.00000	-2.2050	-2.9682	3.3737	*		
				49.02950	50.47000	85.00000	-2.1181	-2.8514	3.1842	*		
				49.78380	50.47000	85.00000	-2.0246	-2.7254	2.9900	*		
				50.53810	50.47000	85.00000	-1.8273	-2.4598	2.7789	*		
				51.29240	50.47000	85.00000	-1.6118	-2.1698	2.5701	*		
				52.04670	50.47000	85.00000	-1.4082	-1.8957	2.3823	*		
				52.80100	50.47000	85.00000	-1.2610	-1.6322	2.2190	*		
				53.55530	50.47000	85.00000	-1.1435	-1.3787	2.0684	*		
				54.30960	50.47000	85.00000	-1.0119	-1.1397	1.9226	*		
				55.06390	50.47000	85.00000	-0.86713	-0.91473	1.7818	*		
				55.81820	50.47000	85.00000	-0.71014	-0.70351	1.6450	*		
				56.57250	50.47000	85.00000	-0.54178	-0.50538	1.5107	*		
				57.32680	50.47000	85.00000	-0.36279	-0.31962	1.3761	*		
				58.08110	50.47000	85.00000	-0.17692	-0.14794	1.2377	*		
				58.83540	50.47000	85.00000	-0.055145	-0.043643	1.0909	*		
				59.58970	50.47000	85.00000	0.0	0.0	0.94982	*		
				60.34400	50.47000	85.00000	0.0	0.0	0.82479	*		
				61.09830	50.47000	85.00000	0.0	0.0	0.69823	*		
				61.85260	50.47000	85.00000	0.0	0.0	0.57027	*		
				62.60690	50.47000	85.00000	0.0	0.0	0.44102	*		
				63.36120	50.47000	85.00000	0.0	0.0	0.31057	*		
				64.11550	50.47000	85.00000	0.0	0.0	0.17900	*		
				64.86980	50.47000	85.00000	0.0	0.0	0.04609	*		
				65.62410	50.47000	85.00000	0.0	0.0	-0.010121	*		
				66.37840	50.47000	85.00000	0.0	0.0	-0.010360	*		
				67.13270	50.47000	85.00000	0.0	0.0	-0.010507	*		
				67.88700	50.47000	85.00000	0.0	0.0	-0.010577	*		
				68.64130	50.47000	85.00000	0.0	0.0	-0.010582	*		
				69.39560	50.47000	85.00000	0.0	0.0	-0.010534	*		
				70.14990	50.47000	85.00000	0.0	0.0	-0.010442	*		
				70.90420	50.47000	85.00000	0.0	0.0	-0.010314	*		
				71.65850	50.47000	85.00000	0.0	0.0	-0.010158	*		
				72.41280	50.47000	85.00000	0.0	0.0	-0.009978	*		
				73.16710	50.47000	85.00000	0.0	0.0	-0.0097816	*		
				73.92140	50.47000	85.00000	0.0	0.0	-0.0095707	*		
				74.67570	50.47000	85.00000	0.0	0.0	-0.0093495	*		
				75.43000	50.47000	85.00000	0.0	0.0	-0.0091211	*		
				0.00000	51.19100	85.00000	0.0	0.0	-0.0087449	*		
				0.75430	51.19100	85.00000	0.0	0.0	-0.0089755	*		
				1.50860	51.19100	85.00000	0.0	0.0	-0.0092020	*		
				2.26290	51.19100	85.00000	0.0	0.0	-0.0094219	*		
				3.01720	51.19100	85.00000	0.0	0.0	-0.0096325	*		
				3.77150	51.19100	85.00000	0.0	0.0	-0.0098304	*		
				4.52580	51.19100	85.00000	0.0	0.0	-0.010012	*		
				5.28010	51.19100	85.00000	0.0	0.0	-0.010172	*		
				6.03440	51.19100	85.00000	0.0	0.0	-0.010305	*		
				6.78870	51.19100	85.00000	0.0	0.0	-0.010404	*		

Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD	Job No.		Sheet No.		Rev.					
	3500									
	Drg. Ref.									
	Made by PES	Date 01-Nov-2024		Checked	Date					
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				18.85750	51.19100	85.00000	0.38496	-0.23850	1.3533	*
				19.61180	51.19100	85.00000	0.60669	-0.39279	1.5001	*
				20.36610	51.19100	85.00000	0.81068	-0.55041	1.6472	*
				21.12040	51.19100	85.00000	0.99539	-0.71176	1.7982	*
				21.87470	51.19100	85.00000	1.1591	-0.87724	1.9553	*
				22.62900	51.19100	85.00000	1.2998	-1.0472	2.1197	*
				23.38330	51.19100	85.00000	1.4152	-1.2221	2.2913	*
				24.13760	51.19100	85.00000	1.5030	-1.4019	2.4690	*
				24.89190	51.19100	85.00000	1.5606	-1.5870	2.6509	*
				25.64620	51.19100	85.00000	1.5852	-1.7772	2.8342	*
				26.40050	51.19100	85.00000	1.5745	-1.9721	3.0158	*
				27.15480	51.19100	85.00000	1.5260	-2.1713	3.1918	*
				27.90910	51.19100	85.00000	1.4380	-2.3737	3.3585	*
				28.66340	51.19100	85.00000	1.3331	-2.6188	3.5323	*
				29.41770	51.19100	85.00000	1.2030	-2.8901	3.7055	*
				30.17200	51.19100	85.00000	1.0388	-3.1669	3.8658	*
				30.92630	51.19100	85.00000	0.84319	-3.4427	4.0094	*
				31.68060	51.19100	85.00000	0.62061	-3.7137	4.1323	*
				32.43490	51.19100	85.00000	0.37712	-3.9723	4.2310	*
				33.18920	51.19100	85.00000	0.12026	-4.2113	4.3020	*
				33.94350	51.19100	85.00000	-0.10358	-4.4173	4.3502	*
				34.69780	51.19100	85.00000	-0.10729	-4.5754	4.4264	*
				35.45210	51.19100	85.00000	-0.11098	-4.7328	4.4999	*
				36.20640	51.19100	85.00000	-0.11465	-4.8897	4.5705	*
				36.96070	51.19100	85.00000	-0.11832	-5.0458	4.6380	*
				37.71500	51.19100	85.00000	-0.11990	-5.1134	4.6633	*
				38.46930	51.19100	85.00000	-0.11745	-5.0090	4.6098	*
				39.22360	51.19100	85.00000	-0.11501	-4.9050	4.5542	*
				39.97790	51.19100	85.00000	-0.11258	-4.8013	4.4967	*
				40.73220	51.19100	85.00000	-0.11016	-4.6979	4.4374	*
				41.48650	51.19100	85.00000	-0.27741	-4.5505	4.3804	*
				42.24080	51.19100	85.00000	-0.58710	-4.3426	4.3026	*
				42.99510	51.19100	85.00000	-0.87792	-4.1121	4.1960	*
				43.74940	51.19100	85.00000	-1.1413	-3.8651	4.0642	*
				44.50370	51.19100	85.00000	-1.3828	-3.6440	3.9271	*
				45.25800	51.19100	85.00000	-1.5999	-3.4598	3.7890	*
				46.01230	51.19100	85.00000	-1.7710	-3.2630	3.6296	*
				46.76660	51.19100	85.00000	-1.8949	-3.0563	3.4530	*
				47.52090	51.19100	85.00000	-1.9716	-2.8417	3.2637	*
				48.27520	51.19100	85.00000	-1.9724	-2.6551	3.0732	*
				49.02950	51.19100	85.00000	-1.8849	-2.5373	2.8983	*
				49.78380	51.19100	85.00000	-1.7905	-2.4102	2.7276	*
				50.53810	51.19100	85.00000	-1.6816	-2.2638	2.5599	*
				51.29240	51.19100	85.00000	-1.4706	-1.9796	2.3704	*
				52.04670	51.19100	85.00000	-1.2712	-1.7113	2.1997	*
				52.80100	51.19100	85.00000	-1.0835	-1.4586	2.0455	*
				53.55530	51.19100	85.00000	-0.95759	-1.2183	1.9100	*
				54.30960	51.19100	85.00000	-0.83096	-0.98971	1.7791	*
				55.06390	51.19100	85.00000	-0.69158	-0.77306	1.6507	*
				55.81820	51.19100	85.00000	-0.54023	-0.56821	1.5236	*
				56.57250	51.19100	85.00000	-0.37763	-0.37480	1.3958	*
				57.32680	51.19100	85.00000	-0.20443	-0.19232	1.2643	*
				58.08110	51.19100	85.00000	-0.081265	-0.072427	1.1253	*
				58.83540	51.19100	85.00000	0.0	0.0	0.98248	*
				59.58970	51.19100	85.00000	0.0	0.0	0.86216	*
				60.34400	51.19100	85.00000	0.0	0.0	0.74001	*
				61.09830	51.19100	85.00000	0.0	0.0	0.61617	*
				61.85260	51.19100	85.00000	0.0	0.0	0.49079	*
				62.60690	51.19100	85.00000	0.0	0.0	0.36396	*
				63.36120	51.19100	85.00000	0.0	0.0	0.23581	*
				64.11550	51.19100	85.00000	0.0	0.0	0.10642	*
				64.86980	51.19100	85.00000	0.0	0.0	-0.0099815	*
				65.62410	51.19100	85.00000	0.0	0.0	-0.010265	*
				66.37840	51.19100	85.00000	0.0	0.0	-0.010451	*
				67.13270	51.19100	85.00000	0.0	0.0	-0.010556	*
				67.88700	51.19100	85.00000	0.0	0.0	-0.010591	*
				68.64130	51.19100	85.00000	0.0	0.0	-0.010570	*
				69.39560	51.19100	85.00000	0.0	0.0	-0.010500	*
				70.14990	51.19100	85.00000	0.0	0.0	-0.010392	*
				70.90420	51.19100	85.00000	0.0	0.0	-0.010252	*
				71.65850	51.19100	85.00000	0.0	0.0	-0.010087	*
				72.41280	51.19100	85.00000	0.0	0.0	-0.0099009	*
				73.16710	51.19100	85.00000	0.0	0.0	-0.0096992	*
				73.92140	51.19100	85.00000	0.0	0.0	-0.0094854	*
				74.67570	51.19100	85.00000	0.0	0.0	-0.0092627	*
				75.43000	51.19100	85.00000	0.0	0.0	-0.0090399	*
				0.00000	51.91200	85.00000	0.0	0.0	-0.0086557	*
				0.75430	51.91200	85.00000	0.0	0.0	-0.0088855	*
				1.50860	51.91200	85.00000	0.0	0.0	-0.0091119	*
				2.26290	51.91200	85.00000	0.0	0.0	-0.0093329	*
				3.01720	51.91200	85.00000	0.0	0.0	-0.0095457	*
				3.77150	51.91200	85.00000	0.0	0.0	-0.0097475	*
				4.52580	51.91200	85.00000	0.0	0.0	-0.0099345	*
				5.28010	51.91200	85.00000	0.0	0.0	-0.010103	*
				6.03440	51.91200	85.00000	0.0	0.0	-0.010247	*
				6.78870	51.91200	85.00000	0.0	0.0	-0.010361	*
				7.54300	51.91200	85.00000	0.0	0.0	-0.010439	*
				8.29730	51.91200	85.00000	0.0	0.0	-0.010472	*
				9.05160	51.91200	85.00000	0.0	0.0	-0.010451	*
				9.80590	51.91200	85.00000	0.0	0.0	-0.010365	*
				10.56020	51.91200	85.00000	0.0	0.0	-0.010202	*
				11.31450	51.91200	85.00000	0.0	0.0	-0.0099469	*
				12.06880	51.91200	85.00000	0.0	0.0	0.030536	*
				12.82310	51.91200	85.00000	0.0	0.0	0.16314	*
				13.57740	51.91200	85.00000	0.0	0.0	0.29589	*
				14.33170	51.91200	85.00000	0.0	0.0	0.42881	*
				15.08600	51.91200	85.00000	0.0	0.0	0.56194	*
				15.84030	51.91200	85.00000	0.0	0.0	0.69464	*
				16.59460	51.91200	85.00000	0.0	0.0	0.82622	*
				17.34890	51.91200	85.00000	0.0	0.0	0.95659	*
				18.10320	51.91200	85.00000	0.07554	-0.047654	1.1061	*
				18.85750	51.91200	85.00000	0.22405	-0.14677	1.2581	*
				19.61180	51.91200	85.00000	0.43524	-0.29935	1.4019	*
				20.36610	51.91200	85.00000	0.62865	-0.45470	1.5426	*
				21.12040	51.91200	85.00000	0.80293	-0.61314	1.6840	*
				21.87470	51.91200	85.00000	0.95655	-0.77498	1.8288	*
				22.62900	51.91200	85.00000	1.0878	-0.94047	1.9784	*
				23.38330	51.91200	85.00000	1.1948	-1.1098	2.1331	*
				24.13760	51.91200	85.00000	1.2755	-1.2830	2.2924	*
				24.89190	51.91200	85.00000	1.3279	-1.4601	2.4547	*
				25.64620	51.91200	85.00000	1.3501	-1.6408	2.6180	*
				26.40050	51.91200	85.00000	1.3400	-1.8247	2.7794	*
				27.15480	51.91200	85.00000	1.2961	-2.0110	2.9359	*
				27.90910	51.91200	85.00000	1.2238	-2.2098	3.0887	*
				28.66340	51.91200	85.00000	1.1406	-2.4504	3.2492	*
				29.41770	51.91200	85.00000	1.0271	-2.6961	3.4010	*
				30.17200	51.91200	85.00000	0.88489	-2.9436	3.5408	*
				30.92630	51.91200	85.00000	0.71659	-3.1888	3.6651	*
				31.68060	51.91200	85.00000	0.52610	-3.4266	3.7705	*
				32.43490	51.91200	85.00000	0.31862	-3.6513	3.8539	*
				33.18920	51.91200	85.00000	0.10035	-3.8570	3.9126	*
				33.94350	51.91200	85.00000	-0.094608	-4.0348	3.9497	*
				34.69780	51.91200	85.00000	-0.098017	-4.1801	4.0113	*
				35.45210	51.91200	85.00000	-0.10141	-4.3249	4.0706	*
				36.20640	51.91200	85.00000	-0.10479	-4.4690	4.1275	*
				36.96070	51.9120					



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				40.73220	51.91200	85.00000	-0.10068	-4.2939	4.0133
				41.48650	51.91200	85.00000	-0.23661	-4.1652	3.9660
				42.24080	51.91200	85.00000	-0.50010	-3.9850	3.9011
				42.99510	51.91200	85.00000	-0.74824	-3.7830	3.8107
				43.74940	51.91200	85.00000	-0.97384	-3.5645	3.6975
				44.50370	51.91200	85.00000	-1.1734	-3.3410	3.5676
				45.25800	51.91200	85.00000	-1.3618	-3.1731	3.4451
				46.01230	51.91200	85.00000	-1.5113	-2.9922	3.3042
				46.76660	51.91200	85.00000	-1.6201	-2.8005	3.1484
				47.52090	51.91200	85.00000	-1.6877	-2.6002	2.9817
				48.27520	51.91200	85.00000	-1.7147	-2.3930	2.8080
				49.02950	51.91200	85.00000	-1.6608	-2.2357	2.6415
				49.78380	51.91200	85.00000	-1.5654	-2.1073	2.4855
				50.53810	51.91200	85.00000	-1.4629	-1.9693	2.3355
				51.29240	51.91200	85.00000	-1.3208	-1.7780	2.1834
				52.04670	51.91200	85.00000	-1.1255	-1.5152	2.0286
				52.80100	51.91200	85.00000	-0.94179	-1.2678	1.8877
				53.55530	51.91200	85.00000	-0.77544	-1.0360	1.7588
				54.30960	51.91200	85.00000	-0.65294	-0.81839	1.6401
				55.06390	51.91200	85.00000	-0.51811	-0.61071	1.5214
				55.81820	51.91200	85.00000	-0.37160	-0.41302	1.4010
				56.57250	51.91200	85.00000	-0.21401	-0.22517	1.2766
				57.32680	51.91200	85.00000	-0.094545	-0.094260	1.1451
				58.08110	51.91200	85.00000	0.0	0.0	1.0038
				58.83540	51.91200	85.00000	0.0	0.0	0.88863
				59.58970	51.91200	85.00000	0.0	0.0	0.77131
				60.34400	51.91200	85.00000	0.0	0.0	0.65200
				61.09830	51.91200	85.00000	0.0	0.0	0.53087
				61.85260	51.91200	85.00000	0.0	0.0	0.40804
				62.60690	51.91200	85.00000	0.0	0.0	0.28364
				63.36120	51.91200	85.00000	0.0	0.0	0.15780
				64.11550	51.91200	85.00000	0.0	0.0	0.030605
				64.86980	51.91200	85.00000	0.0	0.0	-0.010161
				65.62410	51.91200	85.00000	0.0	0.0	-0.010384
				66.37840	51.91200	85.00000	0.0	0.0	-0.010522
				67.13270	51.91200	85.00000	0.0	0.0	-0.010587
				67.88700	51.91200	85.00000	0.0	0.0	-0.010591
				68.64130	51.91200	85.00000	0.0	0.0	-0.010545
				69.39560	51.91200	85.00000	0.0	0.0	-0.010457
				70.14990	51.91200	85.00000	0.0	0.0	-0.010334
				70.90420	51.91200	85.00000	0.0	0.0	-0.010182
				71.65850	51.91200	85.00000	0.0	0.0	-0.010009
				72.41280	51.91200	85.00000	0.0	0.0	-0.0098168
				73.16710	51.91200	85.00000	0.0	0.0	-0.0096111
				73.92140	51.91200	85.00000	0.0	0.0	-0.0093950
				74.67570	51.91200	85.00000	0.0	0.0	-0.0091712
				75.43000	51.91200	85.00000	0.0	0.0	-0.0089424
				0.00000	52.63300	85.00000	0.0	0.0	-0.0085628
				0.75430	52.63300	85.00000	0.0	0.0	-0.0087915
				1.50860	52.63300	85.00000	0.0	0.0	-0.0090176
				2.26290	52.63300	85.00000	0.0	0.0	-0.0092391
				3.01720	52.63300	85.00000	0.0	0.0	-0.0094538
				3.77150	52.63300	85.00000	0.0	0.0	-0.0096588
				4.52580	52.63300	85.00000	0.0	0.0	-0.0098509
				5.28010	52.63300	85.00000	0.0	0.0	-0.010026
				6.03440	52.63300	85.00000	0.0	0.0	-0.010181
				6.78870	52.63300	85.00000	0.0	0.0	-0.010308
				7.54300	52.63300	85.00000	0.0	0.0	-0.010404
				8.29730	52.63300	85.00000	0.0	0.0	-0.010460
				9.05160	52.63300	85.00000	0.0	0.0	-0.010468
				9.80590	52.63300	85.00000	0.0	0.0	-0.010418
				10.56020	52.63300	85.00000	0.0	0.0	-0.010301
				11.31450	52.63300	85.00000	0.0	0.0	-0.010102
				12.06880	52.63300	85.00000	0.0	0.0	-0.0098078
				12.82310	52.63300	85.00000	0.0	0.0	0.093201
				13.57740	52.63300	85.00000	0.0	0.0	0.22585
				14.33170	52.63300	85.00000	0.0	0.0	0.35831
				15.08600	52.63300	85.00000	0.0	0.0	0.48973
				15.84030	52.63300	85.00000	0.0	0.0	0.61998
				16.59460	52.63300	85.00000	0.0	0.0	0.74896
				17.34890	52.63300	85.00000	0.0	0.0	0.87657
				18.10320	52.63300	85.00000	0.0	0.0	1.0027
				18.85750	52.63300	85.00000	0.11517	-0.079747	1.1562
				19.61180	52.63300	85.00000	0.26982	-0.19634	1.2994
				20.36610	52.63300	85.00000	0.45423	-0.34902	1.4360
				21.12040	52.63300	85.00000	0.61981	-0.50415	1.5702
				21.87470	52.63300	85.00000	0.76523	-0.66193	1.7047
				22.62900	52.63300	85.00000	0.88905	-0.82252	1.8416
				23.38330	52.63300	85.00000	0.98971	-0.98599	1.9815
				24.13760	52.63300	85.00000	1.0656	-1.1523	2.1242
				24.89190	52.63300	85.00000	1.1151	-1.3212	2.2689
				25.64620	52.63300	85.00000	1.1368	-1.4925	2.4139
				26.40050	52.63300	85.00000	1.1292	-1.6655	2.5569
				27.15480	52.63300	85.00000	1.0914	-1.8393	2.6954
				27.90910	52.63300	85.00000	1.0418	-2.0456	2.8385
				28.66340	52.63300	85.00000	0.97025	-2.2652	2.9789
				29.41770	52.63300	85.00000	0.87276	-2.4873	3.1112
				30.17200	52.63300	85.00000	0.75085	-2.7089	3.2322
				30.92630	52.63300	85.00000	0.60705	-2.9263	3.3391
				31.68060	52.63300	85.00000	0.44482	-3.1350	3.4290
				32.43490	52.63300	85.00000	0.26859	-3.3303	3.4991
				33.18920	52.63300	85.00000	0.083531	-3.5072	3.5473
				33.94350	52.63300	85.00000	-0.085817	-3.6599	3.5754
				34.69780	52.63300	85.00000	-0.088928	-3.7925	3.6240
				35.45210	52.63300	85.00000	-0.092025	-3.9246	3.6707
				36.20640	52.63300	85.00000	-0.095107	-4.0560	3.7154
				36.96070	52.63300	85.00000	-0.098173	-4.1868	3.7582
				37.71500	52.63300	85.00000	-0.099713	-4.2525	3.7763
				38.46930	52.63300	85.00000	-0.097614	-4.1629	3.7384
				39.22360	52.63300	85.00000	-0.095523	-4.0738	3.6993
				39.97790	52.63300	85.00000	-0.093440	-3.9849	3.6592
				40.73220	52.63300	85.00000	-0.091366	-3.8965	3.6181
				41.48650	52.63300	85.00000	-0.20131	-3.7840	3.5792
				42.24080	52.63300	85.00000	-0.42485	-3.6278	3.5255
				42.99510	52.63300	85.00000	-0.63571	-3.4508	3.4492
				43.74940	52.63300	85.00000	-0.82786	-3.2572	3.3527
				44.50370	52.63300	85.00000	-0.99623	-3.0510	3.2388
				45.25800	52.63300	85.00000	-1.1528	-2.8825	3.1257
				46.01230	52.63300	85.00000	-1.2813	-2.7159	3.0020
				46.76660	52.63300	85.00000	-1.3747	-2.5382	2.8655
				47.52090	52.63300	85.00000	-1.4319	-2.3511	2.7196
				48.27520	52.63300	85.00000	-1.4531	-2.1563	2.5676
				49.02950	52.63300	85.00000	-1.4389	-1.9551	2.4128
				49.78380	52.63300	85.00000	-1.3492	-1.8163	2.2693
				50.53810	52.63300	85.00000	-1.2455	-1.6766	2.1329
				51.29240	52.63300	85.00000	-1.1344	-1.5270	2.0027
				52.04670	52.63300	85.00000	-0.97099	-1.3071	1.8685
				52.80100	52.63300	85.00000	-0.79103	-1.0649	1.7388
				53.55530	52.63300	85.00000	-0.62236	-0.83779	1.6176
				54.30960	52.63300	85.00000	-0.47763	-0.62723	1.5038
				55.06390	52.63300	85.00000	-0.31662	-0.42897	1.3915
				55.81820	52.63300	85.00000	-0.20423	-0.23902	1.2745
				56.57250	52.63300	85.00000	-0.095668	-0.10604	1.1501
				57.32680	52.63300	85.00000	0.0	0.0	1.0136
				58.08110	52.63300	85.00000	0.0	0.0	0.90396
				58.83540	52.63300	85.00000	0.0	0.0	0.79188
				59.58970	52.63300	85.00000	0.0	0.0	0.67749
				60.34400	52.63300	85.00000	0.0	0.0	0.56098
				61.09830	52.63300	85.00000	0.0	0.0	0.44251
				61.85260	52.63300	85.00000	0.0	0.0	0.32222



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				62.60690	52.63300	85.00000	0.0	0.0	0.20024
				63.36120	52.63300	85.00000	0.0	0.0	0.076701
				64.11550	52.63300	85.00000	0.0	0.0	-0.010053
				64.86980	52.63300	85.00000	0.0	0.0	-0.010310
				65.62410	52.63300	85.00000	0.0	0.0	-0.010478
				66.37840	52.63300	85.00000	0.0	0.0	-0.010571
				67.13270	52.63300	85.00000	0.0	0.0	-0.010601
				67.88700	52.63300	85.00000	0.0	0.0	-0.010577
				68.64130	52.63300	85.00000	0.0	0.0	-0.010508
				69.39560	52.63300	85.00000	0.0	0.0	-0.010402
				70.14990	52.63300	85.00000	0.0	0.0	-0.010266
				70.90420	52.63300	85.00000	0.0	0.0	-0.010105
				71.65850	52.63300	85.00000	0.0	0.0	-0.0099234
				72.41280	52.63300	85.00000	0.0	0.0	-0.0097265
				73.16710	52.63300	85.00000	0.0	0.0	-0.0095176
				73.92140	52.63300	85.00000	0.0	0.0	-0.0092996
				74.67570	52.63300	85.00000	0.0	0.0	-0.0090753
				75.43000	52.63300	85.00000	0.0	0.0	-0.0088468
				0.00000	53.35400	85.00000	0.0	0.0	-0.0084663
				0.75430	53.35400	85.00000	0.0	0.0	-0.0086937
				1.50860	53.35400	85.00000	0.0	0.0	-0.008191
				2.26290	53.35400	85.00000	0.0	0.0	-0.0091408
				3.01720	53.35400	85.00000	0.0	0.0	-0.0093568
				3.77150	53.35400	85.00000	0.0	0.0	-0.0095644
				4.52580	53.35400	85.00000	0.0	0.0	-0.0097609
				5.28010	53.35400	85.00000	0.0	0.0	-0.0099428
				6.03440	53.35400	85.00000	0.0	0.0	-0.010106
				6.78870	53.35400	85.00000	0.0	0.0	-0.010246
				7.54300	53.35400	85.00000	0.0	0.0	-0.010358
				8.29730	53.35400	85.00000	0.0	0.0	-0.010434
				9.05160	53.35400	85.00000	0.0	0.0	-0.010468
				9.80590	53.35400	85.00000	0.0	0.0	-0.010452
				10.56020	53.35400	85.00000	0.0	0.0	-0.010376
				11.31450	53.35400	85.00000	0.0	0.0	-0.010229
				12.06880	53.35400	85.00000	0.0	0.0	-0.0099981
				12.82310	53.35400	85.00000	0.0	0.0	0.023176
				13.57740	53.35400	85.00000	0.0	0.0	0.15459
				14.33170	53.35400	85.00000	0.0	0.0	0.28490
				15.08600	53.35400	85.00000	0.0	0.0	0.41400
				15.84030	53.35400	85.00000	0.0	0.0	0.54181
				16.59460	53.35400	85.00000	0.0	0.0	0.66819
				17.34890	53.35400	85.00000	0.0	0.0	0.79304
				18.10320	53.35400	85.00000	0.0	0.0	0.91622
				18.85750	53.35400	85.00000	0.019453	-0.014236	1.0458
				19.61180	53.35400	85.00000	0.13657	-0.10477	1.1912
				20.36610	53.35400	85.00000	0.28755	-0.23380	1.3263
				21.12040	53.35400	85.00000	0.44599	-0.38531	1.4556
				21.87470	53.35400	85.00000	0.58490	-0.53875	1.5824
				22.62900	53.35400	85.00000	0.70306	-0.69419	1.7088
				23.38330	53.35400	85.00000	0.79922	-0.85160	1.8361
				24.13760	53.35400	85.00000	0.87213	-1.0108	1.9646
				24.89190	53.35400	85.00000	0.92055	-1.1716	2.0938
				25.64620	53.35400	85.00000	0.94339	-1.3336	2.2224
				26.40050	53.35400	85.00000	0.93976	-1.4959	2.3489
				27.15480	53.35400	85.00000	0.91537	-1.6688	2.4743
				27.90910	53.35400	85.00000	0.87881	-1.8661	2.6019
				28.66340	53.35400	85.00000	0.81891	-2.0662	2.7241
				29.41770	53.35400	85.00000	0.73655	-2.2667	2.8386
				30.17200	53.35400	85.00000	0.63333	-2.4648	2.9428
				30.92630	53.35400	85.00000	0.51156	-2.6573	3.0342
				31.68060	53.35400	85.00000	0.37433	-2.8403	3.1103
				32.43490	53.35400	85.00000	0.22543	-3.0099	3.1690
				33.18920	53.35400	85.00000	0.069215	-3.1618	3.2084
				33.94350	53.35400	85.00000	-0.077192	-3.2920	3.2294
				34.69780	53.35400	85.00000	-0.080005	-3.4120	3.2666
				35.45210	53.35400	85.00000	-0.082803	-3.5313	3.3023
				36.20640	53.35400	85.00000	-0.085587	-3.6500	3.3365
				36.96070	53.35400	85.00000	-0.088355	-3.7681	3.3691
				37.71500	53.35400	85.00000	-0.089840	-3.8314	3.3835
				38.46930	53.35400	85.00000	-0.087915	-3.7493	3.3524
				39.22360	53.35400	85.00000	-0.08597	-3.6675	3.3204
				39.97790	53.35400	85.00000	-0.084088	-3.5861	3.2876
				40.73220	53.35400	85.00000	-0.082188	-3.5051	3.2541
				41.48650	53.35400	85.00000	-0.17050	-3.4068	3.2225
				42.24080	53.35400	85.00000	-0.35916	-3.2715	3.1783
				42.99510	53.35400	85.00000	-0.53725	-3.1164	3.1143
				43.74940	53.35400	85.00000	-0.69964	-2.9449	3.0326
				44.50370	53.35400	85.00000	-0.84192	-2.7605	2.9355
				45.25800	53.35400	85.00000	-0.96833	-2.5891	2.8319
				46.01230	53.35400	85.00000	-1.0768	-2.4355	2.7239
				46.76660	53.35400	85.00000	-1.1548	-2.2704	2.6050
				47.52090	53.35400	85.00000	-1.2010	-2.0955	2.4779
				48.27520	53.35400	85.00000	-1.2151	-1.9122	2.3454
				49.02950	53.35400	85.00000	-1.1974	-1.7220	2.2102
				49.78380	53.35400	85.00000	-1.1417	-1.5369	2.0757
				50.53810	53.35400	85.00000	-1.0365	-1.3953	1.9511
				51.29240	53.35400	85.00000	-0.92386	-1.2437	1.8318
				52.04670	53.35400	85.00000	-0.80367	-1.0819	1.7173
				52.80100	53.35400	85.00000	-0.63104	-0.84948	1.5968
				53.55530	53.35400	85.00000	-0.46589	-0.62716	1.4811
				54.30960	53.35400	85.00000	-0.31180	-0.41973	1.3686
				55.06390	53.35400	85.00000	-0.17695	-0.22904	1.2577
				55.81820	53.35400	85.00000	-0.085452	-0.10471	1.1405
				56.57250	53.35400	85.00000	0.0	0.0	1.0117
				57.32680	53.35400	85.00000	0.0	0.0	0.90802
				58.08110	53.35400	85.00000	0.0	0.0	0.80153
				58.83540	53.35400	85.00000	0.0	0.0	0.69243
				59.58970	53.35400	85.00000	0.0	0.0	0.58090
				60.34400	53.35400	85.00000	0.0	0.0	0.46713
				61.09830	53.35400	85.00000	0.0	0.0	0.35128
				61.85260	53.35400	85.00000	0.0	0.0	0.23350
				62.60690	53.35400	85.00000	0.0	0.0	0.11392
				63.36120	53.35400	85.00000	0.0	0.0	-0.0073257
				64.11550	53.35400	85.00000	0.0	0.0	-0.010232
				64.86980	53.35400	85.00000	0.0	0.0	-0.010429
				65.62410	53.35400	85.00000	0.0	0.0	-0.010547
				66.37840	53.35400	85.00000	0.0	0.0	-0.010601
				67.13270	53.35400	85.00000	0.0	0.0	-0.010598
				67.88700	53.35400	85.00000	0.0	0.0	-0.010548
				68.64130	53.35400	85.00000	0.0	0.0	-0.010459
				69.39560	53.35400	85.00000	0.0	0.0	-0.010338
				70.14990	53.35400	85.00000	0.0	0.0	-0.010189
				70.90420	53.35400	85.00000	0.0	0.0	-0.010019
				71.65850	53.35400	85.00000	0.0	0.0	-0.0098315
				72.41280	53.35400	85.00000	0.0	0.0	-0.0096303
				73.16710	53.35400	85.00000	0.0	0.0	-0.0094188
				73.92140	53.35400	85.00000	0.0	0.0	-0.0091996
				74.67570	53.35400	85.00000	0.0	0.0	-0.0089751
				75.43000	53.35400	85.00000	0.0	0.0	-0.0087473
				0.00000	54.07500	85.00000	0.0	0.0	-0.0083665
				0.75430	54.07500	85.00000	0.0	0.0	-0.0085923
				1.50860	54.07500	85.00000	0.0	0.0	-0.0088166
				2.26290	54.07500	85.00000	0.0	0.0	-0.0090381
				3.01720	54.07500	85.00000	0.0	0.0	-0.0092549
				3.77150	54.07500	85.00000	0.0	0.0	-0.0094646
				4.52580	54.07500	85.00000	0.0	0.0	-0.0096647
				5.28010	54.07500	85.00000	0.0	0.0	-0.0098521
				6.03440	54.07500	85.00000	0.0	0.0	-0.010023
				6.78870	54.07500	85.00000	0.0	0.0	-0.010174
				7.54300	54.07500	85.00000	0.0	0.0	-0.010300



Highgate Cemetery
B2

A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				8.29730	54.07500	85.00000	0.0	0.0	-0.010395
				9.05160	54.07500	85.00000	0.0	0.0	-0.010453
				9.80590	54.07500	85.00000	0.0	0.0	-0.010467
				10.56020	54.07500	85.00000	0.0	0.0	-0.010429
				11.31450	54.07500	85.00000	0.0	0.0	-0.010328
				12.06880	54.07500	85.00000	0.0	0.0	-0.010154
				12.82310	54.07500	85.00000	0.0	0.0	-0.0098959
				13.57740	54.07500	85.00000	0.0	0.0	0.080076
				14.33170	54.07500	85.00000	0.0	0.0	0.20818
				15.08600	54.07500	85.00000	0.0	0.0	0.33496
				15.84030	54.07500	85.00000	0.0	0.0	0.46031
				16.59460	54.07500	85.00000	0.0	0.0	0.58411
				17.34890	54.07500	85.00000	0.0	0.0	0.70623
				18.10320	54.07500	85.00000	0.0	0.0	0.82653
				18.85750	54.07500	85.00000	0.0	0.0	0.94482
				19.61180	54.07500	85.00000	0.040416	-0.032782	1.0750
				20.36610	54.07500	85.00000	0.14234	-0.12176	1.2115
				21.12040	54.07500	85.00000	0.28131	-0.25714	1.3388
				21.87470	54.07500	85.00000	0.41518	-0.40606	1.4605
				22.62900	54.07500	85.00000	0.52922	-0.55620	1.5791
				23.38330	54.07500	85.00000	0.62244	-0.70747	1.6963
				24.13760	54.07500	85.00000	0.69387	-0.85966	1.8129
				24.89190	54.07500	85.00000	0.74261	-1.0124	1.9288
				25.64620	54.07500	85.00000	0.76791	-1.1653	2.0433
				26.40050	54.07500	85.00000	0.76923	-1.3175	2.1553
				27.15480	54.07500	85.00000	0.76044	-1.4928	2.2692
				27.90910	54.07500	85.00000	0.73237	-1.6737	2.3804
				28.66340	54.07500	85.00000	0.68380	-1.8556	2.4863
				29.41770	54.07500	85.00000	0.61570	-2.0362	2.5849
				30.17200	54.07500	85.00000	0.52963	-2.2131	2.6742
				30.92630	54.07500	85.00000	0.42773	-2.3833	2.7520
				31.68060	54.07500	85.00000	0.31273	-2.5436	2.8162
				32.43490	54.07500	85.00000	0.18790	-2.6906	2.8651
				33.18920	54.07500	85.00000	0.056943	-2.8205	2.8972
				33.94350	54.07500	85.00000	-0.068716	-2.9305	2.9126
				34.69780	54.07500	85.00000	-0.071230	-3.0378	2.9402
				35.45210	54.07500	85.00000	-0.073730	-3.1444	2.9667
				36.20640	54.07500	85.00000	-0.076215	-3.2503	2.9920
				36.96070	54.07500	85.00000	-0.078685	-3.3557	3.0160
				37.71500	54.07500	85.00000	-0.080094	-3.4158	3.0270
				38.46930	54.07500	85.00000	-0.078342	-3.3410	3.0018
				39.22360	54.07500	85.00000	-0.076598	-3.2667	2.9761
				39.97790	54.07500	85.00000	-0.074862	-3.1927	2.9496
				40.73220	54.07500	85.00000	-0.073135	-3.1190	2.9227
				41.48650	54.07500	85.00000	-0.14336	-3.0333	2.8972
				42.24080	54.07500	85.00000	-0.30137	-2.9165	2.8610
				42.99510	54.07500	85.00000	-0.45045	-2.7807	2.8076
				43.74940	54.07500	85.00000	-0.58622	-2.6289	2.7388
				44.50370	54.07500	85.00000	-0.70484	-2.4640	2.6564
				45.25800	54.07500	85.00000	-0.80478	-2.2937	2.5638
				46.01230	54.07500	85.00000	-0.89430	-2.1517	2.4701
				46.76660	54.07500	85.00000	-0.95713	-1.9981	2.3669
				47.52090	54.07500	85.00000	-0.99197	-1.8344	2.2565
				48.27520	54.07500	85.00000	-0.99821	-1.6619	2.1412
				49.02950	54.07500	85.00000	-0.97577	-1.4819	2.0229
				49.78380	54.07500	85.00000	-0.92500	-1.2954	1.9033
				50.53810	54.07500	85.00000	-0.83582	-1.1251	1.7862
				51.29240	54.07500	85.00000	-0.72147	-0.97121	1.6752
				52.04670	54.07500	85.00000	-0.59945	-0.80695	1.5672
				52.80100	54.07500	85.00000	-0.46160	-0.62139	1.4587
				53.55530	54.07500	85.00000	-0.29981	-0.40359	1.3449
				54.30960	54.07500	85.00000	-0.15763	-0.21220	1.2313
				55.06390	54.07500	85.00000	-0.064894	-0.087357	1.1158
				55.81820	54.07500	85.00000	0.0	0.0	0.99818
				56.57250	54.07500	85.00000	0.0	0.0	0.90076
				57.32680	54.07500	85.00000	0.0	0.0	0.80019
				58.08110	54.07500	85.00000	0.0	0.0	0.69669
				58.83540	54.07500	85.00000	0.0	0.0	0.59048
				59.58970	54.07500	85.00000	0.0	0.0	0.48173
				60.34400	54.07500	85.00000	0.0	0.0	0.37063
				61.09830	54.07500	85.00000	0.0	0.0	0.25735
				61.85260	54.07500	85.00000	0.0	0.0	0.14204
				62.60690	54.07500	85.00000	0.0	0.0	0.024837
				63.36120	54.07500	85.00000	0.0	0.0	-0.010157
				64.11550	54.07500	85.00000	0.0	0.0	-0.010377
				64.86980	54.07500	85.00000	0.0	0.0	-0.010518
				65.62410	54.07500	85.00000	0.0	0.0	-0.010593
				66.37840	54.07500	85.00000	0.0	0.0	-0.010610
				67.13270	54.07500	85.00000	0.0	0.0	-0.010578
				67.88700	54.07500	85.00000	0.0	0.0	-0.010505
				68.64130	54.07500	85.00000	0.0	0.0	-0.010398
				69.39560	54.07500	85.00000	0.0	0.0	-0.010263
				70.14990	54.07500	85.00000	0.0	0.0	-0.010104
				70.90420	54.07500	85.00000	0.0	0.0	-0.0099260
				71.65850	54.07500	85.00000	0.0	0.0	-0.0097330
				72.41280	54.07500	85.00000	0.0	0.0	-0.0095284
				73.16710	54.07500	85.00000	0.0	0.0	-0.0093149
				73.92140	54.07500	85.00000	0.0	0.0	-0.0090950
				74.67570	54.07500	85.00000	0.0	0.0	-0.0088707
				75.43000	54.07500	85.00000	0.0	0.0	-0.0086440
				0.00000	54.79600	85.00000	0.0	0.0	-0.0082636
				0.75430	54.79600	85.00000	0.0	0.0	-0.0084874
				1.50860	54.79600	85.00000	0.0	0.0	-0.0087104
				2.26290	54.79600	85.00000	0.0	0.0	-0.0089312
				3.01720	54.79600	85.00000	0.0	0.0	-0.0091483
				3.77150	54.79600	85.00000	0.0	0.0	-0.0093594
				4.52580	54.79600	85.00000	0.0	0.0	-0.0095624
				5.28010	54.79600	85.00000	0.0	0.0	-0.0097546
				6.03440	54.79600	85.00000	0.0	0.0	-0.0099327
				6.78870	54.79600	85.00000	0.0	0.0	-0.010093
				7.54300	54.79600	85.00000	0.0	0.0	-0.010232
				8.29730	54.79600	85.00000	0.0	0.0	-0.010343
				9.05160	54.79600	85.00000	0.0	0.0	-0.010423
				9.80590	54.79600	85.00000	0.0	0.0	-0.010464
				10.56020	54.79600	85.00000	0.0	0.0	-0.010459
				11.31450	54.79600	85.00000	0.0	0.0	-0.010400
				12.06880	54.79600	85.00000	0.0	0.0	-0.010278
				12.82310	54.79600	85.00000	0.0	0.0	-0.010082
				13.57740	54.79600	85.00000	0.0	0.0	0.0024132
				14.33170	54.79600	85.00000	0.0	0.0	0.12830
				15.08600	54.79600	85.00000	0.0	0.0	0.25276
				15.84030	54.79600	85.00000	0.0	0.0	0.37567
				16.59460	54.79600	85.00000	0.0	0.0	0.49691
				17.34890	54.79600	85.00000	0.0	0.0	0.61634
				18.10320	54.79600	85.00000	0.0	0.0	0.73380
				18.85750	54.79600	85.00000	0.0	0.0	0.84913
				19.61180	54.79600	85.00000	0.0	0.0	0.96214
				20.36610	54.79600	85.00000	0.047557	-0.043030	1.0892
				21.12040	54.79600	85.00000	0.13511	-0.12980	1.2175
				21.87470	54.79600	85.00000	0.25559	-0.26439	1.3370
				22.62900	54.79600	85.00000	0.35683	-0.40920	1.4506
				23.38330	54.79600	85.00000	0.45842	-0.55436	1.5605
				24.13760	54.79600	85.00000	0.52962	-0.69961	1.6677
				24.89190	54.79600	85.00000	0.57983	-0.84457	1.7728
				25.64620	54.79600	85.00000	0.60855	-0.98870	1.8754
				26.40050	54.79600	85.00000	0.62067	-1.1402	1.9768
				27.15480	54.79600	85.00000	0.61983	-1.3046	2.0775
				27.90910	54.79600	85.00000	0.60027	-1.4701	2.1744
				28.66340	54.79600	85.00000	0.56262	-1.6351	2.2661
				29.41770	54.79600	85.00000	0.50790	-1.7976	2.3510

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B2										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
Made by PES		Date 01-Nov-2024		Checked		Date									
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				30.17200	54.79600	85.00000	0.43759	-1.9552	2.4273	*					
				30.92630	54.79600	85.00000	0.35365	-2.1055	2.4933	*					
				31.68060	54.79600	85.00000	0.25853	-2.2455	2.5473	*					
				32.43490	54.79600	85.00000	0.15504	-2.3724	2.5880	*					
				33.18920	54.79600	85.00000	0.046361	-2.4829	2.6140	*					
				33.94350	54.79600	85.00000	-0.060374	-2.5748	2.6251	*					
				34.69780	54.79600	85.00000	-0.062590	-2.6693	2.6450	*					
				35.45210	54.79600	85.00000	-0.064790	-2.7631	2.6640	*					
				36.20640	54.79600	85.00000	-0.066976	-2.8563	2.6819	*					
				36.96070	54.79600	85.00000	-0.069148	-2.9489	2.6989	*					
				37.71500	54.79600	85.00000	-0.070459	-3.0049	2.7068	*					
				38.46930	54.79600	85.00000	-0.068879	-2.9375	2.6868	*					
				39.22360	54.79600	85.00000	-0.067308	-2.8705	2.6663	*					
				39.97790	54.79600	85.00000	-0.065746	-2.8039	2.6452	*					
				40.73220	54.79600	85.00000	-0.064192	-2.7376	2.6238	*					
				41.48650	54.79600	85.00000	-0.11927	-2.6632	2.6034	*					
				42.24080	54.79600	85.00000	-0.25014	-2.5628	2.5738	*					
				42.99510	54.79600	85.00000	-0.37339	-2.4441	2.5295	*					
				43.74940	54.79600	85.00000	-0.48525	-2.3099	2.4717	*					
				44.50370	54.79600	85.00000	-0.58236	-2.1626	2.4021	*					
				45.25800	54.79600	85.00000	-0.66190	-2.0047	2.3224	*					
				46.01230	54.79600	85.00000	-0.73072	-1.8651	2.2396	*					
				46.76660	54.79600	85.00000	-0.77890	-1.7220	2.1501	*					
				47.52090	54.79600	85.00000	-0.80230	-1.5686	2.0542	*					
				48.27520	54.79600	85.00000	-0.80012	-1.4061	1.9535	*					
				49.02950	54.79600	85.00000	-0.77204	-1.2356	1.8494	*					
				49.78380	54.79600	85.00000	-0.71813	-1.0581	1.7430	*					
				50.53810	54.79600	85.00000	-0.63875	-0.87437	1.6348	*					
				51.29240	54.79600	85.00000	-0.52701	-0.70944	1.5284	*					
				52.04670	54.79600	85.00000	-0.40300	-0.54250	1.4233	*					
				52.80100	54.79600	85.00000	-0.27109	-0.36494	1.3168	*					
				53.55530	54.79600	85.00000	-0.14614	-0.19673	1.2039	*					
				54.30960	54.79600	85.00000	-0.0455673	-0.061483	1.0848	*					
				55.06390	54.79600	85.00000	0.0	0.0	0.97416	*					
				55.81820	54.79600	85.00000	0.0	0.0	0.88224	*					
				56.57250	54.79600	85.00000	0.0	0.0	0.78786	*					
				57.32680	54.79600	85.00000	0.0	0.0	0.69025	*					
				58.08110	54.79600	85.00000	0.0	0.0	0.58963	*					
				58.83540	54.79600	85.00000	0.0	0.0	0.48620	*					
				59.58970	54.79600	85.00000	0.0	0.0	0.38015	*					
				60.34400	54.79600	85.00000	0.0	0.0	0.27166	*					
				61.09830	54.79600	85.00000	0.0	0.0	0.16090	*					
				61.85260	54.79600	85.00000	0.0	0.0	0.048012	*					
				62.60690	54.79600	85.00000	0.0	0.0	-0.010089	*					
				63.36120	54.79600	85.00000	0.0	0.0	-0.010327	*					
				64.11550	54.79600	85.00000	0.0	0.0	-0.010487	*					
				64.86980	54.79600	85.00000	0.0	0.0	-0.010580	*					
				65.62410	54.79600	85.00000	0.0	0.0	-0.010615	*					
				66.37840	54.79600	85.00000	0.0	0.0	-0.010600	*					
				67.13270	54.79600	85.00000	0.0	0.0	-0.010542	*					
				67.88700	54.79600	85.00000	0.0	0.0	-0.010449	*					
				68.64130	54.79600	85.00000	0.0	0.0	-0.010326	*					
				69.39560	54.79600	85.00000	0.0	0.0	-0.010178	*					
				70.14990	54.79600	85.00000	0.0	0.0	-0.010010	*					
				70.90420	54.79600	85.00000	0.0	0.0	-0.0098257	*					
				71.65850	54.79600	85.00000	0.0	0.0	-0.0096283	*					
				72.41280	54.79600	85.00000	0.0	0.0	-0.0094209	*					
				73.16710	54.79600	85.00000	0.0	0.0	-0.0092061	*					
				73.92140	54.79600	85.00000	0.0	0.0	-0.0089860	*					
				74.67570	54.79600	85.00000	0.0	0.0	-0.0087625	*					
				75.43000	54.79600	85.00000	0.0	0.0	-0.0085372	*					
				0.00000	55.51700	85.00000	0.0	0.0	-0.0081577	*					
				0.75430	55.51700	85.00000	0.0	0.0	-0.0083792	*					
				1.50860	55.51700	85.00000	0.0	0.0	-0.0086006	*					
				2.26290	55.51700	85.00000	0.0	0.0	-0.0088204	*					
				3.01720	55.51700	85.00000	0.0	0.0	-0.0090372	*					
				3.77150	55.51700	85.00000	0.0	0.0	-0.0092492	*					
				4.52580	55.51700	85.00000	0.0	0.0	-0.0094544	*					
				5.28010	55.51700	85.00000	0.0	0.0	-0.0096503	*					
				6.03440	55.51700	85.00000	0.0	0.0	-0.0098342	*					
				6.78870	55.51700	85.00000	0.0	0.0	-0.010003	*					
				7.54300	55.51700	85.00000	0.0	0.0	-0.010152	*					
				8.29730	55.51700	85.00000	0.0	0.0	-0.010279	*					
				9.05160	55.51700	85.00000	0.0	0.0	-0.010377	*					
				9.80590	55.51700	85.00000	0.0	0.0	-0.010442	*					
				10.56020	55.51700	85.00000	0.0	0.0	-0.010467	*					
				11.31450	55.51700	85.00000	0.0	0.0	-0.010446	*					
				12.06880	55.51700	85.00000	0.0	0.0	-0.010369	*					
				12.82310	55.51700	85.00000	0.0	0.0	-0.010229	*					
				13.57740	55.51700	85.00000	0.0	0.0	-0.010016	*					
				14.33170	55.51700	85.00000	0.0	0.0	0.045436	*					
				15.08600	55.51700	85.00000	0.0	0.0	0.16758	*					
				15.84030	55.51700	85.00000	0.0	0.0	0.28807	*					
				16.59460	55.51700	85.00000	0.0	0.0	0.40678	*					
				17.34890	55.51700	85.00000	0.0	0.0	0.52356	*					
				18.10320	55.51700	85.00000	0.0	0.0	0.63825	*					
				18.85750	55.51700	85.00000	0.0	0.0	0.75069	*					
				19.61180	55.51700	85.00000	0.0	0.0	0.86067	*					
				20.36610	55.51700	85.00000	0.0	0.0	0.96800	*					
				21.12040	55.51700	85.00000	0.043431	-0.044147	1.0887	*					
				21.87470	55.51700	85.00000	0.11773	-0.12803	1.2092	*					
				22.62900	55.51700	85.00000	0.21517	-0.25376	1.3209	*					
				23.38330	55.51700	85.00000	0.30622	-0.39291	1.4263	*					
				24.13760	55.51700	85.00000	0.37822	-0.53140	1.5270	*					
				24.89190	55.51700	85.00000	0.43079	-0.66883	1.6238	*					
				25.64620	55.51700	85.00000	0.46366	-0.80465	1.7171	*					
				26.40050	55.51700	85.00000	0.48620	-0.95453	1.8096	*					
				27.15480	55.515										



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				52.04670	55.51700	85.00000	-0.21411	-0.28823	1.2807
				52.80100	55.51700	85.00000	-0.11570	-0.15575	1.1700
				53.55530	55.51700	85.00000	-0.020743	-0.027923	1.0511
				54.30960	55.51700	85.00000	0.0	0.0	0.94811
				55.06390	55.51700	85.00000	0.0	0.0	0.85644
				55.81820	55.51700	85.00000	0.0	0.0	0.76498
				56.57250	55.51700	85.00000	0.0	0.0	0.67314
				57.32680	55.51700	85.00000	0.0	0.0	0.57836
				58.08110	55.51700	85.00000	0.0	0.0	0.48050
				58.83540	55.51700	85.00000	0.0	0.0	0.37975
				59.58970	55.51700	85.00000	0.0	0.0	0.27632
				60.34400	55.51700	85.00000	0.0	0.0	0.17037
				61.09830	55.51700	85.00000	0.0	0.0	0.062062
				61.85260	55.51700	85.00000	0.0	0.0	-0.010031
				62.60690	55.51700	85.00000	0.0	0.0	-0.010283
				63.36120	55.51700	85.00000	0.0	0.0	-0.010457
				64.11550	55.51700	85.00000	0.0	0.0	-0.010565
				64.86980	55.51700	85.00000	0.0	0.0	-0.010615
				65.62410	55.51700	85.00000	0.0	0.0	-0.010614
				66.37840	55.51700	85.00000	0.0	0.0	-0.010571
				67.13270	55.51700	85.00000	0.0	0.0	-0.010491
				67.88700	55.51700	85.00000	0.0	0.0	-0.010380
				68.64130	55.51700	85.00000	0.0	0.0	-0.010243
				69.39560	55.51700	85.00000	0.0	0.0	-0.010084
				70.14990	55.51700	85.00000	0.0	0.0	-0.0099084
				70.90420	55.51700	85.00000	0.0	0.0	-0.0097186
				71.65850	55.51700	85.00000	0.0	0.0	-0.0095177
				72.41280	55.51700	85.00000	0.0	0.0	-0.0093083
				73.16710	55.51700	85.00000	0.0	0.0	-0.0090928
				73.92140	55.51700	85.00000	0.0	0.0	-0.0088730
				74.67570	55.51700	85.00000	0.0	0.0	-0.0086506
				75.43000	55.51700	85.00000	0.0	0.0	-0.0084272
				0.00000	56.23800	85.00000	0.0	0.0	-0.0080491
				0.75430	56.23800	85.00000	0.0	0.0	-0.0082681
				1.50860	56.23800	85.00000	0.0	0.0	-0.0084874
				2.26290	56.23800	85.00000	0.0	0.0	-0.0087058
				3.01720	56.23800	85.00000	0.0	0.0	-0.0089219
				3.77150	56.23800	85.00000	0.0	0.0	-0.0091342
				4.52580	56.23800	85.00000	0.0	0.0	-0.0093409
				5.28010	56.23800	85.00000	0.0	0.0	-0.0095398
				6.03440	56.23800	85.00000	0.0	0.0	-0.0097284
				6.78870	56.23800	85.00000	0.0	0.0	-0.0099040
				7.54300	56.23800	85.00000	0.0	0.0	-0.010063
				8.29730	56.23800	85.00000	0.0	0.0	-0.010202
				9.05160	56.23800	85.00000	0.0	0.0	-0.010317
				9.80590	56.23800	85.00000	0.0	0.0	-0.010403
				10.56020	56.23800	85.00000	0.0	0.0	-0.010455
				11.31450	56.23800	85.00000	0.0	0.0	-0.010466
				12.06880	56.23800	85.00000	0.0	0.0	-0.010430
				12.82310	56.23800	85.00000	0.0	0.0	-0.010339
				13.57740	56.23800	85.00000	0.0	0.0	-0.010186
				14.33170	56.23800	85.00000	0.0	0.0	-0.0099608
				15.08600	56.23800	85.00000	0.0	0.0	0.079580
				15.84030	56.23800	85.00000	0.0	0.0	0.19768
				16.59460	56.23800	85.00000	0.0	0.0	0.31389
				17.34890	56.23800	85.00000	0.0	0.0	0.42807
				18.10320	56.23800	85.00000	0.0	0.0	0.54006
				18.85750	56.23800	85.00000	0.0	0.0	0.64968
				19.61180	56.23800	85.00000	0.0	0.0	0.75674
				20.36610	56.23800	85.00000	0.0	0.0	0.86105
				21.12040	56.23800	85.00000	0.0	0.0	0.96236
				21.87470	56.23800	85.00000	0.030736	-0.035374	1.0737
				22.62900	56.23800	85.00000	0.093145	-0.11568	1.1868
				23.38330	56.23800	85.00000	0.16491	-0.22365	1.2908
				24.13760	56.23800	85.00000	0.23854	-0.35563	1.3879
				24.89190	56.23800	85.00000	0.29417	-0.48585	1.4793
				25.64620	56.23800	85.00000	0.33507	-0.61961	1.5669
				26.40050	56.23800	85.00000	0.36268	-0.75854	1.6510
				27.15480	56.23800	85.00000	0.37479	-0.89742	1.7310
				27.90910	56.23800	85.00000	0.37188	-1.0350	1.8062
				28.66340	56.23800	85.00000	0.35465	-1.1699	1.8760
				29.41770	56.23800	85.00000	0.32415	-1.3005	1.9395
				30.17200	56.23800	85.00000	0.28169	-1.4248	1.9957
				30.92630	56.23800	85.00000	0.22892	-1.5408	2.0435
				31.68060	56.23800	85.00000	0.16776	-1.6464	2.0820
				32.43490	56.23800	85.00000	0.10039	-1.7392	2.1102
				33.18920	56.23800	85.00000	0.029196	-1.8172	2.1275
				33.94350	56.23800	85.00000	-0.043316	-1.8780	2.1333
				34.69780	56.23800	85.00000	-0.045647	-1.9467	2.1424
				35.45210	56.23800	85.00000	-0.047249	-2.0150	2.1510
				36.20640	56.23800	85.00000	-0.048836	-2.0827	2.1590
				36.96070	56.23800	85.00000	-0.050408	-2.1497	2.1664
				37.71500	56.23800	85.00000	-0.051459	-2.1946	2.1698
				38.46930	56.23800	85.00000	-0.050224	-2.1419	2.1572
				39.22360	56.23800	85.00000	-0.048998	-2.0896	2.1444
				39.97790	56.23800	85.00000	-0.047780	-2.0377	2.1312
				40.73220	56.23800	85.00000	-0.046571	-1.9861	2.1177
				41.48650	56.23800	85.00000	-0.078362	-1.9315	2.1047
				42.24080	56.23800	85.00000	-0.16334	-1.8587	2.0848
				42.99510	56.23800	85.00000	-0.24262	-1.7692	2.0541
				43.74940	56.23800	85.00000	-0.31334	-1.6649	2.0132
				44.50370	56.23800	85.00000	-0.37290	-1.5478	1.9631
				45.25800	56.23800	85.00000	-0.41901	-1.4198	1.9049
				46.01230	56.23800	85.00000	-0.45065	-1.2852	1.8400
				46.76660	56.23800	85.00000	-0.47123	-1.1603	1.7715
				47.52090	56.23800	85.00000	-0.47212	-1.0250	1.6969
				48.27520	56.23800	85.00000	-0.45235	-0.88013	1.6171
				49.02950	56.23800	85.00000	-0.41131	-0.72668	1.5323
				49.78380	56.23800	85.00000	-0.34868	-0.56545	1.4426
				50.53810	56.23800	85.00000	-0.26440	-0.39717	1.3473
				51.29240	56.23800	85.00000	-0.16107	-0.22592	1.2450
				52.04670	56.23800	85.00000	-0.081912	-0.11027	1.1342
				52.80100	56.23800	85.00000	0.0	0.0	1.0136
				53.55530	56.23800	85.00000	0.0	0.0	0.92190
				54.30960	56.23800	85.00000	0.0	0.0	0.83037
				55.06390	56.23800	85.00000	0.0	0.0	0.73901
				55.81820	56.23800	85.00000	0.0	0.0	0.64782
				56.57250	56.23800	85.00000	0.0	0.0	0.55679
				57.32680	56.23800	85.00000	0.0	0.0	0.46466
				58.08110	56.23800	85.00000	0.0	0.0	0.36945
				58.83540	56.23800	85.00000	0.0	0.0	0.27130
				59.58970	56.23800	85.00000	0.0	0.0	0.17039
				60.34400	56.23800	85.00000	0.0	0.0	0.066903
				61.09830	56.23800	85.00000	0.0	0.0	-0.0099880
				61.85260	56.23800	85.00000	0.0	0.0	-0.010247
				62.60690	56.23800	85.00000	0.0	0.0	-0.010431
				63.36120	56.23800	85.00000	0.0	0.0	-0.010551
				64.11550	56.23800	85.00000	0.0	0.0	-0.010612
				64.86980	56.23800	85.00000	0.0	0.0	-0.010624
				65.62410	56.23800	85.00000	0.0	0.0	-0.010593
				66.37840	56.23800	85.00000	0.0	0.0	-0.010524
				67.13270	56.23800	85.00000	0.0	0.0	-0.010424
				67.88700	56.23800	85.00000	0.0	0.0	-0.010298
				68.64130	56.23800	85.00000	0.0	0.0	-0.010149
				69.39560	56.23800	85.00000	0.0	0.0	-0.0099815
				70.14990	56.23800	85.00000	0.0	0.0	-0.0097992
				70.90420	56.23800	85.00000	0.0	0.0	-0.0096049
				71.65850	56.23800	85.00000	0.0	0.0	-0.0094014
				72.41280	56.23800	85.00000	0.0	0.0	-0.0091908
				73.16710	56.23800	85.00000	0.0	0.0	-0.0089751



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				73.92140	56.23800	85.00000	0.0	0.0	-0.0087562
				74.67570	56.23800	85.00000	0.0	0.0	-0.0085354
				75.43000	56.23800	85.00000	0.0	0.0	-0.0083140
				0.00000	56.95900	85.00000	0.0	0.0	-0.0079379
				0.75430	56.95900	85.00000	0.0	0.0	-0.0081542
				1.50860	56.95900	85.00000	0.0	0.0	-0.0083711
				2.26290	56.95900	85.00000	0.0	0.0	-0.0085877
				3.01720	56.95900	85.00000	0.0	0.0	-0.0088027
				3.77150	56.95900	85.00000	0.0	0.0	-0.0090147
				4.52580	56.95900	85.00000	0.0	0.0	-0.0092222
				5.28010	56.95900	85.00000	0.0	0.0	-0.0094232
				6.03440	56.95900	85.00000	0.0	0.0	-0.0096156
				6.78870	56.95900	85.00000	0.0	0.0	-0.0097969
				7.54300	56.95900	85.00000	0.0	0.0	-0.0099642
				8.29730	56.95900	85.00000	0.0	0.0	-0.010114
				9.05160	56.95900	85.00000	0.0	0.0	-0.010244
				9.80590	56.95900	85.00000	0.0	0.0	-0.010348
				10.56020	56.95900	85.00000	0.0	0.0	-0.010423
				11.31450	56.95900	85.00000	0.0	0.0	-0.010462
				12.06880	56.95900	85.00000	0.0	0.0	-0.010462
				12.82310	56.95900	85.00000	0.0	0.0	-0.010415
				13.57740	56.95900	85.00000	0.0	0.0	-0.010314
				14.33170	56.95900	85.00000	0.0	0.0	-0.010151
				15.08600	56.95900	85.00000	0.0	0.0	-0.0099198
				15.84030	56.95900	85.00000	0.0	0.0	0.10465
				16.59460	56.95900	85.00000	0.0	0.0	0.21841
				17.34890	56.95900	85.00000	0.0	0.0	0.33004
				18.10320	56.95900	85.00000	0.0	0.0	0.43940
				18.85750	56.95900	85.00000	0.0	0.0	0.54629
				19.61180	56.95900	85.00000	0.0	0.0	0.65053
				20.36610	56.95900	85.00000	0.0	0.0	0.75193
				21.12040	56.95900	85.00000	0.0	0.0	0.85026
				21.87470	56.95900	85.00000	0.0	0.0	0.94527
				22.62900	56.95900	85.00000	0.012211	-0.016053	1.0442
				23.38330	56.95900	85.00000	0.064292	-0.092110	1.1502
				24.13760	56.95900	85.00000	0.10952	-0.17275	1.2468
				24.89190	56.95900	85.00000	0.16903	-0.29660	1.3359
				25.64620	56.95900	85.00000	0.21615	-0.42493	1.4198
				26.40050	56.95900	85.00000	0.24886	-0.55319	1.4983
				27.15480	56.95900	85.00000	0.26750	-0.68042	1.5716
				27.90910	56.95900	85.00000	0.27257	-0.80548	1.6396
				28.66340	56.95900	85.00000	0.26484	-0.92702	1.7019
				29.41770	56.95900	85.00000	0.24529	-1.0435	1.7579
				30.17200	56.95900	85.00000	0.21517	-1.1534	1.8069
				30.92630	56.95900	85.00000	0.17598	-1.2546	1.8482
				31.68060	56.95900	85.00000	0.12944	-1.3455	1.8812
				32.43490	56.95900	85.00000	0.077486	-1.4239	1.9051
				33.18920	56.95900	85.00000	0.022206	-1.4880	1.9194
				33.94350	56.95900	85.00000	-0.034212	-1.5358	1.9237
				34.69780	56.95900	85.00000	-0.037314	-1.5913	1.9294
				35.45210	56.95900	85.00000	-0.038615	-1.6468	1.9348
				36.20640	56.95900	85.00000	-0.039902	-1.7017	1.9398
				36.96070	56.95900	85.00000	-0.041174	-1.7560	1.9444
				37.71500	56.95900	85.00000	-0.042063	-1.7939	1.9462
				38.46930	56.95900	85.00000	-0.041000	-1.7485	1.9361
				39.22360	56.95900	85.00000	-0.038946	-1.7036	1.9258
				39.97790	56.95900	85.00000	-0.038900	-1.6590	1.9152
				40.73220	56.95900	85.00000	-0.037863	-1.6147	1.9044
				41.48650	56.95900	85.00000	-0.060813	-1.5689	1.8938
				42.24080	56.95900	85.00000	-0.12621	-1.5079	1.8772
				42.99510	56.95900	85.00000	-0.18663	-1.4309	1.8512
				43.74940	56.95900	85.00000	-0.23954	-1.3394	1.8162
				44.50370	56.95900	85.00000	-0.28263	-1.2353	1.7730
				45.25800	56.95900	85.00000	-0.31383	-1.1202	1.7222
				46.01230	56.95900	85.00000	-0.33136	-0.99572	1.6645
				46.76660	56.95900	85.00000	-0.33784	-0.87521	1.6024
				47.52090	56.95900	85.00000	-0.32786	-0.74772	1.5345
				48.27520	56.95900	85.00000	-0.29920	-0.61062	1.4606
				49.02950	56.95900	85.00000	-0.25118	-0.46474	1.3806
				49.78380	56.95900	85.00000	-0.18336	-0.31082	1.2939
				50.53810	56.95900	85.00000	-0.11445	-0.17948	1.1994
				51.29240	56.95900	85.00000	-0.048018	-0.070292	1.0951
				52.04670	56.95900	85.00000	0.0	0.0	0.98683
				52.80100	56.95900	85.00000	0.0	0.0	0.89556
				53.55530	56.95900	85.00000	0.0	0.0	0.80417
				54.30960	56.95900	85.00000	0.0	0.0	0.71293
				55.06390	56.95900	85.00000	0.0	0.0	0.62183
				55.81820	56.95900	85.00000	0.0	0.0	0.53087
				56.57250	56.95900	85.00000	0.0	0.0	0.44004
				57.32680	56.95900	85.00000	0.0	0.0	0.34930
				58.08110	56.95900	85.00000	0.0	0.0	0.25663
				58.83540	56.95900	85.00000	0.0	0.0	0.16097
				59.58970	56.95900	85.00000	0.0	0.0	0.062504
				60.34400	56.95900	85.00000	0.0	0.0	-0.0099618
				61.09830	56.95900	85.00000	0.0	0.0	-0.010222
				61.85260	56.95900	85.00000	0.0	0.0	-0.010412
				62.60690	56.95900	85.00000	0.0	0.0	-0.010538
				63.36120	56.95900	85.00000	0.0	0.0	-0.010609
				64.11550	56.95900	85.00000	0.0	0.0	-0.010630
				64.86980	56.95900	85.00000	0.0	0.0	-0.010609
				65.62410	56.95900	85.00000	0.0	0.0	-0.010551
				66.37840	56.95900	85.00000	0.0	0.0	-0.010461
				67.13270	56.95900	85.00000	0.0	0.0	-0.010344
				67.88700	56.95900	85.00000	0.0	0.0	-0.010204
				68.64130	56.95900	85.00000	0.0	0.0	-0.010045
				69.39560	56.95900	85.00000	0.0	0.0	-0.0098703
				70.14990	56.95900	85.00000	0.0	0.0	-0.0096828
				70.90420	56.95900	85.00000	0.0	0.0	-0.0094852
				71.65850	56.95900	85.00000	0.0	0.0	-0.0092798
				72.41280	56.95900	85.00000	0.0	0.0	-0.0090687
				73.16710	56.95900	85.00000	0.0	0.0	-0.0088535
				73.92140	56.95900	85.00000	0.0	0.0	-0.0086358
				74.67570	56.95900	85.00000	0.0	0.0	-0.0084170
				75.43000	56.95900	85.00000	0.0	0.0	-0.0081981
				0.00000	57.68000	85.00000	0.0	0.0	-0.0078244
				0.75430	57.68000	85.00000	0.0	0.0	-0.0080377
				1.50860	57.68000	85.00000	0.0	0.0	-0.0082520
				2.26290	57.68000	85.00000	0.0	0.0	-0.0084664
				3.01720	57.68000	85.00000	0.0	0.0	-0.0086798
				3.77150	57.68000	85.00000	0.0	0.0	-0.0088911
				4.52580	57.68000	85.00000	0.0	0.0	-0.0090988
				5.28010	57.68000	85.00000	0.0	0.0	-0.0093011
				6.03440	57.68000	85.00000	0.0	0.0	-0.0094963
				6.78870	57.68000	85.00000	0.0	0.0	-0.0096821
				7.54300	57.68000	85.00000	0.0	0.0	-0.0098561
				8.29730	57.68000	85.00000	0.0	0.0	-0.010015
				9.05160	57.68000	85.00000	0.0	0.0	-0.010157
				9.80590	57.68000	85.00000	0.0	0.0	-0.010277
				10.56020	57.68000	85.00000	0.0	0.0	-0.010372
				11.31450	57.68000	85.00000	0.0	0.0	-0.010437
				12.06880	57.68000	85.00000	0.0	0.0	-0.010467
				12.82310	57.68000	85.00000	0.0	0.0	-0.010457
				13.57740	57.68000	85.00000	0.0	0.0	-0.010402
				14.33170	57.68000	85.00000	0.0	0.0	-0.010294
				15.08600	57.68000	85.00000	0.0	0.0	-0.010128
				15.84030	57.68000	85.00000	0.0	0.0	-0.0091322
				16.59460	57.68000	85.00000	0.0	0.0	0.12049
				17.34890	57.68000	85.00000	0.0	0.0	0.22964
				18.10320	57.68000	85.00000	0.0	0.0	0.33643
				18.85750	57.68000	85.00000	0.0	0.0	0.44068



Highgate Cemetery
B2

A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				19.61180	57.68000	85.00000	0.0	0.0	0.54221
				20.36610	57.68000	85.00000	0.0	0.0	0.64081
				21.12040	57.68000	85.00000	0.0	0.0	0.73629
				21.87470	57.68000	85.00000	0.0	0.0	0.82840
				22.62900	57.68000	85.00000	0.0	0.0	0.91690
				23.38330	57.68000	85.00000	0.0	0.0	1.0016
				24.13760	57.68000	85.00000	0.033979	-0.056836	1.0993
				24.89190	57.68000	85.00000	0.068598	-0.12789	1.1894
				25.64620	57.68000	85.00000	0.10570	-0.22104	1.2719
				26.40050	57.68000	85.00000	0.14363	-0.33921	1.3475
				27.15480	57.68000	85.00000	-0.16873	-0.45552	1.4168
				27.90910	57.68000	85.00000	0.18154	-0.56889	1.4801
				28.66340	57.68000	85.00000	0.18283	-0.67809	1.5371
				29.41770	57.68000	85.00000	0.17354	-0.78173	1.5877
				30.17200	57.68000	85.00000	0.15485	-0.87831	1.6315
				30.92630	57.68000	85.00000	0.12812	-0.96619	1.6680
				31.68060	57.68000	85.00000	0.094915	-1.0437	1.6968
				32.43490	57.68000	85.00000	0.056950	-1.1091	1.7175
				33.18920	57.68000	85.00000	0.016069	-1.1606	1.7296
				33.94350	57.68000	85.00000	-0.025802	-1.1966	1.7329
				34.69780	57.68000	85.00000	-0.029052	-1.2390	1.7362
				35.45210	57.68000	85.00000	-0.030053	-1.2817	1.7394
				36.20640	57.68000	85.00000	-0.031040	-1.3238	1.7423
				36.96070	57.68000	85.00000	-0.032011	-1.3652	1.7449
				37.71500	57.68000	85.00000	-0.032716	-1.3952	1.7457
				38.46930	57.68000	85.00000	-0.031825	-1.3572	1.7374
				39.22360	57.68000	85.00000	-0.030942	-1.3196	1.7288
				39.97790	57.68000	85.00000	-0.030068	-1.2823	1.7201
				40.73220	57.68000	85.00000	-0.029201	-1.2454	1.7111
				41.48650	57.68000	85.00000	-0.044823	-1.2078	1.7023
				42.24080	57.68000	85.00000	-0.092464	-1.1575	1.6882
				42.99510	57.68000	85.00000	-0.13571	-1.0917	1.6656
				43.74940	57.68000	85.00000	-0.17233	-1.0119	1.6349
				44.50370	57.68000	85.00000	-0.20024	-0.91968	1.5965
				45.25800	57.68000	85.00000	-0.21758	-0.81642	1.5509
				46.01230	57.68000	85.00000	-0.22271	-0.70359	1.4985
				46.76660	57.68000	85.00000	-0.21589	-0.58733	1.4403
				47.52090	57.68000	85.00000	-0.19534	-0.46701	1.3762
				48.27520	57.68000	85.00000	-0.15786	-0.33703	1.3051
				49.02950	57.68000	85.00000	-0.10973	-0.21193	1.2263
				49.78380	57.68000	85.00000	-0.066182	-0.11712	1.1398
				50.53810	57.68000	85.00000	-0.010300	-0.016859	1.0410
				51.29240	57.68000	85.00000	0.0	0.0	0.95218
				52.04670	57.68000	85.00000	0.0	0.0	0.86692
				52.80100	57.68000	85.00000	0.0	0.0	0.77787
				53.55530	57.68000	85.00000	0.0	0.0	0.68676
				54.30960	57.68000	85.00000	0.0	0.0	0.59577
				55.06390	57.68000	85.00000	0.0	0.0	0.50489
				55.81820	57.68000	85.00000	0.0	0.0	0.41412
				56.57250	57.68000	85.00000	0.0	0.0	0.32347
				57.32680	57.68000	85.00000	0.0	0.0	0.23291
				58.08110	57.68000	85.00000	0.0	0.0	0.14215
				58.83540	57.68000	85.00000	0.0	0.0	0.048889
				59.58970	57.68000	85.00000	0.0	0.0	-0.0099544
				60.34400	57.68000	85.00000	0.0	0.0	-0.010211
				61.09830	57.68000	85.00000	0.0	0.0	-0.010401
				61.85260	57.68000	85.00000	0.0	0.0	-0.010530
				62.60690	57.68000	85.00000	0.0	0.0	-0.010606
				63.36120	57.68000	85.00000	0.0	0.0	-0.010635
				64.11550	57.68000	85.00000	0.0	0.0	-0.010622
				64.86980	57.68000	85.00000	0.0	0.0	-0.010572
				65.62410	57.68000	85.00000	0.0	0.0	-0.010491
				66.37840	57.68000	85.00000	0.0	0.0	-0.010382
				67.13270	57.68000	85.00000	0.0	0.0	-0.010251
				67.88700	57.68000	85.00000	0.0	0.0	-0.010100
				68.64130	57.68000	85.00000	0.0	0.0	-0.009922
				69.39560	57.68000	85.00000	0.0	0.0	-0.0097514
				70.14990	57.68000	85.00000	0.0	0.0	-0.0095599
				70.90420	57.68000	85.00000	0.0	0.0	-0.0093599
				71.65850	57.68000	85.00000	0.0	0.0	-0.0091534
				72.41280	57.68000	85.00000	0.0	0.0	-0.0089424
				73.16710	57.68000	85.00000	0.0	0.0	-0.0087282
				73.92140	57.68000	85.00000	0.0	0.0	-0.0085122
				74.67570	57.68000	85.00000	0.0	0.0	-0.0082957
				75.43000	57.68000	85.00000	0.0	0.0	-0.0080796
				0.00000	58.40100	85.00000	0.0	0.0	-0.0077089
				0.75430	58.40100	85.00000	0.0	0.0	-0.0079189
				1.50860	58.40100	85.00000	0.0	0.0	-0.0081302
				2.26290	58.40100	85.00000	0.0	0.0	-0.0083421
				3.01720	58.40100	85.00000	0.0	0.0	-0.0085536
				3.77150	58.40100	85.00000	0.0	0.0	-0.0087636
				4.52580	58.40100	85.00000	0.0	0.0	-0.0089709
				5.28010	58.40100	85.00000	0.0	0.0	-0.0091739
				6.03440	58.40100	85.00000	0.0	0.0	-0.0093709
				6.78870	58.40100	85.00000	0.0	0.0	-0.0095602
				7.54300	58.40100	85.00000	0.0	0.0	-0.0097395
				8.29730	58.40100	85.00000	0.0	0.0	-0.0099063
				9.05160	58.40100	85.00000	0.0	0.0	-0.010058
				9.80590	58.40100	85.00000	0.0	0.0	-0.010191
				10.56020	58.40100	85.00000	0.0	0.0	-0.010303
				11.31450	58.40100	85.00000	0.0	0.0	-0.010390
				12.06880	58.40100	85.00000	0.0	0.0	-0.010447
				12.82310	58.40100	85.00000	0.0	0.0	-0.010469
				13.57740	58.40100	85.00000	0.0	0.0	-0.010453
				14.33170	58.40100	85.00000	0.0	0.0	-0.010393
				15.08600	58.40100	85.00000	0.0	0.0	-0.010283
				15.84030	58.40100	85.00000	0.0	0.0	-0.010118
				16.59460	58.40100	85.00000	0.0	0.0	0.020282
				17.34890	58.40100	85.00000	0.0	0.0	0.12701
				18.10320	58.40100	85.00000	0.0	0.0	0.23131
				18.85750	58.40100	85.00000	0.0	0.0	0.33300
				19.61180	58.40100	85.00000	0.0	0.0	0.43191
				20.36610	58.40100	85.00000	0.0	0.0	0.52784
				21.12040	58.40100	85.00000	0.0	0.0	0.62060
				21.87470	58.40100	85.00000	0.0	0.0	0.70994
				22.62900	58.40100	85.00000	0.0	0.0	0.79566
				23.38330	58.40100	85.00000	0.0	0.0	0.87751
				24.13760	58.40100	85.00000	0.0	0.0	0.95523
				24.89190	58.40100	85.00000	0.0049525	-0.0097784	1.0339
				25.64620	58.40100	85.00000	0.034428	-0.076393	1.1179
				26.40050	58.40100	85.00000	0.056723	-0.14288	1.1936
				27.15480	58.40100	85.00000	0.077452	-0.22323	1.2616
				27.90910	58.40100	85.00000	0.097738	-0.32573	1.3226
				28.66340	58.40100	85.00000	0.10760	-0.42350	1.3767
				29.41770	58.40100	85.00000	0.10794	-0.51530	1.4240
				30.17200	58.40100	85.00000	0.099871	-0.59976	1.4645
				30.92630	58.40100	85.00000	0.084634	-0.67541	1.4978
				31.68060	58.40100	85.00000	0.063644	-0.74076	1.5238
				32.43490	58.40100	85.00000	0.038440	-0.79425	1.5422
				33.18920	58.40100	85.00000	0.010663	-0.83437	1.5528
				33.94350	58.40100	85.00000	-0.017985	-0.85964	1.5554
				34.69780	58.40100	85.00000	-0.020847	-0.88905	1.5570
				35.45210	58.40100	85.00000	-0.021547	-0.91891	1.5587
				36.20640	58.40100	85.00000	-0.022232	-0.94815	1.5601
				36.96070	58.40100	85.00000	-0.022903	-0.97675	1.5612
				37.71500	58.40100	85.00000	-0.023402	-0.99803	1.5611
				38.46930	58.40100	85.00000	-0.022682	-0.96732	1.5540
				39.22360	58.40100	85.00000	-0.021970	-0.93697	1.5466
				39.97790	58.40100	85.00000	-0.021267	-0.90698	1.5391
				40.73220	58.40100	85.00000	-0.020572	-0.87734	1.5315



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				41.48650	58.40100	85.00000	-0.030171	-0.847773	1.5239
				42.24080	58.40100	85.00000	-0.061615	-0.80710	1.5114
				42.99510	58.40100	85.00000	-0.089158	-0.75155	1.4910
				43.74940	58.40100	85.00000	-0.11080	-0.68239	1.4631
				44.50370	58.40100	85.00000	-0.12468	-0.60093	1.4277
				45.25800	58.40100	85.00000	-0.12910	-0.50851	1.3852
				46.01230	58.40100	85.00000	-0.12254	-0.40641	1.3355
				46.76660	58.40100	85.00000	-0.10400	-0.29665	1.2788
				47.52090	58.40100	85.00000	-0.081357	-0.20341	1.2155
				48.27520	58.40100	85.00000	-0.055765	-0.12440	1.1438
				49.02950	58.40100	85.00000	-0.019398	-0.039155	1.0625
				49.78380	58.40100	85.00000	0.0	0.0	0.98061
				50.53810	58.40100	85.00000	0.0	0.0	0.90653
				51.29240	58.40100	85.00000	0.0	0.0	0.82813
				52.04670	58.40100	85.00000	0.0	0.0	0.74567
				52.80100	58.40100	85.00000	0.0	0.0	0.65940
				53.55530	58.40100	85.00000	0.0	0.0	0.56963
				54.30960	58.40100	85.00000	0.0	0.0	0.47884
				55.06390	58.40100	85.00000	0.0	0.0	0.38815
				55.81820	58.40100	85.00000	0.0	0.0	0.29755
				56.57250	58.40100	85.00000	0.0	0.0	0.20703
				57.32680	58.40100	85.00000	0.0	0.0	0.11660
				58.08110	58.40100	85.00000	0.0	0.0	0.026254
				58.83540	58.40100	85.00000	0.0	0.0	-0.0099665
				59.58970	58.40100	85.00000	0.0	0.0	-0.010214
				60.34400	58.40100	85.00000	0.0	0.0	-0.010399
				61.09830	58.40100	85.00000	0.0	0.0	-0.010528
				61.85260	58.40100	85.00000	0.0	0.0	-0.010606
				62.60690	58.40100	85.00000	0.0	0.0	-0.010639
				63.36120	58.40100	85.00000	0.0	0.0	-0.010631
				64.11550	58.40100	85.00000	0.0	0.0	-0.010588
				64.86980	58.40100	85.00000	0.0	0.0	-0.010514
				65.62410	58.40100	85.00000	0.0	0.0	-0.010414
				66.37840	58.40100	85.00000	0.0	0.0	-0.010289
				67.13270	58.40100	85.00000	0.0	0.0	-0.010146
				67.88700	58.40100	85.00000	0.0	0.0	-0.0099851
				68.64130	58.40100	85.00000	0.0	0.0	-0.0098108
				69.39560	58.40100	85.00000	0.0	0.0	-0.0096253
				70.14990	58.40100	85.00000	0.0	0.0	-0.0094308
				70.90420	58.40100	85.00000	0.0	0.0	-0.0092293
				71.65850	58.40100	85.00000	0.0	0.0	-0.0090226
				72.41280	58.40100	85.00000	0.0	0.0	-0.0088122
				73.16710	58.40100	85.00000	0.0	0.0	-0.0085995
				73.92140	58.40100	85.00000	0.0	0.0	-0.0083857
				74.67570	58.40100	85.00000	0.0	0.0	-0.0081719
				75.43000	58.40100	85.00000	0.0	0.0	-0.0079588
				0.00000	59.12200	85.00000	0.0	0.0	-0.0075914
				0.75430	59.12200	85.00000	0.0	0.0	-0.0077980
				1.50860	59.12200	85.00000	0.0	0.0	-0.0080062
				2.26290	59.12200	85.00000	0.0	0.0	-0.0082153
				3.01720	59.12200	85.00000	0.0	0.0	-0.0084244
				3.77150	59.12200	85.00000	0.0	0.0	-0.0086327
				4.52580	59.12200	85.00000	0.0	0.0	-0.0088390
				5.28010	59.12200	85.00000	0.0	0.0	-0.0090419
				6.03440	59.12200	85.00000	0.0	0.0	-0.0092400
				6.78870	59.12200	85.00000	0.0	0.0	-0.0094317
				7.54300	59.12200	85.00000	0.0	0.0	-0.0096151
				8.29730	59.12200	85.00000	0.0	0.0	-0.0097880
				9.05160	59.12200	85.00000	0.0	0.0	-0.0099481
				9.80590	59.12200	85.00000	0.0	0.0	-0.0100993
				10.56020	59.12200	85.00000	0.0	0.0	-0.010219
				11.31450	59.12200	85.00000	0.0	0.0	-0.010324
				12.06880	59.12200	85.00000	0.0	0.0	-0.010403
				12.82310	59.12200	85.00000	0.0	0.0	-0.010454
				13.57740	59.12200	85.00000	0.0	0.0	-0.010472
				14.33170	59.12200	85.00000	0.0	0.0	-0.010452
				15.08600	59.12200	85.00000	0.0	0.0	-0.010390
				15.84030	59.12200	85.00000	0.0	0.0	-0.010282
				16.59460	59.12200	85.00000	0.0	0.0	-0.010121
				17.34890	59.12200	85.00000	0.0	0.0	0.022296
				18.10320	59.12200	85.00000	0.0	0.0	0.12419
				18.85750	59.12200	85.00000	0.0	0.0	0.22340
				19.61180	59.12200	85.00000	0.0	0.0	0.31979
				20.36610	59.12200	85.00000	0.0	0.0	0.41316
				21.12040	59.12200	85.00000	0.0	0.0	0.50331
				21.87470	59.12200	85.00000	0.0	0.0	0.59004
				22.62900	59.12200	85.00000	0.0	0.0	0.67312
				23.38330	59.12200	85.00000	0.0	0.0	0.75233
				24.13760	59.12200	85.00000	0.0	0.0	0.82743
				24.89190	59.12200	85.00000	0.0	0.0	0.89818
				25.64620	59.12200	85.00000	0.0	0.0	0.96433
				26.40050	59.12200	85.00000	0.0028034	-0.0074485	1.0303
				27.15480	59.12200	85.00000	0.021871	-0.066734	1.0998
				27.90910	59.12200	85.00000	0.034924	-0.12424	1.1611
				28.66340	59.12200	85.00000	0.042384	-0.17924	1.2147
				29.41770	59.12200	85.00000	0.047692	-0.24441	1.2608
				30.17200	59.12200	85.00000	0.049518	-0.31773	1.2998
				30.92630	59.12200	85.00000	0.044918	-0.38219	1.3315
				31.68060	59.12200	85.00000	0.035174	-0.43643	1.3559
				32.43490	59.12200	85.00000	0.021673	-0.47909	1.3729
				33.18920	59.12200	85.00000	0.0058838	-0.50880	1.3825
				33.94350	59.12200	85.00000	-0.010674	-0.52425	1.3846
				34.69780	59.12200	85.00000	-0.012681	-0.54082	1.3848
				35.45210	59.12200	85.00000	-0.013080	-0.55784	1.3850
				36.20640	59.12200	85.00000	-0.013465	-0.57423	1.3850
				36.96070	59.12200	85.00000	-0.013834	-0.58999	1.3848
				37.71500	59.12200	85.00000	-0.014106	-0.60158	1.3839
				38.46930	59.12200	85.00000	-0.013557	-0.57816	1.3775
				39.22360	59.12200	85.00000	-0.013016	-0.55508	1.3710
				39.97790	59.12200	85.00000	-0.012483	-0.53237	1.3643
				40.73220	59.12200	85.00000	-0.011959	-0.51001	1.3576
				41.48650	59.12200	85.00000	-0.016669	-0.48799	1.3508
				42.24080	59.12200	85.00000	-0.033263	-0.45623	1.3392
				42.99510	59.12200	85.00000	-0.046369	-0.41004	1.3201
				43.74940	59.12200	85.00000	-0.054191	-0.35057	1.2934
				44.50370	59.12200	85.00000	-0.055044	-0.27900	1.2592
				45.25800	59.12200	85.00000	-0.052507	-0.21729	1.2175
				46.01230	59.12200	85.00000	-0.045033	-0.15664	1.1681
				46.76660	59.12200	85.00000	-0.030464	-0.091044	1.1107
				47.52090	59.12200	85.00000	-0.0082650	-0.021623	1.0449
				48.27520	59.12200	85.00000	0.0	0.0	0.97947
				49.02950	59.12200	85.00000	0.0	0.0	0.91726
				49.78380	59.12200	85.00000	0.0	0.0	0.85029
				50.53810	59.12200	85.00000	0.0	0.0	0.77879
				51.29240	59.12200	85.00000	0.0	0.0	0.70300
				52.04670	59.12200	85.00000	0.0	0.0	0.62318
				52.80100	59.12200	85.00000	0.0	0.0	0.53954
				53.55530	59.12200	85.00000	0.0	0.0	0.45231
				54.30960	59.12200	85.00000	0.0	0.0	0.36212
				55.06390	59.12200	85.00000	0.0	0.0	0.27158
				55.81820	59.12200	85.00000	0.0	0.0	0.18112
				56.57250	59.12200	85.00000	0.0	0.0	0.090729
				57.32680	59.12200	85.00000	0.0	0.0	407.57E-6
				58.08110	59.12200	85.00000	0.0	0.0	-0.0099977
				58.83540	59.12200	85.00000	0.0	0.0	-0.010231
				59.58970	59.12200	85.00000	0.0	0.0	-0.010407
				60.34400	59.12200	85.00000	0.0	0.0	-0.010532
				61.09830	59.12200	85.00000	0.0	0.0	-0.010609
				61.85260	59.12200	85.00000	0.0	0.0	-0.010643
				62.60690	59.12200	85.00000	0.0	0.0	-0.010639



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				63.36120	59.12200	85.00000	0.0	0.0	-0.010601	*
				64.11550	59.12200	85.00000	0.0	0.0	-0.010532	*
				64.86980	59.12200	85.00000	0.0	0.0	-0.010438	*
				65.62410	59.12200	85.00000	0.0	0.0	-0.010320	*
				66.37840	59.12200	85.00000	0.0	0.0	-0.010183	*
				67.13270	59.12200	85.00000	0.0	0.0	-0.010029	*
				67.88700	59.12200	85.00000	0.0	0.0	-0.0098613	*
				68.64130	59.12200	85.00000	0.0	0.0	-0.0096817	*
				69.39560	59.12200	85.00000	0.0	0.0	-0.0094927	*
				70.14990	59.12200	85.00000	0.0	0.0	-0.0092963	*
				70.90420	59.12200	85.00000	0.0	0.0	-0.0090941	*
				71.65850	59.12200	85.00000	0.0	0.0	-0.0088878	*
				72.41280	59.12200	85.00000	0.0	0.0	-0.0086786	*
				73.16710	59.12200	85.00000	0.0	0.0	-0.0084679	*
				73.92140	59.12200	85.00000	0.0	0.0	-0.0082566	*
				74.67570	59.12200	85.00000	0.0	0.0	-0.0080457	*
				75.43000	59.12200	85.00000	0.0	0.0	-0.0078360	*
				0.00000	59.84300	85.00000	0.0	0.0	-0.0074724	*
				0.75430	59.84300	85.00000	0.0	0.0	-0.0076753	*
				1.50860	59.84300	85.00000	0.0	0.0	-0.0078801	*
				2.26290	59.84300	85.00000	0.0	0.0	-0.0080861	*
				3.01720	59.84300	85.00000	0.0	0.0	-0.0082926	*
				3.77150	59.84300	85.00000	0.0	0.0	-0.0084987	*
				4.52580	59.84300	85.00000	0.0	0.0	-0.0087034	*
				5.28010	59.84300	85.00000	0.0	0.0	-0.0089056	*
				6.03440	59.84300	85.00000	0.0	0.0	-0.0091041	*
				6.78870	59.84300	85.00000	0.0	0.0	-0.0092972	*
				7.54300	59.84300	85.00000	0.0	0.0	-0.0094835	*
				8.29730	59.84300	85.00000	0.0	0.0	-0.0096611	*
				9.05160	59.84300	85.00000	0.0	0.0	-0.0098279	*
				9.80590	59.84300	85.00000	0.0	0.0	-0.0099817	*
				10.56020	59.84300	85.00000	0.0	0.0	-0.0101200	*
				11.31450	59.84300	85.00000	0.0	0.0	-0.0102400	*
				12.06880	59.84300	85.00000	0.0	0.0	-0.0103390	*
				12.82310	59.84300	85.00000	0.0	0.0	-0.0104130	*
				13.57740	59.84300	85.00000	0.0	0.0	-0.0104590	*
				14.33170	59.84300	85.00000	0.0	0.0	-0.0104740	*
				15.08600	59.84300	85.00000	0.0	0.0	-0.0104530	*
				15.84030	59.84300	85.00000	0.0	0.0	-0.0103930	*
				16.59460	59.84300	85.00000	0.0	0.0	-0.0102900	*
				17.34890	59.84300	85.00000	0.0	0.0	-0.0101139	*
				18.10320	59.84300	85.00000	0.0	0.0	0.0151620	*
				18.85750	59.84300	85.00000	0.0	0.0	0.1120000	*
				19.61180	59.84300	85.00000	0.0	0.0	0.2059600	*
				20.36610	59.84300	85.00000	0.0	0.0	0.2968800	*
				21.12040	59.84300	85.00000	0.0	0.0	0.3845500	*
				21.87470	59.84300	85.00000	0.0	0.0	0.4687800	*
				22.62900	59.84300	85.00000	0.0	0.0	0.5493700	*
				23.38330	59.84300	85.00000	0.0	0.0	0.6261000	*
				24.13760	59.84300	85.00000	0.0	0.0	0.6987400	*
				24.89190	59.84300	85.00000	0.0	0.0	0.7670800	*
				25.64620	59.84300	85.00000	0.0	0.0	0.8308800	*
				26.40050	59.84300	85.00000	0.0	0.0	0.8899200	*
				27.15480	59.84300	85.00000	0.0	0.0	0.9439700	*
				27.90910	59.84300	85.00000	0.0	0.0	0.9928100	*
				28.66340	59.84300	85.00000	0.0044445	-0.0197390	1.0437000	*
				29.41770	59.84300	85.00000	0.0119150	-0.0645100	1.0908000	*
				30.17200	59.84300	85.00000	0.0153390	-0.1050100	1.1300000	*
				30.92630	59.84300	85.00000	0.0153460	-0.1404200	1.1615000	*
				31.68060	59.84300	85.00000	0.0126260	-0.1699000	1.1855000	*
				32.43490	59.84300	85.00000	0.0079243	-0.1926600	1.2021000	*
				33.18920	59.84300	85.00000	0.0020223	-0.2076700	1.2111000	*
				33.94350	59.84300	85.00000	-0.0042723	-0.2142700	1.2127000	*
				34.69780	59.84300	85.00000	-0.0051905	-0.2213600	1.2112000	*
				35.45210	59.84300	85.00000	-0.0053610	-0.2286300	1.2097000	*
				36.20640	59.84300	85.00000	-0.0055167	-0.2352700	1.2080000	*
				36.96070	59.84300	85.00000	-0.0056576	-0.2412800	1.2061000	*
				37.71500	59.84300	85.00000	-0.0057538	-0.2453800	1.2037000	*
				38.46930	59.84300	85.00000	-0.0054478	-0.2323300	1.1979000	*
				39.22360	59.84300	85.00000	-0.0051502	-0.2196400	1.1921000	*
				39.97790	59.84300	85.00000	-0.0048610	-0.2073100	1.1862000	*
				40.73220	59.84300	85.00000	-0.0045801	-0.1953300	1.1802000	*
				41.48650	59.84300	85.00000	-0.0060290	-0.1837700	1.1740000	*
				42.24080	59.84300	85.00000	-0.0115960	-0.1665600	1.1628000	*
				42.99510	59.84300	85.00000	-0.0151560	-0.1404300	1.1438000	*
				43.74940	59.84300	85.00000	-0.0156780	-0.1061600	1.1170000	*
				44.50370	59.84300	85.00000	-0.0121850	-0.0645310	1.0822000	*
				45.25800	59.84300	85.00000	-0.0037784	-0.0163350	1.0392000	*
				46.01230	59.84300	85.00000	0.0	0.0	0.9933000	*
				46.76660	59.84300	85.00000	0.0	0.0	0.9487600	*
				47.52090	59.84300	85.00000	0.0	0.0	0.8989800	*
				48.27520	59.84300	85.00000	0.0	0.0	0.8438600	*
				49.02950	59.84300	85.00000	0.0	0.0	0.7839300	*
				49.78380	59.84300	85.00000	0.0	0.0	0.7193000	*
				50.53810	59.84300	85.00000	0.0	0.0	0.6502100	*
				51.29240	59.84300	85.00000	0.0	0.0	0.5768700	*
				52.04670	59.84300	85.00000	0.0	0.0	0.4995200	*
				52.80100	59.84300	85.00000	0.0	0.0	0.4183800	*
				53.55530	59.84300	85.00000	0.0	0.0	0.3336400	*
				54.30960	59.84300	85.00000	0.0	0.0	0.2445100	*
				55.06390	59.84300	85.00000	0.0	0.0	0.1551900	*
				55.81820	59.84300	85.00000	0.0	0.0	0.0648280	*
				56.57250	59.84300	85.00000	0.0	0.0	-0.0097770	*
				57.32680	59.84300	85.00000	0.0	0.0	-0.0100460	*
				58.08110	59.84300	85.00000	0.0	0.0	-0.0102610	*
				58.83540	59.84300	85.00000	0.0	0.0	-0.0104250	*
				59.58970	59.84300	85.00000	0.0	0.0	-0.0105420	*
				60.34400	59.84300	85.00000	0.0	0.0	-0.0106150	*
				61.09830	59.84300	85.00000	0.0	0.0	-0.0106480	*
				61.85260	59.84300	85.00000	0.0	0.0	-0.0106640	*
				62.60690	59.84300	85.00000	0.0	0.0	-0.0106100	*
				63.36120	59.84300	85.00000	0.0	0.0	-0.0105460	*
				64.11550	59.84300	85.00				



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				9.05160	60.56400	85.00000	0.0	0.0	-0.0096986	*
				9.80590	60.56400	85.00000	0.0	0.0	-0.0098596	*
				10.56020	60.56400	85.00000	0.0	0.0	-0.010008	*
				11.31450	60.56400	85.00000	0.0	0.0	-0.010140	*
				12.06880	60.56400	85.00000	0.0	0.0	-0.010255	*
				12.82310	60.56400	85.00000	0.0	0.0	-0.010349	*
				13.57740	60.56400	85.00000	0.0	0.0	-0.010419	*
				14.33170	60.56400	85.00000	0.0	0.0	-0.010463	*
				15.08600	60.56400	85.00000	0.0	0.0	-0.010477	*
				15.84030	60.56400	85.00000	0.0	0.0	-0.010458	*
				16.59460	60.56400	85.00000	0.0	0.0	-0.010403	*
				17.34890	60.56400	85.00000	0.0	0.0	-0.010307	*
				18.10320	60.56400	85.00000	0.0	0.0	-0.010169	*
				18.85750	60.56400	85.00000	0.0	0.0	-0.0010777	*
				19.61180	60.56400	85.00000	0.0	0.0	0.090556	*
				20.36610	60.56400	85.00000	0.0	0.0	0.17912	*
				21.12040	60.56400	85.00000	0.0	0.0	0.26442	*
				21.87470	60.56400	85.00000	0.0	0.0	0.34628	*
				22.62900	60.56400	85.00000	0.0	0.0	0.42451	*
				23.38330	60.56400	85.00000	0.0	0.0	0.49889	*
				24.13760	60.56400	85.00000	0.0	0.0	0.56923	*
				24.89190	60.56400	85.00000	0.0	0.0	0.63532	*
				25.64620	60.56400	85.00000	0.0	0.0	0.69693	*
				26.40050	60.56400	85.00000	0.0	0.0	0.75388	*
				27.15480	60.56400	85.00000	0.0	0.0	0.80594	*
				27.90910	60.56400	85.00000	0.0	0.0	0.85292	*
				28.66340	60.56400	85.00000	0.0	0.0	0.89462	*
				29.41770	60.56400	85.00000	0.0	0.0	0.93088	*
				30.17200	60.56400	85.00000	0.0	0.0	0.96152	*
				30.92630	60.56400	85.00000	0.0	0.0	0.98639	*
				31.68060	60.56400	85.00000	0.0	0.0	1.0054	*
				32.43490	60.56400	85.00000	0.0	0.0	1.0184	*
				33.18920	60.56400	85.00000	54.225E-6	-0.0059667	1.0297	*
				33.94350	60.56400	85.00000	-129.10E-6	-0.0066368	1.0307	*
				34.69780	60.56400	85.00000	-40.575E-6	-0.0017304	1.0269	*
				35.45210	60.56400	85.00000	0.0	0.0	1.0200	*
				36.20640	60.56400	85.00000	0.0	0.0	1.0167	*
				36.96070	60.56400	85.00000	0.0	0.0	1.0133	*
				37.71500	60.56400	85.00000	0.0	0.0	1.0098	*
				38.46930	60.56400	85.00000	0.0	0.0	1.0062	*
				39.22360	60.56400	85.00000	0.0	0.0	1.0025	*
				39.97790	60.56400	85.00000	0.0	0.0	0.99871	*
				40.73220	60.56400	85.00000	0.0	0.0	0.99480	*
				41.48650	60.56400	85.00000	0.0	0.0	0.99064	*
				42.24080	60.56400	85.00000	0.0	0.0	0.98217	*
				42.99510	60.56400	85.00000	0.0	0.0	0.96770	*
				43.74940	60.56400	85.00000	0.0	0.0	0.94732	*
				44.50370	60.56400	85.00000	0.0	0.0	0.92112	*
				45.25800	60.56400	85.00000	0.0	0.0	0.88923	*
				46.01230	60.56400	85.00000	0.0	0.0	0.85180	*
				46.76660	60.56400	85.00000	0.0	0.0	0.80899	*
				47.52090	60.56400	85.00000	0.0	0.0	0.76097	*
				48.27520	60.56400	85.00000	0.0	0.0	0.70795	*
				49.02950	60.56400	85.00000	0.0	0.0	0.65011	*
				49.78380	60.56400	85.00000	0.0	0.0	0.58767	*
				50.53810	60.56400	85.00000	0.0	0.0	0.52084	*
				51.29240	60.56400	85.00000	0.0	0.0	0.44981	*
				52.04670	60.56400	85.00000	0.0	0.0	0.37480	*
				52.80100	60.56400	85.00000	0.0	0.0	0.29601	*
				53.55530	60.56400	85.00000	0.0	0.0	0.21363	*
				54.30960	60.56400	85.00000	0.0	0.0	0.12787	*
				55.06390	60.56400	85.00000	0.0	0.0	0.038907	*
				55.81820	60.56400	85.00000	0.0	0.0	-0.0098687	*
				56.57250	60.56400	85.00000	0.0	0.0	-0.010110	*
				57.32680	60.56400	85.00000	0.0	0.0	-0.010304	*
				58.08110	60.56400	85.00000	0.0	0.0	-0.010452	*
				58.83540	60.56400	85.00000	0.0	0.0	-0.010558	*
				59.58970	60.56400	85.00000	0.0	0.0	-0.010624	*
				60.34400	60.56400	85.00000	0.0	0.0	-0.010654	*
				61.09830	60.56400	85.00000	0.0	0.0	-0.010650	*
				61.85260	60.56400	85.00000	0.0	0.0	-0.010616	*
				62.60690	60.56400	85.00000	0.0	0.0	-0.010554	*
				63.36120	60.56400	85.00000	0.0	0.0	-0.010468	*
				64.11550	60.56400	85.00000	0.0	0.0	-0.010361	*
				64.86980	60.56400	85.00000	0.0	0.0	-0.010235	*
				65.62410	60.56400	85.00000	0.0	0.0	-0.010092	*
				66.37840	60.56400	85.00000	0.0	0.0	-0.0099359	*
				67.13270	60.56400	85.00000	0.0	0.0	-0.0097676	*
				67.88700	60.56400	85.00000	0.0	0.0	-0.0095894	*
				68.64130	60.56400	85.00000	0.0	0.0	-0.0094031	*
				69.39560	60.56400	85.00000	0.0	0.0	-0.0092104	*
				70.14990	60.56400	85.00000	0.0	0.0	-0.0090127	*
				70.90420	60.56400	85.00000	0.0	0.0	-0.0088114	*
				71.65850	60.56400	85.00000	0.0	0.0	-0.0086077	*
				72.41280	60.56400	85.00000	0.0	0.0	-0.0084026	*
				73.16710	60.56400	85.00000	0.0	0.0	-0.0081970	*
				73.92140	60.56400	85.00000	0.0	0.0	-0.0079918	*
				74.67570	60.56400	85.00000	0.0	0.0	-0.0077876	*
				75.43000	60.56400	85.00000	0.0	0.0	-0.0075852	*
				0.00000	61.28500	85.00000	0.0	0.0	-0.0072303	*
				0.75430	61.28500	85.00000	0.0	0.0	-0.0074255	*
				1.50860	61.28500	85.00000	0.0	0.0	-0.0076228	*
				2.26290	61.28500	85.00000	0.0	0.0	-0.0078219	*
				3.01720	61.28500	85.00000	0.0	0.0	-0.0080220	*
				3.77150	61.28500	85.00000	0.0	0.0	-0.0082227	*
				4.52580	61.28500	85.00000	0.0	0.0	-0.0084230	*
				5.28010	61.28500	85.00000	0.0	0.0	-0.0086221	*
				6.03440	61.28500	85.00000	0.0	0.0	-0.0088191	*
				6.78870	61.28500	85.00000	0.0	0.0	-0.0090127	*
				7.54300	61.28500	85.00000	0.0	0.0	-0.0092019	*
				8.29730	61.28500	85.00000	0.0	0.0	-0.0093851	*
				9.05160	61.28500	85.00000	0.0	0.0	-0.0095609	*
				9.80590	61.28500	85.00000	0.0	0.0	-0.0097276	*
				10.56020	61.28500	85.00000	0.0	0.0	-0.0098833	*
				11.31450	61.28500	85.00000	0.0	0.0	-0.010026	*
				12.06880	61.28500	85.00000	0.0	0.0	-0.010154	*
				12.82310	61.28500					



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				30.92630	61.28500	85.00000	0.0	0.0	0.84123	*
				31.68060	61.28500	85.00000	0.0	0.0	0.85941	*
				32.43490	61.28500	85.00000	0.0	0.0	0.87183	*
				33.18920	61.28500	85.00000	0.0	0.0	0.87843	*
				33.94350	61.28500	85.00000	0.0	0.0	0.87917	*
				34.69780	61.28500	85.00000	0.0	0.0	0.87605	*
				35.45210	61.28500	85.00000	0.0	0.0	0.87278	*
				36.20640	61.28500	85.00000	0.0	0.0	0.86944	*
				36.96070	61.28500	85.00000	0.0	0.0	0.86602	*
				37.71500	61.28500	85.00000	0.0	0.0	0.86251	*
				38.46930	61.28500	85.00000	0.0	0.0	0.85892	*
				39.22360	61.28500	85.00000	0.0	0.0	0.85525	*
				39.97790	61.28500	85.00000	0.0	0.0	0.85150	*
				40.73220	61.28500	85.00000	0.0	0.0	0.84767	*
				41.48650	61.28500	85.00000	0.0	0.0	0.84364	*
				42.24080	61.28500	85.00000	0.0	0.0	0.83958	*
				42.99510	61.28500	85.00000	0.0	0.0	0.82174	*
				43.74940	61.28500	85.00000	0.0	0.0	0.80221	*
				44.50370	61.28500	85.00000	0.0	0.0	0.77707	*
				45.25800	61.28500	85.00000	0.0	0.0	0.74643	*
				46.01230	61.28500	85.00000	0.0	0.0	0.71042	*
				46.76660	61.28500	85.00000	0.0	0.0	0.66919	*
				47.52090	61.28500	85.00000	0.0	0.0	0.62291	*
				48.27520	61.28500	85.00000	0.0	0.0	0.57173	*
				49.02950	61.28500	85.00000	0.0	0.0	0.51585	*
				49.78380	61.28500	85.00000	0.0	0.0	0.45546	*
				50.53810	61.28500	85.00000	0.0	0.0	0.39073	*
				51.29240	61.28500	85.00000	0.0	0.0	0.32187	*
				52.04670	61.28500	85.00000	0.0	0.0	0.24907	*
				52.80100	61.28500	85.00000	0.0	0.0	0.17251	*
				53.55530	61.28500	85.00000	0.0	0.0	0.09283	*
				54.30960	61.28500	85.00000	0.0	0.0	0.008704	*
				55.06390	61.28500	85.00000	0.0	0.0	-0.0099740	*
				55.81820	61.28500	85.00000	0.0	0.0	-0.010185	*
				56.57250	61.28500	85.00000	0.0	0.0	-0.010356	*
				57.32680	61.28500	85.00000	0.0	0.0	-0.010486	*
				58.08110	61.28500	85.00000	0.0	0.0	-0.010579	*
				58.83540	61.28500	85.00000	0.0	0.0	-0.010636	*
				59.58970	61.28500	85.00000	0.0	0.0	-0.010660	*
				60.34400	61.28500	85.00000	0.0	0.0	-0.010653	*
				61.09830	61.28500	85.00000	0.0	0.0	-0.010619	*
				61.85260	61.28500	85.00000	0.0	0.0	-0.010558	*
				62.60690	61.28500	85.00000	0.0	0.0	-0.010475	*
				63.36120	61.28500	85.00000	0.0	0.0	-0.010371	*
				64.11550	61.28500	85.00000	0.0	0.0	-0.010250	*
				64.86980	61.28500	85.00000	0.0	0.0	-0.010112	*
				65.62410	61.28500	85.00000	0.0	0.0	-0.0099605	*
				66.37840	61.28500	85.00000	0.0	0.0	-0.0097974	*
				67.13270	61.28500	85.00000	0.0	0.0	-0.0096243	*
				67.88700	61.28500	85.00000	0.0	0.0	-0.0094430	*
				68.64130	61.28500	85.00000	0.0	0.0	-0.0092551	*
				69.39560	61.28500	85.00000	0.0	0.0	-0.0090619	*
				70.14990	61.28500	85.00000	0.0	0.0	-0.0088648	*
				70.90420	61.28500	85.00000	0.0	0.0	-0.0086650	*
				71.65850	61.28500	85.00000	0.0	0.0	-0.0084633	*
				72.41280	61.28500	85.00000	0.0	0.0	-0.0082609	*
				73.16710	61.28500	85.00000	0.0	0.0	-0.0080585	*
				73.92140	61.28500	85.00000	0.0	0.0	-0.0078567	*
				74.67570	61.28500	85.00000	0.0	0.0	-0.0076563	*
				75.43000	61.28500	85.00000	0.0	0.0	-0.0074578	*
				0.00000	62.00600	85.00000	0.0	0.0	-0.0071077	*
				0.75430	62.00600	85.00000	0.0	0.0	-0.0072988	*
				1.50860	62.00600	85.00000	0.0	0.0	-0.0074922	*
				2.26290	62.00600	85.00000	0.0	0.0	-0.0076874	*
				3.01720	62.00600	85.00000	0.0	0.0	-0.0078841	*
				3.77150	62.00600	85.00000	0.0	0.0	-0.0080815	*
				4.52580	62.00600	85.00000	0.0	0.0	-0.0082790	*
				5.28010	62.00600	85.00000	0.0	0.0	-0.0084758	*
				6.03440	62.00600	85.00000	0.0	0.0	-0.0086711	*
				6.78870	62.00600	85.00000	0.0	0.0	-0.0088639	*
				7.54300	62.00600	85.00000	0.0	0.0	-0.0090531	*
				8.29730	62.00600	85.00000	0.0	0.0	-0.0092376	*
				9.05160	62.00600	85.00000	0.0	0.0	-0.0094159	*
				9.80590	62.00600	85.00000	0.0	0.0	-0.0095867	*
				10.56020	62.00600	85.00000	0.0	0.0	-0.0097483	*
				11.31450	62.00600	85.00000	0.0	0.0	-0.0098991	*
				12.06880	62.00600	85.00000	0.0	0.0	-0.010037	*
				12.82310	62.00600	85.00000	0.0	0.0	-0.010161	*
				13.57740	62.00600	85.00000	0.0	0.0	-0.010268	*
				14.33170	62.00600	85.00000	0.0	0.0	-0.010356	*
				15.08600	62.00600	85.00000	0.0	0.0	-0.010423	*
				15.84030	62.00600	85.00000	0.0	0.0	-0.010467	*
				16.59460	62.00600	85.00000	0.0	0.0	-0.010485	*
				17.34890	62.00600	85.00000	0.0	0.0	-0.010476	*
				18.10320	62.00600	85.00000	0.0	0.0	-0.010437	*
				18.85750	62.00600	85.00000	0.0	0.0	-0.010366	*
				19.61180	62.00600	85.00000	0.0	0.0	-0.010261	*
				20.36610	62.00600	85.00000	0.0	0.0	-0.010122	*
				21.12040	62.00600	85.00000	0.0	0.0	0.020442	*
				21.87470	62.00600	85.00000	0.0	0.0	0.097901	*
				22.62900	62.00600	85.00000	0.0	0.0	0.17176	*
				23.38330	62.00600	85.00000	0.0	0.0	0.24184	*
				24.13760	62.00600	85.00000	0.0	0.0	0.30797	*
				24.89190	62.00600	85.00000	0.0	0.0	0.36995	*
				25.64620	62.00600	85.00000	0.0	0.0	0.42763	*
				26.40050	62.00600	85.00000	0.0	0.0	0.48080	*
				27.15480	62.00600	85.00000	0.0	0.0	0.52931	*
				27.90910	62.00600	85.00000	0.0	0.0	0.57299	*
				28.66340	62.00600	85.00000	0.0	0.0	0.61168	*
				29.41770	62.00600	85.00000	0.0	0.0	0.64524	*
				30.17200	62.00600	85.00000	0.0	0.0	0.67353	*
				30.92630	62.00600	85.00000	0.0	0.0	0.69644	*
				31.68060	62.00600	85.00000	0.0	0.0	0.71388	*
				32.43490	62.00600	85.00000	0.0	0.0	0.72576	*
				33.18920	62.00600	85.00000	0.0	0.0	0.73204	*
				33.94350	62.00600	85.00000	0.0	0.0	0.73268	*
				34.69780	62.00600	85.00000	0.0	0.0	0.72950	*
				35.45210	62.00600	85.00000	0.0	0.0	0.72617	*
				36.20640	62.00600	85.00000	0.0	0.0	0.72279	*
				36.96070	62.00600	85.00000	0.0	0.0	0.71934	*
				37.71500	62.00600	85.00000	0.0	0.0	0.71582	*
				38.46930	62.00600	85.00000	0.0	0.0	0.71224	*
				39.22360	62.00600	85.00000	0.0	0.0	0.70860	*
				39.97790	62.00600	85.00000	0.0	0.0	0.70490	*
				40.73220	62.00600	85.00000	0.0	0.0	0.70113	*
				41.48650	62.00600	85.00000	0.0	0.0	0.69722	*
				42.24080	62.00600	85.00000	0.0	0.0	0.68951	*
				42.99510	62.00600	85.00000	0.0	0.0	0.67625	*
				43.74940	62.00600	85.00000	0.0	0.0	0.65749	*
				44.50370	62.00600	85.00000	0.0	0.0	0.63331	*
				45.25800	62.00600	85.00000	0.0	0.0	0.60382	*
				46.01230	62.00600	85.00000	0.0	0.0	0.56912	*
				46.76660	62.00600	85.00000	0.0	0.0	0.52935	*
				47.52090	62.00600	85.00000	0.0	0.0	0.48467	*
				48.27520	62.00600	85.00000	0.0	0.0	0.43521	*
				49.02950	62.00600	85.00000	0.0	0.0	0.38116	*
				49.78380	62.00600	85.00000	0.0	0.0	0.32267	*
				50.53810	62.00600	85.00000	0.0	0.0	0.25993	*
				51.29240	62.00600	85.00000	0.0	0.0	0.19311	*
				52.04670	62.00600	85.00000	0.0	0.0	0.12240	*



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				52.80100	62.00600	85.00000	0.0	0.0	0.047961	*
				53.55530	62.00600	85.00000	0.0	0.0	-0.0098713	*
				54.30960	62.00600	85.00000	0.0	0.0	-0.010088	*
				55.06390	62.00600	85.00000	0.0	0.0	-0.010268	*
				55.81820	62.00600	85.00000	0.0	0.0	-0.010414	*
				56.57250	62.00600	85.00000	0.0	0.0	-0.010525	*
				57.32680	62.00600	85.00000	0.0	0.0	-0.010603	*
				58.08110	62.00600	85.00000	0.0	0.0	-0.010649	*
				58.83540	62.00600	85.00000	0.0	0.0	-0.010666	*
				59.58970	62.00600	85.00000	0.0	0.0	-0.010655	*
				60.34400	62.00600	85.00000	0.0	0.0	-0.010618	*
				61.09830	62.00600	85.00000	0.0	0.0	-0.010558	*
				61.85260	62.00600	85.00000	0.0	0.0	-0.010476	*
				62.60690	62.00600	85.00000	0.0	0.0	-0.010375	*
				63.36120	62.00600	85.00000	0.0	0.0	-0.010257	*
				64.11550	62.00600	85.00000	0.0	0.0	-0.010124	*
				64.86980	62.00600	85.00000	0.0	0.0	-0.0099768	*
				65.62410	62.00600	85.00000	0.0	0.0	-0.0098185	*
				66.37840	62.00600	85.00000	0.0	0.0	-0.0096503	*
				67.13270	62.00600	85.00000	0.0	0.0	-0.0094739	*
				67.88700	62.00600	85.00000	0.0	0.0	-0.0092908	*
				68.64130	62.00600	85.00000	0.0	0.0	-0.0091022	*
				69.39560	62.00600	85.00000	0.0	0.0	-0.0089095	*
				70.14990	62.00600	85.00000	0.0	0.0	-0.0087136	*
				70.90420	62.00600	85.00000	0.0	0.0	-0.0085157	*
				71.65850	62.00600	85.00000	0.0	0.0	-0.0083167	*
				72.41280	62.00600	85.00000	0.0	0.0	-0.0081173	*
				73.16710	62.00600	85.00000	0.0	0.0	-0.0079183	*
				73.92140	62.00600	85.00000	0.0	0.0	-0.0077202	*
				74.67570	62.00600	85.00000	0.0	0.0	-0.0075238	*
				75.43000	62.00600	85.00000	0.0	0.0	-0.0073293	*
				0.00000	62.72700	85.00000	0.0	0.0	-0.0069845	*
				0.75430	62.72700	85.00000	0.0	0.0	-0.0071713	*
				1.50860	62.72700	85.00000	0.0	0.0	-0.0073606	*
				2.26290	62.72700	85.00000	0.0	0.0	-0.0075518	*
				3.01720	62.72700	85.00000	0.0	0.0	-0.0077447	*
				3.77150	62.72700	85.00000	0.0	0.0	-0.0079386	*
				4.52580	62.72700	85.00000	0.0	0.0	-0.0081329	*
				5.28010	62.72700	85.00000	0.0	0.0	-0.0083270	*
				6.03440	62.72700	85.00000	0.0	0.0	-0.0085202	*
				6.78870	62.72700	85.00000	0.0	0.0	-0.0087115	*
				7.54300	62.72700	85.00000	0.0	0.0	-0.0089000	*
				8.29730	62.72700	85.00000	0.0	0.0	-0.0090847	*
				9.05160	62.72700	85.00000	0.0	0.0	-0.0092645	*
				9.80590	62.72700	85.00000	0.0	0.0	-0.0094380	*
				10.56020	62.72700	85.00000	0.0	0.0	-0.0096040	*
				11.31450	62.72700	85.00000	0.0	0.0	-0.0097609	*
				12.06880	62.72700	85.00000	0.0	0.0	-0.0099073	*
				12.82310	62.72700	85.00000	0.0	0.0	-0.010041	*
				13.57740	62.72700	85.00000	0.0	0.0	-0.010162	*
				14.33170	62.72700	85.00000	0.0	0.0	-0.010266	*
				15.08600	62.72700	85.00000	0.0	0.0	-0.010353	*
				15.84030	62.72700	85.00000	0.0	0.0	-0.010420	*
				16.59460	62.72700	85.00000	0.0	0.0	-0.010466	*
				17.34890	62.72700	85.00000	0.0	0.0	-0.010489	*
				18.10320	62.72700	85.00000	0.0	0.0	-0.010487	*
				18.85750	62.72700	85.00000	0.0	0.0	-0.010458	*
				19.61180	62.72700	85.00000	0.0	0.0	-0.010402	*
				20.36610	62.72700	85.00000	0.0	0.0	-0.010316	*
				21.12040	62.72700	85.00000	0.0	0.0	-0.010201	*
				21.87470	62.72700	85.00000	0.0	0.0	-0.010056	*
				22.62900	62.72700	85.00000	0.0	0.0	0.044015	*
				23.38330	62.72700	85.00000	0.0	0.0	0.11212	*
				24.13760	62.72700	85.00000	0.0	0.0	0.17631	*
				24.89190	62.72700	85.00000	0.0	0.0	0.23643	*
				25.64620	62.72700	85.00000	0.0	0.0	0.29232	*
				26.40050	62.72700	85.00000	0.0	0.0	0.34380	*
				27.15480	62.72700	85.00000	0.0	0.0	0.39071	*
				27.90910	62.72700	85.00000	0.0	0.0	0.43292	*
				28.66340	62.72700	85.00000	0.0	0.0	0.47027	*
				29.41770	62.72700	85.00000	0.0	0.0	0.50264	*
				30.17200	62.72700	85.00000	0.0	0.0	0.52990	*
				30.92630	62.72700	85.00000	0.0	0.0	0.55195	*
				31.68060	62.72700	85.00000	0.0	0.0	0.56872	*
				32.43490	62.72700	85.00000	0.0	0.0	0.58012	*
				33.18920	62.72700	85.00000	0.0	0.0	0.58611	*
				33.94350	62.72700	85.00000	0.0	0.0	0.58666	*
				34.69780	62.72700	85.00000	0.0	0.0	0.58344	*
				35.45210	62.72700	85.00000	0.0	0.0	0.58007	*
				36.20640	62.72700	85.00000	0.0	0.0	0.57664	*
				36.96070	62.72700	85.00000	0.0	0.0	0.57317	*
				37.71500	62.72700	85.00000	0.0	0.0	0.56965	*
				38.46930	62.72700	85.00000	0.0	0.0	0.56608	*
				39.22360	62.72700	85.00000	0.0	0.0	0.56246	*
				39.97790	62.72700	85.00000	0.0	0.0	0.55880	*
				40.73220	62.72700	85.00000	0.0	0.0	0.55508	*
				41.48650	62.72700	85.00000	0.0	0.0	0.55125	*
				42.24080	62.72700	85.00000	0.0	0.0	0.54387	*
				42.99510	62.72700	85.00000	0.0	0.0	0.53113	*
				43.74940	62.72700	85.00000	0.0	0.0	0.51307	*
				44.50370	62.72700	85.00000	0.0	0.0	0.48978	*
				45.25800	62.72700	85.00000	0.0	0.0	0.46134	*
				46.01230	62.72700	85.00000	0.0	0.0	0.42786	*
				46.76660	62.72700	85.00000	0.0	0.0	0.38945	*
				47.52090	62.72700	85.00000	0.0	0.0	0.34625	*
				48.27520	62.72700	85.00000	0.0	0.0	0.29840	*
				49.02950	62.72700	85.00000	0.0	0.0	0.24605	*
				49.78380	62.72700	85.00000	0.0	0.0	0.18936	*
				50.53810	62.72700	85.00000	0.0	0.0	0.12848	*
				51.29240	62.72700	85.00000	0.0	0.0	0.063595	*
				52.04670	62.72700	85.00000	0.0	0.0	-0.0051439	*
				52.80100	62.72700	85.00000	0.0	0.0	-0.010025	*
				53.55530	62.72700	85.00000	0.0	0.0	-0.010204	*
				54.30960	62.72700	85.00000	0.0	0.0	-0.010354	*
				55.06390	62.72700	85.00000	0.0	0.0	-0.010474	*
				55.81820	62.72700	85.00000	0.0	0.0	-0.010565	*
				56.57250	62.72700	85.00000				



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				74.67570	62.72700	85.00000	0.0	0.0	-0.0073903	*
				75.43000	62.72700	85.00000	0.0	0.0	-0.0072001	*
				0.00000	63.44800	85.00000	0.0	0.0	-0.0068607	*
				0.75430	63.44800	85.00000	0.0	0.0	-0.0070432	*
				1.50860	63.44800	85.00000	0.0	0.0	-0.0072282	*
				2.26290	63.44800	85.00000	0.0	0.0	-0.0074154	*
				3.01720	63.44800	85.00000	0.0	0.0	-0.0076042	*
				3.77150	63.44800	85.00000	0.0	0.0	-0.0077944	*
				4.52580	63.44800	85.00000	0.0	0.0	-0.0079852	*
				5.28010	63.44800	85.00000	0.0	0.0	-0.0081763	*
				6.03440	63.44800	85.00000	0.0	0.0	-0.0083668	*
				6.78870	63.44800	85.00000	0.0	0.0	-0.0085560	*
				7.54300	63.44800	85.00000	0.0	0.0	-0.0087432	*
				8.29730	63.44800	85.00000	0.0	0.0	-0.0089273	*
				9.05160	63.44800	85.00000	0.0	0.0	-0.0091075	*
				9.80590	63.44800	85.00000	0.0	0.0	-0.0092826	*
				10.56020	63.44800	85.00000	0.0	0.0	-0.0094515	*
				11.31450	63.44800	85.00000	0.0	0.0	-0.0096129	*
				12.06880	63.44800	85.00000	0.0	0.0	-0.0097655	*
				12.82310	63.44800	85.00000	0.0	0.0	-0.0099079	*
				13.57740	63.44800	85.00000	0.0	0.0	-0.010039	*
				14.33170	63.44800	85.00000	0.0	0.0	-0.010156	*
				15.08600	63.44800	85.00000	0.0	0.0	-0.010259	*
				15.84030	63.44800	85.00000	0.0	0.0	-0.010345	*
				16.59460	63.44800	85.00000	0.0	0.0	-0.010414	*
				17.34890	63.44800	85.00000	0.0	0.0	-0.010463	*
				18.10320	63.44800	85.00000	0.0	0.0	-0.010491	*
				18.85750	63.44800	85.00000	0.0	0.0	-0.010497	*
				19.61180	63.44800	85.00000	0.0	0.0	-0.010480	*
				20.36610	63.44800	85.00000	0.0	0.0	-0.010439	*
				21.12040	63.44800	85.00000	0.0	0.0	-0.010373	*
				21.87470	63.44800	85.00000	0.0	0.0	-0.010282	*
				22.62900	63.44800	85.00000	0.0	0.0	-0.010166	*
				23.38330	63.44800	85.00000	0.0	0.0	-0.010025	*
				24.13760	63.44800	85.00000	0.0	0.0	0.044038	*
				24.89190	63.44800	85.00000	0.0	0.0	0.102040	*
				25.64620	63.44800	85.00000	0.0	0.0	0.15660	*
				26.40050	63.44800	85.00000	0.0	0.0	0.20649	*
				27.15480	63.44800	85.00000	0.0	0.0	0.25192	*
				27.90910	63.44800	85.00000	0.0	0.0	0.29276	*
				28.66340	63.44800	85.00000	0.0	0.0	0.32886	*
				29.41770	63.44800	85.00000	0.0	0.0	0.36013	*
				30.17200	63.44800	85.00000	0.0	0.0	0.38644	*
				30.92630	63.44800	85.00000	0.0	0.0	0.40771	*
				31.68060	63.44800	85.00000	0.0	0.0	0.42385	*
				32.43490	63.44800	85.00000	0.0	0.0	0.43481	*
				33.18920	63.44800	85.00000	0.0	0.0	0.44055	*
				33.94350	63.44800	85.00000	0.0	0.0	0.44103	*
				34.69780	63.44800	85.00000	0.0	0.0	0.43779	*
				35.45210	63.44800	85.00000	0.0	0.0	0.43437	*
				36.20640	63.44800	85.00000	0.0	0.0	0.43092	*
				36.96070	63.44800	85.00000	0.0	0.0	0.42743	*
				37.71500	63.44800	85.00000	0.0	0.0	0.42391	*
				38.46930	63.44800	85.00000	0.0	0.0	0.42034	*
				39.22360	63.44800	85.00000	0.0	0.0	0.41674	*
				39.97790	63.44800	85.00000	0.0	0.0	0.41311	*
				40.73220	63.44800	85.00000	0.0	0.0	0.40944	*
				41.48650	63.44800	85.00000	0.0	0.0	0.40568	*
				42.24080	63.44800	85.00000	0.0	0.0	0.39859	*
				42.99510	63.44800	85.00000	0.0	0.0	0.38632	*
				43.74940	63.44800	85.00000	0.0	0.0	0.36891	*
				44.50370	63.44800	85.00000	0.0	0.0	0.34644	*
				45.25800	63.44800	85.00000	0.0	0.0	0.31897	*
				46.01230	63.44800	85.00000	0.0	0.0	0.28661	*
				46.76660	63.44800	85.00000	0.0	0.0	0.24946	*
				47.52090	63.44800	85.00000	0.0	0.0	0.20765	*
				48.27520	63.44800	85.00000	0.0	0.0	0.16129	*
				49.02950	63.44800	85.00000	0.0	0.0	0.11054	*
				49.78380	63.44800	85.00000	0.0	0.0	0.05537	*
				50.53810	63.44800	85.00000	0.0	0.0	-0.0035748	*
				51.29240	63.44800	85.00000	0.0	0.0	-0.010007	*
				52.04670	63.44800	85.00000	0.0	0.0	-0.010174	*
				52.80100	63.44800	85.00000	0.0	0.0	-0.010318	*
				53.55530	63.44800	85.00000	0.0	0.0	-0.010439	*
				54.30960	63.44800	85.00000	0.0	0.0	-0.010534	*
				55.06390	63.44800	85.00000	0.0	0.0	-0.010605	*
				55.81820	63.44800	85.00000	0.0	0.0	-0.010651	*
				56.57250	63.44800	85.00000	0.0	0.0	-0.010673	*
				57.32680	63.44800	85.00000	0.0	0.0	-0.010672	*
				58.08110	63.44800	85.00000	0.0	0.0	-0.010649	*
				58.83540	63.44800	85.00000	0.0	0.0	-0.010606	*
				59.58970	63.44800	85.00000	0.0	0.0	-0.010543	*
				60.34400	63.44800	85.00000	0.0	0.0	-0.010461	*
				61.09830	63.44800	85.00000	0.0	0.0	-0.010363	*
				61.85260	63.44800	85.00000	0.0	0.0	-0.010250	*
				62.60690	63.44800	85.00000	0.0	0.0	-0.010123	*
				63.36120	63.44800	85.00000	0.0	0.0	-0.0099845	*
				64.11550	63.44800	85.00000	0.0	0.0	-0.0098349	*
				64.86980	63.44800	85.00000	0.0	0.0	-0.0096759	*
				65.62410	63.44800	85.00000	0.0	0.0	-0.0095090	*
				66.37840	63.44800	85.00000	0.0	0.0	-0.0093352	*
				67.13270	63.44800	85.00000	0.0	0.0	-0.0091559	*
				67.88700	63.44800	85.00000	0.0	0.0	-0.0089720	*
				68.64130	63.44800	85.00000	0.0	0.0	-0.0087847	*
				69.39560	63.44800	85.00000	0.0	0.0	-0.0085948	*
				70.14990	63.44800	85.00000	0.0	0.0	-0.0084033	*
				70.90420	63.44800	85.00000	0.0	0.0	-0.0082108	*
				71.65850	63.44800	85.00000	0.0	0.0	-0.0080180	*
				72.41280	63.44800	85.00000	0.0	0.0	-0.0078257	*
				73.16710	63.44800	85.00000	0.0	0.0	-0.0076343	*
				73.92140	63.44800	85.00000	0.0	0.0	-0.0074443	*
				74.67570	63.44800	85.00000	0.0	0.0	-0.0072562	*
				75.43000	63.44800	85.00000	0.0	0.0	-0.0070703	*
				0.00000	64.16900	85.00000	0.0	0.0	-0.0067366	*
				0.75430	64.16900	85.00000	0.0	0.0	-0.0069147	*
				1.50860	64.16900	85.00000	0.0	0.0	-0.0070954	*
				2.26290	64.16900	85.00				



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				20.36610	64.16900	85.00000	0.0	0.0	-0.010500	*
				21.12040	64.16900	85.00000	0.0	0.0	-0.010474	*
				21.87470	64.16900	85.00000	0.0	0.0	-0.010427	*
				22.62900	64.16900	85.00000	0.0	0.0	-0.010360	*
				23.38330	64.16900	85.00000	0.0	0.0	-0.010272	*
				24.13760	64.16900	85.00000	0.0	0.0	-0.010164	*
				24.89190	64.16900	85.00000	0.0	0.0	-0.010037	*
				25.64620	64.16900	85.00000	0.0	0.0	0.020505	*
				26.40050	64.16900	85.00000	0.0	0.0	0.068900	*
				27.15480	64.16900	85.00000	0.0	0.0	0.11294	*
				27.90910	64.16900	85.00000	0.0	0.0	0.15249	*
				28.66340	64.16900	85.00000	0.0	0.0	0.18744	*
				29.41770	64.16900	85.00000	0.0	0.0	0.21768	*
				30.17200	64.16900	85.00000	0.0	0.0	0.24311	*
				30.92630	64.16900	85.00000	0.0	0.0	0.26365	*
				31.68060	64.16900	85.00000	0.0	0.0	0.27923	*
				32.43490	64.16900	85.00000	0.0	0.0	0.28979	*
				33.18920	64.16900	85.00000	0.0	0.0	0.29529	*
				33.94350	64.16900	85.00000	0.0	0.0	0.29572	*
				34.69780	64.16900	85.00000	0.0	0.0	0.29246	*
				35.45210	64.16900	85.00000	0.0	0.0	0.28902	*
				36.20640	64.16900	85.00000	0.0	0.0	0.28554	*
				36.96070	64.16900	85.00000	0.0	0.0	0.28204	*
				37.71500	64.16900	85.00000	0.0	0.0	0.27851	*
				38.46930	64.16900	85.00000	0.0	0.0	0.27495	*
				39.22360	64.16900	85.00000	0.0	0.0	0.27137	*
				39.97790	64.16900	85.00000	0.0	0.0	0.26775	*
				40.73220	64.16900	85.00000	0.0	0.0	0.26412	*
				41.48650	64.16900	85.00000	0.0	0.0	0.26041	*
				42.24080	64.16900	85.00000	0.0	0.0	0.25359	*
				42.99510	64.16900	85.00000	0.0	0.0	0.24175	*
				43.74940	64.16900	85.00000	0.0	0.0	0.22495	*
				44.50370	64.16900	85.00000	0.0	0.0	0.20323	*
				45.25800	64.16900	85.00000	0.0	0.0	0.17666	*
				46.01230	64.16900	85.00000	0.0	0.0	0.14535	*
				46.76660	64.16900	85.00000	0.0	0.0	0.10938	*
				47.52090	64.16900	85.00000	0.0	0.0	0.068857	*
				48.27520	64.16900	85.00000	0.0	0.0	0.023910	*
				49.02950	64.16900	85.00000	0.0	0.0	-0.0098733	*
				49.78380	64.16900	85.00000	0.0	0.0	-0.010036	*
				50.53810	64.16900	85.00000	0.0	0.0	-0.010183	*
				51.29240	64.16900	85.00000	0.0	0.0	-0.010313	*
				52.04670	64.16900	85.00000	0.0	0.0	-0.010425	*
				52.80100	64.16900	85.00000	0.0	0.0	-0.010517	*
				53.55530	64.16900	85.00000	0.0	0.0	-0.010589	*
				54.30960	64.16900	85.00000	0.0	0.0	-0.010640	*
				55.06390	64.16900	85.00000	0.0	0.0	-0.010670	*
				55.81820	64.16900	85.00000	0.0	0.0	-0.010680	*
				56.57250	64.16900	85.00000	0.0	0.0	-0.010670	*
				57.32680	64.16900	85.00000	0.0	0.0	-0.010640	*
				58.08110	64.16900	85.00000	0.0	0.0	-0.010592	*
				58.83540	64.16900	85.00000	0.0	0.0	-0.010526	*
				59.58970	64.16900	85.00000	0.0	0.0	-0.010444	*
				60.34400	64.16900	85.00000	0.0	0.0	-0.010347	*
				61.09830	64.16900	85.00000	0.0	0.0	-0.010236	*
				61.85260	64.16900	85.00000	0.0	0.0	-0.010111	*
				62.60690	64.16900	85.00000	0.0	0.0	-0.0099760	*
				63.36120	64.16900	85.00000	0.0	0.0	-0.0098302	*
				64.11550	64.16900	85.00000	0.0	0.0	-0.0096755	*
				64.86980	64.16900	85.00000	0.0	0.0	-0.0095130	*
				65.62410	64.16900	85.00000	0.0	0.0	-0.0093439	*
				66.37840	64.16900	85.00000	0.0	0.0	-0.0091692	*
				67.13270	64.16900	85.00000	0.0	0.0	-0.0089899	*
				67.88700	64.16900	85.00000	0.0	0.0	-0.0088070	*
				68.64130	64.16900	85.00000	0.0	0.0	-0.0086214	*
				69.39560	64.16900	85.00000	0.0	0.0	-0.0084338	*
				70.14990	64.16900	85.00000	0.0	0.0	-0.0082451	*
				70.90420	64.16900	85.00000	0.0	0.0	-0.0080559	*
				71.65850	64.16900	85.00000	0.0	0.0	-0.0078668	*
				72.41280	64.16900	85.00000	0.0	0.0	-0.0076784	*
				73.16710	64.16900	85.00000	0.0	0.0	-0.0074911	*
				73.92140	64.16900	85.00000	0.0	0.0	-0.0073054	*
				74.67570	64.16900	85.00000	0.0	0.0	-0.0071217	*
				75.43000	64.16900	85.00000	0.0	0.0	-0.0069403	*
				0.00000	64.89000	85.00000	0.0	0.0	-0.0066123	*
				0.75430	64.89000	85.00000	0.0	0.0	-0.0067861	*
				1.50860	64.89000	85.00000	0.0	0.0	-0.0069623	*
				2.26290	64.89000	85.00000	0.0	0.0	-0.0071408	*
				3.01720	64.89000	85.00000	0.0	0.0	-0.0073213	*
				3.77150	64.89000	85.00000	0.0	0.0	-0.0075033	*
				4.52580	64.89000	85.00000	0.0	0.0	-0.0076865	*
				5.28010	64.89000	85.00000	0.0	0.0	-0.0078704	*
				6.03440	64.89000	85.00000	0.0	0.0	-0.0080545	*
				6.78870	64.89000	85.00000	0.0	0.0	-0.0082382	*
				7.54300	64.89000	85.00000	0.0	0.0	-0.0084209	*
				8.29730	64.89000	85.00000	0.0	0.0	-0.0086019	*
				9.05160	64.89000	85.00000	0.0	0.0	-0.0087804	*
				9.80590	64.89000	85.00000	0.0	0.0	-0.0089557	*
				10.56020	64.89000	85.00000	0.0	0.0	-0.0091268	*
				11.31450	64.89000	85.00000	0.0	0.0	-0.0092928	*
				12.06880	64.89000	85.00000	0.0	0.0	-0.0094528	*
				12.82310	64.89000	85.00000	0.0	0.0	-0.0096057	*
				13.57740	64.89000	85.00000	0.0	0.0	-0.0097504	*
				14.33170	64.89000	85.00000	0.0	0.0	-0.0098859	*
				15.08600	64.89000	85.00000	0.0	0.0	-0.010011	*
				15.84030	64.89000	85.00000	0.0	0.0	-0.010125	*
				16.59460	64.89000	85.00000	0.0	0.0	-0.010226	*
				17.34890	64.89000	85.00000	0.0	0.0	-0.010313	*
				18.10320	64.89000	85.00000	0.0	0.0	-0.010386	*
				18.85750	64.89000	85.00000	0.0	0.0	-0.010443	*
				19.61180	64.89000	85.00000	0.0	0.0	-0.010484	*
				20.36610	64.89000	85.00000	0.0	0.0	-0.010508	*
				21.12040	64.89000	85.00000	0.0	0.0	-0.010515	*
				21.87470	64.89000	85.00000	0.0	0.0	-0.010504	*
				22.62900	64.89000	85.00000	0.0	0.0	-0.010475	*
				23.38330	64.89000	85.00000	0.0	0.0	-0.010430	*
				24.13760	64.89000					



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				42.24080	64.89000	85.00000	0.0	0.0	0.10883	*
				42.99510	64.89000	85.00000	0.0	0.0	0.097392	*
				43.74940	64.89000	85.00000	0.0	0.0	0.081138	*
				44.50370	64.89000	85.00000	0.0	0.0	0.060119	*
				45.25800	64.89000	85.00000	0.0	0.0	0.034400	*
				46.01230	64.89000	85.00000	0.0	0.0	0.0040590	*
				46.76660	64.89000	85.00000	0.0	0.0	-0.0098397	*
				47.52090	64.89000	85.00000	0.0	0.0	-0.0099772	*
				48.27520	64.89000	85.00000	0.0	0.0	-0.010108	*
				49.02950	64.89000	85.00000	0.0	0.0	-0.010229	*
				49.78380	64.89000	85.00000	0.0	0.0	-0.010339	*
				50.53810	64.89000	85.00000	0.0	0.0	-0.010436	*
				51.29240	64.89000	85.00000	0.0	0.0	-0.010518	*
				52.04670	64.89000	85.00000	0.0	0.0	-0.010585	*
				52.80100	64.89000	85.00000	0.0	0.0	-0.010635	*
				53.55530	64.89000	85.00000	0.0	0.0	-0.010668	*
				54.30960	64.89000	85.00000	0.0	0.0	-0.010683	*
				55.06390	64.89000	85.00000	0.0	0.0	-0.010681	*
				55.81820	64.89000	85.00000	0.0	0.0	-0.010661	*
				56.57250	64.89000	85.00000	0.0	0.0	-0.010625	*
				57.32680	64.89000	85.00000	0.0	0.0	-0.010572	*
				58.08110	64.89000	85.00000	0.0	0.0	-0.010503	*
				58.83540	64.89000	85.00000	0.0	0.0	-0.010420	*
				59.58970	64.89000	85.00000	0.0	0.0	-0.010323	*
				60.34400	64.89000	85.00000	0.0	0.0	-0.010213	*
				61.09830	64.89000	85.00000	0.0	0.0	-0.010091	*
				61.85260	64.89000	85.00000	0.0	0.0	-0.0099589	*
				62.60690	64.89000	85.00000	0.0	0.0	-0.0098169	*
				63.36120	64.89000	85.00000	0.0	0.0	-0.0096663	*
				64.11550	64.89000	85.00000	0.0	0.0	-0.0095081	*
				64.86980	64.89000	85.00000	0.0	0.0	-0.0093435	*
				65.62410	64.89000	85.00000	0.0	0.0	-0.0091734	*
				66.37840	64.89000	85.00000	0.0	0.0	-0.0089987	*
				67.13270	64.89000	85.00000	0.0	0.0	-0.0088204	*
				67.88700	64.89000	85.00000	0.0	0.0	-0.0086391	*
				68.64130	64.89000	85.00000	0.0	0.0	-0.0084558	*
				69.39560	64.89000	85.00000	0.0	0.0	-0.0082711	*
				70.14990	64.89000	85.00000	0.0	0.0	-0.0080856	*
				70.90420	64.89000	85.00000	0.0	0.0	-0.0079000	*
				71.65850	64.89000	85.00000	0.0	0.0	-0.0077148	*
				72.41280	64.89000	85.00000	0.0	0.0	-0.0075305	*
				73.16710	64.89000	85.00000	0.0	0.0	-0.0073475	*
				73.92140	64.89000	85.00000	0.0	0.0	-0.0071662	*
				74.67570	64.89000	85.00000	0.0	0.0	-0.0069870	*
				75.43000	64.89000	85.00000	0.0	0.0	-0.0068101	*
				0.00000	65.61100	85.00000	0.0	0.0	-0.0064882	*
				0.75430	65.61100	85.00000	0.0	0.0	-0.0066575	*
				1.50860	65.61100	85.00000	0.0	0.0	-0.0068292	*
				2.26290	65.61100	85.00000	0.0	0.0	-0.0070033	*
				3.01720	65.61100	85.00000	0.0	0.0	-0.0071793	*
				3.77150	65.61100	85.00000	0.0	0.0	-0.0073571	*
				4.52580	65.61100	85.00000	0.0	0.0	-0.0075361	*
				5.28010	65.61100	85.00000	0.0	0.0	-0.0077161	*
				6.03440	65.61100	85.00000	0.0	0.0	-0.0078965	*
				6.78870	65.61100	85.00000	0.0	0.0	-0.0080768	*
				7.54300	65.61100	85.00000	0.0	0.0	-0.0082566	*
				8.29730	65.61100	85.00000	0.0	0.0	-0.0084351	*
				9.05160	65.61100	85.00000	0.0	0.0	-0.0086118	*
				9.80590	65.61100	85.00000	0.0	0.0	-0.0087859	*
				10.56020	65.61100	85.00000	0.0	0.0	-0.0089566	*
				11.31450	65.61100	85.00000	0.0	0.0	-0.0091232	*
				12.06880	65.61100	85.00000	0.0	0.0	-0.0092848	*
				12.82310	65.61100	85.00000	0.0	0.0	-0.0094406	*
				13.57740	65.61100	85.00000	0.0	0.0	-0.0095895	*
				14.33170	65.61100	85.00000	0.0	0.0	-0.0097306	*
				15.08600	65.61100	85.00000	0.0	0.0	-0.0098631	*
				15.84030	65.61100	85.00000	0.0	0.0	-0.0099859	*
				16.59460	65.61100	85.00000	0.0	0.0	-0.010098	*
				17.34890	65.61100	85.00000	0.0	0.0	-0.010199	*
				18.10320	65.61100	85.00000	0.0	0.0	-0.010287	*
				18.85750	65.61100	85.00000	0.0	0.0	-0.010363	*
				19.61180	65.61100	85.00000	0.0	0.0	-0.010424	*
				20.36610	65.61100	85.00000	0.0	0.0	-0.010472	*
				21.12040	65.61100	85.00000	0.0	0.0	-0.010504	*
				21.87470	65.61100	85.00000	0.0	0.0	-0.010522	*
				22.62900	65.61100	85.00000	0.0	0.0	-0.010525	*
				23.38330	65.61100	85.00000	0.0	0.0	-0.010514	*
				24.13760	65.61100	85.00000	0.0	0.0	-0.010488	*
				24.89190	65.61100	85.00000	0.0	0.0	-0.010449	*
				25.64620	65.61100	85.00000	0.0	0.0	-0.010397	*
				26.40050	65.61100	85.00000	0.0	0.0	-0.010334	*
				27.15480	65.61100	85.00000	0.0	0.0	-0.010261	*
				27.90910	65.61100	85.00000	0.0	0.0	-0.010180	*
				28.66340	65.61100	85.00000	0.0	0.0	-0.010093	*
				29.41770	65.61100	85.00000	0.0	0.0	-0.010001	*
				30.17200	65.61100	85.00000	0.0	0.0	-0.0099082	*
				30.92630	65.61100	85.00000	0.0	0.0	-0.0098153	*
				31.68060	65.61100	85.00000	0.0	0.0	-0.0094619	*
				32.43490	65.61100	85.00000	0.0	390.92E-6		*
				33.18920	65.61100	85.00000	0.0	0.0	0.0054978	*
				33.94350	65.61100	85.00000	0.0	0.0	0.0058418	*
				34.69780	65.61100	85.00000	0.0	0.0	0.0025792	*
				35.45210	65.61100	85.00000	0.0	0.0	-912.17E-6	*
				36.20640	65.61100	85.00000	0.0	0.0	-0.0044173	*
				36.96070	65.61100	85.00000	0.0	0.0	-0.0079372	*
				37.71500	65.61100	85.00000	0.0	0.0	-0.0093413	*
				38.46930	65.61100	85.00000	0.0	0.0	-0.0093553	*
				39.22360	65.61100	85.00000	0.0	0.0	-0.0093845	*
				39.97790	65.61100	85.00000	0.0	0.0	-0.0094280	*
				40.73220	65.61100	85.00000	0.0	0.0	-0.0094849	*
				41.48650	65.61100	85.00000	0.0	0.0	-0.0095539	*
				42.24080	65.61100	85.00000	0.0	0.0	-0.0096333	*
				42.99510	65.61100	85.00000	0.0	0.0	-0.0097211	*
				43.74940	65.61100	85.00000	0.0	0.0	-0.0098155	*
				44.50370	65.61100	85.00000	0.0	0.0	-0.0099140	*
				45.25800	65.61100	85.00000	0.0	0.0	-0.010015	*



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				64.11550	65.61100	85.00000	0.0	0.0	-0.0093341	*
				64.86980	65.61100	85.00000	0.0	0.0	-0.0091686	*
				65.62410	65.61100	85.00000	0.0	0.0	-0.0089986	*
				66.37840	65.61100	85.00000	0.0	0.0	-0.0088248	*
				67.13270	65.61100	85.00000	0.0	0.0	-0.0086480	*
				67.88700	65.61100	85.00000	0.0	0.0	-0.0084691	*
				68.64130	65.61100	85.00000	0.0	0.0	-0.0082885	*
				69.39560	65.61100	85.00000	0.0	0.0	-0.0081070	*
				70.14990	65.61100	85.00000	0.0	0.0	-0.0079252	*
				70.90420	65.61100	85.00000	0.0	0.0	-0.0077435	*
				71.65850	65.61100	85.00000	0.0	0.0	-0.0075624	*
				72.41280	65.61100	85.00000	0.0	0.0	-0.0073824	*
				73.16710	65.61100	85.00000	0.0	0.0	-0.0072038	*
				73.92140	65.61100	85.00000	0.0	0.0	-0.0070271	*
				74.67570	65.61100	85.00000	0.0	0.0	-0.0068524	*
				75.43000	65.61100	85.00000	0.0	0.0	-0.0066801	*
				0.00000	66.33200	85.00000	0.0	0.0	-0.0063644	*
				0.75430	66.33200	85.00000	0.0	0.0	-0.0065291	*
				1.50860	66.33200	85.00000	0.0	0.0	-0.0066963	*
				2.26290	66.33200	85.00000	0.0	0.0	-0.0068659	*
				3.01720	66.33200	85.00000	0.0	0.0	-0.0070374	*
				3.77150	66.33200	85.00000	0.0	0.0	-0.0072107	*
				4.52580	66.33200	85.00000	0.0	0.0	-0.0073855	*
				5.28010	66.33200	85.00000	0.0	0.0	-0.0075613	*
				6.03440	66.33200	85.00000	0.0	0.0	-0.0077378	*
				6.78870	66.33200	85.00000	0.0	0.0	-0.0079145	*
				7.54300	66.33200	85.00000	0.0	0.0	-0.0080909	*
				8.29730	66.33200	85.00000	0.0	0.0	-0.0082665	*
				9.05160	66.33200	85.00000	0.0	0.0	-0.0084408	*
				9.80590	66.33200	85.00000	0.0	0.0	-0.0086130	*
				10.56020	66.33200	85.00000	0.0	0.0	-0.0087826	*
				11.31450	66.33200	85.00000	0.0	0.0	-0.0089488	*
				12.06880	66.33200	85.00000	0.0	0.0	-0.0091109	*
				12.82310	66.33200	85.00000	0.0	0.0	-0.0092681	*
				13.57740	66.33200	85.00000	0.0	0.0	-0.0094196	*
				14.33170	66.33200	85.00000	0.0	0.0	-0.0095647	*
				15.08600	66.33200	85.00000	0.0	0.0	-0.0097024	*
				15.84030	66.33200	85.00000	0.0	0.0	-0.0098320	*
				16.59460	66.33200	85.00000	0.0	0.0	-0.0099527	*
				17.34890	66.33200	85.00000	0.0	0.0	-0.010064	*
				18.10320	66.33200	85.00000	0.0	0.0	-0.010164	*
				18.85750	66.33200	85.00000	0.0	0.0	-0.010254	*
				19.61180	66.33200	85.00000	0.0	0.0	-0.010332	*
				20.36610	66.33200	85.00000	0.0	0.0	-0.010397	*
				21.12040	66.33200	85.00000	0.0	0.0	-0.010451	*
				21.87470	66.33200	85.00000	0.0	0.0	-0.010492	*
				22.62900	66.33200	85.00000	0.0	0.0	-0.010520	*
				23.38330	66.33200	85.00000	0.0	0.0	-0.010535	*
				24.13760	66.33200	85.00000	0.0	0.0	-0.010539	*
				24.89190	66.33200	85.00000	0.0	0.0	-0.010530	*
				25.64620	66.33200	85.00000	0.0	0.0	-0.010511	*
				26.40050	66.33200	85.00000	0.0	0.0	-0.010482	*
				27.15480	66.33200	85.00000	0.0	0.0	-0.010444	*
				27.90910	66.33200	85.00000	0.0	0.0	-0.010399	*
				28.66340	66.33200	85.00000	0.0	0.0	-0.010347	*
				29.41770	66.33200	85.00000	0.0	0.0	-0.010291	*
				30.17200	66.33200	85.00000	0.0	0.0	-0.010233	*
				30.92630	66.33200	85.00000	0.0	0.0	-0.010173	*
				31.68060	66.33200	85.00000	0.0	0.0	-0.010115	*
				32.43490	66.33200	85.00000	0.0	0.0	-0.010059	*
				33.18920	66.33200	85.00000	0.0	0.0	-0.010007	*
				33.94350	66.33200	85.00000	0.0	0.0	-0.0099619	*
				34.69780	66.33200	85.00000	0.0	0.0	-0.0099237	*
				35.45210	66.33200	85.00000	0.0	0.0	-0.0098940	*
				36.20640	66.33200	85.00000	0.0	0.0	-0.0098739	*
				36.96070	66.33200	85.00000	0.0	0.0	-0.0098639	*
				37.71500	66.33200	85.00000	0.0	0.0	-0.0098645	*
				38.46930	66.33200	85.00000	0.0	0.0	-0.0098758	*
				39.22360	66.33200	85.00000	0.0	0.0	-0.0098976	*
				39.97790	66.33200	85.00000	0.0	0.0	-0.0099293	*
				40.73220	66.33200	85.00000	0.0	0.0	-0.0099702	*
				41.48650	66.33200	85.00000	0.0	0.0	-0.010019	*
				42.24080	66.33200	85.00000	0.0	0.0	-0.010075	*
				42.99510	66.33200	85.00000	0.0	0.0	-0.010136	*
				43.74940	66.33200	85.00000	0.0	0.0	-0.010201	*
				44.50370	66.33200	85.00000	0.0	0.0	-0.010268	*
				45.25800	66.33200	85.00000	0.0	0.0	-0.010335	*
				46.01230	66.33200	85.00000	0.0	0.0	-0.010401	*
				46.76660	66.33200	85.00000	0.0	0.0	-0.010464	*
				47.52090	66.33200	85.00000	0.0	0.0	-0.010522	*
				48.27520	66.33200	85.00000	0.0	0.0	-0.010573	*
				49.02950	66.33200	85.00000	0.0	0.0	-0.010616	*
				49.78380	66.33200	85.00000	0.0	0.0	-0.010651	*
				50.53810	66.33200	85.00000	0.0	0.0	-0.010675	*
				51.29240	66.33200	85.00000	0.0	0.0	-0.010688	*
				52.04670	66.33200	85.00000	0.0	0.0	-0.010689	*
				52.80100	66.33200	85.00000	0.0	0.0	-0.010678	*
				53.55530	66.33200	85.00000	0.0	0.0	-0.010655	*
				54.30960	66.33200	85.00000	0.0	0.0	-0.010618	*
				55.06390	66.33200	85.00000	0.0	0.0	-0.010569	*
				55.81820	66.33200	85.00000	0.0	0.0	-0.010507	*
				56.57250	66.33200	85.00000	0.0	0.0	-0.010434	*
				57.32680	66.33200	85.00000	0.0	0.0	-0.010348	*
				58.08110	66.33200	85.00000	0.0	0.0	-0.010251	*
				58.83540	66.33200	85.00000	0.0	0.0	-0.010143	*
				59.58970	66.33200	85.00000	0.0	0.0	-0.010026	*
				60.34400	66.33200	85.00000	0.0	0.0	-0.0098989	*
				61.09830	66.33200	85.00000	0.0	0.0	-0.0097638	*
				61.85260	66.33200	85.00000	0.0	0.0	-0.0096209	*
				62.60690	66.33200	85.00000	0.0	0.0	-0.0094713	*
				63.36120	66.33200	85.00000	0.0	0.0	-0.0093156	*
				64.11550	66.33200	85.00000	0.0	0.0	-0.0091547	*
				64.86980	66.33200	85.00000	0.0	0.0	-0.0089894	*
				65.62410	66.33200	85.00000	0.0	0.0	-0.0088202	*
				66.37840	66.33200	85.00000	0.0	0.0	-0.0086481	*
				67.13270	66.33200					



Highgate Cemetery
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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				9.80590	67.05300	85.00000	0.0	0.0	-0.0084379	*
				10.56020	67.05300	85.00000	0.0	0.0	-0.0086056	*
				11.31450	67.05300	85.00000	0.0	0.0	-0.0087705	*
				12.06880	67.05300	85.00000	0.0	0.0	-0.0089321	*
				12.82310	67.05300	85.00000	0.0	0.0	-0.0090897	*
				13.57740	67.05300	85.00000	0.0	0.0	-0.0092425	*
				14.33170	67.05300	85.00000	0.0	0.0	-0.0093899	*
				15.08600	67.05300	85.00000	0.0	0.0	-0.0095312	*
				15.84030	67.05300	85.00000	0.0	0.0	-0.0096655	*
				16.59460	67.05300	85.00000	0.0	0.0	-0.0097924	*
				17.34890	67.05300	85.00000	0.0	0.0	-0.0099110	*
				18.10320	67.05300	85.00000	0.0	0.0	-0.0100021	*
				18.85750	67.05300	85.00000	0.0	0.0	-0.010121	*
				19.61180	67.05300	85.00000	0.0	0.0	-0.010212	*
				20.36610	67.05300	85.00000	0.0	0.0	-0.010292	*
				21.12040	67.05300	85.00000	0.0	0.0	-0.010361	*
				21.87470	67.05300	85.00000	0.0	0.0	-0.010420	*
				22.62900	67.05300	85.00000	0.0	0.0	-0.010468	*
				23.38330	67.05300	85.00000	0.0	0.0	-0.010505	*
				24.13760	67.05300	85.00000	0.0	0.0	-0.010531	*
				24.89190	67.05300	85.00000	0.0	0.0	-0.010548	*
				25.64620	67.05300	85.00000	0.0	0.0	-0.010554	*
				26.40050	67.05300	85.00000	0.0	0.0	-0.010552	*
				27.15480	67.05300	85.00000	0.0	0.0	-0.010542	*
				27.90910	67.05300	85.00000	0.0	0.0	-0.010525	*
				28.66340	67.05300	85.00000	0.0	0.0	-0.010501	*
				29.41770	67.05300	85.00000	0.0	0.0	-0.010474	*
				30.17200	67.05300	85.00000	0.0	0.0	-0.010443	*
				30.92630	67.05300	85.00000	0.0	0.0	-0.010410	*
				31.68060	67.05300	85.00000	0.0	0.0	-0.010376	*
				32.43490	67.05300	85.00000	0.0	0.0	-0.010343	*
				33.18920	67.05300	85.00000	0.0	0.0	-0.010313	*
				33.94350	67.05300	85.00000	0.0	0.0	-0.010285	*
				34.69780	67.05300	85.00000	0.0	0.0	-0.010262	*
				35.45210	67.05300	85.00000	0.0	0.0	-0.010245	*
				36.20640	67.05300	85.00000	0.0	0.0	-0.010234	*
				36.96070	67.05300	85.00000	0.0	0.0	-0.010229	*
				37.71500	67.05300	85.00000	0.0	0.0	-0.010231	*
				38.46930	67.05300	85.00000	0.0	0.0	-0.010240	*
				39.22360	67.05300	85.00000	0.0	0.0	-0.010256	*
				39.97790	67.05300	85.00000	0.0	0.0	-0.010278	*
				40.73220	67.05300	85.00000	0.0	0.0	-0.010306	*
				41.48650	67.05300	85.00000	0.0	0.0	-0.010340	*
				42.24080	67.05300	85.00000	0.0	0.0	-0.010377	*
				42.99510	67.05300	85.00000	0.0	0.0	-0.010417	*
				43.74940	67.05300	85.00000	0.0	0.0	-0.010458	*
				44.50370	67.05300	85.00000	0.0	0.0	-0.010500	*
				45.25800	67.05300	85.00000	0.0	0.0	-0.010541	*
				46.01230	67.05300	85.00000	0.0	0.0	-0.010580	*
				46.76660	67.05300	85.00000	0.0	0.0	-0.010614	*
				47.52090	67.05300	85.00000	0.0	0.0	-0.010644	*
				48.27520	67.05300	85.00000	0.0	0.0	-0.010667	*
				49.02950	67.05300	85.00000	0.0	0.0	-0.010683	*
				49.78380	67.05300	85.00000	0.0	0.0	-0.010691	*
				50.53810	67.05300	85.00000	0.0	0.0	-0.010690	*
				51.29240	67.05300	85.00000	0.0	0.0	-0.010678	*
				52.04670	67.05300	85.00000	0.0	0.0	-0.010657	*
				52.80100	67.05300	85.00000	0.0	0.0	-0.010624	*
				53.55530	67.05300	85.00000	0.0	0.0	-0.010581	*
				54.30960	67.05300	85.00000	0.0	0.0	-0.010527	*
				55.06390	67.05300	85.00000	0.0	0.0	-0.010461	*
				55.81820	67.05300	85.00000	0.0	0.0	-0.010385	*
				56.57250	67.05300	85.00000	0.0	0.0	-0.010298	*
				57.32680	67.05300	85.00000	0.0	0.0	-0.010201	*
				58.08110	67.05300	85.00000	0.0	0.0	-0.010095	*
				58.83540	67.05300	85.00000	0.0	0.0	-0.0099795	*
				59.58970	67.05300	85.00000	0.0	0.0	-0.0098555	*
				60.34400	67.05300	85.00000	0.0	0.0	-0.0097237	*
				61.09830	67.05300	85.00000	0.0	0.0	-0.0095847	*
				61.85260	67.05300	85.00000	0.0	0.0	-0.0094392	*
				62.60690	67.05300	85.00000	0.0	0.0	-0.0092880	*
				63.36120	67.05300	85.00000	0.0	0.0	-0.0091317	*
				64.11550	67.05300	85.00000	0.0	0.0	-0.0089711	*
				64.86980	67.05300	85.00000	0.0	0.0	-0.0088067	*
				65.62410	67.05300	85.00000	0.0	0.0	-0.0086393	*
				66.37840	67.05300	85.00000	0.0	0.0	-0.0084695	*
				67.13270	67.05300	85.00000	0.0	0.0	-0.0082978	*
				67.88700	67.05300	85.00000	0.0	0.0	-0.0081248	*
				68.64130	67.05300	85.00000	0.0	0.0	-0.0079510	*
				69.39560	67.05300	85.00000	0.0	0.0	-0.0077770	*
				70.14990	67.05300	85.00000	0.0	0.0	-0.0076032	*
				70.90420	67.05300	85.00000	0.0	0.0	-0.0074299	*
				71.65850	67.05300	85.00000	0.0	0.0	-0.0072576	*
				72.41280	67.05300	85.00000	0.0	0.0	-0.0070866	*
				73.16710	67.05300	85.00000	0.0	0.0	-0.0069171	*
				73.92140	67.05300	85.00000	0.0	0.0	-0.0067496	*
				74.67570	67.05300	85.00000	0.0	0.0	-0.0065842	*
				75.43000	67.05300	85.00000	0.0	0.0	-0.0064211	*
				0.00000	67.77400	85.00000	0.0	0.0	-0.0061181	*
				0.75430	67.77400	85.00000	0.0	0.0	-0.0062738	*
				1.50860	67.77400	85.00000	0.0	0.0	-0.0064319	*
				2.26290	67.77400	85.00000	0.0	0.0	-0.0065923	*
				3.01720	67.77400	85.00000	0.0	0.0	-0.0067547	*
				3.77150	67.77400	85.00000	0.0	0.0	-0.0069190	*
				4.52580	67.77400	85.00000	0.0	0.0	-0.0070848	*
				5.28010	67.77400	85.00000	0.0	0.0	-0.0072519	*
				6.03440	67.77400	85.00000	0.0	0.0	-0.0074199	*
				6.78870	67.77400	85.00000	0.0	0.0	-0.0075886	*
				7.54300	67.77400	85.00000	0.0	0.0	-0.0077575	*
				8.29730	67.77400	85.00000	0.0	0.0	-0.0079262	*
				9.05160	67.77400	85.00000	0.0	0.0	-0.0080942	*
				9.80590	67.77400	85.00000	0.0	0.0	-0.0082611	*
				10.56020	67.77400	85.00000	0.0	0.0	-0.0084263	*
				11.31450	67.77400	85.00000	0.0	0.0	-0.0085894	*
				12.06880	67.77400	85.00000	0.0	0.0	-0.0087497	*
				12.82310	67.77400	85.				



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A-SQUARED STUDIO
ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				31.68060	67.77400	85.00000	0.0	0.0	-0.010532	*
				32.43490	67.77400	85.00000	0.0	0.0	-0.010517	*
				33.18920	67.77400	85.00000	0.0	0.0	-0.010503	*
				33.94350	67.77400	85.00000	0.0	0.0	-0.010490	*
				34.69780	67.77400	85.00000	0.0	0.0	-0.010479	*
				35.45210	67.77400	85.00000	0.0	0.0	-0.010471	*
				36.20640	67.77400	85.00000	0.0	0.0	-0.010467	*
				36.96070	67.77400	85.00000	0.0	0.0	-0.010466	*
				37.71500	67.77400	85.00000	0.0	0.0	-0.010469	*
				38.46930	67.77400	85.00000	0.0	0.0	-0.010477	*
				39.22360	67.77400	85.00000	0.0	0.0	-0.010488	*
				39.97790	67.77400	85.00000	0.0	0.0	-0.010503	*
				40.73220	67.77400	85.00000	0.0	0.0	-0.010521	*
				41.48650	67.77400	85.00000	0.0	0.0	-0.010541	*
				42.24080	67.77400	85.00000	0.0	0.0	-0.010564	*
				42.99510	67.77400	85.00000	0.0	0.0	-0.010587	*
				43.74940	67.77400	85.00000	0.0	0.0	-0.010610	*
				44.50370	67.77400	85.00000	0.0	0.0	-0.010633	*
				45.25800	67.77400	85.00000	0.0	0.0	-0.010653	*
				46.01230	67.77400	85.00000	0.0	0.0	-0.010670	*
				46.76660	67.77400	85.00000	0.0	0.0	-0.010682	*
				47.52090	67.77400	85.00000	0.0	0.0	-0.010690	*
				48.27520	67.77400	85.00000	0.0	0.0	-0.010691	*
				49.02950	67.77400	85.00000	0.0	0.0	-0.010685	*
				49.78380	67.77400	85.00000	0.0	0.0	-0.010672	*
				50.53810	67.77400	85.00000	0.0	0.0	-0.010651	*
				51.29240	67.77400	85.00000	0.0	0.0	-0.010620	*
				52.04670	67.77400	85.00000	0.0	0.0	-0.010580	*
				52.80100	67.77400	85.00000	0.0	0.0	-0.010531	*
				53.55530	67.77400	85.00000	0.0	0.0	-0.010473	*
				54.30960	67.77400	85.00000	0.0	0.0	-0.010404	*
				55.06390	67.77400	85.00000	0.0	0.0	-0.010326	*
				55.81820	67.77400	85.00000	0.0	0.0	-0.010239	*
				56.57250	67.77400	85.00000	0.0	0.0	-0.010142	*
				57.32680	67.77400	85.00000	0.0	0.0	-0.010037	*
				58.08110	67.77400	85.00000	0.0	0.0	-0.0099240	*
				58.83540	67.77400	85.00000	0.0	0.0	-0.0098028	*
				59.58970	67.77400	85.00000	0.0	0.0	-0.0096744	*
				60.34400	67.77400	85.00000	0.0	0.0	-0.0095392	*
				61.09830	67.77400	85.00000	0.0	0.0	-0.0093980	*
				61.85260	67.77400	85.00000	0.0	0.0	-0.0092513	*
				62.60690	67.77400	85.00000	0.0	0.0	-0.0090997	*
				63.36120	67.77400	85.00000	0.0	0.0	-0.0089438	*
				64.11550	67.77400	85.00000	0.0	0.0	-0.0087843	*
				64.86980	67.77400	85.00000	0.0	0.0	-0.0086217	*
				65.62410	67.77400	85.00000	0.0	0.0	-0.0084566	*
				66.37840	67.77400	85.00000	0.0	0.0	-0.0082895	*
				67.13270	67.77400	85.00000	0.0	0.0	-0.0081211	*
				67.88700	67.77400	85.00000	0.0	0.0	-0.0079517	*
				68.64130	67.77400	85.00000	0.0	0.0	-0.0077818	*
				69.39560	67.77400	85.00000	0.0	0.0	-0.0076119	*
				70.14990	67.77400	85.00000	0.0	0.0	-0.0074423	*
				70.90420	67.77400	85.00000	0.0	0.0	-0.0072735	*
				71.65850	67.77400	85.00000	0.0	0.0	-0.0071058	*
				72.41280	67.77400	85.00000	0.0	0.0	-0.0069394	*
				73.16710	67.77400	85.00000	0.0	0.0	-0.0067746	*
				73.92140	67.77400	85.00000	0.0	0.0	-0.0066118	*
				74.67570	67.77400	85.00000	0.0	0.0	-0.0064510	*
				75.43000	67.77400	85.00000	0.0	0.0	-0.0062926	*
				0.00000	68.49500	85.00000	0.0	0.0	-0.0059960	*
				0.75430	68.49500	85.00000	0.0	0.0	-0.0061472	*
				1.50860	68.49500	85.00000	0.0	0.0	-0.0063008	*
				2.26290	68.49500	85.00000	0.0	0.0	-0.0064566	*
				3.01720	68.49500	85.00000	0.0	0.0	-0.0066144	*
				3.77150	68.49500	85.00000	0.0	0.0	-0.0067740	*
				4.52580	68.49500	85.00000	0.0	0.0	-0.0069353	*
				5.28010	68.49500	85.00000	0.0	0.0	-0.0070979	*
				6.03440	68.49500	85.00000	0.0	0.0	-0.0072615	*
				6.78870	68.49500	85.00000	0.0	0.0	-0.0074258	*
				7.54300	68.49500	85.00000	0.0	0.0	-0.0075906	*
				8.29730	68.49500	85.00000	0.0	0.0	-0.0077554	*
				9.05160	68.49500	85.00000	0.0	0.0	-0.0079197	*
				9.80590	68.49500	85.00000	0.0	0.0	-0.0080833	*
				10.56020	68.49500	85.00000	0.0	0.0	-0.0082456	*
				11.31450	68.49500	85.00000	0.0	0.0	-0.0084062	*
				12.06880	68.49500	85.00000	0.0	0.0	-0.0085645	*
				12.82310	68.49500	85.00000	0.0	0.0	-0.0087201	*
				13.57740	68.49500	85.00000	0.0	0.0	-0.0088723	*
				14.33170	68.49500	85.00000	0.0	0.0	-0.0090208	*
				15.08600	68.49500	85.00000	0.0	0.0	-0.0091648	*
				15.84030	68.49500	85.00000	0.0	0.0	-0.0093039	*
				16.59460	68.49500	85.00000	0.0	0.0	-0.0094375	*
				17.34890	68.49500	85.00000	0.0	0.0	-0.0095651	*
				18.10320	68.49500	85.00000	0.0	0.0	-0.0096863	*
				18.85750	68.49500	85.00000	0.0	0.0	-0.0098005	*
				19.61180	68.49500	85.00000	0.0	0.0	-0.0099074	*
				20.36610	68.49500	85.00000	0.0	0.0	-0.0100007	*
				21.12040	68.49500	85.00000	0.0	0.0	-0.010098	*
				21.87470	68.49500	85.00000	0.0	0.0	-0.010181	*
				22.62900	68.49500	85.00000	0.0	0.0	-0.010256	*
				23.38330	68.49500	85.00000	0.0	0.0	-0.010323	*
				24.13760	68.49500	85.00000	0.0	0.0	-0.010381	*
				24.89190	68.49500	85.00000	0.0	0.0	-0.010432	*
				25.64620	68.49500	85.00000	0.0	0.0	-0.010474	*
				26.40050	68.49500	85.00000	0.0	0.0	-0.010510	*
				27.15480	68.49500	85.00000	0.0	0.0	-0.010538	*
				27.90910	68.49500	85.00000	0.0	0.0	-0.010560	*
				28.66340	68.49500	85.00000	0.0	0.0	-0.010577	*
				29.41770	68.49500	85.00000	0.0	0.0	-0.010588	*
				30.17200	68.49500	85.00000	0.0	0.0	-0.010596	*
				30.92630	68.49500	85.00000	0.0	0.0	-0.010600	*
				31.68060	68.49500	85.00000	0.0	0.0	-0.010601	*
				32.43490	68.49500	85.00000	0.0	0.0	-0.010601	*
				33.18920	68.49500	85.00000	0.0	0.0	-0.010600	*
				33.94350	68.49500	85.00000	0.0	0.0	-0.010598	*
				34.69780	68.49500	85				



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				53.55530	68.49500	85.00000	0.0	0.0	-0.010335	*
				54.30960	68.49500	85.00000	0.0	0.0	-0.010256	*
				55.06390	68.49500	85.00000	0.0	0.0	-0.010169	*
				55.81820	68.49500	85.00000	0.0	0.0	-0.010073	*
				56.57250	68.49500	85.00000	0.0	0.0	-0.0099700	*
				57.32680	68.49500	85.00000	0.0	0.0	-0.0098589	*
				58.08110	68.49500	85.00000	0.0	0.0	-0.0097407	*
				58.83540	68.49500	85.00000	0.0	0.0	-0.0096157	*
				59.58970	68.49500	85.00000	0.0	0.0	-0.0094845	*
				60.34400	68.49500	85.00000	0.0	0.0	-0.0093476	*
				61.09830	68.49500	85.00000	0.0	0.0	-0.0092054	*
				61.85260	68.49500	85.00000	0.0	0.0	-0.0090585	*
				62.60690	68.49500	85.00000	0.0	0.0	-0.0089075	*
				63.36120	68.49500	85.00000	0.0	0.0	-0.0087529	*
				64.11550	68.49500	85.00000	0.0	0.0	-0.0085952	*
				64.86980	68.49500	85.00000	0.0	0.0	-0.0084350	*
				65.62410	68.49500	85.00000	0.0	0.0	-0.0082727	*
				66.37840	68.49500	85.00000	0.0	0.0	-0.0081089	*
				67.13270	68.49500	85.00000	0.0	0.0	-0.0079441	*
				67.88700	68.49500	85.00000	0.0	0.0	-0.0077785	*
				68.64130	68.49500	85.00000	0.0	0.0	-0.0076128	*
				69.39560	68.49500	85.00000	0.0	0.0	-0.0074472	*
				70.14990	68.49500	85.00000	0.0	0.0	-0.0072821	*
				70.90420	68.49500	85.00000	0.0	0.0	-0.0071178	*
				71.65850	68.49500	85.00000	0.0	0.0	-0.0069547	*
				72.41280	68.49500	85.00000	0.0	0.0	-0.0067930	*
				73.16710	68.49500	85.00000	0.0	0.0	-0.0066329	*
				73.92140	68.49500	85.00000	0.0	0.0	-0.0064748	*
				74.67570	68.49500	85.00000	0.0	0.0	-0.0063187	*
				75.43000	68.49500	85.00000	0.0	0.0	-0.0061648	*
				0.00000	69.21600	85.00000	0.0	0.0	-0.0058748	*
				0.75430	69.21600	85.00000	0.0	0.0	-0.0060216	*
				1.50860	69.21600	85.00000	0.0	0.0	-0.0061706	*
				2.26290	69.21600	85.00000	0.0	0.0	-0.0063218	*
				3.01720	69.21600	85.00000	0.0	0.0	-0.0064750	*
				3.77150	69.21600	85.00000	0.0	0.0	-0.0066300	*
				4.52580	69.21600	85.00000	0.0	0.0	-0.0067866	*
				5.28010	69.21600	85.00000	0.0	0.0	-0.0069446	*
				6.03440	69.21600	85.00000	0.0	0.0	-0.0071037	*
				6.78870	69.21600	85.00000	0.0	0.0	-0.0072637	*
				7.54300	69.21600	85.00000	0.0	0.0	-0.0074241	*
				8.29730	69.21600	85.00000	0.0	0.0	-0.0075848	*
				9.05160	69.21600	85.00000	0.0	0.0	-0.0077453	*
				9.80590	69.21600	85.00000	0.0	0.0	-0.0079052	*
				10.56020	69.21600	85.00000	0.0	0.0	-0.0080642	*
				11.31450	69.21600	85.00000	0.0	0.0	-0.0082218	*
				12.06880	69.21600	85.00000	0.0	0.0	-0.0083775	*
				12.82310	69.21600	85.00000	0.0	0.0	-0.0085310	*
				13.57740	69.21600	85.00000	0.0	0.0	-0.0086817	*
				14.33170	69.21600	85.00000	0.0	0.0	-0.0088322	*
				15.08600	69.21600	85.00000	0.0	0.0	-0.0089730	*
				15.84030	69.21600	85.00000	0.0	0.0	-0.0091125	*
				16.59460	69.21600	85.00000	0.0	0.0	-0.0092473	*
				17.34890	69.21600	85.00000	0.0	0.0	-0.0093770	*
				18.10320	69.21600	85.00000	0.0	0.0	-0.0095011	*
				18.85750	69.21600	85.00000	0.0	0.0	-0.0096192	*
				19.61180	69.21600	85.00000	0.0	0.0	-0.0097310	*
				20.36610	69.21600	85.00000	0.0	0.0	-0.0098360	*
				21.12040	69.21600	85.00000	0.0	0.0	-0.0099341	*
				21.87470	69.21600	85.00000	0.0	0.0	-0.010025	*
				22.62900	69.21600	85.00000	0.0	0.0	-0.010109	*
				23.38330	69.21600	85.00000	0.0	0.0	-0.010185	*
				24.13760	69.21600	85.00000	0.0	0.0	-0.010254	*
				24.89190	69.21600	85.00000	0.0	0.0	-0.010316	*
				25.64620	69.21600	85.00000	0.0	0.0	-0.010371	*
				26.40050	69.21600	85.00000	0.0	0.0	-0.010419	*
				27.15480	69.21600	85.00000	0.0	0.0	-0.010460	*
				27.90910	69.21600	85.00000	0.0	0.0	-0.010496	*
				28.66340	69.21600	85.00000	0.0	0.0	-0.010526	*
				29.41770	69.21600	85.00000	0.0	0.0	-0.010550	*
				30.17200	69.21600	85.00000	0.0	0.0	-0.010571	*
				30.92630	69.21600	85.00000	0.0	0.0	-0.010588	*
				31.68060	69.21600	85.00000	0.0	0.0	-0.010601	*
				32.43490	69.21600	85.00000	0.0	0.0	-0.010611	*
				33.18920	69.21600	85.00000	0.0	0.0	-0.010620	*
				33.94350	69.21600	85.00000	0.0	0.0	-0.010627	*
				34.69780	69.21600	85.00000	0.0	0.0	-0.010633	*
				35.45210	69.21600	85.00000	0.0	0.0	-0.010638	*
				36.20640	69.21600	85.00000	0.0	0.0	-0.010643	*
				36.96070	69.21600	85.00000	0.0	0.0	-0.010648	*
				37.71500	69.21600	85.00000	0.0	0.0	-0.010653	*
				38.46930	69.21600	85.00000	0.0	0.0	-0.010657	*
				39.22360	69.21600	85.00000	0.0	0.0	-0.010662	*
				39.97790	69.21600	85.00000	0.0	0.0	-0.010667	*
				40.73220	69.21600	85.00000	0.0	0.0	-0.010671	*
				41.48650	69.21600	85.00000	0.0	0.0	-0.010674	*
				42.24080	69.21600	85.00000	0.0	0.0	-0.010676	*
				42.99510	69.21600	85.00000	0.0	0.0	-0.010676	*
				43.74940	69.21600	85.00000	0.0	0.0	-0.010673	*
				44.50370	69.21600	85.00000	0.0	0.0	-0.010668	*
				45.25800	69.21600	85.00000	0.0	0.0	-0.010659	*
				46.01230	69.21600	85.00000	0.0	0.0	-0.010645	*
				46.76660	69.21600	85.00000	0.0	0.0	-0.010627	*
				47.52090	69.21600	85.00000	0.0	0.0	-0.010604	*
				48.27520	69.21600	85.00000	0.0	0.0	-0.010575	*
				49.02950	69.21600	85.00000	0.0	0.0	-0.010539	*
				49.78380	69.21600	85.00000	0.0	0.0	-0.010497	*
				50.53810	69.21600	85.00000	0.0	0.0	-0.010447	*
				51.29240	69.21600	85.00000	0.0	0.0	-0.010391	*
				52.04670	69.21600	85.00000	0.0	0.0	-0.010326	*
				52.80100	69.21600	85.00000	0.0	0.0	-0.010255	*
				53.55530	69.21600	85.00000	0.0	0.0	-0.010175	*
				54.30960	69.21600	85.00000	0.0	0.0	-0.010088	*
				55.06390	69.21600	85.00000	0.0	0.0	-0.0099939	*
				55.81820	69.21600	85.00000	0.0	0.0	-0.0098924	*
				56.57250	69.21600	85.00000	0.0	0.0	-0.0097840	*



Highgate Cemetery
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A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				75.43000	69.21600	85.00000	0.0	0.0	-0.0060381	*
				0.00000	69.93700	85.00000	0.0	0.0	-0.0057547	*
				0.75430	69.93700	85.00000	0.0	0.0	-0.0058970	*
				1.50860	69.93700	85.00000	0.0	0.0	-0.0060415	*
				2.26290	69.93700	85.00000	0.0	0.0	-0.0061881	*
				3.01720	69.93700	85.00000	0.0	0.0	-0.0063367	*
				3.77150	69.93700	85.00000	0.0	0.0	-0.0064871	*
				4.52580	69.93700	85.00000	0.0	0.0	-0.0066391	*
				5.28010	69.93700	85.00000	0.0	0.0	-0.0067925	*
				6.03440	69.93700	85.00000	0.0	0.0	-0.0069470	*
				6.78870	69.93700	85.00000	0.0	0.0	-0.0071024	*
				7.54300	69.93700	85.00000	0.0	0.0	-0.0072585	*
				8.29730	69.93700	85.00000	0.0	0.0	-0.0074148	*
				9.05160	69.93700	85.00000	0.0	0.0	-0.0075712	*
				9.80590	69.93700	85.00000	0.0	0.0	-0.0077272	*
				10.56020	69.93700	85.00000	0.0	0.0	-0.0078826	*
				11.31450	69.93700	85.00000	0.0	0.0	-0.0080368	*
				12.06880	69.93700	85.00000	0.0	0.0	-0.0081895	*
				12.82310	69.93700	85.00000	0.0	0.0	-0.0083404	*
				13.57740	69.93700	85.00000	0.0	0.0	-0.0084889	*
				14.33170	69.93700	85.00000	0.0	0.0	-0.0086347	*
				15.08600	69.93700	85.00000	0.0	0.0	-0.0087773	*
				15.84030	69.93700	85.00000	0.0	0.0	-0.0089163	*
				16.59460	69.93700	85.00000	0.0	0.0	-0.0090512	*
				17.34890	69.93700	85.00000	0.0	0.0	-0.0091817	*
				18.10320	69.93700	85.00000	0.0	0.0	-0.0093073	*
				18.85750	69.93700	85.00000	0.0	0.0	-0.0094277	*
				19.61180	69.93700	85.00000	0.0	0.0	-0.0095425	*
				20.36610	69.93700	85.00000	0.0	0.0	-0.0096514	*
				21.12040	69.93700	85.00000	0.0	0.0	-0.0097543	*
				21.87470	69.93700	85.00000	0.0	0.0	-0.0098508	*
				22.62900	69.93700	85.00000	0.0	0.0	-0.0099408	*
				23.38330	69.93700	85.00000	0.0	0.0	-0.010024	*
				24.13760	69.93700	85.00000	0.0	0.0	-0.010101	*
				24.89190	69.93700	85.00000	0.0	0.0	-0.010171	*
				25.64620	69.93700	85.00000	0.0	0.0	-0.010235	*
				26.40050	69.93700	85.00000	0.0	0.0	-0.010292	*
				27.15480	69.93700	85.00000	0.0	0.0	-0.010344	*
				27.90910	69.93700	85.00000	0.0	0.0	-0.010389	*
				28.66340	69.93700	85.00000	0.0	0.0	-0.010430	*
				29.41770	69.93700	85.00000	0.0	0.0	-0.010465	*
				30.17200	69.93700	85.00000	0.0	0.0	-0.010495	*
				30.92630	69.93700	85.00000	0.0	0.0	-0.010521	*
				31.68060	69.93700	85.00000	0.0	0.0	-0.010544	*
				32.43490	69.93700	85.00000	0.0	0.0	-0.010563	*
				33.18920	69.93700	85.00000	0.0	0.0	-0.010579	*
				33.94350	69.93700	85.00000	0.0	0.0	-0.010593	*
				34.69780	69.93700	85.00000	0.0	0.0	-0.010604	*
				35.45210	69.93700	85.00000	0.0	0.0	-0.010614	*
				36.20640	69.93700	85.00000	0.0	0.0	-0.010622	*
				36.96070	69.93700	85.00000	0.0	0.0	-0.010629	*
				37.71500	69.93700	85.00000	0.0	0.0	-0.010634	*
				38.46930	69.93700	85.00000	0.0	0.0	-0.010638	*
				39.22360	69.93700	85.00000	0.0	0.0	-0.010640	*
				39.97790	69.93700	85.00000	0.0	0.0	-0.010641	*
				40.73220	69.93700	85.00000	0.0	0.0	-0.010640	*
				41.48650	69.93700	85.00000	0.0	0.0	-0.010637	*
				42.24080	69.93700	85.00000	0.0	0.0	-0.010632	*
				42.99510	69.93700	85.00000	0.0	0.0	-0.010624	*
				43.74940	69.93700	85.00000	0.0	0.0	-0.010613	*
				44.50370	69.93700	85.00000	0.0	0.0	-0.010598	*
				45.25800	69.93700	85.00000	0.0	0.0	-0.010579	*
				46.01230	69.93700	85.00000	0.0	0.0	-0.010556	*
				46.76660	69.93700	85.00000	0.0	0.0	-0.010528	*
				47.52090	69.93700	85.00000	0.0	0.0	-0.010494	*
				48.27520	69.93700	85.00000	0.0	0.0	-0.010454	*
				49.02950	69.93700	85.00000	0.0	0.0	-0.010409	*
				49.78380	69.93700	85.00000	0.0	0.0	-0.010357	*
				50.53810	69.93700	85.00000	0.0	0.0	-0.010298	*
				51.29240	69.93700	85.00000	0.0	0.0	-0.010233	*
				52.04670	69.93700	85.00000	0.0	0.0	-0.010161	*
				52.80100	69.93700	85.00000	0.0	0.0	-0.010082	*
				53.55530	69.93700	85.00000	0.0	0.0	-0.0099963	*
				54.30960	69.93700	85.00000	0.0	0.0	-0.0099037	*
				55.06390	69.93700	85.00000	0.0	0.0	-0.0098046	*
				55.81820	69.93700	85.00000	0.0	0.0	-0.0096991	*
				56.57250	69.93700	85.00000	0.0	0.0	-0.0095875	*
				57.32680	69.93700	85.00000	0.0	0.0	-0.0094700	*
				58.08110	69.93700	85.00000	0.0	0.0	-0.0093471	*
				58.83540	69.93700	85.00000	0.0	0.0	-0.0092190	*
				59.58970	69.93700	85.00000	0.0	0.0	-0.0090862	*
				60.34400	69.93700	85.00000	0.0	0.0	-0.0089490	*
				61.09830	69.93700	85.00000	0.0	0.0	-0.0088080	*
				61.85260	69.93700	85.00000	0.0	0.0	-0.0086635	*
				62.60690	69.93700	85.00000	0.0	0.0	-0.0085160	*
				63.36120	69.93700	85.00000	0.0	0.0	-0.0083659	*
				64.11550	69.93700	85.00000	0.0	0.0	-0.0082137	*
				64.86980	69.93700	85.00000	0.0	0.0	-0.0080596	*
				65.62410	69.93700	85.00000	0.0	0.0	-0.0079043	*
				66.37840	69.93700	85.00000	0.0	0.0	-0.0077480	*
				67.13270	69.93700	85.00000	0.0	0.0	-0.0075911	*
				67.88700	69.93700	85.00000	0.0	0.0	-0.0074339	*
				68.64130	69.93700	85.00000	0.0	0.0	-0.0072769	*
				69.39560	69.93700	85.00000	0.0	0.0	-0.0071203	*
				70.14990	69.93700	85.00000	0.0	0.0	-0.0069644	*
				70.90420	69.93700	85.00000	0.0	0.0	-0.0068095	*
				71.65850	69.93700	85.00000	0.0	0.0	-0.0066557	*
				72.41280	69.93700	85.00000	0.0	0.0	-0.0065035	*
				73.16710	69.93700	85.00000	0.0	0.0	-0.0063528	*
				73.92140	69.93700	85.00000	0.0	0.0	-0.0062040	*
				74.67570	69.93700	85.00000	0.0	0.0	-0.0060572	*
				75.43000	69.93700	85.00000	0.0	0.0	-0.0059125	*
				0.00000	70.65800	85.00000	0.0	0.0	-0.0056356	*
				0.75430	70.65800	85.00000	0.0	0.0	-0.0055735	*
				1.50860	70.65800	85.00000	0.0	0.0	-0.0055136	*
				2.26290	70.65800	85.00000	0.0	0.0	-0.0054557	



Highgate Cemetery
B2

A-SQUARED STUDIO ENGINEERS LTD

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				21.12040	70.65800	85.00000	0.0	0.0	-0.0095618	*
				21.87470	70.65800	85.00000	0.0	0.0	-0.0096619	*
				22.62900	70.65800	85.00000	0.0	0.0	-0.0097563	*
				23.38330	70.65800	85.00000	0.0	0.0	-0.0098446	*
				24.13760	70.65800	85.00000	0.0	0.0	-0.0099270	*
				24.89190	70.65800	85.00000	0.0	0.0	-0.010003	*
				25.64620	70.65800	85.00000	0.0	0.0	-0.010074	*
				26.40050	70.65800	85.00000	0.0	0.0	-0.010138	*
				27.15480	70.65800	85.00000	0.0	0.0	-0.010197	*
				27.90910	70.65800	85.00000	0.0	0.0	-0.010250	*
				28.66340	70.65800	85.00000	0.0	0.0	-0.010298	*
				29.41770	70.65800	85.00000	0.0	0.0	-0.010340	*
				30.17200	70.65800	85.00000	0.0	0.0	-0.010378	*
				30.92630	70.65800	85.00000	0.0	0.0	-0.010412	*
				31.68060	70.65800	85.00000	0.0	0.0	-0.010441	*
				32.43490	70.65800	85.00000	0.0	0.0	-0.010467	*
				33.18920	70.65800	85.00000	0.0	0.0	-0.010489	*
				33.94350	70.65800	85.00000	0.0	0.0	-0.010507	*
				34.69780	70.65800	85.00000	0.0	0.0	-0.010523	*
				35.45210	70.65800	85.00000	0.0	0.0	-0.010536	*
				36.20640	70.65800	85.00000	0.0	0.0	-0.010546	*
				36.96070	70.65800	85.00000	0.0	0.0	-0.010554	*
				37.71500	70.65800	85.00000	0.0	0.0	-0.010560	*
				38.46930	70.65800	85.00000	0.0	0.0	-0.010563	*
				39.22360	70.65800	85.00000	0.0	0.0	-0.010564	*
				39.97790	70.65800	85.00000	0.0	0.0	-0.010562	*
				40.73220	70.65800	85.00000	0.0	0.0	-0.010557	*
				41.48650	70.65800	85.00000	0.0	0.0	-0.010550	*
				42.24080	70.65800	85.00000	0.0	0.0	-0.010539	*
				42.99510	70.65800	85.00000	0.0	0.0	-0.010525	*
				43.74940	70.65800	85.00000	0.0	0.0	-0.010507	*
				44.50370	70.65800	85.00000	0.0	0.0	-0.010485	*
				45.25800	70.65800	85.00000	0.0	0.0	-0.010459	*
				46.01230	70.65800	85.00000	0.0	0.0	-0.010428	*
				46.76660	70.65800	85.00000	0.0	0.0	-0.010392	*
				47.52090	70.65800	85.00000	0.0	0.0	-0.010350	*
				48.27520	70.65800	85.00000	0.0	0.0	-0.010303	*
				49.02950	70.65800	85.00000	0.0	0.0	-0.010250	*
				49.78380	70.65800	85.00000	0.0	0.0	-0.010191	*
				50.53810	70.65800	85.00000	0.0	0.0	-0.010126	*
				51.29240	70.65800	85.00000	0.0	0.0	-0.010055	*
				52.04670	70.65800	85.00000	0.0	0.0	-0.0099769	*
				52.80100	70.65800	85.00000	0.0	0.0	-0.0098929	*
				53.55530	70.65800	85.00000	0.0	0.0	-0.0098027	*
				54.30960	70.65800	85.00000	0.0	0.0	-0.0097064	*
				55.06390	70.65800	85.00000	0.0	0.0	-0.0096042	*
				55.81820	70.65800	85.00000	0.0	0.0	-0.0094962	*
				56.57250	70.65800	85.00000	0.0	0.0	-0.0093829	*
				57.32680	70.65800	85.00000	0.0	0.0	-0.0092643	*
				58.08110	70.65800	85.00000	0.0	0.0	-0.0091409	*
				58.83540	70.65800	85.00000	0.0	0.0	-0.0090130	*
				59.58970	70.65800	85.00000	0.0	0.0	-0.0088809	*
				60.34400	70.65800	85.00000	0.0	0.0	-0.0087450	*
				61.09830	70.65800	85.00000	0.0	0.0	-0.0086058	*
				61.85260	70.65800	85.00000	0.0	0.0	-0.0084635	*
				62.60690	70.65800	85.00000	0.0	0.0	-0.0083186	*
				63.36120	70.65800	85.00000	0.0	0.0	-0.0081715	*
				64.11550	70.65800	85.00000	0.0	0.0	-0.0080226	*
				64.86980	70.65800	85.00000	0.0	0.0	-0.0078722	*
				65.62410	70.65800	85.00000	0.0	0.0	-0.0077208	*
				66.37840	70.65800	85.00000	0.0	0.0	-0.0075685	*
				67.13270	70.65800	85.00000	0.0	0.0	-0.0074159	*
				67.88700	70.65800	85.00000	0.0	0.0	-0.0072632	*
				68.64130	70.65800	85.00000	0.0	0.0	-0.0071107	*
				69.39560	70.65800	85.00000	0.0	0.0	-0.0069588	*
				70.14990	70.65800	85.00000	0.0	0.0	-0.0068075	*
				70.90420	70.65800	85.00000	0.0	0.0	-0.0066573	*
				71.65850	70.65800	85.00000	0.0	0.0	-0.0065083	*
				72.41280	70.65800	85.00000	0.0	0.0	-0.0063607	*
				73.16710	70.65800	85.00000	0.0	0.0	-0.0062148	*
				73.92140	70.65800	85.00000	0.0	0.0	-0.0060706	*
				74.67570	70.65800	85.00000	0.0	0.0	-0.0059283	*
				75.43000	70.65800	85.00000	0.0	0.0	-0.0057881	*
				0.00000	71.37900	85.00000	0.0	0.0	-0.0055178	*
				0.75430	71.37900	85.00000	0.0	0.0	-0.0056514	*
				1.50860	71.37900	85.00000	0.0	0.0	-0.0057871	*
				2.26290	71.37900	85.00000	0.0	0.0	-0.0059247	*
				3.01720	71.37900	85.00000	0.0	0.0	-0.0060642	*
				3.77150	71.37900	85.00000	0.0	0.0	-0.0062054	*
				4.52580	71.37900	85.00000	0.0	0.0	-0.0063482	*
				5.28010	71.37900	85.00000	0.0	0.0	-0.0064923	*
				6.03440	71.37900	85.00000	0.0	0.0	-0.0066375	*
				6.78870	71.37900	85.00000	0.0	0.0	-0.0067838	*
				7.54300	71.37900	85.00000	0.0	0.0	-0.0069308	*
				8.29730	71.37900	85.00000	0.0	0.0	-0.0070782	*
				9.05160	71.37900	85.00000	0.0	0.0	-0.0072260	*
				9.80590	71.37900	85.00000	0.0	0.0	-0.0073736	*
				10.56020	71.37900	85.00000	0.0	0.0	-0.0075209	*
				11.31450	71.37900	85.00000	0.0	0.0	-0.0076676	*
				12.06880	71.37900	85.00000	0.0	0.0	-0.0078132	*
				12.82310	71.37900	85.00000	0.0	0.0	-0.0079576	*
				13.57740	71.37900	85.00000	0.0	0.0	-0.0081003	*
				14.33170	71.37900	85.00000	0.0	0.0	-0.0082410	*
				15.08600	71.37900	85.00000	0.0	0.0	-0.0083793	*
				15.84030	71.37900	85.00000	0.0	0.0	-0.0085149	*
				16.59460	71.37900	85.00000	0.0	0.0	-0.0086474	*
				17.34890	71.37900	85.00000	0.0	0.0	-0.0087765	*
				18.10320	71.37900	85.00000	0.0	0.0	-0.0089019	*
				18.85750	71.37900	85.00000	0.0	0.0	-0.0090231	*
				19.61180	71.37900	85.00000	0.0	0.0	-0.0091400	*
				20.36610	71.37900	85.00000	0.0	0.0	-0.0092523	*
				21.12040	71.37900	85.00000	0.0	0.0	-0.0093597	*
				21.87470	71.37900	85.00000	0.0	0.0	-0.0094620	*
				22.62900	71.37900	85.00000	0.0	0.0	-0.0095590	*
				23.38330	71.37900	85.00000	0.0	0.0	-0.0096505	*
				24.13760	71.37900	85.00000	0.0	0.0	-0.00973	

Oasys Highgate Cemetery B2 A-SQUARED STUDIO ENGINEERS LTD										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES		Date 01-Nov-2024		Checked Date	
Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz						
				[m]	[m]	[m]	[mm]	[mm]	[mm]						
				42.99510	71.37900	85.00000	0.0	0.0	-0.010388	*					
				43.74940	71.37900	85.00000	0.0	0.0	-0.010366	*					
				44.50370	71.37900	85.00000	0.0	0.0	-0.010338	*					
				45.25800	71.37900	85.00000	0.0	0.0	-0.010306	*					
				46.01230	71.37900	85.00000	0.0	0.0	-0.010270	*					
				46.76660	71.37900	85.00000	0.0	0.0	-0.010228	*					
				47.52090	71.37900	85.00000	0.0	0.0	-0.010180	*					
				48.27520	71.37900	85.00000	0.0	0.0	-0.010128	*					
				49.02950	71.37900	85.00000	0.0	0.0	-0.010069	*					
				49.78380	71.37900	85.00000	0.0	0.0	-0.010005	*					
				50.53810	71.37900	85.00000	0.0	0.0	-0.0099353	*					
				51.29240	71.37900	85.00000	0.0	0.0	-0.0098596	*					
				52.04670	71.37900	85.00000	0.0	0.0	-0.0097781	*					
				52.80100	71.37900	85.00000	0.0	0.0	-0.0096907	*					
				53.55530	71.37900	85.00000	0.0	0.0	-0.0095977	*					
				54.30960	71.37900	85.00000	0.0	0.0	-0.0094992	*					
				55.06390	71.37900	85.00000	0.0	0.0	-0.0093953	*					
				55.81820	71.37900	85.00000	0.0	0.0	-0.0092862	*					
				56.57250	71.37900	85.00000	0.0	0.0	-0.0091723	*					
				57.32680	71.37900	85.00000	0.0	0.0	-0.0090537	*					
				58.08110	71.37900	85.00000	0.0	0.0	-0.0089308	*					
				58.83540	71.37900	85.00000	0.0	0.0	-0.0088039	*					
				59.58970	71.37900	85.00000	0.0	0.0	-0.0086733	*					
				60.34400	71.37900	85.00000	0.0	0.0	-0.0085394	*					
				61.09830	71.37900	85.00000	0.0	0.0	-0.0084025	*					
				61.85260	71.37900	85.00000	0.0	0.0	-0.0082630	*					
				62.60690	71.37900	85.00000	0.0	0.0	-0.0081212	*					
				63.36120	71.37900	85.00000	0.0	0.0	-0.0079775	*					
				64.11550	71.37900	85.00000	0.0	0.0	-0.0078322	*					
				64.86980	71.37900	85.00000	0.0	0.0	-0.0076857	*					
				65.62410	71.37900	85.00000	0.0	0.0	-0.0075383	*					
				66.37840	71.37900	85.00000	0.0	0.0	-0.0073904	*					
				67.13270	71.37900	85.00000	0.0	0.0	-0.0072422	*					
				67.88700	71.37900	85.00000	0.0	0.0	-0.0070940	*					
				68.64130	71.37900	85.00000	0.0	0.0	-0.0069461	*					
				69.39560	71.37900	85.00000	0.0	0.0	-0.0067988	*					
				70.14990	71.37900	85.00000	0.0	0.0	-0.0066523	*					
				70.90420	71.37900	85.00000	0.0	0.0	-0.0065067	*					
				71.65850	71.37900	85.00000	0.0	0.0	-0.0063624	*					
				72.41280	71.37900	85.00000	0.0	0.0	-0.0062195	*					
				73.16710	71.37900	85.00000	0.0	0.0	-0.0060782	*					
				73.92140	71.37900	85.00000	0.0	0.0	-0.0059386	*					
				74.67570	71.37900	85.00000	0.0	0.0	-0.0058009	*					
				75.43000	71.37900	85.00000	0.0	0.0	-0.0056651	*					
				0.00000	72.10000	85.00000	0.0	0.0	-0.0054014	*					
				0.75430	72.10000	85.00000	0.0	0.0	-0.0053507	*					
				1.50860	72.10000	85.00000	0.0	0.0	-0.0056621	*					
				2.26290	72.10000	85.00000	0.0	0.0	-0.0057953	*					
				3.01720	72.10000	85.00000	0.0	0.0	-0.0059303	*					
				3.77150	72.10000	85.00000	0.0	0.0	-0.0060669	*					
				4.52580	72.10000	85.00000	0.0	0.0	-0.0062051	*					
				5.28010	72.10000	85.00000	0.0	0.0	-0.0063446	*					
				6.03440	72.10000	85.00000	0.0	0.0	-0.0064853	*					
				6.78870	72.10000	85.00000	0.0	0.0	-0.0066269	*					
				7.54300	72.10000	85.00000	0.0	0.0	-0.0067693	*					
				8.29730	72.10000	85.00000	0.0	0.0	-0.0069122	*					
				9.05160	72.10000	85.00000	0.0	0.0	-0.0070555	*					
				9.80590	72.10000	85.00000	0.0	0.0	-0.0071988	*					
				10.56020	72.10000	85.00000	0.0	0.0	-0.0073418	*					
				11.31450	72.10000	85.00000	0.0	0.0	-0.0074844	*					
				12.06880	72.10000	85.00000	0.0	0.0	-0.0076262	*					
				12.82310	72.10000	85.00000	0.0	0.0	-0.0077668	*					
				13.57740	72.10000	85.00000	0.0	0.0	-0.0079060	*					
				14.33170	72.10000	85.00000	0.0	0.0	-0.0080435	*					
				15.08600	72.10000	85.00000	0.0	0.0	-0.0081790	*					
				15.84030	72.10000	85.00000	0.0	0.0	-0.0083120	*					
				16.59460	72.10000	85.00000	0.0	0.0	-0.0084423	*					
				17.34890	72.10000	85.00000	0.0	0.0	-0.0085696	*					
				18.10320	72.10000	85.00000	0.0	0.0	-0.0086936	*					
				18.85750	72.10000	85.00000	0.0	0.0	-0.0088139	*					
				19.61180	72.10000	85.00000	0.0	0.0	-0.0089303	*					
				20.36610	72.10000	85.00000	0.0	0.0	-0.0090426	*					
				21.12040	72.10000	85.00000	0.0	0.0	-0.0091504	*					
				21.87470	72.10000	85.00000	0.0	0.0	-0.0092536	*					
				22.62900	72.10000	85.00000	0.0	0.0	-0.0093520	*					
				23.38330	72.10000	85.00000	0.0	0.0	-0.0094454	*					
				24.13760	72.10000	85.00000	0.0	0.0	-0.0095337	*					
				24.89190	72.10000	85.00000	0.0	0.0	-0.0096169	*					
				25.64620	72.10000	85.00000	0.0	0.0	-0.0096948	*					
				26.40050	72.10000	85.00000	0.0	0.0	-0.0097675	*					
				27.15480	72.10000	85.00000	0.0	0.0	-0.0098350	*					
				27.90910	72.10000	85.00000	0.0	0.0	-0.0098973	*					
				28.66340	72.10000	85.00000	0.0	0.0	-0.0099545	*					
				29.41770	72.10000	85.00000	0.0	0.0	-0.010007	*					
				30.17200	72.10000	85.00000	0.0	0.0	-0.010054	*					
				30.92630	72.10000	85.00000	0.0	0.0	-0.010097	*					
				31.68060	72.10000	85.00000	0.0	0.0	-0.010135	*					
				32.43490	72.10000	85.00000	0.0	0.0	-0.010168	*					
				33.18920	72.10000	85.00000	0.0	0.0	-0.010198	*					
				33.94350	72.10000	85.00000	0.0	0.0	-0.010223	*					
				34.69780	72.10000	85.00000	0.0	0.0	-0.010244	*					
				35.45210	72.10000	85.00000	0.0	0.0	-0.010261	*					
				36.20640	72.10000	85.00000	0.0	0.0	-0.010274	*					
				36.96070	72.10000	85.00000	0.0	0.0	-0.010284	*					
				37.71500	72.10000	85.00000	0.0	0.0	-0.010290	*					
				38.46930	72.10000	85.00000	0.0	0.0	-0.010292	*					
				39.22360	72.10000	85.00000	0.0	0.0	-0.010290	*					
				39.97790	72.10000	85.00000	0.0	0.0	-0.010285	*					
				40.73220	72.10000	85.00000	0.0	0.0	-0.010275	*					
				41.48650	72.10000	85.00000	0.0	0.0	-0.010262	*					
				42.24080	72.10000	85.00000	0.0	0.0	-0.010244	*					
				42.99510	72.10000	85.00000	0.0	0.0	-0.010222	*					
				43.74940	72.10000	85.00000	0.0	0.0	-0.010195	*					
				44.50370	72.10000	85.00000	0.0	0.0	-0.010164	*					
				45.25800	72.10000	85.00000	0.0	0.0	-0.010128	*					
				46.01230	72.10000	85.00000	0.0	0.0	-0.010087	*					
				46.76660	72.10000	85.00000	0.0	0.0	-0.010041	*					
				47.52090	72.10000	85.00000	0.0	0.0	-0.0099898	*					
				48.27520	72.10000	85.00000	0.0	0.0	-0.0099331	*					
				49.02950	72.10000	85.00000	0.0	0.0	-0.0098711	*					
				49.78380	72.10000	85.00000	0.0	0.0	-0.0098035	*					
				50.53810	72.10000	85.00000	0.0	0.0	-0.0097305	*					
				51.29240	72.10000	85.00000	0.0	0.0	-0.0096520	*					
				52.04670	72.10000	85.00000	0.0	0.0	-0.0095681	*					
				52.80100	72.10000	85.00000	0.0	0.0	-0.0094788	*					
				53.55530	72.10000	85.00000	0.0	0.0	-0.0093843	*					
				54.30960	72.10000	85.00000	0.0	0.0	-0.0092848	*					
				55.06390	72.10000	85.00000	0.0	0.0	-0.0091803	*					
				55.81820	72.10000	85.00000	0.0	0.0	-0.0090712	*					
				56.57250	72.10000	85.00000	0.0	0.0	-0.0089577	*					
				57.32680	72.10000	85.00000	0.0	0.0	-0.0088399	*					
				58.08110	72.10000	85.00000	0.0	0.0	-0.0087183	*					
				58.83540	72.10000	85.00000	0.0	0.0	-0.0085931	*					
				59.58970	72.10000	85.00000	0.0	0.0	-0.0084647	*					
				60.34400	72.10000	85.00000	0.0	0.0	-0.0083332	*					
				61.09830	72.10000	85.00000	0.0	0.0	-0.0081991	*					
				61.85260	72.10000	85.00000	0.0	0.0	-0.0080627	*					
				62.60690	72.10000	85.00000	0.0	0.0	-0.0079244	*					
				63.36120	72.10000	85.00000	0.0	0.0	-0.0077843	*					
				64.11550	72.10000	85.00000	0.0	0.0	-0.0076430	*					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz	
				[m]	[m]	[m]	[mm]	[mm]	[mm]	
				64.86980	72.10000	85.00000	0.0	0.0	-0.0075006	*
				65.62410	72.10000	85.00000	0.0	0.0	-0.0073574	*
				66.37840	72.10000	85.00000	0.0	0.0	-0.0072139	*
				67.13270	72.10000	85.00000	0.0	0.0	-0.0070702	*
				67.88700	72.10000	85.00000	0.0	0.0	-0.0069266	*
				68.64130	72.10000	85.00000	0.0	0.0	-0.0067833	*
				69.39560	72.10000	85.00000	0.0	0.0	-0.0066407	*
				70.14990	72.10000	85.00000	0.0	0.0	-0.0064988	*
				70.90420	72.10000	85.00000	0.0	0.0	-0.0063580	*
				71.65850	72.10000	85.00000	0.0	0.0	-0.0062183	*
				72.41280	72.10000	85.00000	0.0	0.0	-0.0060801	*
				73.16710	72.10000	85.00000	0.0	0.0	-0.0059433	*
				73.92140	72.10000	85.00000	0.0	0.0	-0.0058083	*
				74.67570	72.10000	85.00000	0.0	0.0	-0.0056750	*
				75.43000	72.10000	85.00000	0.0	0.0	-0.0055436	*

* Result includes imported displacement(s).

Specific Building Damage Results - Horizontal Displacements

Stage:	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy	δR//	δRperp.
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
0	Base Model	1	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	0.0	54.90000	46.85000	85.00000	-1.8193	-1.3138	-1.4822	-1.6849
					0.51052	55.39778	46.73667	85.00000	-1.7183	-1.1628	-1.4173	-1.5153
					1.0210	55.89556	46.62333	85.00000	-1.6100	-1.0218	-1.3430	-1.3537
					1.5315	56.39333	46.51000	85.00000	-1.4947	-0.89029	-1.2598	-1.1999
					2.0421	56.89111	46.39667	85.00000	-1.3755	-0.76940	-1.1704	-1.0556
					2.5526	57.38889	46.28333	85.00000	-1.2585	-0.66193	-1.0802	-0.92480
					3.0631	57.88667	46.17000	85.00000	-1.1331	-0.56124	-0.98024	-0.79878
					3.5736	58.38444	46.05667	85.00000	-0.99974	-0.46697	-0.87113	-0.67725
					4.0841	58.88222	45.94333	85.00000	-0.85887	-0.37878	-0.75335	-0.55999
					4.5946	59.38000	45.83000	85.00000	-0.71090	-0.29632	-0.62738	-0.44674
		2	Mausoleum of Lord Dalziel of Wooler	Mau.1.2	0.0	59.38000	45.83000	85.00000	-0.71090	-0.29632	-0.45806	0.61916
					0.49235	59.49800	46.30800	85.00000	-0.58133	-0.25958	-0.39134	0.50218
					0.98470	59.61600	46.78600	85.00000	-0.45306	-0.21576	-0.31806	0.38814
					1.4770	59.73400	47.26400	85.00000	-0.32614	-0.16501	-0.23837	0.27709
					1.9694	59.85200	47.74200	85.00000	-0.19942	-0.10683	-0.15152	0.16801
					2.4617	59.97000	48.22000	85.00000	-0.12227	-0.069254	-0.096539	0.10210
					2.9541	60.08800	48.69800	85.00000	-0.047002	-0.028051	-0.038498	0.038909
					3.4464	60.20600	49.17600	85.00000	0.0	0.0	0.0	0.0
					3.9388	60.32400	49.65400	85.00000	0.0	0.0	0.0	0.0
					4.4311	60.44200	50.13200	85.00000	0.0	0.0	0.0	0.0
					4.9235	60.56000	50.61000	85.00000	0.0	0.0	0.0	0.0
		3	Mausoleum of Lord Dalziel of Wooler	Mau.1.3	0.0	60.56000	50.61000	85.00000	0.0	0.0	0.0	0.0
					0.50259	60.07222	50.73111	85.00000	0.0	0.0	0.0	0.0
					1.0052	59.58444	50.85222	85.00000	0.0	0.0	0.0	0.0
					1.5078	59.09667	50.97333	85.00000	0.0	0.0	0.0	0.0
					2.0104	58.60889	51.09444	85.00000	-0.011569	-0.0098466	0.0088549	0.012344
					2.5129	58.12111	51.21556	85.00000	-0.071848	-0.063983	0.054313	0.079411
					3.0155	57.63333	51.33667	85.00000	-0.12920	-0.12040	0.096379	0.14799
					3.5181	57.14556	51.45778	85.00000	-0.18787	-0.18315	0.13820	0.22303
					4.0207	56.65778	51.57889	85.00000	-0.27079	-0.27572	0.19637	0.33285
					4.5233	56.17000	51.70000	85.00000	-0.34825	-0.37098	0.24859	0.44397
		4	Mausoleum of Lord Dalziel of Wooler	Mau.1.4	0.0	56.17000	51.70000	85.00000	-0.34825	-0.37098	0.44710	-0.24292
					0.50135	56.04300	51.21500	85.00000	-0.48733	-0.50460	0.61159	-0.34362
					1.0027	55.91600	50.73000	85.00000	-0.62780	-0.63091	0.76936	-0.44750
					1.5041	55.78900	50.24500	85.00000	-0.76979	-0.74947	0.92002	-0.55483
					2.0054	55.66200	49.76000	85.00000	-0.91347	-0.85979	1.0631	-0.66588
					2.5068	55.53500	49.27500	85.00000	-1.0590	-0.96132	1.1982	-0.78093
					3.0081	55.40800	48.79000	85.00000	-1.2065	-1.0535	1.3247	-0.90030
					3.5095	55.28100	48.30500	85.00000	-1.3562	-1.1355	1.4420	-1.0243
					4.0108	55.15400	47.82000	85.00000	-1.5081	-1.2068	1.5495	-1.1532
					4.5122	55.02700	47.33500	85.00000	-1.6624	-1.2665	1.6464	-1.2874
		5	Small Ticket Kiosk	STK.1.1	0.0	54.90000	46.85000	85.00000	-1.8193	-1.3138	1.7318	-1.4271
					0.0	35.76000	61.70000	85.00000	0.0	0.0	0.0	0.0
					0.51305	36.26875	61.63375	85.00000	0.0	0.0	0.0	0.0
					1.0261	36.77750	61.56750	85.00000	0.0	0.0	0.0	0.0
					1.5391	37.28625	61.50125	85.00000	0.0	0.0	0.0	0.0
					2.0522	37.79500	61.43500	85.00000	0.0	0.0	0.0	0.0
					2.5652	38.30375	61.36875	85.00000	0.0	0.0	0.0	0.0
					3.0783	38.81250	61.30250	85.00000	0.0	0.0	0.0	0.0
					3.5913	39.32125	61.23625	85.00000	0.0	0.0	0.0	0.0
					4.1044	39.83000	61.17000	85.00000	0.0	0.0	0.0	0.0
		6	Small Ticket Kiosk	STK.1.2	0.0	39.83000	61.17000	85.00000	0.0	0.0	0.0	0.0
					0.45872	39.77167	60.71500	85.00000	0.0	0.0	0.0	0.0
					0.91745	39.71333	60.26000	85.00000	-0.0015653	-0.066753	0.066411	0.0069361
					1.3762	39.65500	59.80500	85.00000	-0.0052938	-0.22577	0.22461	0.023458
					1.8349	39.59667	59.35000	85.00000	-0.0099473	-0.42422	0.42204	0.044079
					2.2936	39.53833	58.89500	85.00000	-0.015588	-0.66480	0.66139	0.069077
					2.7523	39.48000	58.44000	85.00000	-0.021249	-0.90620	0.90155	0.094160
					0.0	39.48000	58.44000	85.00000	-0.021249	-0.90620	-0.093769	0.30159
		7	Small Ticket Kiosk	STK.1.3	0.0	39.48000	58.44000	85.00000	-0.021249	-0.90620	-0.093769	0.30159
					0.51289	38.97125	58.50500	85.00000	-0.020907	-0.89162	-0.092260	0.88708
					1.0258	38.46250	58.57000	85.00000	-0.020548	-0.87632	-0.090677	0.87186
					1.5387	37.95375	58.63500	85.00000	-0.020173	-0.86030	-0.089020	0.85592
					2.0515	37.44500	58.70000	85.00000	-0.019481	-0.83081	-0.085968	0.82658
					2.5644	36.93625	58.76500	85.00000	-0.018304	-0.78062	-0.080774	0.77664
					3.0773	36.42750	58.83000	85.00000	-0.017157	-0.73171	-0.075714	0.72739
					3.5902	35.91875	58.89500	85.00000	-0.016041	-0.68410	-0.070787	0.68601
					4.1031	35.41000	58.96000	85.00000	-0.014954	-0.63776	-0.065992	0.63452
					0.0	35.41000	58.96000	85.00000	-0.014954	-0.63776	-0.63452	-0.065976
					0.46038	35.46833	59.41667	85.00000	-0.0096340	-0.41086	-0.40877	-0.042503
					0.92075	35.52667	59.87333	85.00000	-0.0051462	-0.21947	-0.21835	-0.022704
					1.3811	35.58500	60.33000	85.00000	-0.0016698	-0.071213	-0.070851	-0.0073669
					1.8415	35.64333	60.78667	85.00000	0.0	0.0	0.0	0.0
					2.3019	35.70167	61.24333	85.00000	0.0	0.0	0.0	0.0
					2.7623	35.76000	61.70000	85.00000	0.0	0.0	0.0	0.0
		9	Mauselsum 2	Mau.2.1	0.0	50.12000	72.10000	85.00000	0.0	0.0	0.0	0.0
					0.47482	50.05250	71.63000	85.00000	0.0	0.0	0.0	0.0
					0.94964	49.98500	71.16000	85.00000	0.0	0.0	0.0	0.0
					1.4245	49.91750	70.69000	85.00000	0.0	0.0	0.0	0.0
					1.8993	49.85000	70.22000	85.00000	0.0	0.0	0.0	0.0
					2.3741	49.78250	69.75000	85.00000	0.0	0.0	0.0	0.0
					2.8489	49.71500	69.28000	85.00000	0.0	0.0	0.0	0.0
					3.3238	49.64750	68.81000	85.00000	0.0	0.0	0.0	0.0
					3.7986	49.58000	68.34000	85.00000	0.0	0.0	0.0	0.0
		10	Mauselsum 2	Mau.2.2	0.0	49.58000	68.34000	85.00000	0.0	0.0	0.0	0.0
					0.51916	49.06286	68.38571	85.00000	0.0	0.0	0.0	0.0
					1.0383	48.54571	68.43143	85.00000	0.0	0.0	0.0	0.0
					1.5575	48.02857	68.47714	85.00000	0.0	0.0	0.0	0.0
					2.0766	47.51143	68.52286	85.00000	0.0	0.0	0.0	0.0
					2.5958	46.99429	68.56857	85.00000	0.0	0.0	0.0	0.0
					3.1150	46.47714	68.61429	85.00000	0.0	0.0	0.0	0.0
					3.6341	45.96000	68.66000	85.00000	0.0	0.0	0.0	0.0
		11	Mauselsum 2	Mau.2.3	0.0	45.96000	68.66000	85.00000	0.0	0.0	0.0	0.0
					0.49562	46.02429	69.15143	85.00000	0.0	0.0	0.0	0.0
					0.99123	46.08857	69.64286	85.00000	0.0	0.0	0.0	0.0
					1.4868	46.15286	70.13429	85.00000	0.0	0.0	0.0	0.0
					1.9825	46.21714	70.62571	85.00000	0.0	0.0	0.0	0.0
					2.4781	46.28143	71.11714	85.00000	0.0	0.0	0.0	0.0
					2.9737	46.34571	71.60857	85.00000	0.0	0.0	0.0	0.0
					3.4693	46.41000	72.10000	85.00000	0.0	0.0	0.0	0.0
		12	Mauselsum 3	Mau.3.1	0.0	39.34000	72.10000	85.00000	0.0	0.0	0.0	0.0
					0.518							



A-SQUARED STUDIO
ENGINEERS LTD

Highgate Cemetery
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Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy	δR//	δPerp.
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
						0.47154	38.41600	69.62400	85.00000	0.0	0.0	0.0
						0.94308	37.95200	69.71800	85.00000	0.0	0.0	0.0
						1.4146	37.48800	69.80200	85.00000	0.0	0.0	0.0
						1.8862	37.02400	69.88600	85.00000	0.0	0.0	0.0
						2.3577	36.56000	69.97000	85.00000	0.0	0.0	0.0
						4.900	36.56000	69.97000	85.00000	0.0	0.0	0.0
		14	Mausolium 3	Mau.3.3		0.53848	36.64000	70.50250	85.00000	0.0	0.0	0.0
						1.0770	36.72000	71.03500	85.00000	0.0	0.0	0.0
						1.6154	36.80000	71.56750	85.00000	0.0	0.0	0.0
						2.1539	36.88000	72.10000	85.00000	0.0	0.0	0.0
						7.400	15.73000	72.10000	85.00000	0.0	0.0	0.0
		15	Highgate Chapel	HGC.1		0.49590	15.69700	71.60520	85.00000	0.0	0.0	0.0
						0.99180	15.66400	71.11040	85.00000	0.0	0.0	0.0
						1.4877	15.63100	70.61560	85.00000	0.0	0.0	0.0
						1.9836	15.59800	70.12080	85.00000	0.0	0.0	0.0
						2.4795	15.56500	69.62600	85.00000	0.0	0.0	0.0
						2.9754	15.53200	69.13120	85.00000	0.0	0.0	0.0
						3.4713	15.49900	68.63640	85.00000	0.0	0.0	0.0
						3.9672	15.46600	68.14160	85.00000	0.0	0.0	0.0
						4.4631	15.43300	67.64680	85.00000	0.0	0.0	0.0
						4.9590	15.40000	67.15200	85.00000	0.0	0.0	0.0
						5.4549	15.36700	66.65720	85.00000	0.0	0.0	0.0
						5.9508	15.33400	66.16240	85.00000	0.0	0.0	0.0
						6.4467	15.30100	65.66760	85.00000	0.0	0.0	0.0
						6.9426	15.26800	65.17280	85.00000	0.0	0.0	0.0
						7.4385	15.23500	64.67800	85.00000	0.0	0.0	0.0
						7.9344	15.20200	64.18320	85.00000	0.0	0.0	0.0
						8.4303	15.16900	63.68840	85.00000	0.0	0.0	0.0
						8.9262	15.13600	63.19360	85.00000	0.0	0.0	0.0
						9.4221	15.10300	62.69880	85.00000	0.0	0.0	0.0
						9.9180	15.07000	62.20400	85.00000	0.0	0.0	0.0
						10.414	15.03700	61.70920	85.00000	0.0	0.0	0.0
						10.910	15.00400	61.21440	85.00000	0.0	0.0	0.0
						11.406	14.97100	60.71960	85.00000	0.0	0.0	0.0
						11.902	14.93800	60.22480	85.00000	0.0	0.0	0.0
						12.397	14.90500	59.73000	85.00000	0.0	0.0	0.0
						12.893	14.87200	59.23520	85.00000	0.0	0.0	0.0
						13.389	14.83900	58.74040	85.00000	0.0	0.0	0.0
						13.885	14.80600	58.24560	85.00000	0.0	0.0	0.0
						14.381	14.77300	57.75080	85.00000	0.0	0.0	0.0
						14.877	14.74000	57.25600	85.00000	0.0	0.0	0.0
						15.373	14.70700	56.76120	85.00000	0.0	0.0	0.0
						15.869	14.67400	56.26640	85.00000	0.0	0.0	0.0
						16.365	14.64100	55.77160	85.00000	0.0	0.0	0.0
						16.861	14.60800	55.27680	85.00000	0.0	0.0	0.0
						17.356	14.57500	54.78200	85.00000	0.0	0.0	0.0
						17.852	14.54200	54.28720	85.00000	0.0	0.0	0.0
						18.348	14.50900	53.79240	85.00000	0.0	0.0	0.0
						18.844	14.47600	53.29760	85.00000	0.0	0.0	0.0
						19.340	14.44300	52.80280	85.00000	0.0	0.0	0.0
						19.836	14.41000	52.30800	85.00000	0.0	0.0	0.0
						20.332	14.37700	51.81320	85.00000	0.0	0.0	0.0
						20.828	14.34400	51.31840	85.00000	0.0	0.0	0.0
						21.324	14.31100	50.82360	85.00000	0.0	0.0	0.0
						21.820	14.27800	50.32880	85.00000	0.0	0.0	0.0
						22.315	14.24500	49.83400	85.00000	0.0	0.0	0.0
						22.811	14.21200	49.33920	85.00000	0.0	0.0	0.0
						23.307	14.17900	48.84440	85.00000	0.0	0.0	0.0
						23.803	14.14600	48.34960	85.00000	0.0	0.0	0.0
						24.299	14.11300	47.85480	85.00000	0.0	0.0	0.0
						24.795	14.08000	47.36000	85.00000	0.0	0.0	0.0
						0.0	14.08000	47.36000	85.00000	0.0	0.0	0.0
		16	Highgate Chapel	HGC.2		0.50652	13.57462	47.39385	85.00000	0.0	0.0	0.0
						1.0130	13.06923	47.42769	85.00000	0.0	0.0	0.0
						1.5196	12.56385	47.46154	85.00000	0.0	0.0	0.0
						2.0261	12.05846	47.49538	85.00000	0.0	0.0	0.0
						2.5326	11.55308	47.52923	85.00000	0.0	0.0	0.0
						3.0391	11.04769	47.56308	85.00000	0.0	0.0	0.0
						3.5456	10.54231	47.59692	85.00000	0.0	0.0	0.0
						4.0521	10.03692	47.63077	85.00000	0.0	0.0	0.0
						4.5587	9.53154	47.66462	85.00000	0.0	0.0	0.0
						5.0652	9.02615	47.69846	85.00000	0.0	0.0	0.0
						5.5717	8.52077	47.73231	85.00000	0.0	0.0	0.0
						6.0782	8.01538	47.76615	85.00000	0.0	0.0	0.0
						6.5847	7.51000	47.80000	85.00000	0.0	0.0	0.0
						0.0	7.51000	47.80000	85.00000	0.0	0.0	0.0
		17	Highgate Chapel	HGC.3		0.49831	7.55878	48.29592	85.00000	0.0	0.0	0.0
						0.99662	7.60755	48.79184	85.00000	0.0	0.0	0.0
						1.4949	7.65633	49.28776	85.00000	0.0	0.0	0.0
						1.9932	7.70510	49.78367	85.00000	0.0	0.0	0.0
						2.4916	7.75388	50.27959	85.00000	0.0	0.0	0.0
						2.9899	7.80265	50.77551	85.00000	0.0	0.0	0.0
						3.4882	7.85143	51.27143	85.00000	0.0	0.0	0.0
						3.9865	7.90020	51.76735	85.00000	0.0	0.0	0.0
						4.4848	7.94898	52.26327	85.00000	0.0	0.0	0.0
						4.9831	7.99776	52.75918	85.00000	0.0	0.0	0.0
						5.4814	8.04653	53.25510	85.00000	0.0	0.0	0.0
						5.9797	8.09531	53.75102	85.00000	0.0	0.0	0.0
						6.4780	8.14408	54.24694	85.00000	0.0	0.0	0.0
						6.9764	8.19286	54.74286	85.00000	0.0	0.0	0.0
						7.4747	8.24163	55.23878	85.00000	0.0	0.0	0.0
						7.9730	8.29041	55.73469	85.00000	0.0	0.0	0.0
						8.4713	8.33918	56.23061	85.00000	0.0	0.0	0.0
						8.9696	8.38796	56.72653	85.00000	0.0	0.0	0.0
						9.4679	8.43673	57.22245	85.00000	0.0	0.0	0.0
						9.9662	8.48551	57.71837	85.00000	0.0	0.0	0.0
						10.465	8.53429	58.21429	85.00000	0.0	0.0	0.0
						10.963	8.58306	58.71020	85.00000	0.0	0.0	0.0
						11.461	8.63184	59.20612	85.00000	0.0	0.0	0.0
						11.959	8.68061	59.70204	85.00000	0.0	0.0	0.0
						12.458	8.72939	60.19796	85.00000	0.0	0.0	0.0
						12.956	8.77816	60.69388	85.00000	0.0	0.0	0.0
						13.454	8.82694	61.18980	85.00000	0.0	0.0	0.0
						13.953	8.87571	61.68571	85.00000	0.0	0.0	0.0
						14.451	8.92449	62.18163	85.00000	0.0	0.0	0.0
						14.949	8.97327	62.67755	85.00000	0.0	0.0	0.0
						15.448	9.02204	63.17347	85.00000	0.0	0.0	0.0
						15.946	9.07082	63.66939	85.00000	0.0	0.0	0.0
						16.444	9.11959	64.16531	85.00000	0.0	0.0	0.0
						16.943	9.16837	64.66122	85.00000	0.0	0.0	0.0
						17.441	9.21714	65.15714	85.00000	0.0	0.0	0.0
						17.939	9.26592	65.65306	85.00000	0.0	0.0	0.0
						18.438	9.31469	66.14898	85.00000	0.0	0.0	0.0
						18.936	9.36347	66.64490	85.00000	0.0	0.0	0.0
						19.434	9.41224	67.14082	85.00000	0.0	0.0	0.0
						19.932	9.46102	67.63673	85.00000	0.0	0.0	0.0
						20.431	9.50980	68.13265	85.00000	0.0	0.0	



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	dx	dy	dz	dxperp.
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
						2.4486	9.32000	44.09500	85.00000	0.0	0.0	0.0
						2.9383	9.76000	44.31000	85.00000	0.0	0.0	0.0
	19		Highgate Chapel	HGC.5		0.0	9.76000	44.31000	85.00000	0.0	0.0	0.0
						0.51133	9.98556	43.85111	85.00000	0.0	0.0	0.0
						1.0227	10.21111	43.39222	85.00000	0.0	0.0	0.0
						1.5340	10.43667	42.93333	85.00000	0.0	0.0	0.0
						2.0453	10.66222	42.47444	85.00000	0.0	0.0	0.0
						2.5566	10.88778	42.01556	85.00000	0.0	0.0	0.0
						3.0680	11.11333	41.55667	85.00000	0.0	0.0	0.0
						3.5793	11.33889	41.09778	85.00000	0.0	0.0	0.0
						4.0906	11.56444	40.63889	85.00000	0.0	0.0	0.0
						4.6019	11.79000	40.18000	85.00000	0.0	0.0	0.0
	20		Highgate Chapel	HGC.6		0.0	11.79000	40.18000	85.00000	0.0	0.0	0.0
						0.51804	11.32500	39.95167	85.00000	0.0	0.0	0.0
						1.0361	10.86000	39.72333	85.00000	0.0	0.0	0.0
						1.5541	10.39500	39.49500	85.00000	0.0	0.0	0.0
						2.0721	9.93000	39.26667	85.00000	0.0	0.0	0.0
						2.5902	9.46500	39.03833	85.00000	0.0	0.0	0.0
						3.1082	9.00000	38.81000	85.00000	0.0	0.0	0.0
	21		Highgate Chapel	HGC.7		0.0	9.00000	38.81000	85.00000	0.0	0.0	0.0
						0.51230	8.79111	39.27778	85.00000	0.0	0.0	0.0
						1.0246	8.58222	39.74556	85.00000	0.0	0.0	0.0
						1.5369	8.37333	40.21333	85.00000	0.0	0.0	0.0
						2.0492	8.16444	40.68111	85.00000	0.0	0.0	0.0
						2.5615	7.95556	41.14889	85.00000	0.0	0.0	0.0
						3.0738	7.74667	41.61667	85.00000	0.0	0.0	0.0
						3.5861	7.53778	42.08444	85.00000	0.0	0.0	0.0
						4.0984	7.32889	42.55222	85.00000	0.0	0.0	0.0
	22		Highgate Chapel	HGC.8		4.6107	7.12000	43.02000	85.00000	0.0	0.0	0.0
						0.0	15.93000	41.05000	85.00000	1.0787	-0.14785	0.65199
						0.49428	16.27700	41.40200	85.00000	1.2001	-0.19720	0.70206
						0.98856	16.62400	41.75400	85.00000	1.3140	-0.25377	0.74178
						1.4828	16.97100	42.10600	85.00000	1.4290	-0.31931	0.77583
						1.9771	17.31800	42.45800	85.00000	1.5439	-0.39354	0.80358
						2.4714	17.66500	42.81000	85.00000	1.6531	-0.47526	0.82210
						2.9657	18.01200	43.16200	85.00000	1.7566	-0.56421	0.83137
						3.4600	18.35900	43.51400	85.00000	1.8539	-0.66007	0.83142
						3.9542	18.70600	43.86600	85.00000	1.9448	-0.76239	0.82235
						4.4485	19.05300	44.21800	85.00000	2.0289	-0.87064	0.80433
	23		Highgate Chapel	HGC.9		4.9428	19.40000	44.57000	85.00000	2.1060	-0.98417	0.77763
						0.0	19.40000	44.57000	85.00000	2.1060	-0.98417	0.77763
						0.51338	19.76600	44.21000	85.00000	2.3279	-1.0528	0.73979
						1.0268	20.13200	43.85000	85.00000	2.5508	-1.1125	0.5986
						1.5401	20.49800	43.49000	85.00000	2.7748	-1.1620	0.2930
						2.0535	20.86400	43.13000	85.00000	2.9999	-1.2001	0.29803
						2.5669	21.23000	42.77000	85.00000	3.2263	-1.2255	0.31594
						3.0803	21.59600	42.41000	85.00000	3.4538	-1.2363	0.3292
						3.5936	21.96200	42.05000	85.00000	3.6826	-1.2307	0.34884
						4.1070	22.32800	41.69000	85.00000	3.9124	-1.2063	0.36352
						4.6204	22.69400	41.33000	85.00000	4.1433	-1.1606	0.37677
	24		Highgate Chapel	HGC.10		5.1338	23.06000	40.97000	85.00000	4.3750	-1.0905	0.38837
						0.0	23.06000	40.97000	85.00000	4.3750	-1.0905	0.38837
						0.49428	22.71300	40.61800	85.00000	4.2600	-0.84560	0.3885
						0.98856	22.36600	40.26600	85.00000	4.1859	-0.63467	0.3885
						1.4828	22.01900	39.91400	85.00000	4.0961	-0.44567	0.3885
						1.9771	21.67200	39.56200	85.00000	3.9917	-0.27808	0.3885
						2.4714	21.32500	39.21000	85.00000	3.8739	-0.13112	0.2662
						2.9657	20.97800	38.85800	85.00000	3.7436	-0.0038723	0.2662
						3.4600	20.63100	38.50600	85.00000	3.6019	-0.10471	0.24915
						3.9542	20.28400	38.15400	85.00000	3.4497	0.19572	0.23193
						4.4485	19.93700	37.80200	85.00000	3.2881	0.27027	0.21519
	25		Highgate Chapel	HGC.11		4.9428	19.59000	37.45000	85.00000	3.1183	0.31183	0.20018
						0.0	19.59000	37.45000	85.00000	3.1183	0.31183	0.20018
						0.51338	19.22400	37.10000	85.00000	2.9103	0.22571	0.19166
						1.0268	18.85800	36.75000	85.00000	2.7032	0.13602	0.18318
						1.5401	18.49200	36.40000	85.00000	2.4966	0.059805	0.17380
						2.0535	18.12600	36.05000	85.00000	2.2909	-0.0035223	0.16357
						2.5669	17.76000	35.70000	85.00000	2.0861	-0.054590	0.15255
						3.0803	17.39400	35.35000	85.00000	1.8824	-0.094031	0.14080
						3.5936	17.02800	35.00000	85.00000	1.6798	-0.12248	0.12835
						4.1070	16.66200	34.65000	85.00000	1.4783	-0.14054	0.11525
	26		81 Swain's Ln	81.SL.1		4.6204	16.29600	34.30000	85.00000	1.2780	-0.14881	0.10155
						5.1338	15.93000	41.05000	85.00000	1.0787	-0.14785	0.087272
						0.0	12.32000	22.91000	85.00000	0.0	0.0	0.0
						0.49414	12.33810	23.40381	85.00000	0.0	0.0	0.0
						0.98828	12.35619	23.89762	85.00000	0.0	0.0	0.0
						1.4824	12.37429	24.39143	85.00000	0.0	0.0	0.0
						1.9766	12.39238	24.88524	85.00000	0.0	0.0	0.0
						2.4707	12.41048	25.37905	85.00000	0.0	0.0	0.0
						2.9648	12.42857	25.87286	85.00000	0.0	0.0	0.0
						3.4590	12.44667	26.36667	85.00000	0.0	0.0	0.0
						3.9531	12.46476	26.86048	85.00000	0.0	0.0	0.0
						4.4473	12.48286	27.35429	85.00000	0.0	0.0	0.0
						4.9414	12.50095	27.84810	85.00000	0.0	0.0	0.0
						5.4356	12.51905	28.34190	85.00000	0.0	0.0	0.0
						5.9297	12.53714	28.83571	85.00000	0.0	0.0	0.0
						6.4238	12.55524	29.32952	85.00000	0.0	0.0	0.0
						6.9180	12.57333	29.82333	85.00000	0.0	0.0	0.0
						7.4121	12.59143	30.31714	85.00000	0.0	0.0	0.0
						7.9063	12.60952	30.81095	85.00000	0.0	0.0	0.0
						8.4004	12.62762	31.30476	85.00000	0.0	0.0	0.0
						8.8945	12.64571	31.79857	85.00000	0.0	0.0	0.0
						9.3887	12.66381	32.29238	85.00000	0.0	0.0	0.0
						9.8828	12.68190	32.78619	85.00000	0.0	0.0	0.0
	27		81 Swain's Ln	81.SL.2		10.377	12.70000	33.28000	85.00000	0.0	0.0	0.0
						0.0	12.70000	33.28000	85.00000	0.0	0.0	0.0
						0.50866	13.20833	33.26167	85.00000	0.0	0.0	0.0
						1.0173	13.71667	33.24333	85.00000	0.057090	0.0057090	0.056848
						1.5260	14.22500	33.22500	85.00000	0.23876	0.023876	0.23774
						2.0347	14.73333	33.20667	85.00000	0.46820	0.046820	0.46621
						2.5433	15.24167	33.18833	85.00000	0.73513	0.073513	0.73201
						3.0520	15.75000	33.17000	85.00000	1.0008	0.10008	0.99656
						3.5606	16.25833	33.15167	85.00000	1.2655	0.12655	1.2601
						4.0693	16.76667	33.13333	85.00000	1.5293	0.15293	1.5228
						4.5780	17.27500	33.11500	85.00000	1.7926	0.17926	1.7850
						5.0867	17.78333	33.09667	85.00000	2.0585	0.20585	2.0468
						5.5953	18.29167	33.07833	85.00000	2.3183	0.23183	2.3085
						6.1040	18.80000	33.06000	85.00000	2.5812	0.25812	2.5703
	28		81 Swain's Ln	81.SL.3		0.0	18.80000	33.06000	85.00000	2.5812	0.25812	0.32395
						0.50350	18.78714	32.55667	85.00000	2.4887	0.24887	



Stage: Stage: Name Ref.	Specific Building: Ref.	Specific Building: Name	Sub-Building Name	Dist.	x	y	z	8x	8y	8z//	8perp.
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
29	81	Swain's Ln	81.SL.4	0.0	18.53000	22.49000	85.00000	0.42606	0.30334	-0.40462	-0.33140
				0.51858	18.01250	22.52500	85.00000	0.29779	0.20251	-0.22845	-0.22845
				1.0374	17.49500	22.56000	85.00000	0.16858	0.10953	-0.16081	-0.12066
				1.5560	16.97750	22.59500	85.00000	0.087500	0.054302	-0.083636	-0.060083
				2.0747	16.46000	22.63000	85.00000	0.0029621	0.0017586	-0.0028367	-0.0019545
				2.5934	15.94250	22.66500	85.00000	0.0	0.0	0.0	0.0
				3.1121	15.42500	22.70000	85.00000	0.0	0.0	0.0	0.0
				3.6308	14.90750	22.73500	85.00000	0.0	0.0	0.0	0.0
				4.1495	14.39000	22.77000	85.00000	0.0	0.0	0.0	0.0
				4.6681	13.87250	22.80500	85.00000	0.0	0.0	0.0	0.0
				5.1868	13.35500	22.84000	85.00000	0.0	0.0	0.0	0.0
				5.7055	12.83750	22.87500	85.00000	0.0	0.0	0.0	0.0
				6.2242	12.32000	22.91000	85.00000	0.0	0.0	0.0	0.0
30	81	Swain's Ln	81.SL.5	0.0	2.99000	26.53000	85.00000	0.0	0.0	0.0	0.0
				0.50739	3.49706	26.51176	85.00000	0.0	0.0	0.0	0.0
				1.0148	4.00412	26.49353	85.00000	0.0	0.0	0.0	0.0
				1.5222	4.51118	26.47529	85.00000	0.0	0.0	0.0	0.0
				2.0295	5.01824	26.45706	85.00000	0.0	0.0	0.0	0.0
				2.5369	5.52529	26.43882	85.00000	0.0	0.0	0.0	0.0
				3.0443	6.03235	26.42059	85.00000	0.0	0.0	0.0	0.0
				3.5517	6.53941	26.40235	85.00000	0.0	0.0	0.0	0.0
				4.0591	7.04647	26.38412	85.00000	0.0	0.0	0.0	0.0
				4.5665	7.55353	26.36588	85.00000	0.0	0.0	0.0	0.0
				5.0739	8.06059	26.34765	85.00000	0.0	0.0	0.0	0.0
				5.5813	8.56765	26.32941	85.00000	0.0	0.0	0.0	0.0
				6.0886	9.07471	26.31118	85.00000	0.0	0.0	0.0	0.0
				6.5960	9.58176	26.29294	85.00000	0.0	0.0	0.0	0.0
				7.1034	10.08882	26.27471	85.00000	0.0	0.0	0.0	0.0
				7.6108	10.59588	26.25647	85.00000	0.0	0.0	0.0	0.0
				8.1182	11.10294	26.23824	85.00000	0.0	0.0	0.0	0.0
				8.6256	11.61000	26.22000	85.00000	0.0	0.0	0.0	0.0
31	81	Swain's Ln	81.SL.6	0.0	11.61000	26.22000	85.00000	0.0	0.0	0.0	0.0
				0.48034	11.59200	25.74000	85.00000	0.0	0.0	0.0	0.0
				0.96067	11.57400	25.26000	85.00000	0.0	0.0	0.0	0.0
				1.4410	11.55600	24.78000	85.00000	0.0	0.0	0.0	0.0
				1.9213	11.53800	24.30000	85.00000	0.0	0.0	0.0	0.0
				2.4017	11.52000	23.82000	85.00000	0.0	0.0	0.0	0.0
				2.8820							



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	dx	dy	dz	dx	dy	dz	dx	dy	dz
						[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
						0.98704	16.82478	11.66000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						1.4806	16.33217	11.69000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						1.9741	15.83957	11.72000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						2.4676	15.34696	11.75000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						2.9611	14.85435	11.78000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						3.4546	14.36174	11.81000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						3.9482	13.86913	11.84000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						4.4417	13.37652	11.87000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						4.9352	12.88391	11.90000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						5.4287	12.39130	11.93000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						5.9223	11.89870	11.96000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						6.4158	11.40609	11.99000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						6.9093	10.91348	12.02000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						7.4028	10.42087	12.05000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						7.8963	9.92826	12.08000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						8.3899	9.43565	12.11000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						8.8834	8.94304	12.14000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						9.3769	8.45043	12.17000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						9.8704	7.95783	12.20000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						10.364	7.46522	12.23000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						10.857	6.97261	12.26000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						11.351	6.48000	12.29000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
37	79 Swain's Ln			79.SL.4	0.0	6.48000	12.29000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						0.48889	6.48111	12.77889	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						0.97778	6.48222	13.26778	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						1.4667	6.48333	13.75667	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						1.9556	6.48444	14.24556	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						2.4445	6.48556	14.73444	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						2.9333	6.48667	15.22333	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						3.4222	6.48778	15.71222	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						3.9111	6.48889	16.20111	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						4.4000	6.49000	16.69000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
38	79 Swain's Ln			79.SL.5	0.0	6.49000	16.69000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						0.49957	5.99077	16.70846	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						0.99914	5.49154	16.72692	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						1.4987	4.99231	16.74538	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						1.9983	4.49308	16.76385	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						2.4979	3.99385	16.78231	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						2.9974	3.49462	16.80077	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						3.4970	2.99538	16.81923	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						3.9966	2.49615	16.83769	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						4.4961	1.99692	16.85615	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						4.9957	1.49769	16.87462	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						5.4953	0.99846	16.89308	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						5.9949	0.49923	16.91154	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						6.4944	0.00000	16.93000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
39	184 to 210 Oakeshott Ave			184to210.OA.1	0.0	9.09000	0.00000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
						0.58380	8.92500	0.56000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
40	184 to 210 Oakeshott Ave			184to210.OA.2	1.1676	8.76000	1.12000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					0.0	8.76000	1.12000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					0.49749	9.23722	1.26056	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					0.99498	9.71444	1.40111	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					1.4925	10.19167	1.54167	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					1.9900	10.66889	1.68222	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					2.4875	11.14611	1.82278	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					2.9849	11.62333	1.96333	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					3.4824	12.10056	2.10389	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					3.9799	12.57778	2.24444	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					4.4774	13.05500	2.38500	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					4.9749	13.53222	2.52556	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					5.4724	14.00944	2.66611	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					5.9699	14.48667	2.80667	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					6.4674	14.96389	2.94722	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					6.9649	15.44111	3.08778	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					7.4624	15.91833	3.22833	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					7.9598	16.39556	3.36889	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					8.4573	16.87278	3.50944	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
					8.9548	17.35000	3.65000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d
41	184 to 210 Oakeshott Ave			184to210.OA.3	0.0	17.35000	3.65000	85.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0		



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Highgate Cemetery
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Job No.	Sheet No.	Rev.
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Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	dx	dy	dz	dxperp.	
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
						0.53865	10.69000	43.84333	85.00000	0.0	0.0	0.0	d
						1.0773	11.20000	44.01667	85.00000	0.0	0.0	0.0	d
						1.6160	11.71000	44.19000	85.00000	0.0	0.0	0.0	d
						2.1546	12.22000	44.36333	85.00000	0.0	0.0	0.0	d
						2.6933	12.73000	44.53667	85.00000	0.0	0.0	0.0	d
						3.2319	13.24000	44.71000	85.00000	0.0	0.0	0.0	d
47	Existing Tunnel Wall	Highgate Chapel	ETWHGC.3			0.0	13.24000	44.71000	85.00000	0.0	0.0	0.0	d
						0.46578	13.14833	45.16667	85.00000	0.0	0.0	0.0	d
						0.93155	13.05667	45.62333	85.00000	0.0	0.0	0.0	d
						1.3973	12.96500	46.08000	85.00000	0.0	0.0	0.0	d
						1.8631	12.87333	46.53667	85.00000	0.0	0.0	0.0	d
						2.3289	12.78167	46.99333	85.00000	0.0	0.0	0.0	d
						2.7947	12.69000	47.45000	85.00000	0.0	0.0	0.0	d
48	Swain's Ln West Wall		SL.WW.1			0.0	14.54000	50.95000	85.00000	0.0	0.0	0.0	d
						0.50410	14.83455	50.54091	85.00000	0.0	0.0	0.0	d
						1.0082	15.12909	50.13182	85.00000	0.0	0.0	0.0	d
						1.5123	15.42364	49.72273	85.00000	0.0	0.0	0.0	d
						2.0164	15.71818	49.31364	85.00000	0.0	0.0	0.0	d
						2.5205	16.01273	48.90455	85.00000	0.0020340	-0.0011215	0.0020986	995.39E-6
						3.0246	16.30727	48.49545	85.00000	0.14329	-0.079007	0.14784	0.070122
						3.5287	16.60182	48.08636	85.00000	0.28481	-0.15704	0.29386	0.13938
						4.0328	16.89636	47.67727	85.00000	0.48651	-0.26825	0.50196	0.23808
						4.5369	17.19091	47.26818	85.00000	0.68344	-0.37683	0.70514	0.33445
						5.0410	17.48545	46.85909	85.00000	0.87574	-0.48286	0.90355	0.42856
						5.5451	17.78000	46.45000	85.00000	1.0732	-0.58092	1.0985	0.53151
49	Swain's Ln West Wall		SL.WW.2			0.0	17.78000	46.45000	85.00000	1.0732	-0.58092	1.2007	0.21807
						0.49559	18.16667	46.14000	85.00000	1.2901	-0.68979	1.4380	0.26877
						0.99118	18.55333	45.83000	85.00000	1.5077	-0.79557	1.6740	0.32237
						1.4868	18.94000	45.52000	85.00000	1.7263	-0.89797	1.9085	0.37919
						1.9824	19.32667	45.21000	85.00000	1.9459	-0.99667	2.1417	0.43959
						2.4780	19.71333	44.90000	85.00000	2.1669	-1.0913	2.3732	0.50398
						2.9736	20.10000	44.59000	85.00000	2.3893	-1.1813	2.6031	0.57282
						3.4691	20.48667	44.28000	85.00000	2.6133	-1.2663	2.8310	0.64666
						3.9647	20.87333	43.97000	85.00000	2.8390	-1.3455	3.0567	0.72611
						4.4603	21.26000	43.66000	85.00000	3.0667	-1.4181	3.2798	0.81187
50	Swain's Ln West Wall		SL.WW.3			0.0	21.26000	43.66000	85.00000	3.0667	-1.4181	2.9242	0.6926
						0.49973	21.54750	43.25125	85.00000	3.2738	-1.4297	3.0528	1.8553
						0.99947	21.83500	42.84250	85.00000	3.4807	-1.4238	3.1671	2.0279
						1.4992	22.12250	42.43375	85.00000	3.6874	-1.3986	3.2654	2.2114
						1.9989	22.41000	42.02500	85.00000	3.8935	-1.3518	3.3456	2.4069
						2.4987	22.69750	41.61625	85.00000	4.0986	-1.2810	3.4058	2.6154
						2.9984	22.98500	41.20750	85.00000	4.3025	-1.1837	3.4434	2.8382
						3.4981	23.27250	40.79875	85.00000	4.5045	-1.0569	3.4559	3.0763
						3.9979	23.56000	40.39000	85.00000	4.7235	-0.90169	3.4550	3.3448
51	Swain's Ln West Wall		SL.WW.4			0.0	23.56000	40.39000	85.00000	4.7235	-0.90169	2.0003	4.3730
						0.52804	23.68571	39.87714	85.00000	4.9386	-0.63354	1.7911	4.6458
						1.0561	23.81143	39.36429	85.00000	5.1482	-0.33763	1.5536	4.9198
						1.5841	23.93714	38.85143	85.00000	5.3496	-0.017289	1.2904	5.1917
						2.1122	24.06286	38.33857	85.00000	5.5401	0.32299	1.0053	5.4577
						2.6402	24.18857	37.82571	85.00000	5.7035	0.57035	0.80392	5.6753
						3.1682	24.31429	37.31286	85.00000	5.8329	0.58329	0.82216	5.8041
						3.6963	24.44000	36.80000	85.00000	5.9636	0.59636	0.84058	5.9341
52	Swain's Ln West Wall		SL.WW.5			0.0	24.44000	36.80000	85.00000	5.9636	0.59636	-0.55654	5.9674
						0.49934	24.44333	36.30067	85.00000	6.0167	0.60167	-0.56149	6.0206
						0.99869	24.44667	35.80133	85.00000	6.0692	0.60692	-0.56639	6.0731
						1.4980	24.45000	35.30200	85.00000	6.1210	0.61210	-0.57123	6.1250
						1.9974	24.45333	34.80267	85.00000	6.1722	0.61722	-0.57601	6.1762
						2.4967	24.45667	34.30333	85.00000	6.0261	0.60261	-0.56237	6.0300
						2.9961	24.46000	33.80400	85.00000	5.8731	0.58731	-0.54809	5.8769
						3.4954	24.46333	33.30467	85.00000	5.7212	0.57212	-0.53391	5.7249
						3.9948	24.46667	32.80533	85.00000	5.5704	0.55704	-0.51984	5.5740
						4.4941	24.47000	32.30600	85.00000	5.4207	0.54207	-0.50587	5.4242
						4.9934	24.47333	31.80667	85.00000	5.2720	0.52720	-0.49200	5.2754
						5.4928	24.47667	31.30733	85.00000	5.0824	0.63177	-0.59783	5.0865
						5.9921	24.48000	30.80800	85.00000	4.8422	0.85228	-0.81994	4.8478
						6.4915	24.48333	30.30867	85.00000	4.5950	1.0608	-1.0301	4.6019
						6.9908	24.48667	29.80933	85.00000	4.3440	1.2544	-1.2254	4.3523
						7.4902	24.49000	29.31000	85.00000	4.0924	1.4307	-1.4033	4.1019
						7.9895	24.49333	28.81067	85.00000	3.8429	1.5877	-1.5620	3.8534
						8.4889	24.49667	28.31133	85.00000	3.5976	1.7243	-1.7002	3.6090
						8.9882	24.50000	27.81200	85.00000	3.3583	1.8397	-1.8173	3.3706
						9.4875	24.50333	27.31267	85.00000	3.1265	1.9339	-1.9130	3.1394
						9.9869	24.50667	26.81333	85.00000	2.9369	2.0285	-2.0089	2.9503
						10.486	24.51000	26.31400	85.00000	2.7652	2.1082	-2.0897	2.7792
						10.986	24.51333	25.81467	85.00000	2.5974	2.1646	-2.1472	2.6118
						11.485	24.51667	25.31533	85.00000	2.4304	2.1986	-2.1824	2.4486
						11.984	24.52000	24.81600	85.00000	2.2750	2.2116	-2.1963	2.2897
						12.484	24.52333	24.31667	85.00000	2.1206	2.2046	-2.1904	2.1352
						12.983	24.52667	23.81733	85.00000	1.9706	2.1790	-2.1658	1.9851
						13.482	24.53000	23.31800	85.00000	1.8250	2.1360	-2.1237	1.8392
						13.982	24.53333	22.81867	85.00000	1.6837	2.0768	-2.0655	1



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Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	dx	dy	dx//	dyperp.
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
						10.893	13.53486	10.40432	85.00000	0.0	0.0	0.0
						11.377	13.04054	10.42270	85.00000	0.0	0.0	0.0
						11.872	12.54622	10.44108	85.00000	0.0	0.0	0.0
						12.367	12.05189	10.45946	85.00000	0.0	0.0	0.0
						12.861	11.55757	10.47784	85.00000	0.0	0.0	0.0
						13.356	11.06324	10.49622	85.00000	0.0	0.0	0.0
						13.851	10.56892	10.51459	85.00000	0.0	0.0	0.0
						14.345	10.07459	10.53297	85.00000	0.0	0.0	0.0
						14.840	9.58027	10.55135	85.00000	0.0	0.0	0.0
						15.335	9.08595	10.56973	85.00000	0.0	0.0	0.0
						15.829	8.59162	10.58811	85.00000	0.0	0.0	0.0
						16.324	8.09730	10.60649	85.00000	0.0	0.0	0.0
						16.819	7.60297	10.62486	85.00000	0.0	0.0	0.0
						17.313	7.10865	10.64324	85.00000	0.0	0.0	0.0
						17.808	6.61432	10.66162	85.00000	0.0	0.0	0.0
						18.303	6.12000	10.68000	85.00000	0.0	0.0	0.0
55			Swain's Ln West Wall	SL.WW.8		0.0	6.12000	10.68000	85.00000	0.0	0.0	0.0
						0.48434	5.64923	10.56615	85.00000	0.0	0.0	0.0
						0.96868	5.17846	10.45231	85.00000	0.0	0.0	0.0
						1.4530	4.70769	10.33846	85.00000	0.0	0.0	0.0
						1.9374	4.23692	10.22462	85.00000	0.0	0.0	0.0
						2.4217	3.76615	10.11077	85.00000	0.0	0.0	0.0
						2.9060	3.29538	9.99692	85.00000	0.0	0.0	0.0
						3.3904	2.82462	9.88308	85.00000	0.0	0.0	0.0
						3.8747	2.35385	9.76923	85.00000	0.0	0.0	0.0
						4.3591	1.88308	9.65538	85.00000	0.0	0.0	0.0
						4.8434	1.41231	9.54154	85.00000	0.0	0.0	0.0
						5.3277	0.94154	9.42769	85.00000	0.0	0.0	0.0
						5.8121	0.47077	9.31385	85.00000	0.0	0.0	0.0
						6.2964	0.00000	9.20000	85.00000	0.0	0.0	0.0
56			Swain's Ln East Wall	SL.EW.1		0.0	32.74000	72.10100	85.00000	0.0	0.0	0.0
						0.51826	32.67500	71.58583	85.00000	0.0	0.0	0.0
						1.0365	32.61000	71.07167	85.00000	0.0	0.0	0.0
						1.5548	32.54500	70.55750	85.00000	0.0	0.0	0.0
						2.0730	32.48000	70.04333	85.00000	0.0	0.0	0.0
						2.5913	32.41500	69.52917	85.00000	0.0	0.0	0.0
						3.1096	32.35000	69.01500	85.00000	0.0	0.0	0.0
						3.6278	32.28500	68.50083	85.00000	0.0	0.0	0.0
						4.1461	32.22000	67.98667	85.00000	0.0	0.0	0.0
						4.6643	32.15500	67.47250	85.00000	0.0	0.0	0.0
						5.1826	32.09000	66.95833	85.00000	0.0	0.0	0.0
						5.7008	32.02500	66.44417	85.00000	0.0	0.0	0.0
57			Swain's Ln East Wall	SL.EW.2		6.2191	31.96000	65.93000	85.00000	0.0	0.0	0.0
						0.0	31.62000	63.20000	85.00000	0.0	0.0	0.0
						0.49484	31.55810	62.70905	85.00000	0.0	0.0	0.0
						0.98968	31.49619	62.21810	85.00000	0.0	0.0	0.0
						1.4845	31.43429	61.72714	85.00000	0.0	0.0	0.0
						1.9794	31.37238	61.23619	85.00000	0.0	0.0	0.0
						2.4742	31.31048	60.74524	85.00000	0.0	0.0	0.0
						2.9690	31.24857	60.25429	85.00000	0.044277	-0.048290	0.010434
						3.4639	31.18667	59.76333	85.00000	0.016735	-0.17162	0.018074
						3.9587	31.12476	59.27238	85.00000	0.035519	-0.33544	0.032836
						4.4536	31.06286	58.78143	85.00000	0.060898	-0.53256	0.052076
						4.9484	31.00095	58.29048	85.00000	0.089022	-0.72727	0.071042
						5.4432	30.93905	57.79952	85.00000	0.12015	-0.91952	0.089726
						5.9381	30.87714	57.30857	85.00000	0.15457	-1.1092	0.10812
						6.4329	30.81524	56.81762	85.00000	0.19260	-1.2962	0.12619
						6.9278	30.75333	56.32667	85.00000	0.23461	-1.4804	0.14394
						7.4226	30.69143	55.83571	85.00000	0.28102	-1.6615	0.16133
						7.9174	30.62952	55.34476	85.00000	0.33227	-1.8393	0.17833
						8.4123	30.56762	54.85381	85.00000	0.38889	-2.0135	0.19490
						8.9071	30.50571	54.36286	85.00000	0.45147	-2.1836	0.21099
						9.4020	30.44381	53.87190	85.00000	0.52068	-2.3491	0.22655
						9.8968	30.38190	53.38095	85.00000	0.59728	-2.5096	0.24151
						10.392	30.32000	52.89000	85.00000	0.68213	-2.6642	0.25580
58			Swain's Ln East Wall	SL.EW.3		10.885	30.25800	52.39000	85.00000	0.68213	-2.6642	0.25580
						0.48905	30.35706	52.40235	85.00000	0.75668	-2.8411	0.28902
						0.97811	30.39412	51.91471	85.00000	0.83738	-3.0154	0.30701
						1.4672	30.43118	51.42706	85.00000	0.92510	-3.1865	0.32475
						1.9562	30.46824	50.93941	85.00000	1.0209	-3.3539	0.34216
						2.4453	30.50529	50.45176	85.00000	1.1259	-3.5166	0.35919
						2.9343	30.54235	49.96412	85.00000	1.2416	-3.6735	0.37570
						3.4234	30.57941	49.47647	85.00000	1.3698	-3.8233	0.39161
						3.9124	30.61647	48.98882	85.00000	1.5127	-3.9642	0.40674
						4.4015	30.65353	48.50118	85.00000	1.6728	-4.0941	0.42090
						4.8905	30.69059	48.01353	85.00000	1.8535	-4.2102	0.43385
						5.3796	30.72765	47.52588	85.00000	2.0588	-4.3090	0.44526
						5.8686	30.76471	47.03824	85.00000	2.2940	-4.3861	0.45473
						6.3577	30.80176	46.55059	85.00000	2.5676	-4.4392	0.46210
						6.8467	30.83882	46.06294	85.00000	2.9230	-4.5214	0.47299
						7.3358	30.87586	45.57529	85.00000	3.3440	-4.5757	0.48159
						7.8249	30.91294	45.08765	85.00000	3.8468	-4.5934	0.48717
59			Swain's Ln East Wall	SL.EW.4		8.3139	30.95000	44.60000	85.00000	4.4525	-4.5636	0.48878
						0.0	31.22000	39.59000	85.00000	9.1213	-5.0292	0.59779
						0.49192	31.27273	39.10091	85.00000	9.2091	-4.2509	0.52135
						0.98385	31.32545	38.61182	85.00000	10.513	-4.08160	0.50565
						1.4758	31.37818	38.12273	85.00000	10.648	-4.08264	0.50100
						1.9677	31.43091	37.63364	85.00000	10.783	-4.0783	0.50362
						2.4596	31.48364	37.14455	85.00000	10.918	-4.0739	0.50639
						2.9515	31.53636	36.65545	85.00000	11.052	-4.0683	0.50916
						3.4435	31.58909	36.16636	85.00000	11.187	-4.0633	0.51193
						3.9354	31.64182	35.67727	85.00000	11.322	-4.0583	0.51470
						4.4273	31.69455	35.18818	85.00000	11.457	-4.0533	0.51747
						4.9192	31.74727	34.69909	85.00000	11.592	-4.0483	0.52024
						5.4112	31.80000	34.21000	85.00000	11.727	-4.0433	0.52301
						5.9031	31.85273	33.72091	85.00000	11.862	-4.0383	0.52578
						6.3950	31.90545	33.23182	85.00000	12.000	-4.0333	0.52855
						6.8869	31.95818	32.74273	85.00000	12.138	-4.0283	0.53132
						7.3789	32.01091	32.25364	85.00000	12.277	-4.0233	0.53409
						7.8708	32.06364	31.76455	85.00000	12.416	-4.0183	0.53686
						8.3627	32.11636	31.27545	85.00000	12.555	-4.0133	0.53963
						8.8546	32.16909	30.78636	85.00000	12.694	-4.0083	0.54240
						9.3466	32.22182	30.29727	85.00000	12.833	-4.0033	0.54517
						9.8385	32.27455	29.80818	85.00000	12.972	-4.0033	0.54794
						10.330	32.32727	29.31909	85.00000	13.111	-4.0033	0.55071
						10.822	32.38000	28.83000	85.00000	13.250	-4.0033	0.55348
						0.0	32.65000	25.93000	85.00000	2.3613	-6.3758	-6.1254
						0.50087	32.69712	25.43135	85.00000	2.0224	-6.1490	-5.9315
						1.0017	32.74423	24.93269	85.00000	1.7367	-5.9147	-5.7251
						1.5026	32.79135	24.43404	85.00000	1.5076	-5.7214	-5.5342
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A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy	δR//	δRperp.
					[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
					12.021	33.78077	13.96231	85.00000	0.030956	0.67211	-0.66621	0.094041
					12.522	33.82788	13.46365	85.00000	0.017802	0.42007	-0.41653	0.057237
					13.023	33.87500	12.96500	85.00000	0.0082398	0.21158	-0.20987	0.028106
					13.524	33.92212	12.46635	85.00000	0.0016653	0.045170	-0.044813	0.0059069
					14.024	33.96923	11.96769	85.00000	0.0	0.0	0.0	0.0
					14.525	34.01635	11.46904	85.00000	0.0	0.0	0.0	0.0
					15.026	34.06346	10.97038	85.00000	0.0	0.0	0.0	0.0
					15.527	34.11058	10.47173	85.00000	0.0	0.0	0.0	0.0
					16.028	34.15769	9.97308	85.00000	0.0	0.0	0.0	0.0
					16.529	34.20481	9.47442	85.00000	0.0	0.0	0.0	0.0
					17.030	34.25192	8.97577	85.00000	0.0	0.0	0.0	0.0
					17.531	34.29904	8.47712	85.00000	0.0	0.0	0.0	0.0
					18.031	34.34615	7.97846	85.00000	0.0	0.0	0.0	0.0
					18.532	34.39327	7.47981	85.00000	0.0	0.0	0.0	0.0
					19.033	34.44038	6.98115	85.00000	0.0	0.0	0.0	0.0
					19.534	34.48750	6.48250	85.00000	0.0	0.0	0.0	0.0
					20.035	34.53462	5.98385	85.00000	0.0	0.0	0.0	0.0
					20.536	34.58173	5.48519	85.00000	0.0	0.0	0.0	0.0
					21.037	34.62885	4.98654	85.00000	0.0	0.0	0.0	0.0
					21.538	34.67596	4.48788	85.00000	0.0	0.0	0.0	0.0
					22.038	34.72308	3.98923	85.00000	0.0	0.0	0.0	0.0
					22.539	34.77019	3.49058	85.00000	0.0	0.0	0.0	0.0
					23.040	34.81731	2.99192	85.00000	0.0	0.0	0.0	0.0
					23.541	34.86442	2.49327	85.00000	0.0	0.0	0.0	0.0
					24.042	34.91154	1.99462	85.00000	0.0	0.0	0.0	0.0
					24.543	34.95865	1.49596	85.00000	0.0	0.0	0.0	0.0
					25.044	35.00577	0.99731	85.00000	0.0	0.0	0.0	0.0
					25.545	35.05288	0.49865	85.00000	0.0	0.0	0.0	0.0
					26.045	35.10000	0.00000	85.00000	0.0	0.0	0.0	0.0

d - Displacements include imported displacements.

Specific Building Damage Results - Vertical Displacements

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
						[m]	[m]	[m]	[m]	[mm]
0	Base Model	1	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	0.0	0.0	54.90000	46.85000	85.00000	2.5287
						0.51052	55.39778	46.73667	85.00000	2.4041
						1.0210	55.89556	46.62333	85.00000	2.2831
						1.5315	56.39333	46.51000	85.00000	2.1659
						2.0421	56.89111	46.38667	85.00000	2.0532
						2.5526	57.38889	46.28333	85.00000	1.9457
						3.0631	57.88667	46.17000	85.00000	1.8413
						3.5736	58.38444	46.05667	85.00000	1.7395
						4.0841	58.88222	45.94333	85.00000	1.6400
						4.5946	59.38000	45.83000	85.00000	1.5421
		2	Mausoleum of Lord Dalziel of Wooler	Mau.1.2	0.0	0.0	59.38000	45.83000	85.00000	1.5421
						0.49235	59.49800	46.30800	85.00000	1.4700
						0.98470	59.61600	46.78600	85.00000	1.3966
						1.4770	59.73400	47.26400	85.00000	1.3214
						1.9694	59.85200	47.74200	85.00000	1.2437
						2.4617	59.97000	48.22000	85.00000	1.1627
						2.9541	60.08800	48.69800	85.00000	1.0777
						3.4464	60.20600	49.17600	85.00000	0.99211
						3.9388	60.32400	49.65400	85.00000	0.92000
						4.4311	60.44200	50.13200	85.00000	0.84683
						4.9235	60.56000	50.61000	85.00000	0.77265
		3	Mausoleum of Lord Dalziel of Wooler	Mau.1.3	0.0	0.0	60.56000	50.61000	85.00000	0.77265
						0.50259	60.07222	50.73111	85.00000	0.83933
						1.0052	59.58444	50.85222	85.00000	0.90461
						1.5078	59.09667	50.97333	85.00000	0.96842
						2.0104	58.60889	51.09444	85.00000	1.0372
						2.5129	58.12111	51.21556	85.00000	1.1136
						3.0155	57.63333	51.33667	85.00000	1.1855
						3.5181	57.14556	51.45778	85.00000	1.2534
						4.0207	56.65778	51.57889	85.00000	1.3179
		4	Mausoleum of Lord Dalziel of Wooler	Mau.1.4	0.0	0.0	56.17000	51.70000	85.00000	1.3795
						0.50135	56.04300	51.21500	85.00000	1.4817
						1.0027	55.91600	50.73000	85.00000	1.5842
						1.5041	55.78900	50.24500	85.00000	1.6883
						2.0054	55.66200	49.76000	85.00000	1.7953
						2.5068	55.53500	49.27500	85.00000	1.9060
						3.0081	55.40800	48.79000	85.00000	2.0211
						3.5095	55.28100	48.30500	85.00000	2.1409
						4.0108	55.15400	47.82000	85.00000	2.2656
						4.5122	55.02700	47.33500	85.00000	2.3949
		5	Small Ticket Kiosk	STK.1.1	0.0	0.0	35.76000	61.70000	85.00000	0.78696
						0.51305	36.26875	61.63375	85.00000	0.79815
						1.0261	36.77750	61.56750	85.00000	0.80932
						1.5391	37.28625	61.50125	85.00000	0.82046
						2.0522	37.79500	61.43500	85.00000	0.83157
						2.5652	38.30375	61.36875	85.00000	0.84265
						3.0783	38.81250	61.30250	85.00000	0.85369
						3.5913	39.32125	61.23625	85.00000	0.86470
		6	Small Ticket Kiosk	STK.1.2	0.0	0.0	39.83000	61.17000	85.00000	0.87568
						0.45872	39.77167	60.71500	85.00000	0.96887
						0.91745	39.71333	60.26000	85.00000	1.0792
						1.3762	39.65500	59.80500	85.00000	1.1984
						1.8349	39.59667	59.35000	85.00000	1.3121
						2.2936	39.53833	58.89500	85.00000	1.4233
						2.7523	39.48000	58.44000	85.00000	1.5345
		7	Small Ticket Kiosk	STK.1.3	0.0	0.0	39.48000	58.44000	85.00000	1.5345
						0.51289	39.97125	58.50500	85.00000	1.5225
						1.0258	39.46250	58.57000	85.00000	1.5124
						1.5387	37.95375	58.63500	85.00000	1.5011
						2.0515	37.44500	58.70000	85.00000	1.4879
						2.5644	36.93625	58.76500	85.00000	1.4718
						3.0773	36.42750	58.83000	85.00000	1.4557
						3.5902	35.91875	58.89500	85.00000	1.4397
						4.1031	35.41000	58.96000	85.00000	1.4238
		8	Small Ticket Kiosk	STK.1.4	0.0	0.0	35.41000	58.96000	85.00000	1.4238
						0.46038	35.46833	59.41667	85.00000	1.3141
						0.92075	35.52667	59.87333	85.00000	1.2020
						1.3811	35.58500	60.33000	85.00000	1.0848
						1.8415	35.64333	60.78667	85.00000	0.97364
						2.3019	35.70167	61.24333	85.00000	0.88018
						2.7623	35.76000	61.70000	85.00000	0.78696
		9	Mausoleum 2	Mau.2.1	0.0	0.0	50.12000	72.10000	85.00000	-0.0097717
						0.47482	50.05250	71.63000	85.00000	-0.0099119
						0.94964	49.98500	71.16000	85.00000	-0.010046
						1.4245	49.91750	70.69000	85.00000	-0.010172
						1.8993	49.85000	70.22000	85.00000	-0.010289
						2.3741	49.78250	69.75000	85.00000	-0.010396
						2.8489	49.71500	69.28000	85.00000	-0.010490
						3.3238	49.64750	68.81000	85.00000	-0.010569
						3.7986	49.58000	68.34000	85.00000	-0.010630
		10	Mausoleum 2	Mau.2.2	0.0	0.0	49.58000	68.34000	85.00000	-0.010630
						0.51916	49.06286	68.38571	85.00000	-0.010644
						1.0383	48.54571	68.43143	85.00000	-0.010655
						1.5575	48.02857	68.47714	85.00000	-0.010664
						2.0766	47.51143	68.52286	85.00000	-0.010671
						2.5958	46.99429	68.56857	85.00000	-0.010676
						3.1150	46.47714	68.61429	85.00000	-0.010680
						3.6341	45.96000	68.66000	85.00000	-0.010683
		11	Mausoleum 2	Mau.2.3	0.0	0.0	45.96000	68.66000	85.00000	-0.010683



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	[mm]
						0.49562	46.02429	69.15143	85.00000	-0.010651
						0.99123	46.08857	69.64286	85.00000	-0.010595
						1.4868	46.15286	70.13429	85.00000	-0.010519
						1.9825	46.21714	70.62571	85.00000	-0.010425
						2.4781	46.28143	71.11714	85.00000	-0.010316
						2.9737	46.34571	71.60857	85.00000	-0.010195
						3.4693	46.41000	72.10000	85.00000	-0.010063
12	Mausoselum 3		Mau.3.1	0.0	0.0	39.34000	72.10000	85.00000	85.00000	-0.010290
						0.51823	39.24800	71.59000	85.00000	-0.010402
						1.0365	39.15600	71.08000	85.00000	-0.010498
						1.5547	39.06400	70.57000	85.00000	-0.010576
						2.0729	38.97200	70.06000	85.00000	-0.010630
						2.5912	38.88000	69.55000	85.00000	-0.010658
13	Mausoselum 3		Mau.3.2	0.0	0.0	38.88000	69.55000	85.00000	85.00000	-0.010658
						0.47154	38.41600	69.63400	85.00000	-0.010653
						0.94308	37.95200	69.71800	85.00000	-0.010647
						1.4146	37.48800	69.80200	85.00000	-0.010640
						1.8862	37.02400	69.88600	85.00000	-0.010632
						2.3577	36.56000	69.97000	85.00000	-0.010623
14	Mausoselum 3		Mau.3.3	0.0	0.0	36.56000	69.97000	85.00000	85.00000	-0.010623
						0.53848	36.64000	70.50250	85.00000	-0.010571
						1.0770	36.72000	71.03500	85.00000	-0.010495
						1.6154	36.80000	71.56750	85.00000	-0.010398
						2.1539	36.88000	72.10000	85.00000	-0.010283
15	Highgate Chapel		HGC.1	0.0	0.0	15.73000	72.10000	85.00000	85.00000	-0.008297
						0.49599	15.69700	71.60520	85.00000	-0.0084259
						0.99180	15.66400	71.11040	85.00000	-0.0085586
						1.4877	15.63100	70.61560	85.00000	-0.0086906
						1.9836	15.59800	70.12080	85.00000	-0.0088215
						2.4795	15.56500	69.62600	85.00000	-0.0089510
						2.9754	15.53200	69.13120	85.00000	-0.0090788
						3.4713	15.49900	68.63640	85.00000	-0.0092044
						3.9672	15.46600	68.14160	85.00000	-0.0093274
						4.4631	15.43300	67.64680	85.00000	-0.0094474
						4.9590	15.40000	67.15200	85.00000	-0.0095639
						5.4549	15.36700	66.65720	85.00000	-0.0096764
						5.9508	15.33400	66.16240	85.00000	-0.0097843
						6.4467	15.30100	65.66760	85.00000	-0.0098871
						6.9426	15.26800	65.17280	85.00000	-0.0099840
						7.4385	15.23500	64.67800	85.00000	-0.010075
						7.9344	15.20200	64.18320	85.00000	-0.010158
						8.4303	15.16900	63.68840	85.00000	-0.010233
						8.9262	15.13600	63.19360	85.00000	-0.010300
						9.4221	15.10300	62.69880	85.00000	-0.010358
						9.9180	15.07000	62.20400	85.00000	-0.010405
						10.414	15.03700	61.70920	85.00000	-0.010441
						10.910	15.00400	61.21440	85.00000	-0.010465
						11.406	14.97100	60.71960	85.00000	-0.010476
						11.902	14.93800	60.22480	85.00000	-0.010473
						12.397	14.90500	59.73000	85.00000	-0.010456
						12.893	14.87200	59.23520	85.00000	-0.010423
						13.389	14.83900	58.74040	85.00000	-0.010373
						13.885	14.80600	58.24560	85.00000	-0.010306
						14.381	14.77300	57.75080	85.00000	-0.010220
						14.877	14.74000	57.25600	85.00000	-0.010114
						15.373	14.70700	56.76120	85.00000	-0.0099887
						15.869	14.67400	56.26640	85.00000	-0.010854
						16.365	14.64100	55.77160	85.00000	0.065437
						16.861	14.60800	55.27680	85.00000	0.11857
						17.356	14.57500	54.78200	85.00000	0.17020
						17.852	14.54200	54.28720	85.00000	0.22029
						18.348	14.50900	53.79240	85.00000	0.26877
						18.844	14.47600	53.29760	85.00000	0.31559
						19.340	14.44300	52.80280	85.00000	0.36071
						19.836	14.41000	52.30800	85.00000	0.40407
						20.332	14.37700	51.81320	85.00000	0.44642
						20.828	14.34400	51.31840	85.00000	0.48880
						21.324	14.31100	50.82360	85.00000	0.53120
						21.820	14.27800	50.32880	85.00000	0.57362
						22.315	14.24500	49.83400	85.00000	0.61606
						22.811	14.21200	49.33920	85.00000	0.65851
						23.307	14.17900	48.84440	85.00000	0.70098
						23.803	14.14600	48.34960	85.00000	0.74320
						24.299	14.11300	47.85480	85.00000	0.78364
						24.795	14.08000	47.36000	85.00000	0.82202
16	Highgate Chapel		HGC.2	0.0	0.0	14.08000	47.36000	85.00000	85.00000	0.82202
						0.50652	13.57462	47.39385	85.00000	0.72651
						1.0130	13.06923	47.42769	85.00000	0.63086
						1.5196	12.56385	47.46154	85.00000	0.53505
						2.0261	12.05846	47.49538	85.00000	0.43910
						2.5326	11.55308	47.52923	85.00000	0.34299
						3.0391	11.04769	47.56308	85.00000	0.24675
						3.5456	10.54231	47.59692	85.00000	0.15036
						4.0521	10.03692	47.63077	85.00000	0.053833
						4.5587	9.53154	47.66462	85.00000	-0.0098366
						5.0652	9.02615	47.69846	85.00000	-0.010064
						5.5717	8.52077	47.73231	85.00000	-0.010235
						6.0782	8.01538	47.76615	85.00000	-0.010357
						6.5847	7.51000	47.80000	85.00000	-0.010435
17	Highgate Chapel		HGC.3	0.0	0.0	7.51000	47.80000	85.00000	85.00000	-0.010435
						0.49831	7.55878	48.29592	85.00000	-0.010447
						0.99662	7.60755	48.79184	85.00000	-0.010458
						1.4949	7.65633	49.28776	85.00000	-0.010467
						1.9932	7.70510	49.78367	85.00000	-0.010472
						2.4916	7.75388	50.27959	85.00000	-0.010475
						2.9899	7.80265	50.77551	85.00000	-0.010475
						3.4882	7.85143	51.27143	85.00000	-0.010471
						3.9865	7.90020	51.76735	85.00000	-0.010464
						4.4848	7.94898	52.26327	85.00000	-0.010453
						4.9831	7.99776	52.75918	85.00000	-0.010438
						5.4814	8.04653	53.25510	85.00000	-0.010418
						5.9797	8.09531	53.75102	85.00000	-0.010395
						6.4780	8.14408	54.24694	85.00000	-0.010367
						6.9764	8.19286	54.74286	85.00000	-0.010334
						7.4747	8.24163	55.23878	85.00000	-0.010297
						7.9730	8.29041	55.73469	85.00000	-0.010256
						8.4713	8.339			



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

										Job No.	Sheet No.	Rev.
										3500		
										Drg. Ref.		
										Made by PES	Date 01-Nov-2024	Checked Date
Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz		
					[m]	[m]	[m]	[m]	[m]	[mm]		
						20.431	9.50980	68.13265	85.00000	-0.0081080	d	
						20.929	9.55857	68.62857	85.00000	-0.0079970	d	
						21.427	9.60735	69.12449	85.00000	-0.0078857	d	
						21.926	9.65612	69.62041	85.00000	-0.0077740	d	
						22.424	9.70490	70.11633	85.00000	-0.0076623	d	
						22.922	9.75367	70.61224	85.00000	-0.0075506	d	
						23.421	9.80245	71.10816	85.00000	-0.0074390	d	
						23.919	9.85122	71.60408	85.00000	-0.0073276	d	
						24.417	9.90000	72.10000	85.00000	-0.0072166	d	
18	Highgate Chapel		HGC.4	0.0	0.0	0.0	7.12000	43.02000	85.00000	-0.010258	d	
						0.48972	7.56000	43.23500	85.00000	-0.010127	d	
						0.97944	8.00000	43.45000	85.00000	-0.0099630	d	
						1.4692	8.44000	43.66500	85.00000	-0.0097622	d	
						1.9589	8.88000	43.88000	85.00000	0.054883	d	
						2.4486	9.32000	44.09500	85.00000	0.13141	d	
						2.9383	9.76000	44.31000	85.00000	0.20717	d	
19	Highgate Chapel		HGC.5	0.0	0.0	0.0	9.76000	44.31000	85.00000	0.20717	d	
						0.51133	9.98556	43.85111	85.00000	0.27279	d	
						1.0227	10.21111	43.39222	85.00000	0.33707	d	
						1.5340	10.43667	42.93333	85.00000	0.39995	d	
						2.0453	10.66222	42.47444	85.00000	0.46135	d	
						2.5566	10.88778	42.01556	85.00000	0.52123	d	
						3.0680	11.11333	41.55667	85.00000	0.57950	d	
						3.5793	11.33889	41.09778	85.00000	0.63612	d	
						4.0906	11.56444	40.63889	85.00000	0.69100	d	
						4.6019	11.79000	40.18000	85.00000	0.74408	d	
20	Highgate Chapel		HGC.6	0.0	0.0	0.0	11.79000	40.18000	85.00000	0.74408	d	
						0.51804	11.32500	39.95167	85.00000	0.65308	d	
						1.0361	10.86000	39.72333	85.00000	0.56160	d	
						1.5541	10.39500	39.49500	85.00000	0.46965	d	
						2.0721	9.93000	39.26667	85.00000	0.37726	d	
						2.5902	9.46500	39.03833	85.00000	0.28446	d	
						3.1082	9.00000	38.81000	85.00000	0.19127	d	
21	Highgate Chapel		HGC.7	0.0	0.0	0.0	9.00000	38.81000	85.00000	0.19127	d	
						0.51230	8.79111	39.27778	85.00000	0.14814	d	
						1.0246	8.58222	39.74556	85.00000	0.10318	d	
						1.5369	8.37333	40.21333	85.00000	0.056451	d	
						2.0492	8.16444	40.68111	85.00000	0.0079945	d	
						2.5615	7.95556	41.14889	85.00000	-0.0097656	d	
						3.0738	7.74667	41.61667	85.00000	-0.0099164	d	
						3.5861	7.53778	42.08444	85.00000	-0.010049	d	
						4.0984	7.32889	42.55222	85.00000	-0.010162	d	
22	Highgate Chapel		HGC.8	0.0	0.0	0.0	7.12000	43.02000	85.00000	-0.010258	d	
						0.0	15.93000	41.05000	85.00000	1.6768	d	
						0.49428	16.27700	41.40200	85.00000	1.7492	d	
						0.98856	16.62400	41.75400	85.00000	1.8209	d	
						1.4828	16.97100	42.10600	85.00000	1.8932	d	
						1.9771	17.31800	42.45800	85.00000	1.9659	d	
						2.4714	17.66500	42.81000	85.00000	2.0379	d	
						2.9657	18.01200	43.16200	85.00000	2.1091	d	
						3.4600	18.35900	43.51400	85.00000	2.1790	d	
						3.9542	18.70600	43.86600	85.00000	2.2472	d	
						4.4485	19.05300	44.21800	85.00000	2.3131	d	
						4.9428	19.40000	44.57000	85.00000	2.3762	d	
23	Highgate Chapel		HGC.9	0.0	0.0	0.0	19.40000	44.57000	85.00000	2.3762	d	
						0.51338	19.76600	44.21000	85.00000	2.5498	d	
						1.0268	20.13200	43.85000	85.00000	2.7352	d	
						1.5401	20.49800	43.49000	85.00000	2.9323	d	
						2.0535	20.86400	43.13000	85.00000	3.1407	d	
						2.5669	21.23000	42.77000	85.00000	3.3596	d	
						3.0803	21.59600	42.41000	85.00000	3.5881	d	
						3.5936	21.96200	42.05000	85.00000	3.8249	d	
						4.1070	22.32800	41.69000	85.00000	4.0685	d	
						4.6204	22.69400	41.33000	85.00000	4.3171	d	
24	Highgate Chapel		HGC.10	0.0	0.0	0.0	23.06000	40.97000	85.00000	4.5688	d	
						0.49428	22.71300	40.61800	85.00000	4.4040	d	
						0.98856	22.36600	40.26600	85.00000	4.2582	d	
						1.4828	22.01900	39.91400	85.00000	4.1043	d	
						1.9771	21.67200	39.56200	85.00000	3.9439	d	
						2.4714	21.32500	39.21000	85.00000	3.7788	d	
						2.9657	20.97800	38.85800	85.00000	3.6107	d	
						3.4600	20.63100	38.50600	85.00000	3.4413	d	
						3.9542	20.28400	38.15400	85.00000	3.2721	d	
						4.4485	19.93700	37.80200	85.00000	3.1046	d	
25	Highgate Chapel		HGC.11	0.0	0.0	0.0	19.59000	37.45000	85.00000	2.9414	d	
						0.51338	19.22400	37.81000	85.00000	2.7930	d	
						1.0268	18.85800	38.17000	85.00000	2.6496	d	
						1.5401	18.49200	38.53000	85.00000	2.5105	d	
						2.0535	18.12600	38.89000	85.00000	2.3764	d	
						2.5669	17.76000	39.25000	85.00000	2.2474	d	
						3.0803	17.39400	39.61000	85.00000	2.1236	d	
						3.5936	17.02800	39.97000	85.00000	2.0051	d	
						4.1070	16.66200	40.33000	85.00000	1.8915	d	
						4.6204	16.29600	40.69000	85.00000	1.7823	d	
26	81 Swain's Ln		81.SL.1	0.0	5.1338	0.0	19.59000	41.05000	85.00000	1.6768	d	
					0.0	0.0	12.32000	22.91000	85.00000	0.30849	d	
						0.49414	12.33810	23.40381	85.00000	0.35286	d	
						0.98828	12.35619	23.89762	85.00000	0.39546	d	
						1.4824	12.37429	24.39143	85.00000	0.43626	d	
						1.9766	12.39238	24.88524	85.00000	0.47519	d	
						2.4707	12.41048	25.37905	85.00000	0.51219	d	
						2.9648	12.42857	25.87286	85.00000	0.54723	d	
						3.4590	12.44667	26.36667	85.00000	0.58025	d	
						3.9531	12.46476	26.86048	85.00000	0.61120	d	
						4.4473	12.48286	27.35429	85.00000	0.64003	d	
						4.9414	12.50095	27.84810	85.00000	0.66670	d	
						5.4356	12.51905	28.34190	85.00000	0.69116	d	
						5.9297	12.53714	28.83571	85.00000	0.71338	d	
						6.4238	12.55524	29.32952	85.00000	0.73330		

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [m]	δz [mm]	
						4.0280	18.69714	29.03333	85.00000	2.1958	d
						4.5315	18.68429	28.53000	85.00000	2.1501	d
						5.0350	18.67143	28.02667	85.00000	2.1008	d
						5.5385	18.65857	27.52333	85.00000	2.0484	d
						6.0420	18.64571	27.02000	85.00001	1.9934	d
						6.5455	18.63286	26.51667	85.00000	1.9360	d
						7.0490	18.62000	26.01333	85.00000	1.8767	d
						7.5525	18.60714	25.51000	85.00000	1.8157	d
						8.0560	18.59429	25.00667	85.00000	1.7533	d
						8.5595	18.58143	24.50333	85.00000	1.6896	d
						9.0630	18.56857	24.00000	85.00000	1.6247	d
						9.5665	18.55571	23.49667	85.00000	1.5587	d
						10.070	18.54286	22.99333	85.00000	1.4921	d
29	81 Swain's Ln		81.SL.4	0.0	0.0	10.573	18.53000	22.49000	85.00000	1.4240	d
						0.51868	18.01250	22.52500	85.00000	1.3292	d
						1.0374	17.49500	22.56000	85.00000	1.2322	d
						1.5560	16.97750	22.59500	85.00000	1.1316	d
						2.0747	16.46000	22.63000	85.00000	1.0253	d
						2.5934	15.94250	22.66500	85.00000	0.93467	d
						3.1121	15.42500	22.70000	85.00000	0.84703	d
						3.6308	14.90750	22.73500	85.00000	0.75873	d
						4.1495	14.39000	22.77000	85.00000	0.66981	d
						4.6681	13.87250	22.80500	85.00000	0.58029	d
						5.1868	13.35500	22.84000	85.00000	0.49021	d
						5.7055	12.83750	22.87500	85.00000	0.39960	d
						6.2242	12.32000	22.91000	85.00000	0.30849	d
30	81 Swain's Ln		81.SL.5	0.0	0.0	6.2242	12.32000	22.91000	85.00000	0.30849	d
						0.50739	3.49706	26.51176	85.00000	-0.010119	d
						1.0148	4.00412	26.49353	85.00000	-0.010330	d
						1.5222	4.51118	26.47529	85.00000	-0.010414	d
						2.0295	5.01824	26.45706	85.00000	-0.010480	d
						2.5369	5.52529	26.43882	85.00000	-0.010526	d
						3.0443	6.03235	26.42059	85.00000	-0.010548	d
						3.5517	6.53941	26.40235	85.00000	-0.010542	d
						4.0591	7.04647	26.38412	85.00000	-0.010505	d
						4.5665	7.55353	26.36588	85.00000	-0.010432	d
						5.0739	8.06059	26.34765	85.00000	-0.010318	d
						5.5813	8.56765	26.32941	85.00000	-0.010156	d
						6.0886	9.07471	26.31118	85.00000	-0.0099414	d
						6.5960	9.58176	26.29294	85.00000	0.021213	d
						7.1034	10.08882	26.27471	85.00000	0.11860	d
						7.6108	10.59588	26.25647	85.00000	0.21587	d
						8.1182	11.10294	26.23824	85.00000	0.31303	d
						8.6256	11.61000	26.22000	85.00000	0.41007	d
31	81 Swain's Ln		81.SL.6	0.0	0.0	8.6256	11.61000	26.22000	85.00000	0.41007	d
						0.48034	11.59200	25.74000	85.00000	0.37846	d
						0.96067	11.57400	25.26000	85.00000	0.34500	d
						1.4410	11.55600	24.78000	85.00000	0.30975	d
						1.9213	11.53800	24.30000	85.00000	0.27202	d
						2.4017	11.52000	23.82000	85.00000	0.23400	d
						2.8820	11.50200	23.34000	85.00000	0.19360	d
						3.3624	11.48400	22.86000	85.00000	0.15157	d
						3.8427	11.46600	22.38000	85.00000	0.10796	d
						4.3230	11.44800	21.90000	85.00000	0.062806	d
						4.8034	11.43000	21.42000	85.00000	0.016160	d
32	81 Swain's Ln		81.SL.7	0.0	0.0	4.8034	11.43000	21.42000	85.00000	0.016160	d
						0.50423	10.92588	21.43059	85.00000	-0.010098	d
						1.0085	10.42176	21.44118	85.00000	-0.010266	d
						1.5127	9.91765	21.45176	85.00000	-0.010393	d
						2.0169	9.41353	21.46235	85.00000	-0.010479	d
						2.5211	8.90941	21.47294	85.00000	-0.010534	d
						3.0254	8.40529	21.48353	85.00000	-0.010559	d
						3.5296	7.90118	21.49412	85.00000	-0.010557	d
						4.0338	7.39706	21.50471	85.00000	-0.010532	d
						4.5381	6.89294	21.51529	85.00000	-0.010487	d
						5.0423	6.38882	21.52588	85.00000	-0.010424	d
						5.5465	5.88471	21.53647	85.00000	-0.010345	d
						6.0507	5.38059	21.54706	85.00000	-0.010252	d
						6.5550	4.87647	21.55765	85.00000	-0.010148	d
						7.0592	4.37235	21.56824	85.00000	-0.010033	d
						7.5634	3.86824	21.57882	85.00000	-0.0099099	d
						8.0677	3.36412	21.58941	85.00000	-0.0097791	d
						8.5719	2.86000	21.60000	85.00000	-0.0096421	d
33	81 Swain's Ln		81.SL.8	0.0	0.0	8.5719	2.86000	21.60000	85.00000	-0.0096421	d
						0.49317	2.87300	22.09300	85.00000	-0.0097016	d
						0.98634	2.88600	22.58600	85.00000	-0.0097584	d
						1.4795	2.89900	23.07900	85.00000	-0.0098127	d
						1.9727	2.91200	23.57200	85.00000	-0.0098643	d
						2.4659	2.92500	24.06500	85.00000	-0.0099133	d
						2.9590	2.93800	24.55800	85.00000	-0.0099596	d
						3.4522	2.95100	25.05100	85.00000	-0.010003	d
						3.9454	2.96400	25.54400	85.00000	-0.010044	d
						4.4385	2.97700	26.03700	85.00000	-0.010083	d
						4.9317	2.99000	26.53000	85.00000	-0.010119	d
34	79 Swain's Ln		79.SL.1	0.0	0.0	4.9317	2.99000	26.53000	85.00000	-0.010119	d
						0.49646	0.49622	21.15432	85.00000	-0.0088857	d
						0.99293	0.99243	21.13865	85.00000	-0.0090360	d
						1.4894	1.48865	21.12297	85.00000	-0.0091845	d
						1.9859	1.98486	21.10730	85.00000	-0.0093307	d
						2.4823	2.48108	21.09162	85.00000	-0.0094737	d
						2.9788	2.97730	21.07595	85.00000	-0.0096130	d
						3.4752	3.47351	21.06027	85.00000	-0.0097475	d
						3.9717	3.96973	21.04459	85.00000	-0.0098764	d
						4.4682	4.46595	21.02892	85.00000	-0.0099986	d
						4.9646	4.96216	21.01324	85.00000	-0.010113	d
						5.4611	5.45838	20.99757	85.00000	-0.010218	d
						5.9576	5.95459	20.98189	85.00000	-0.010312	d
						6.4540	6.45081	20.96622	85.00000	-0.010395	d
						6.9505	6.94703	20.95054	85.00000	-0.010463	d
						7.4470	7.44324	20.93486	85.00000	-0.010515	d
						7.9434	7.93946	20.91919	85.00000	-0.010549	d
						8.4399	8.43568	20.90351	85.00000	-0.010563	d
						8.9363	8.93189	20.88784	85.00000	-0.010553	d
						9.4328	9.42811	20.87216	85.00000	-0.010518	d
						9.9293	9.92432	20.85649	85.00000	-0.010453	d
						10.426	10.42054	20.84081	85.00000	-0.010356	d
						10.922	10.91676	20.82514	85.00000	-0.010222	d
						11.419	11.41297	20.80946	85.00000	-0.0101048	d
						11.915	11.90919	20.79378	85.00000	0.041380	d
						12.412	12.40541	20.77811	85.00000	0.12649	d
						12.908	12.90162	20.76243	85.00000	0.21107	d
						13.405	13.39784	20.74676	85.00000	0.29510	d
						13.901	13.89405	20.73108	85.00000	0.37855	d
						14.397	14.39027	20.71541	85.00000	0.46139	d
						14.894	14.88649	20.69973	85.00000	0.54358	d
						15.390	15.38270	20.68405	85.00000	0.62510	d
						15.887	15.87892	20.66838	85.00000	0.70589	d
						16.383	16.37514	20.65270	85.00000	0.78597	d
						16.880	16.87135	20.63703	85.00000	0.86517	d
						17.376	17.36757	20.62135	85.00000	0.94357	d
						17.873	17.86378	20.60568	85.00000	1.0247	d
						18.369	18.36000	20.59000	85.00000	1.1201	d
						0.0	18.36000	20.59000	85.00000	1.1201	d
35	79 Swain's Ln		79.SL.2	0.0	0.0	0.50038	18.32944	20.09056	85.00000	1.0328	d
						1.0008	18.29889	19.59111	85.00000	0.95580	d
						1.5011	18.26833	19.09167	85.00000	0.88308	d
						2.0015	18.23778	18.59222	85.00000	0.80923	d
						2.					



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	[mm]
						3.5026	18.14611	17.09389	85.00000	0.58154 d
						4.0030	18.11556	16.59444	85.00000	0.50377 d
						4.5034	18.08500	16.09500	85.00000	0.42514 d
						5.0038	18.05444	15.59556	85.00000	0.34570 d
						5.5042	18.02389	15.09611	85.00000	0.26548 d
						6.0045	17.99333	14.59667	85.00000	0.18453 d
						6.5049	17.96278	14.09722	85.00000	0.10288 d
						7.0053	17.93222	13.59778	85.00000	0.020574 d
						7.5057	17.90167	13.09833	85.00000	-0.010088 d
						8.0061	17.87111	12.59889	85.00000	-0.010260 d
						8.5064	17.84056	12.09944	85.00000	-0.010394 d
						9.0068	17.81000	11.60000	85.00000	-0.010494 d
36	79 Swain's Ln			79.SL.3	0.0	0.0	17.81000	11.60000	85.00000	-0.010494 d
						0.49352	17.31739	11.63000	85.00000	-0.010543 d
						0.98704	16.82478	11.66000	85.00000	-0.010578 d
						1.4806	16.33217	11.69000	85.00000	-0.010600 d
						1.9741	15.83957	11.72000	85.00000	-0.010609 d
						2.4676	15.34696	11.75000	85.00000	-0.010607 d
						2.9611	14.85435	11.78000	85.00000	-0.010593 d
						3.4546	14.36174	11.81000	85.00000	-0.010568 d
						3.9482	13.86913	11.84000	85.00000	-0.010533 d
						4.4417	13.37652	11.87000	85.00000	-0.010488 d
						4.9352	12.88391	11.90000	85.00000	-0.010434 d
						5.4287	12.39130	11.93000	85.00000	-0.010372 d
						5.9223	11.89870	11.96000	85.00000	-0.010302 d
						6.4158	11.40609	11.99000	85.00000	-0.010225 d
						6.9093	10.91348	12.02000	85.00000	-0.010141 d
						7.4028	10.42087	12.05000	85.00000	-0.010051 d
						7.8963	9.92826	12.08000	85.00000	-0.0099550 d
						8.3899	9.43565	12.11000	85.00000	-0.0098542 d
						8.8834	8.94304	12.14000	85.00000	-0.0097488 d
						9.3769	8.45043	12.17000	85.00000	-0.0096392 d
						9.8704	7.95783	12.20000	85.00000	-0.0095260 d
						10.364	7.46522	12.23000	85.00000	-0.0094095 d
						10.857	6.97261	12.26000	85.00000	-0.0092902 d
						11.351	6.48000	12.29000	85.00000	-0.0091684 d
37	79 Swain's Ln			79.SL.4	0.0	0.0	6.48000	12.29000	85.00000	-0.0091684 d
						0.48889	6.48111	12.77889	85.00000	-0.0092641 d
						0.97778	6.48222	13.26778	85.00000	-0.0093576 d
						1.4667	6.48333	13.75667	85.00000	-0.0094486 d
						1.9556	6.48444	14.24556	85.00000	-0.0095370 d
						2.4445	6.48556	14.73444	85.00000	-0.0096226 d
						2.9333	6.48667	15.22333	85.00000	-0.0097052 d
						3.4222	6.48778	15.71222	85.00000	-0.0097847 d
						3.9111	6.48889	16.20111	85.00000	-0.0098608 d
						4.4000	6.49000	16.69000	85.00000	-0.0099335 d
38	79 Swain's Ln			79.SL.5	0.0	0.0	6.49000	16.69000	85.00000	-0.0099335 d
						0.49957	5.99077	16.70846	85.00000	-0.0098157 d
						0.99914	5.49154	16.72692	85.00000	-0.0096923 d
						1.4987	4.99231	16.74538	85.00000	-0.0095643 d
						1.9983	4.49308	16.76385	85.00000	-0.0094321 d
						2.4979	3.99385	16.78231	85.00000	-0.0092966 d
						2.9974	3.49462	16.80077	85.00000	-0.0091584 d
						3.4970	2.99538	16.81923	85.00000	-0.0090179 d
						3.9966	2.49615	16.83769	85.00000	-0.0088757 d
						4.4961	1.99692	16.85615	85.00000	-0.0087323 d
						4.9957	1.49769	16.87462	85.00000	-0.0085880 d
						5.4953	0.99846	16.89308	85.00000	-0.0084432 d
						5.9949	0.49923	16.91154	85.00000	-0.0082984 d
39	184 to 210 Oakeshott Ave			184to210.OA.1	0.0	0.0	9.09000	0.00000	85.00000	-0.0081536 d
						0.0	9.09000	0.00000	85.00000	-0.0069775 d
						0.58380	8.92500	0.56000	85.00000	-0.0070776 d
						1.1676	8.76000	1.12000	85.00000	-0.0071774 d
40	184 to 210 Oakeshott Ave			184to210.OA.2	0.0	0.0	8.76000	1.12000	85.00000	-0.0071774 d
						0.49749	9.23722	1.26056	85.00000	-0.0073053 d
						0.99498	9.71444	1.40111	85.00000	-0.0074344 d
						1.4925	10.19167	1.54167	85.00000	-0.0075646 d
						1.9900	10.66889	1.68222	85.00000	-0.0076956 d
						2.4875	11.14611	1.82278	85.00000	-0.0078274 d
						2.9849	11.62333	1.96333	85.00000	-0.0079598 d
						3.4824	12.10056	2.10389	85.00000	-0.0080927 d
						3.9799	12.57778	2.24444	85.00000	-0.0082258 d
						4.4774	13.05500	2.38500	85.00000	-0.0083589 d
						4.9749	13.53222	2.52556	85.00000	-0.0084919 d
						5.4724	14.00944	2.66611	85.00000	-0.0086245 d
						5.9699	14.48667	2.80667	85.00000	-0.0087564 d
						6.4674	14.96389	2.94722	85.00000	-0.0088873 d
						6.9649	15.44111	3.08778	85.00000	-0.0090170 d
						7.4624	15.91833	3.22833	85.00000	-0.0091451 d
						7.9598	16.39556	3.36889	85.00000	-0.0092713 d
						8.4573	16.87278	3.50944	85.00000	-0.0093953 d
						8.9548	17.35000	3.65000	85.00000	-0.0095165 d
41	184 to 210 Oakeshott Ave			184to210.OA.3	0.0	0.0	17.35000	3.65000	85.00000	-0.0095165 d
						0.47761	17.49125	3.19375	85.00000	-0.0094175 d
						0.95523	17.63250	2.73750	85.00000	-0.0093160 d
						1.4328	17.77375	2.28125	85.00000	-0.0092122 d
						1.9105	17.91500	1.82500	85.00000	-0.0091064 d
						2.3881	18.05625	1.36875	85.00000	-0.0089988 d
						2.8657	18.19750	0.91250	85.00000	-0.0088897 d
						3.3433	18.33875	0.45625	85.00000	-0.0087791 d
						3.8209	18.48000	0.00000	85.00000	-0.0086674 d
42	Existing Tunnel Wall Gardeners Compound			ETWGC.1	0.0	0.0	32.07000	36.91000	85.00000	12.133 d
						0.48730	31.58471	36.86588	85.00000	12.118 d
						0.97459	31.09941	36.82176	85.00000	11.900 d
						1.4619	30.61412	36.77765	85.00000	11.388 d
						1.9492	30.12882	36.73353	85.00000	10.374 d
						2.4365	29.64353	36.68941	85.00000	9.8301 d
						2.9238	29.15824	36.64529	85.00000	9.3874 d
						3.4111	28.67294	36.60118	85.00000	8.9875 d
						3.8984	28.18765	36.55706	85.00000	8.6073 d
						4.3857	27.70235	36.51294	85.00000	8.2362 d
						4.8730	27.21706	36.46882	85.00000	7.8692 d
						5.3602	26.73176	36.42471	85.00000	7.5040 d
						5.8475	26.24647	36.38059	85.00000	7.1401 d
						6.3348	25.76118	36.33647	85.00000	6.7780 d



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	[mm]
						7.1046	30.83588	34.03118	85.00000	11.179
						7.6121	31.34059	34.08412	85.00000	11.761
						8.1196	31.84529	34.13706	85.00000	12.005
						8.6271	32.35000	34.19000	85.00000	12.029
45	Existing Tunnel Wall	Highgate Chapel	ETWHGC.1		0.0	0.0	9.58000	47.66000	85.00000	-0.009812
						0.50436	9.65500	47.16125	85.00000	0.016604
						1.0087	9.73000	46.66250	85.00000	0.065051
						1.5131	9.80500	46.16375	85.00000	0.11184
						2.0174	9.88000	45.66500	85.00000	0.15691
						2.5218	9.95500	45.16625	85.00000	0.20021
						3.0261	10.03000	44.66750	85.00000	0.24170
						3.5305	10.10500	44.16875	85.00000	0.28132
						4.0349	10.18000	43.67000	85.00000	0.31902
46	Existing Tunnel Wall	Highgate Chapel	ETWHGC.2		0.0	0.0	10.18000	43.67000	85.00000	0.31902
						0.53865	10.69000	43.84333	85.00000	0.41118
						1.0773	11.20000	44.01667	85.00000	0.50269
						1.6160	11.71000	44.19000	85.00000	0.59352
						2.1546	12.22000	44.36333	85.00000	0.68361
						2.6933	12.73000	44.53667	85.00000	0.77294
						3.2319	13.24000	44.71000	85.00000	0.86145
47	Existing Tunnel Wall	Highgate Chapel	ETWHGC.3		0.0	0.0	13.24000	44.71000	85.00000	0.86145
						0.46578	13.14833	45.16667	85.00000	0.81488
						0.93155	13.05667	45.62333	85.00000	0.76672
						1.3973	12.96500	46.08000	85.00000	0.71702
						1.8631	12.87333	46.53667	85.00000	0.66584
						2.3289	12.78167	46.99333	85.00000	0.61322
						2.7947	12.69000	47.45000	85.00000	0.55923
48	Swain's Ln West Wall		SL.WW.1		0.0	0.0	14.54000	50.95000	85.00000	0.55934
						0.50410	14.83455	50.54091	85.00000	0.65137
						1.0082	15.12909	50.13182	85.00000	0.74355
						1.5123	15.42364	49.72273	85.00000	0.83592
						2.0164	15.71818	49.31364	85.00000	0.92848
						2.5205	16.01273	48.90455	85.00000	1.0256
						3.0246	16.30727	48.49545	85.00000	1.1476
						3.5287	16.60182	48.08636	85.00000	1.2618
						4.0328	16.89636	47.67727	85.00000	1.3714
						4.5369	17.19091	47.26818	85.00000	1.4794
						5.0410	17.48545	46.85909	85.00000	1.5880
49	Swain's Ln West Wall		SL.WW.2		0.0	5.5451	17.78000	46.45000	85.00000	1.7004
						0.0	17.78000	46.45000	85.00000	1.7004
						0.49559	18.16667	46.14000	85.00000	1.8275
						0.99118	18.55333	45.83000	85.00000	1.9623
						1.4868	18.94000	45.52000	85.00000	2.1066
						1.9824	19.32667	45.21000	85.00000	2.2616
						2.4780	19.71333	44.90000	85.00000	2.4284
						2.9736	20.10000	44.59000	85.00000	2.6078
						3.4691	20.48667	44.28000	85.00000	2.8001
						3.9647	20.87333	43.97000	85.00000	3.0055
50	Swain's Ln West Wall		SL.WW.3		0.0	4.4603	21.26000	43.66000	85.00000	3.2239
						0.0	21.26000	43.66000	85.00000	3.2239
						0.49973	21.54750	43.25125	85.00000	3.4266
						0.99947	21.83500	42.84250	85.00000	3.6354
						1.4992	22.12250	42.43375	85.00000	3.8487
						1.9989	22.41000	42.02500	85.00000	4.0648
						2.4987	22.69750	41.61625	85.00000	4.2820
						2.9984	22.98500	41.20750	85.00000	4.4984
						3.4981	23.27250	40.79875	85.00000	4.7118
51	Swain's Ln West Wall		SL.WW.4		0.0	3.9979	23.56000	40.39000	85.00000	4.9307
						0.0	23.56000	40.39000	85.00000	4.9307
						0.52804	23.88571	39.87714	85.00000	5.0867
						1.0561	23.81143	39.36429	85.00000	5.2308
						1.5841	23.93714	38.85143	85.00000	5.3609
						2.1122	24.06286	38.33857	85.00000	5.4752
						2.6402	24.18857	37.82571	85.00000	5.5773
						3.1682	24.31429	37.31286	85.00000	5.6848
52	Swain's Ln West Wall		SL.WW.5		0.0	3.6963	24.44000	36.80000	85.00000	5.7922
						0.0	24.44000	36.80000	85.00000	5.7922
						0.49934	24.44333	36.30067	85.00000	5.8108
						0.99869	24.44667	35.80133	85.00000	5.8265
						1.4980	24.45000	35.30200	85.00000	5.8395
						1.9974	24.45333	34.80267	85.00000	5.8497
						2.4967	24.45667	34.30333	85.00000	5.7508
						2.9961	24.46000	33.80400	85.00000	5.6470
						3.4954	24.46333	33.30467	85.00000	5.5427
						3.9948	24.46667	32.80533	85.00000	5.4380
						4.4941	24.47000	32.30600	85.00000	5.3332
						4.9934	24.47333	31.80667	85.00000	5.2284
						5.4928	24.47667	31.30733	85.00000	5.1399
						5.9921	24.48000	30.80800	85.00000	5.0566
						6.4915	24.48333	30.30867	85.00000	4.9593
						6.9908	24.48667	29.80933	85.00000	4.8492
						7.4902	24.49000	29.31000	85.00000	4.7279
						7.9895	24.49333	28.81067	85.00000	4.5967
						8.4889	24.49667	28.31133	85.00000	4.4573
						8.9882	24.50000	27.81200	85.00000	4.3109
						9.4875	24.50333	27.31267	85.00000	4.1592
						9.9869	24.50667	26.81333	85.00000	4.0226
						10.486	24.51000	26.31400	85.00000	3.8866
						10.986	24.51333	25.81467	85.00000	3.7441
						11.485	24.51667	25.31533	85.00000	3.5965
						11.984	24.52000	24.81600	85.00000	3.4456
						12.484	24.52333	24.31667	85.00000	3.2926
						12.983	24.52667	23.81733	85.00000	3.1392
						13.482	24.53000	23.31800	85.00000	2.9865
						13.982	24.53333	22.81867	85.00000	2.8359
						14.481	24.53667	22.31933	85.00000	2.6883
						14.980	24.54000	21.82000	85.00000	2.5447
53	Swain's Ln West Wall		SL.WW.6		0.0	0.0	24.54000	21.82000	85.00000	2.5447
						0.49253	24.53458	21.32750	85.00000	2.4058
						0.98506	24.52917	20.83500	85.00000	2.2722
						1.4776	24.52375	20.34250	85.00000	2.1442
						1.9701	24.51833	19.85000	85.00000	2.0217
						2.4626	24.51292	19.35750	85.00000	1.9045
						2.9552	24.50750	18.86500	85.00000	1.7922
						3.4477	24.50208	18.37250	85.00000	1.6861
						3.9402	24.49667	17.88000	85.00000	1.5859
						4.4328	24.49125	17.38750	85.00000	1.4869
						4.9253	24.48583	16.89500	85.00000	1.3878



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Oasys

Highgate Cemetery

B2

A-SQUARED STUDIO

ENGINEERS LTD

Job No.

3500

Drg. Ref.

Sheet No.

Rev.

Made by

PES

Date

01-Nov-2024

Checked

Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	[mm]
						3.9573	20.45541	10.14703	85.00000	-0.010421
						4.4520	19.96108	10.16541	85.00000	-0.010484
						4.9467	19.46676	10.18378	85.00000	-0.010534
						5.4413	18.97243	10.20216	85.00000	-0.010574
						5.9360	18.47811	10.22054	85.00000	-0.010601
						6.4307	17.98378	10.23892	85.00000	-0.010617
						6.9253	17.48946	10.25730	85.00000	-0.010623
						7.4200	16.99514	10.27568	85.00000	-0.010618
						7.9147	16.50081	10.29405	85.00000	-0.010603
						8.4093	16.00649	10.31243	85.00000	-0.010578
						8.9040	15.51216	10.33081	85.00000	-0.010543
						9.3987	15.01784	10.34919	85.00000	-0.010500
						9.8933	14.52351	10.36757	85.00000	-0.010449
						10.388	14.02919	10.38595	85.00000	-0.010390
						10.883	13.53486	10.40432	85.00000	-0.010323
						11.377	13.04054	10.42270	85.00000	-0.010250
						11.872	12.54622	10.44108	85.00000	-0.010170
						12.367	12.05189	10.45946	85.00000	-0.010084
						12.861	11.55757	10.47784	85.00000	-0.0099925
						13.356	11.06324	10.49622	85.00000	-0.0098962
						13.851	10.56892	10.51459	85.00000	-0.0097953
						14.345	10.07459	10.53297	85.00000	-0.0096903
						14.840	9.58027	10.55135	85.00000	-0.0095815
						15.335	9.08595	10.56973	85.00000	-0.0094694
						15.829	8.59162	10.58811	85.00000	-0.0093543
						16.324	8.09730	10.60649	85.00000	-0.0092366
						16.819	7.60297	10.62486	85.00000	-0.0091166
						17.313	7.10865	10.64324	85.00000	-0.0089947
						17.808	6.61432	10.66162	85.00000	-0.0088712
						18.303	6.12000	10.68000	85.00000	-0.0087463
55	Swain's Ln West Wall		SL.WW.8	0.0	0.0	0.48434	5.64923	10.56615	85.00000	-0.0085992
						0.96868	5.17846	10.45231	85.00000	-0.0084518
						1.4530	4.70769	10.33846	85.00000	-0.0083044
						1.9374	4.23692	10.22462	85.00000	-0.0081574
						2.4217	3.76615	10.11077	85.00000	-0.0080111
						2.9060	3.29538	9.99692	85.00000	-0.0078656
						3.3904	2.82462	9.88308	85.00000	-0.0077212
						3.8747	2.35385	9.76923	85.00000	-0.0075781
						4.3591	1.88308	9.65538	85.00000	-0.0074365
						4.8434	1.41231	9.54154	85.00000	-0.0072964
						5.3277	0.94154	9.42769	85.00000	-0.0071581
						5.8121	0.47077	9.31385	85.00000	-0.0070216
56	Swain's Ln East Wall		SL.EW.1	0.0	0.0	6.2964	0.00000	9.20000	85.00000	-0.0068870
						0.0	32.74000	72.10000	85.00000	-0.010181
						0.51826	32.67500	71.58583	85.00000	-0.010297
						1.0365	32.61000	71.07167	85.00000	-0.010400
						1.5548	32.54500	70.55750	85.00000	-0.010486
						2.0730	32.48000	70.04333	85.00000	-0.010553
						2.5913	32.41500	69.52917	85.00000	-0.010597
						3.1096	32.35000	69.01500	85.00000	-0.010614
						3.6278	32.28500	68.50083	85.00000	-0.010601
						4.1461	32.22000	67.98667	85.00000	-0.010553
						4.6643	32.15500	67.47250	85.00000	-0.010464
						5.1826	32.09000	66.95833	85.00000	-0.010329
						5.7008	32.02500	66.44417	85.00000	-0.010139
57	Swain's Ln East Wall		SL.EW.2	0.0	0.0	6.2191	31.96000	65.93000	85.00000	-0.0098881
						0.0	31.62000	63.20000	85.00000	0.47253
						0.49484	31.55810	62.70905	85.00000	0.56997
						0.98968	31.49619	62.21810	85.00000	0.66744
						1.4845	31.43429	61.72714	85.00000	0.76495
						1.9794	31.37238	61.23619	85.00000	0.86252
						2.4742	31.31048	60.74524	85.00000	0.96017
						2.9690	31.24857	60.25429	85.00000	1.0710
						3.4639	31.18667	59.76333	85.00000	1.1899
						3.9587	31.12476	59.27238	85.00000	1.3037
						4.4536	31.06286	58.78143	85.00000	1.4151
						4.9484	31.00095	58.29048	85.00000	1.5264
						5.4432	30.93905	57.79952	85.00000	1.6398
						5.9381	30.87714	57.30857	85.00000	1.7570
						6.4329	30.81524	56.81762	85.00000	1.8795
						6.9278	30.75333	56.32667	85.00000	2.0086
						7.4226	30.69143	55.83571	85.00000	2.1452
						7.9174	30.62952	55.34476	85.00000	2.2902
						8.4123	30.56762	54.85381	85.00000	2.4440
						8.9071	30.50571	54.36286	85.00000	2.6067
						9.4020	30.44381	53.87190	85.00000	2.7785
						9.8968	30.38190	53.38095	85.00000	2.9590
58	Swain's Ln East Wall		SL.EW.3	0.0	0.0	10.392	30.32000	52.89000	85.00000	3.1478
						0.0	30.32000	52.89000	85.00000	3.1478
						0.48905	30.35706	52.40235	85.00000	3.3580
						0.97811	30.39412	51.91471	85.00000	3.5780
						1.4672	30.43118	51.42706	85.00000	3.8069
						1.9562	30.46824	50.93941	85.00000	4.0439
						2.4453	30.50529	50.45176	85.00000	4.2877
						2.9343	30.54235	49.96412	85.00000	4.5270
						3.4234	30.57941	49.47647	85.00000	4.7904
						3.9124	30.61647	48.98882	85.00000	5.0462
						4.4015	30.65353	48.50118	85.00000	5.3027
						4.8905	30.69059	48.01353	85.00000	5.5582
						5.3796	30.72765	47.52588	85.00000	5.8108
						5.8686	30.76471	47.03824	85.00000	6.0590
						6.3577	30.80176	46.55059	85.00000	6.3039
						6.8467	30.83882	46.06294	85.00000	6.5956
						7.3358	30.87588	45.57529	85.00000	6.8933
						7.8249	30.91294	45.08765	85.00000	7.1992
						8.3139	30.95000	44.60000	85.00000	7.5170
59	Swain's Ln East Wall		SL.EW.4	0.0	0.0	0.0	31.22000	39.59000	85.00000	11.510
						0.49192	31.27273	39.10091	85.00000	11.501
						0.98385	31.32545	38.61182	85.00000	11.653
						1.4758	31.37818	38.12273	85.00000	11.811
						1.9677	31.43091	37.63364	85.00000	11.940
						2.4596	31.48364	37.14455	85.00000	12.047
						2.9515	31.53636	36.65545	85.00000	12.134
						3.4435	31.58909	36.16636	85.00000	

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B2										Job No.		Sheet No.		Rev.	
										3500					
										Drg. Ref.					
										Made by PES	Date 01-Nov-2024		Checked	Date	
Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz					
					[m]	[m]	[m]	[m]	[m]	[mm]					
						5.0087	33.12115	20.94346	85.00000	3.9948	d				
						5.5096	33.16827	20.44481	85.00000	3.7297	d				
						6.0105	33.21538	19.94615	85.00000	3.4767	d				
						6.5114	33.26250	19.44750	85.00000	3.2369	d				
						7.0122	33.30962	18.94885	85.00000	3.0109	d				
						7.5131	33.35673	18.45019	85.00000	2.7991	d				
						8.0140	33.40385	17.95154	85.00000	2.6014	d				
						8.5149	33.45096	17.45288	85.00000	2.4178	d				
						9.0157	33.49808	16.95423	85.00000	2.2475	d				
						9.5166	33.54519	16.45558	85.00000	2.0898	d				
						10.017	33.59231	15.95692	85.00000	1.9434	d				
						10.518	33.63942	15.45827	85.00000	1.8067	d				
						11.019	33.68654	14.95962	85.00000	1.6779	d				
						11.520	33.73365	14.46096	85.00000	1.5548	d				
						12.021	33.78077	13.96231	85.00000	1.4348	d				
						12.522	33.82788	13.46365	85.00000	1.3151	d				
						13.023	33.87500	12.96500	85.00000	1.1925	d				
						13.524	33.92212	12.46635	85.00000	1.0633	d				
						14.024	33.96923	11.96769	85.00000	0.94898	d				
						14.525	34.01635	11.46904	85.00000	0.84766	d				
						15.026	34.06346	10.97038	85.00000	0.74662	d				
						15.527	34.11058	10.47173	85.00000	0.64582	d				
						16.028	34.15769	9.97308	85.00000	0.54524	d				
						16.529	34.20481	9.47442	85.00000	0.44484	d				
						17.030	34.25192	8.97577	85.00000	0.34460	d				
						17.531	34.29904	8.47712	85.00000	0.24451	d				
						18.031	34.34615	7.97846	85.00000	0.14455	d				
						18.532	34.39327	7.47981	85.00000	0.044698	d				
						19.033	34.44038	6.98115	85.00000	-0.0094768	d				
						19.534	34.48750	6.48250	85.00000	-0.0098318	d				
						20.035	34.53462	5.98385	85.00000	-0.010113	d				
						20.536	34.58173	5.48519	85.00000	-0.010329	d				
						21.037	34.62885	4.98654	85.00000	-0.010488	d				
						21.538	34.67596	4.48788	85.00000	-0.010598	d				
						22.038	34.72308	3.98923	85.00000	-0.010665	d				
						22.539	34.77019	3.49058	85.00000	-0.010695	d				
						23.040	34.81731	2.99192	85.00000	-0.010693	d				
						23.541	34.86442	2.49327	85.00000	-0.010662	d				
						24.042	34.91154	1.99462	85.00000	-0.010608	d				
						24.543	34.95865	1.49596	85.00000	-0.010533	d				
						25.044	35.00577	0.99731	85.00000	-0.010440	d				
						25.545	35.05288	0.49865	85.00000	-0.010332	d				
						26.045	35.10000	0.00000	85.00000	-0.010212	d				
d - Displacements include imported displacements.															
Specific Building Damage Results - Detail															
Stage: Gradient Ref.	Stage: Min Vertical Displacement	Stage: Name	Specific Building: Name	Sub-building Name	Vertical Offset	Segment	Start	Length	Curvature	Deflection	Average	Max	Max	Gradient	Max
					from Line for										
					Vertical					Ratio	Horizontal	Tensile		of	of
					Movement Calculations					Strain	Strain	Strain		Horizontal	Curve
					[m]		[m]	[m]		[%]	[%]	[%]		Displacement Curve	
[m]															
0	Base Model 1	0	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	0.0	1	0.0	4.5940	None	806.46E-6	0.018605	0.019542	-246.69E-6		
244.02E-6	57847.0	(Negligible)													
172.58E-6	74633.0	(Negligible)	Mausoleum of Lord Dalziel of Wooler	Mau.1.2	0.0	1	0.0	2.7538	None	355.43E-6	0.014378	0.014658	-176.37E-6		
						2	2.7538	1.5378	None	642.66E-6	0.0040391	0.0043360	-117.87E-6		
173.90E-6	38588.0	(Negligible)				3	4.2916	0.63141	None	35.309E-6	0.0	35.155E-6	0.0		
150.67E-6	236340.0	(Negligible)													
-132.67E-6	178420.0	(Negligible)	Mausoleum of Lord Dalziel of Wooler	Mau.1.3	0.0	1	0.0	0.95729	None	69.360E-6	0.0	68.700E-6	0.0		
-152.15E-6	62701.0	(Negligible)				2	0.95729	1.4254	None	393.02E-6	0.0029838	0.0031527	-90.439E-6		
-152.15E-6	63911.0	(Negligible)				3	2.3827	2.1403	None	372.82E-6	0.0096260	0.0098606	-115.74E-6		
-203.79E-6	2.2113E+6	0	Mausoleum of Lord Dalziel of Wooler	Mau.1.4	0.0	1	0.0	0.079069	None	0.0	0.032810	0.032810	-327.99E-6		
-266.76E-6	52575.0	(Negligible)				2	0.079069	4.9339	None	954.41E-6	0.025511	0.026671	-327.99E-6		
-21.810E-6	7.0818E+6	0	Small Ticket Kiosk	STK.1.1	0.0	1	0.0	4.1040	None	6.0432E-6	0.0	7.5459E-6	0.0		
-259.65E-6	10938.0	(Negligible)				1	0.0	1.3136	None	0.0010475	0.015456	0.015971	-344.74E-6		
-259.65E-6	80897.0	(Negligible)				2	1.3136	1.1860	None	170.53E-6	0.047740	0.047816	-523.26E-6		
-242.39E-6	290130.1	(Very Slight)				3	2.4996	0.25236	None	0.0	0.052353	0.052353	-523.26E-6		
31.439E-6	136650.0	(Negligible)	Small Ticket Kiosk	STK.1.3	0.0	1	0.0	3.0335	None	192.47E-6	580.93E-6	776.66E-6	-10.126E-6		
31.319E-6	3.8551E+6	0				2	3.0335	1.0695	None	3.4933E-6	949.33E-6	950.75E-6	-9.8664E-6		
254.55E-6	68848.0	(Negligible)	Small Ticket Kiosk	STK.1.4	0.0	1	0.0	1.0175	None	177.12E-6	0.043947	0.044015	-490.11E-6		
254.55E-6	20489.0	(Negligible)				2	1.0175	1.5274	None	0.0010955	0.012267	0.012887	-320.29E-6		
202.48E-6	51649.0	(Negligible)				3	2.5449	0.21712	None	0.0	0.0	35.763E-9	0.0		
			Mauselum 2	Mau.2.1	0.0	All vertical displacements are less than the limit sensitivity.									
			Mauselum 2	Mau.2.2	0.0	All vertical displacements are less than the limit sensitivity.									
			Mauselum 2	Mau.2.3	0.0	All vertical displacements are less than the limit sensitivity.									
			Mauselum 3	Mau.3.1	0.0	All vertical displacements are less than the limit sensitivity.									
			Mauselum 3	Mau.3.2	0.0	All vertical displacements are less than the limit sensitivity.									
			Mauselum 3	Mau.3.3	0.0	All vertical displacements are less than the limit sensitivity.									
-107.14E-6	143990.0	(Negligible)	Highgate Chapel	HGC.1	0.0	1	16.861	3.9279	None	299.12E-6	0.0	292.29E-6	0.0		
-85.610E-6	12.180E+6	0				2	20.788	1.6481	None	1.5522E-6	0.0	1.5378E-6	0.0		
-85.640E-6	114760.0	(Negligible)				3	22.437	2.3574	None	144.64E-6	0.0	143.44E-6	0.0		
190.30E-6	1.7035E+6	0	Highgate Chapel	HGC.2	0.0	1	0.0	3.0478	None	21.984E-6	0.0	21.708E-6	0.0		
						2	3.0478	0.49779	None	0.0	0.0	35.763E-9	0.0		
190.57E-6	31637.0	(Negligible)	Highgate Chapel	HGC.3	0.0	All vertical displacements are less than the limit sensitivity.									
-156.27E-6	100490.0	(Negligible)	Highgate Chapel	HGC.4	0.0	1	2.4486	0.18453	None	0.0	0.0	35.763E-9	0.0		
						2	2.6331	0.30487	None	0.0	0.0	35.763E-9	0.0		
-154.69E-6	60822.0	(Negligible)	Highgate Chapel	HGC.5	0.0	1	0.0	4.6010	None	342.66E-6	0.0	514.52E-6	0.0		
-128.35E-6	143420.0	(Negligible)													
179.90E-6	542740.0	0	Highgate Chapel	HGC.6	0.0	1	0.0	3.1080	None	63.394E-6	0.0	93.591E-6	0.0		
91.221E-6	142470.0	0	Highgate Chapel	HGC.7	0.0	1	0.0	1.0246	None	88.351E-6	0.0	82.791E-6	0.0		
-146.39E-6	265250.0	(Negligible)	Highgate Chapel	HGC.8	0.0	1	0.0	0.79179	None	29.469E-6	0.0093423	0.0093596	-101.28E-6		
-147.01E-6	1.1305E+6	0				2	0.79179	0.83465	None	23.419E-6	0.0069398	0.0069543	-80.351E-6		
-147.01E-6	83528.0	(Negligible)				3	1.6264	3.3156	None	280.87E-6	-187.45E-6	232.78E-6	-56.142E-6		
-490.05E-6	22435.0	(Negligible)	Highgate Chapel	HGC.9	0.0	1	0.0	5.1330	None	0.0021987	0.032963	0.036191	-401.74E-6		

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A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Job No.	Sheet No.	Rev.
3500		
Drg. Ref.		
Made by PES	Date 01-Nov-2024	Checked Date

Stage:	Stage:	Name	Specific	Specific	Sub-building	Vertical	Segment	Start	Length	Curvature	Deflection	Average	Max	Max	Gradient	Max
Ref.	Min	Damage	Category	Building:	Name	from	Line									
Vertical	Radius	of										Ratio	Horizontal	Tensile	of	of
333.42E-6	9463.8	0	(Negligible)	24 Highgate Chapel	HGC.10	0.0	1	0.0	0.95310	None	953.98E-6	-0.019387	0.0039122	198.70E-6		
342.76E-6	38141.0	0	(Negligible)	25 Highgate Chapel	HGC.11	0.0	1	0.0	5.1330	None	523.96E-6	-0.0052109	0.0010652	198.70E-6		
342.76E-6	50262.0	0	(Negligible)	26 81 Swain's Ln	81.SL.1	0.0	1	0.0	10.376	None	972.16E-6	0.0	0.0012860	0.0		
288.96E-6	50351.0	0	(Negligible)	27 81 Swain's Ln	81.SL.2	0.0	1	0.0	1.4867	None	995.57E-6	0.015052	0.015303	-355.50E-6		
-89.789E-6	105210.0	0	(Negligible)	28 81 Swain's Ln	81.SL.3	0.0	1	0.0	2.2505	None	129.17E-6	0.0011204	0.0011693	85.016E-6		
-260.90E-6	16178.0	0	(Negligible)	29 81 Swain's Ln	81.SL.4	0.0	1	0.0	1.5336	None	197.76E-6	0.020712	0.020764	-236.39E-6		
-260.90E-6	81403.0	0	(Negligible)	30 81 Swain's Ln	81.SL.5	0.0	1	7.1034	0.50383	None	0.0	0.0	35.763E-9	0.0		
-352.81E-6	18304.1	0	(Very Slight)	31 81 Swain's Ln	81.SL.6	0.0	1	7.6072	1.0178	None	5.8249E-6	0.0	5.7578E-6	0.0		
70.813E-6	142440.0	0	(Negligible)	32 81 Swain's Ln	81.SL.7	0.0	1	3.2606	2.9634	None	77.909E-6	0.0	75.781E-6	0.0		
135.21E-6	56419.0	0	(Negligible)	33 81 Swain's Ln	81.SL.8	0.0	1	7.1034	0.50383	None	0.0	0.0	35.763E-9	0.0		
193.91E-6	71369.0	0	(Negligible)	34 79 Swain's Ln	79.SL.1	0.0	1	12.412	0.46442	None	0.0	0.0	35.763E-9	0.0		
204.92E-6	37613.0	0	(Negligible)	35 79 Swain's Ln	79.SL.2	0.0	1	1.5905	4.4407	None	194.40E-6	0.0	185.07E-6	0.0		
175.66E-6	429080.0	0	(Negligible)	36 79 Swain's Ln	79.SL.3	0.0	1	6.0312	0.47371	None	0.0	0.0	35.763E-9	0.0		
-191.94E-6	15629.0	0	(Negligible)	37 79 Swain's Ln	79.SL.4	0.0	1	6.5272	None	0.0064420	0.068140	0.077881	-763.53E-6			
-191.71E-6	2.1689E+6	0	(Negligible)	38 79 Swain's Ln	79.SL.5	0.0	1	2.4798	None	0.0048835	949.39E-6	0.0062344	-35.683E-6			
93.999E-6	124350.0	0	(Negligible)	39 184 to 210 Oakeshott Ave	184to210.OA.1	0.0	1	2.4798	0.39020	None	0.0	0.0035373	0.0035373	-35.372E-6		
-171.43E-6	30736.0	0	(Negligible)	40 184 to 210 Oakeshott Ave	184to210.OA.2	0.0	1	6.8264	1.8006	None	0.029106	0.077601	0.10220	-795.60E-6		
-170.37E-6	308930.0	0	(Negligible)	41 184 to 210 Oakeshott Ave	184to210.OA.3	0.0	1	2.4798	0.39020	None	0.0	0.0035373	0.0035373	-35.372E-6		
-192.09E-6	14427.0	0	(Negligible)	42 Existing Tunnel Wall Gardeners Compound	ETWGC.1	0.0	1	6.8264	1.8006	None	0.029106	0.077601	0.10220	-795.60E-6		
174.52E-6	21029.0	0	(Negligible)	43 Existing Tunnel Wall Gardeners Compound	ETWGC.2	0.0	1	6.8264	1.8006	None	0.029106	0.077601	0.10220	-795.60E-6		
163.17E-6	236490.0	0	(Negligible)	44 Existing Tunnel Wall Gardeners Compound	ETWGC.3	0.0	1	6.8264	1.8006	None	0.029106	0.077601	0.10220	-795.60E-6		
164.50E-6	20183.0	0	(Negligible)	45 Existing Tunnel Wall Highgate Chapel	ETWHGC.1	0.0	1	1.5131	2.5209	None	220.01E-6	0.0	240.79E-6	0.0		
0.0020791	736.62	2	(Slight)	46 Existing Tunnel Wall Highgate Chapel	ETWHGC.2	0.0	1	0.0	3.2310	None	101.21E-6	0.0	129.28E-6	0.0		
0.0020791	1344.5	2	(Slight)	47 Existing Tunnel Wall Highgate Chapel	ETWHGC.3	0.0	1	0.0	2.7940	None	238.23E-6	0.0	279.27E-6	0.0		
203.25E-6	4847.4	0	(Negligible)	48 Swain's Ln West Wall	SL.WW.1	0.0	1	0.0	3.1259	None	845.22E-6	0.0056682	0.0069178	-289.57E-6		
202.73E-6	355690.0	0	(Negligible)	49 Swain's Ln West Wall	SL.WW.2	0.0	1	0.0	4.6000	None	0.0026518	0.046612	0.050611	-478.59E-6		
-0.0020038	1481.9	2	(Slight)	50 Swain's Ln West Wall	SL.WW.3	0.0	1	0.0	2.2670	None	466.68E-6	0.020012	0.020624	-257.26E-6		
-0.0020038	776.95	2	(Slight)	51 Swain's Ln West Wall	SL.WW.4	0.0	1	0.0	2.7602	None	0.0016334	-0.043194	0.0086619	540.29E-6		
-92.760E-6	131600.0	0	(Negligible)	52 Swain's Ln West Wall	SL.WW.5	0.0	1	2.7602	0.66232	None	2.2153E-6	0.0034679	0.0034690	-34.881E-6		
-171.09E-6	349620.0	0	(Negligible)	53 Swain's Ln West Wall	SL.WW.6	0.0	1	4.0143	1.6095	None	825.63E-6	-0.0085022	0.0017493	445.00E-6		
115.91E-6	134520.0	0	(Negligible)	54 Swain's Ln East Wall	SL.EW.1	0.0	1	5.6239	3.4081	None	0.0017680	-0.034316	0.0068882	445.00E-6		
-241.85E-6	22165.0	0	(Negligible)	55 Swain's Ln East Wall	SL.EW.2	0.0	1	9.0320	1.1335	None	735.67E-6	-0.018712	0.0037629	192.03E-6		
-226.43E-6	54850.0	0	(Negligible)	56 Swain's Ln East Wall	SL.EW.3	0.0	1	10.166	2.5232	None	475.04E-6	-0.0056471	0.0011462	161.93E-6		
-222.91E-6	56329.0	0	(Negligible)	57 Swain's Ln East Wall	SL.EW.4	0.0	1	12.689	2.2913	None	318.41E-6	0.012002	0.012422	-174.40E-6		
-440.37E-6	18880.1	0	(Very Slight)	58 Swain's Ln East Wall	SL.EW.5	0.0	1	4.3693	1.6118	None	403.54E-6	0.034240	0.034669	-371.39E-6		
-434.62E-6	39406.0	0	(Negligible)	59 Swain's Ln East Wall	SL.EW.6	0.0	1	5.9811	1.8766	None	0.0010268	0.0087155	0.0099248	-278.84E-6		
-434.62E-6	278760.0	0	(Negligible)	60 Swain's Ln East Wall	SL.EW.7	0.0	1	7.8577	3.4705	None	65.447E-6	0.0	98.598E-6	0.0		
-438.00E-6	32890.0	0	(Negligible)	61 Swain's Ln East Wall	SL.EW.8	0.0	1	0.0	3.3860	None	154.63E-6	0.034905	0.035027	-388.65E-6		
-295.69E-6	19303.0	0	(Negligible)	62 Swain's Ln East Wall	SL.EW.9	0.0	1	4.4840	5.9070	None	0.0022870	0.034288	0.037498	-383.13E-6		
-203.55E-6	212040.0	0	(Negligible)	63 Swain's Ln East Wall	SL.EW.10	0.0	1	4.1122	1.4114	None	211.81E-6	0.025169	0.025373	-289.52E-6		
-203.45E-6	197140.0	0	(Negligible)	64 Swain's Ln East Wall	SL.EW.11	0.0	1	5.5236	2.7894	None	0.0024371	0.014602	0.018091	-222.72E-6		
209.91E-6	4460.1	0	(Negligible)	65 Swain's Ln East Wall	SL.EW.12	0.0	1	0.0	1.3070	None	0.0077701	-0.45108	0.090306	0.010542		
209.91E-6	26482.0	0	(Negligible)	66 Swain's Ln East Wall	SL.EW.13	0.0	1	1.3070	5.7265	None	0.011035	-0.0035766	0.012094	0.0013793		
303.94E-6	19690.0	0	(Negligible)	67 Swain's Ln East Wall	SL.EW.14	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
303.94E-6	39193.0	0	(Negligible)	68 Swain's Ln East Wall	SL.EW.15	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
307.29E-6	50159.0	0	(Negligible)	69 Swain's Ln East Wall	SL.EW.16	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
307.29E-6	59576.0	0	(Negligible)	70 Swain's Ln East Wall	SL.EW.17	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
281.98E-6	41835.0	0	(Negligible)	71 Swain's Ln East Wall	SL.EW.18	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
230.62E-6	45583.0	0	(Negligible)	72 Swain's Ln East Wall	SL.EW.19	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
230.62E-6	23416.0	0	(Negligible)	73 Swain's Ln East Wall	SL.EW.20	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
181.66E-6	613230.0	0	(Negligible)	74 Swain's Ln East Wall	SL.EW.21	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
-240.06E-6	28846.0	0	(Negligible)	75 Swain's Ln East Wall	SL.EW.22	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
-240.06E-6	99985.0	0	(Negligible)	76 Swain's Ln East Wall	SL.EW.23	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
-381.30E-6	27359.0	0	(Negligible)	77 Swain's Ln East Wall	SL.EW.24	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
-524.35E-6	24046.0	0	(Negligible)	78 Swain's Ln East Wall	SL.EW.25	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
-524.35E-6	64379.0	0	(Negligible)	79 Swain's Ln East Wall	SL.EW.26	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
-649.70E-6	10015.0	0	(Negligible)	80 Swain's Ln East Wall	SL.EW.27	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
-321.13E-6	1190.4	2	(Slight)	81 Swain's Ln East Wall	SL.EW.28	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		
507.42E-6	3738.6	0	(Negligible)	82 Swain's Ln East Wall	SL.EW.29	0.0	1	7.0335	0.96644	None	0.0057727	-0.65026	0.13009	0.010874		



A-SQUARED STUDIO ENGINEERS LTD

Highgate Cemetery
B2

Oasys A-SQUARED STUDIO ENGINEERS LTD Highgate Cemetery B2							Job No.		Sheet No.		Rev.					
							3500									
							Drg. Ref.									
Made by PES		Date 01-Nov-2024		Checked		Date										
Stage: Gradient Ref.	Stage: Name Min	Specific Damage Category Building:	Specific Building: Name	Sub-building	Vertical Offset	Segment	Start	Length	Curvature	Deflection	Average	Max	Max Gradient	Max		
Vertical Radius of	Radius of	Building:	Name	Name	from Line for					Ratio	Horizontal	Tensile	of	of		
507.42E-6	3598.4	2 (Slight)				4	8.0000	1.1949	None	0.025140	-0.12610	0.028648	0.0040177			
0.0014584	1219.5	0 (Negligible)				5	9.1949	0.81885	None	0.013542	0.0045266	0.015076	-368.36E-6			
0.0014584	2745.1	0 (Negligible)				6	10.014	0.80822	None	0.0056615	0.059390	0.062769	-738.55E-6			
878.13E-6	1833.2	1 (Very Slight)	60 Swain's Ln East Wall	SL.EW.5	0.0	1	0.0	0.15504	None	0.0	0.038718	0.038718	-387.03E-6			
670.76E-6	55161.0	0 (Negligible)				2	0.15504	1.7999	None	0.0015862	0.037712	0.039530	-411.86E-6			
670.76E-6	15630.0	0 (Negligible)				3	1.9549	0.21439	None	31.698E-6	0.038998	0.039003	-395.52E-6			
607.63E-6	356960.0	0 (Negligible)				4	2.1693	9.8786	None	0.0057915	0.047074	0.053139	-498.24E-6			
607.63E-6	17760.1	1 (Very Slight)				5	12.048	0.99058	None	156.41E-6	0.045239	0.045351	-498.24E-6			
257.82E-6	83011.0	0 (Negligible)				6	13.038	4.9931	None	663.04E-6	0.0040998	0.0050799	-329.42E-6			
257.82E-6	21803.0	0 (Negligible)	Tensile horizontal strains are +ve, compressive horizontal strains are -ve.													
Specific Building Damage Results - Critical Values for All Segments within Each Sub-Building																
Stage: Radius of Curvature (Sagging)	Stage: Name Min	Specific Damage Category Building:	Specific Building: Name	Sub-building	Vertical	Deflection	Average	Max Slope	Max	Max	Max	Max Gradient	of	Max Gradient	of	Min Radius Min
Ref.	Ref.	Building:	Name	Name	Offset from	Ratio	Horizontal	Settlement	Tensile	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical	of
Ref.	Ref.	Ref.	Ref.	Ref.	Line for	Strain	Strain	Strain	Strain	Displacement	Displacement	Displacement	Displacement	Displacement	Displacement	Curvature
Ref.	Ref.	Ref.	Ref.	Ref.	Vertical	Strain	Strain	Strain	Strain	Curve	Curve	Curve	Curve	Curve	Curve	(Hogging)
Ref.	Ref.	Ref.	Ref.	Ref.	Movement Calculations	Strain	Strain	Strain	Strain	Curve	Curve	Curve	Curve	Curve	Curve	(Hogging)
Ref.	Ref.	Ref.	Ref.	Ref.	[m]	[%]	[%]	[%]	[%]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[m]
0	Base Model	1	Mausoleum of Lord Dalziel of Wooler	Mau.1.1	0.0	806.46E-6	0.018605	244.02E-6	2.5287	0.019542	-246.69E-6	244.02E-6	-			
- 0	(Negligible)	2	Mausoleum of Lord Dalziel of Wooler	Mau.1.2	0.0	642.66E-6	0.014378	173.90E-6	1.5421	0.014658	-176.37E-6	173.90E-6	-			
- 0	(Negligible)	3	Mausoleum of Lord Dalziel of Wooler	Mau.1.3	0.0	393.02E-6	0.0096260	-152.15E-6	1.3795	0.0098606	-115.74E-6	-152.15E-6	-			
- 0	(Negligible)	4	Mausoleum of Lord Dalziel of Wooler	Mau.1.4	0.0	954.41E-6	0.032810	-266.76E-6	2.5285	0.032810	-327.99E-6	-266.76E-6	-			
- 0	(Negligible)	5	Small Ticket Kiosk	STK.1.1	0.0	6.0432E-6	0.0	-21.810E-6	0.87567	7.5459E-6	0.0	-21.810E-6	-			
- 0	(Negligible)	6	Small Ticket Kiosk	STK.1.2	0.0	0.0010475	0.052353	-259.65E-6	1.5345	0.052353	-523.26E-6	-259.65E-6	-			
- 1	(Very Slight)	7	Small Ticket Kiosk	STK.1.3	0.0	192.47E-6	949.33E-6	31.439E-6	1.5345	950.75E-6	-10.126E-6	31.439E-6	-			
- 0	(Negligible)	8	Small Ticket Kiosk	STK.1.4	0.0	0.0010955	0.043947	254.55E-6	1.4238	0.044015	-490.11E-6	254.55E-6	-			
- 0	(Negligible)	15	Highgate Chapel	HGC.1	0.0	299.12E-6	0.0	-107.14E-6	0.82194	292.29E-6	0.0	-107.14E-6	-			
- 0	(Negligible)	16	Highgate Chapel	HGC.2	0.0	21.984E-6	0.0	190.57E-6	0.82202	21.708E-6	0.0	190.57E-6	-			
- 0	(Negligible)	18	Highgate Chapel	HGC.4	0.0	0.0	0.0	-156.27E-6	0.20712	35.763E-9	0.0	-156.27E-6	-			
- 0	(Negligible)	19	Highgate Chapel	HGC.5	0.0	342.66E-6	0.0	-128.35E-6	0.74399	514.52E-6	0.0	-128.35E-6	-			
- 0	(Negligible)	20	Highgate Chapel	HGC.6	0.0	63.394E-6	0.0	179.90E-6	0.74408	93.591E-6	0.0	179.90E-6	-			
- 0	(Negligible)	21	Highgate Chapel	HGC.7	0.0	88.351E-6	0.0	91.221E-6	0.19127	82.791E-6	0.0	91.221E-6	-			
- 0	(Negligible)	22	Highgate Chapel	HGC.8	0.0	280.87E-6	0.0093423	-147.01E-6	2.3761	0.0093596	-101.28E-6	-147.01E-6	-			
- 0	(Negligible)	23	Highgate Chapel	HGC.9	0.0	0.0021987	0.032963	-490.05E-6	4.5684	0.036191	-401.74E-6	-490.05E-6	-			
- 0	(Negligible)	24	Highgate Chapel	HGC.10	0.0	953.98E-6	-0.019387	342.76E-6	4.5688	0.012779	198.70E-6	342.76E-6	-			
- 0	(Negligible)	25	Highgate Chapel	HGC.11	0.0	0.0012003	0.022044	288.96E-6	2.9414	0.023807	-277.97E-6	288.96E-6	-			
- 0	(Negligible)	26	81 Swain's Ln	81.SL.1	0.0	972.16E-6	0.0	-89.789E-6	0.84880	0.0012860	0.0	-89.789E-6	-			
- 0	(Negligible)	27	81 Swain's Ln	81.SL.2	0.0	0.0016764	0.051637	-352.81E-6	2.4745	0.052633	-522.27E-6	-352.81E-6	-			
- 1	(Very Slight)	28	81 Swain's Ln	81.SL.3	0.0	969.10E-6	0.0011204	135.21E-6	2.4749	0.0011693	-105.27E-6	135.21E-6	-			
- 0	(Negligible)	29	81 Swain's Ln	81.SL.4	0.0	706.30E-6	0.020712	204.92E-6	1.4240	0.020764	-236.39E-6	204.92E-6	-			
- 0	(Negligible)	30	81 Swain's Ln	81.SL.5	0.0	5.8249E-6	0.0	-191.94E-6	0.40996	5.7578E-6	0.0	-191.94E-6	-			
- 0	(Negligible)	31	81 Swain's Ln	81.SL.6	0.0	356.30E-6	0.0	93.999E-6	0.41007	425.83E-6	0.0	93.999E-6	-			
- 0	(Negligible)	34	79 Swain's Ln	79.SL.1	0.0	686.11E-6	0.0045987	-192.09E-6	1.1201	0.0047589	-136.86E-6	-192.09E-6	-			
- 0	(Negligible)	35	79 Swain's Ln	79.SL.2	0.0	539.04E-6	0.0041909	174.52E-6	1.1201	0.0043220	-117.89E-6	174.52E-6	-			
- 0	(Negligible)	42	Existing Tunnel Wall Gardeners Compound	ETWGC.1	0.0	0.029589	0.078834	0.0020791	12.133	0.10334	-807.55E-6	0.0020791	-			
- 2	(Slight)	43	Existing Tunnel Wall Gardeners Compound	ETWGC.2	0.0	0.0048835	0.0035373	203.25E-6	5.3748	0.0062344	-35.683E-6	203.25E-6	-			
- 0	(Negligible)	44	Existing Tunnel Wall Gardeners Compound	ETWGC.3	0.0	0.029106	0.077601	-0.0020038	12.029	0.10220	-795.60E-6	-0.0020038	-			
- 2	(Slight)	45	Existing Tunnel Wall Highgate Chapel	ETWHGC.1	0.0	220.01E-6	0.0	-92.760E-6	0.31896	240.79E-6	0.0	-92.760E-6	-			
- 0	(Negligible)	46	Existing Tunnel Wall Highgate Chapel	ETWHGC.2	0.0	101.21E-6	0.0	-171.09E-6	0.86130	129.28E-6	0.0	-171.09E-6	-			
- 0	(Negligible)	47	Existing Tunnel Wall Highgate Chapel	ETWHGC.3	0.0	238.23E-6	0.0	115.91E-6	0.86145	279.27E-6	0.0	115.91E-6	-			
- 0	(Negligible)	48	Swain's Ln West Wall	SL.WW.1	0.0	845.22E-6	0.039198	-241.85E-6	1.7004	0.039355	-412.65E-6	-241.85E-6	-			
- 0	(Negligible)	49	Swain's Ln West Wall	SL.WW.2	0.0	0.0026518	0.046612	-440.37E-6	3.2237	0.050611	-478.59E-6	-440.37E-6	-			
- 1	(Very Slight)	50	Swain's Ln West Wall	SL.WW.3	0.0	466.68E-6	0.020012	-438.00E-6	4.9303	0.020624	-257.26E-6	-438.00E-6	-			
- 0	(Negligible)	51	Swain's Ln West Wall	SL.WW.4	0.0	0.0016334	-0.043194	-295.69E-6	5.7921	0.0086619	540.29E-6	-295.69E-6	-			
- 0	(Negligible)	52	Swain's Ln West Wall	SL.WW.5	0.0	0.0058448	-0.034316	307.29E-6	5.8495	0.012422	445.00E-6	307.29E-6	-			
- 0	(Negligible)	53	Swain's Ln West Wall	SL.WW.6	0.0	0.0011859	0.034240	281.98E-6	2.5447	0.034669	-371.39E-6	281.98E-6	-			
- 0	(Negligible)	57	Swain's Ln East Wall	SL.EW.2	0.0	0.0022870	0.034905	-381.30E-6	3.1475	0.037498	-388.65E-6	-381.30E-6	-			
- 0	(Negligible)	58	Swain's Ln East Wall	SL.EW.3	0.0	0.0024371	0.034458	-649.70E-6	7.5164	0.036554	-371.95E-6	-649.70E-6	-			
- 0	(Negligible)	59	Swain's Ln East Wall	SL.EW.4	0.0	0.025140	-0.65026	0.0014584	12.259	0.13009	0.010874	0.0014584	-			
- 2	(Slight)	60	Swain's Ln East Wall	SL.EW.5	0.0	0.0057915	0.047074	670.76E-6	7.0309	0.053139	-498.24E-6	670.76E-6	-			
- 1	(Very Slight)															
Specific Building Damage Results - Critical Segments within Each Building																
Stage: Min Radius of	Stage: Name Min	Specific Damage Category Building:	Specific Building: Name	Parameter	Critical	Critical	Start	End	Curvature	Max Slope	Max	Max	Max	Min		
Ref.	Ref.	Building:	Name	Sub-Building	Segment	Segment	Segment	Segment	Segment	Segment	Segment	Segment	Segment	Segment		
Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.		
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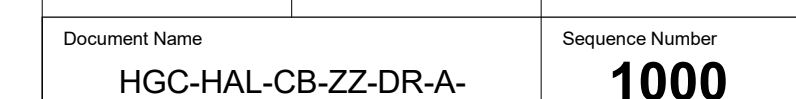
Highgate Cemetery
B2

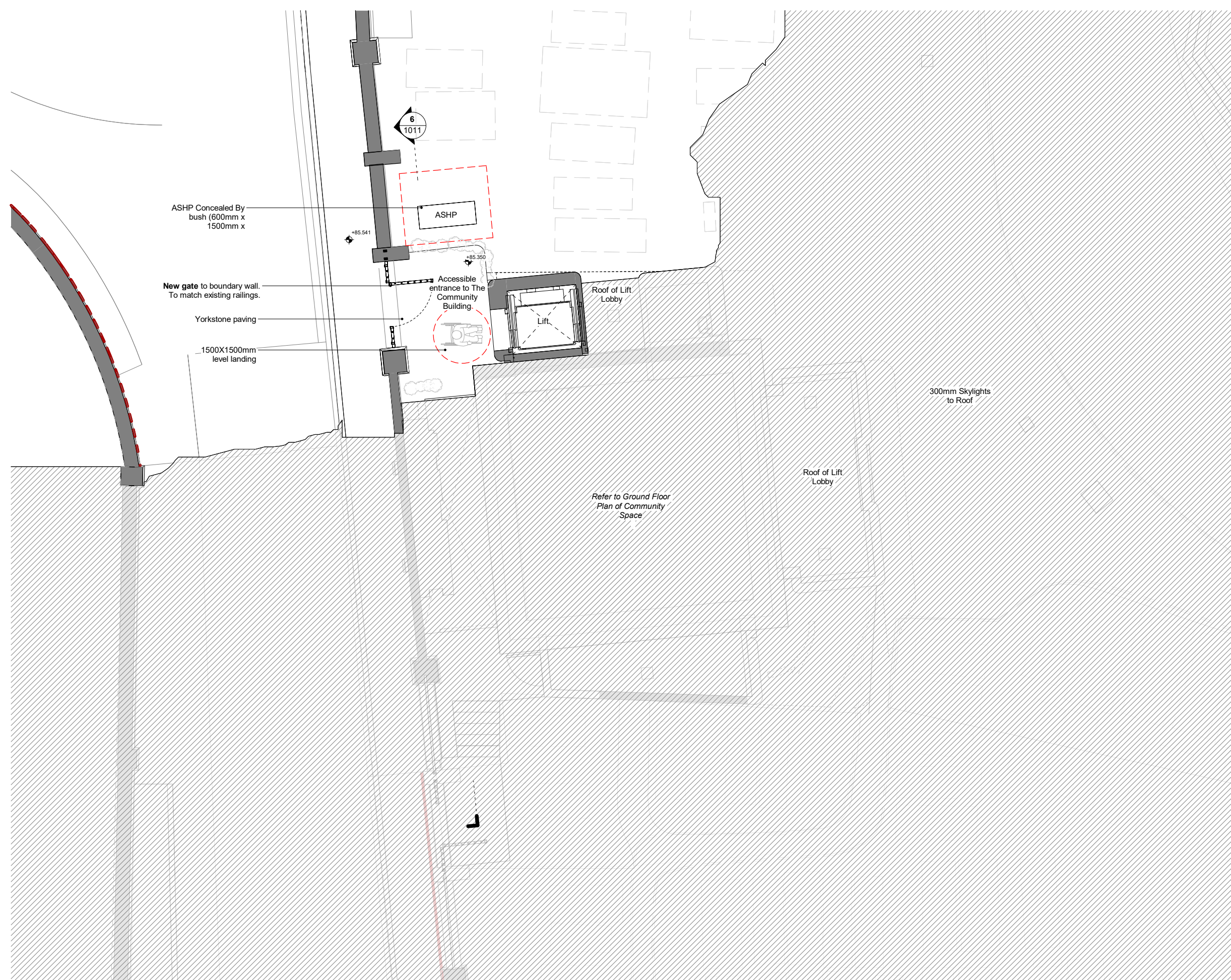
Job No.		Sheet No.		Rev.
3500				
Drg. Ref.				
Made by PES	Date 01-Nov-2024	Checked	Date	

Curvature										Ref.		Strain		Curvature	
(Sagging)														(Hogging)	
[m]							[m]	[m]		[mm]	[%]		[m]		
0	Base Model	0	Mausoleum of Lord Dalziel of Wooler	Max Slope	Mau.1.4	2	0.079069	5.0130	None	266.76E-6	2.5285	0.026671	-		
- 0	(Negligible)			Max Settlement	Mau.1.1	1	0.0	4.5940	None	244.02E-6	2.5287	0.019542	-		
- 0	(Negligible)			Max Tensile Strain	Mau.1.4	1	0.0	0.079069	None	203.79E-6	1.3956	0.032810	-		
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-		
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)	0	Small Ticket Kiosk	Max Slope	STK.1.2	1	0.0	1.3136	None	259.65E-6	1.1821	0.015971	-		
- 0	(Negligible)			Max Settlement	STK.1.3	1	0.0	3.0335	None	31.439E-6	1.5345	776.66E-6	-		
- 1	(Very Slight)			Max Tensile Strain	STK.1.2	3	2.4996	2.7520	None	242.39E-6	1.5345	0.052353	-		
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-		
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)	0	Mausoleum 2	All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)	0	Mausoleum 3	All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)	0	Highgate Chapel	Max Slope	HGC.9	1	0.0	5.1330	None	490.05E-6	4.5684	0.036191	-		
- 0	(Negligible)			Max Settlement	HGC.10	1	0.0	0.95310	None	333.42E-6	4.5688	0.0039122	-		
- 0	(Negligible)			Max Tensile Strain	HGC.9	1	0.0	5.1330	None	490.05E-6	4.5684	0.036191	-		
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-		
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-		
- 1	(Very Slight)	0	81 Swain's Ln	Max Slope	81.SL.2	3	2.4834	6.1030	None	352.81E-6	2.4745	0.052633	-		
- 0	(Negligible)			Max Settlement	81.SL.3	1	0.0	2.2505	None	70.813E-6	2.4749	0.0011693	-		
- 1	(Very Slight)			Max Tensile Strain	81.SL.2	3	2.4834	6.1030	None	352.81E-6	2.4745	0.052633	-		
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-		
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)	0	79 Swain's Ln	Max Slope	79.SL.1	3	16.842	18.369	None	192.09E-6	1.1201	0.0047589	-		
- 0	(Negligible)			Max Settlement	79.SL.2	1	0.0	1.5905	None	174.52E-6	1.1201	0.0043220	-		
- 0	(Negligible)			Max Tensile Strain	79.SL.1	3	16.842	18.369	None	192.09E-6	1.1201	0.0047589	-		
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-		
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)	0	184 to 210 Oakeshott Ave	All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 0	(Negligible)			All vertical displacements are less than the limit sensitivity.											
- 2	(Slight)	0	Existing Tunnel Wall Gardeners Compound	Max Slope	ETWGC.1	1	0.0	1.7568	None	0.0020791	12.133	0.10334	-		
- 2	(Slight)			Max Settlement	ETWGC.1	1	0.0	1.7568	None	0.0020791	12.133	0.10334	-		
- 2	(Slight)			Max Tensile Strain	ETWGC.1	1	0.0	1.7568	None	0.0020791	12.133	0.10334	-		
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-		
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)	0	Existing Tunnel Wall Highgate Chapel	Max Slope	ETWHGC.2	1	0.0	3.2310	None	171.09E-6	0.86130	129.28E-6	-		
- 0	(Negligible)			Max Settlement	ETWHGC.3	1	0.0	2.7940	None	115.91E-6	0.86145	279.27E-6	-		
- 0	(Negligible)			Max Tensile Strain	ETWHGC.3	1	0.0	2.7940	None	115.91E-6	0.86145	279.27E-6	-		
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-		
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-		
- 1	(Very Slight)	0	Swain's Ln West Wall	Max Slope	SL.WW.2	1	0.0	4.4600	None	440.37E-6	3.2237	0.050611	-		
- 0	(Negligible)			Max Settlement	SL.WW.5	1	0.0	4.0143	None	209.91E-6	5.8495	0.0098055	-		
- 1	(Very Slight)			Max Tensile Strain	SL.WW.2	1	0.0	4.4600	None	440.37E-6	3.2237	0.050611	-		
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-		
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-		
- 0	(Negligible)	0	Swain's Ln East Wall	Max Slope	SL.EW.4	4	8.0000	9.1949	None	0.0014584	11.136	0.028648	-		
- 0	(Negligible)			Max Settlement	SL.EW.4	2	1.3070	7.0335	None	507.42E-6	12.259	0.012094	-		
- 2	(Slight)			Max Tensile Strain	SL.EW.4	3	7.0335	8.0000	None	507.42E-6	11.477	0.13009	-		
- -				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-		
- -				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-		

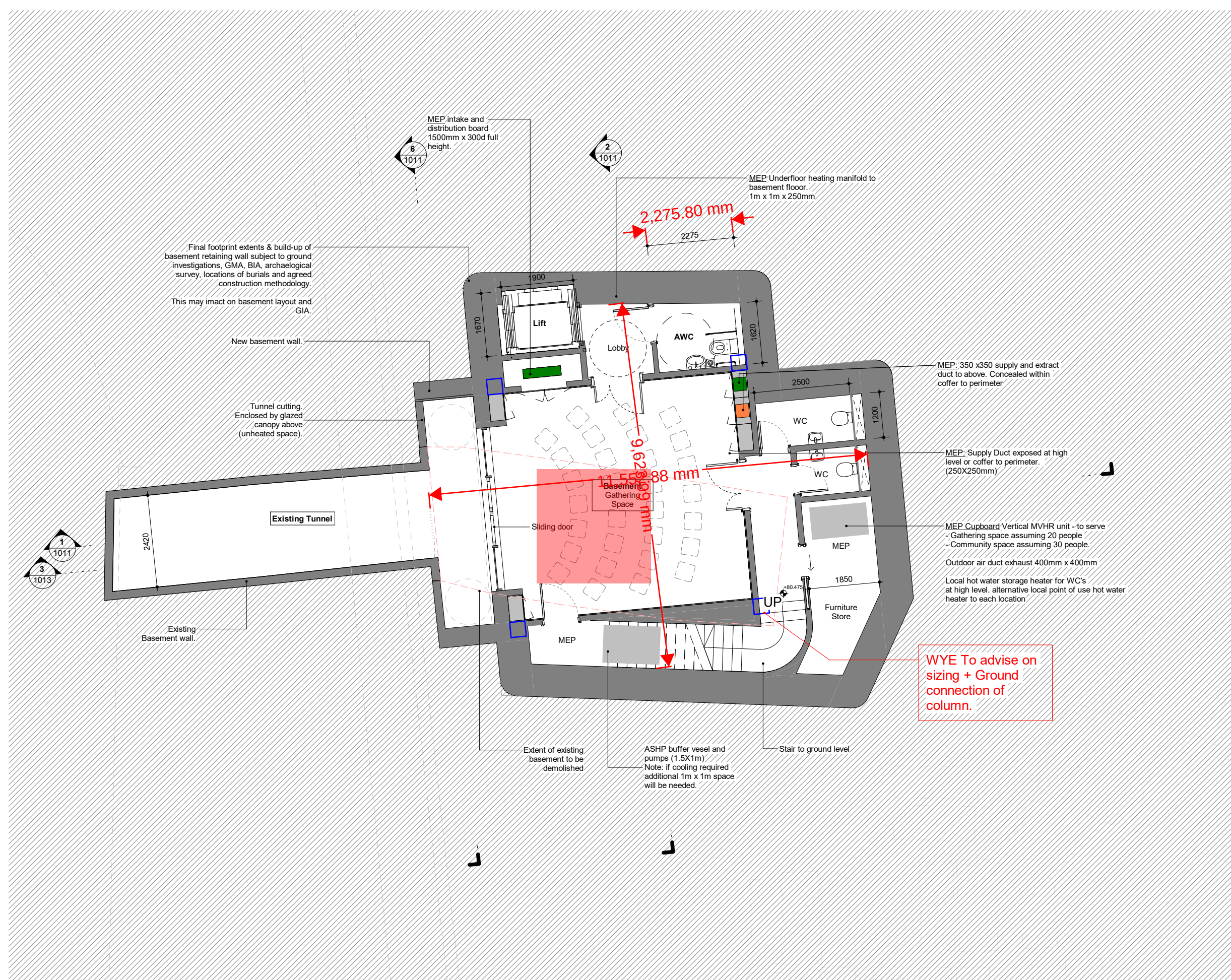


Appendix C: Selected Supporting Information





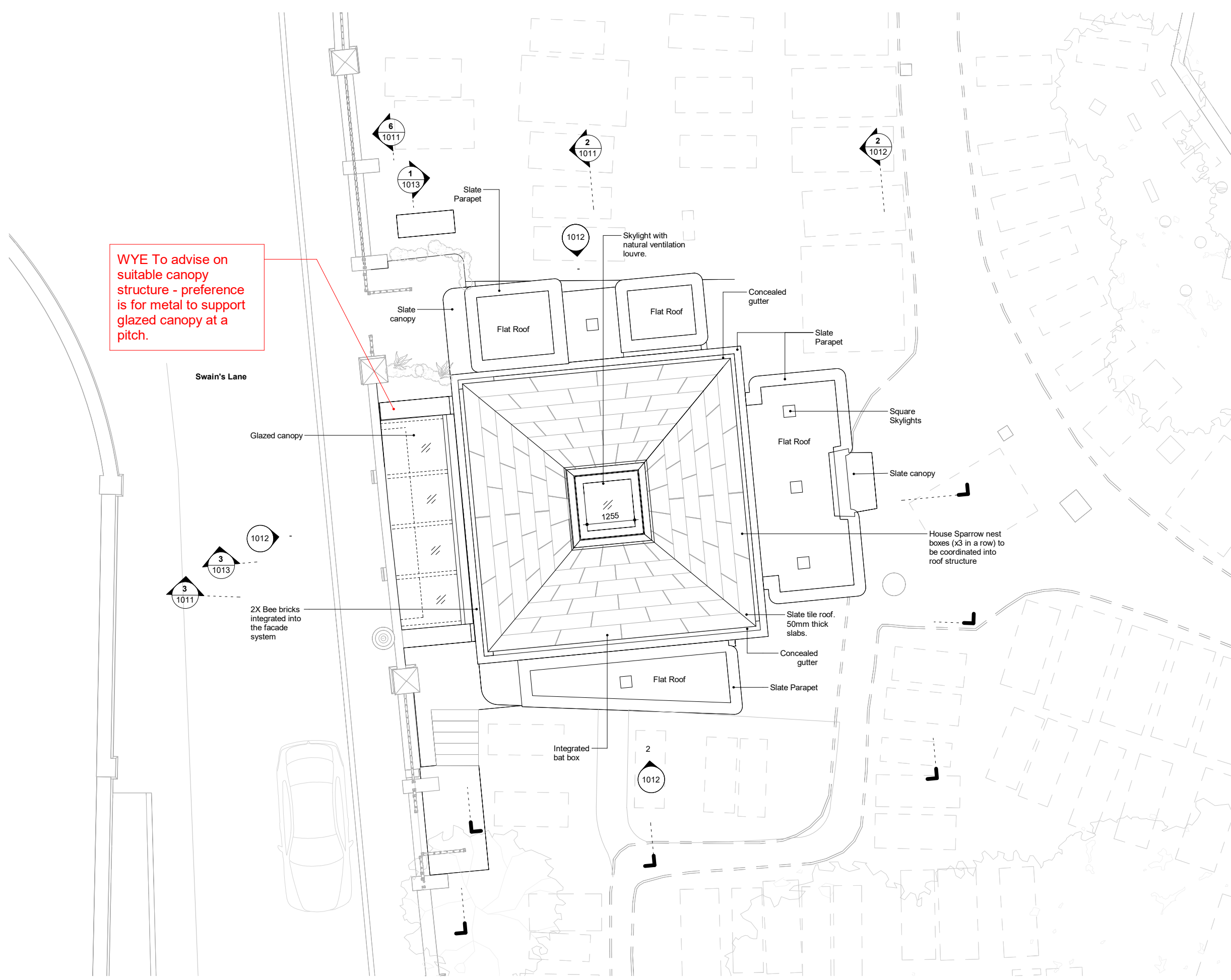
1 Upper Ground Floor Plan - Lift Access to the Community and Education Building
1010 1 : 100



Basement Level - Proposed
1 : 100

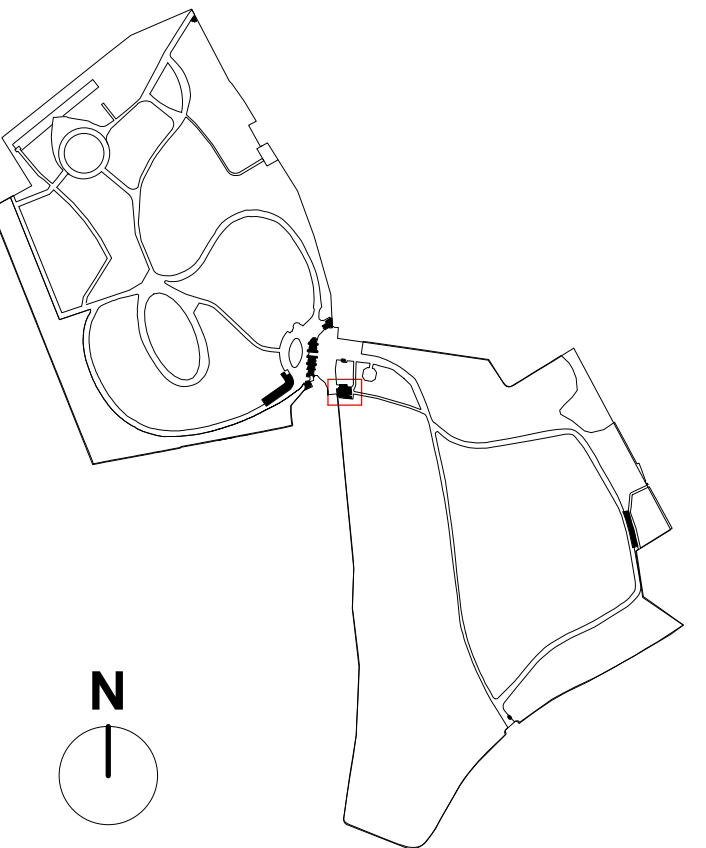


3 Ground Level Plan - Proposed
1010 1 : 100



4 **Roof Plan - Proposed**
1010 1 : 100

SITE LOCATION PLAN - HIGHGATE CEMETERY



	FOR DEMOLITION
	MEP (As per Service Engineers' specification)
	Supply Duct
	Extract Duct

General Notes:

- G1** All Levels are above ordnance datum
- G2** Existing and Proposed Landscaping shown indicatively; refer to Landscape report for further details

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01/10/2024	P01	Highgate Cemetery - Planning Issue - Draft	AA
Date	Rev	Description	Approved by

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project Highgate Cemetery	HAL Code HGC

Subject	Project 1 - Community & Education Building

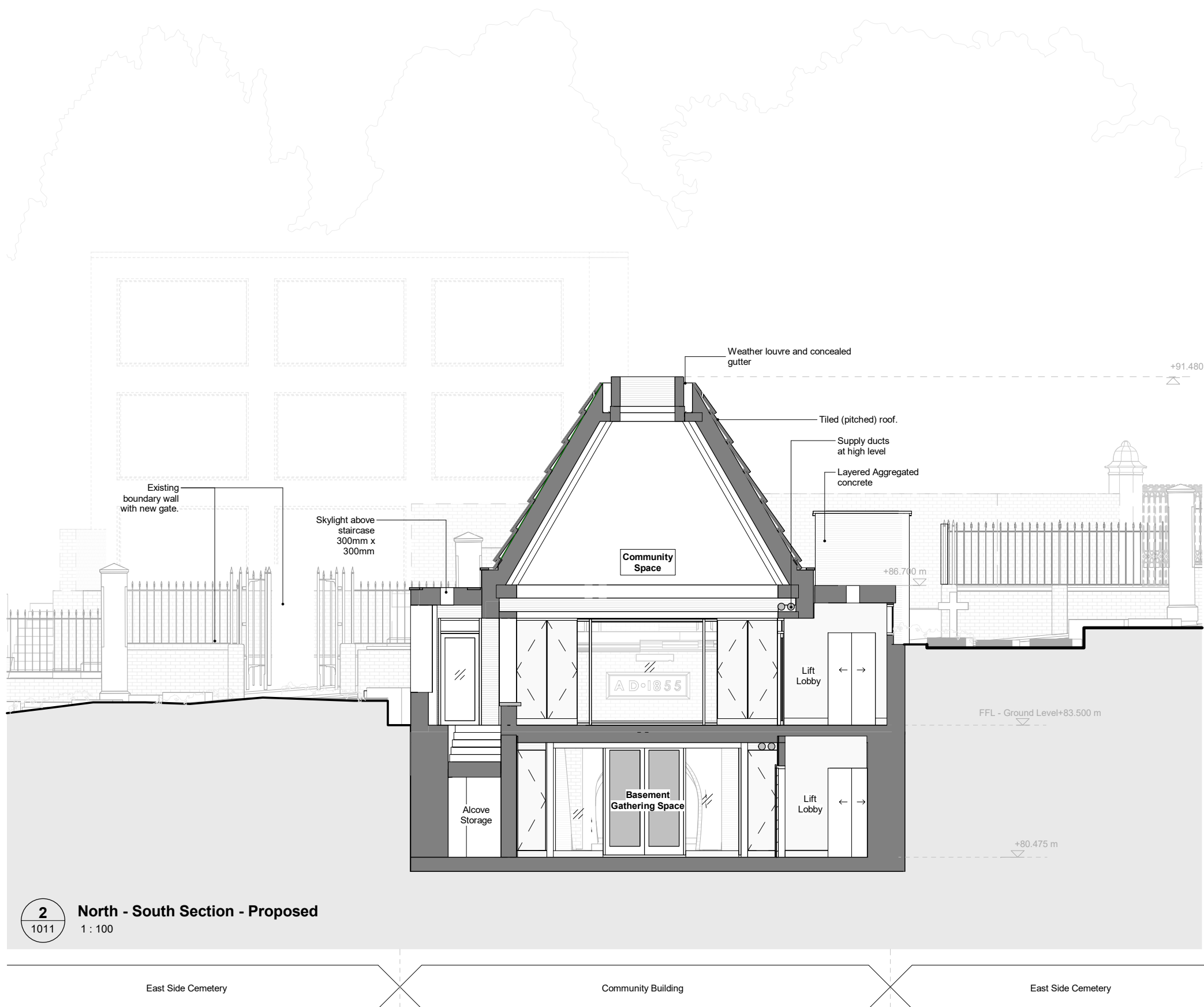
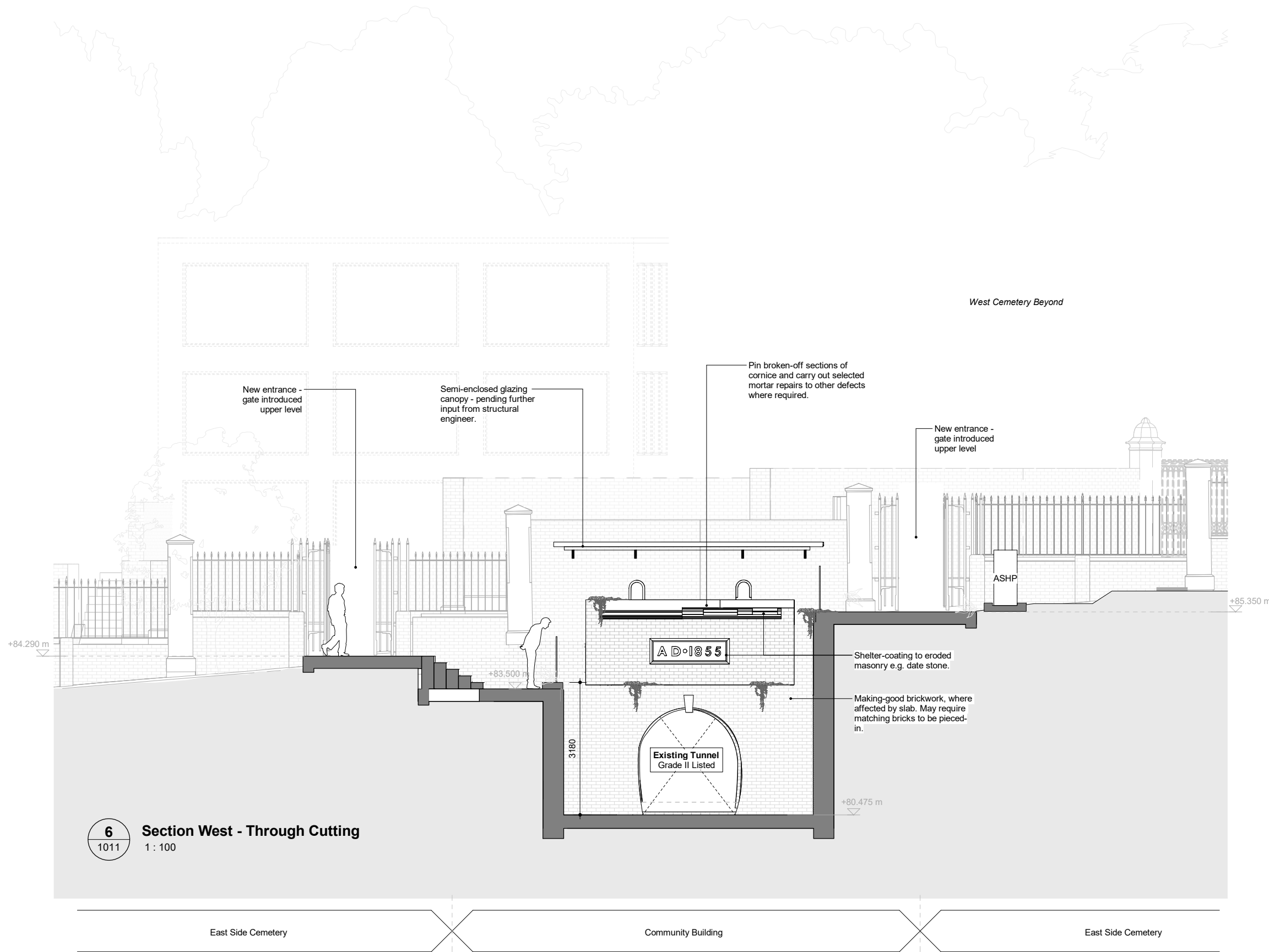
Floor Plans - 00, 01, RF

FOR PLANNING (DRAFT)

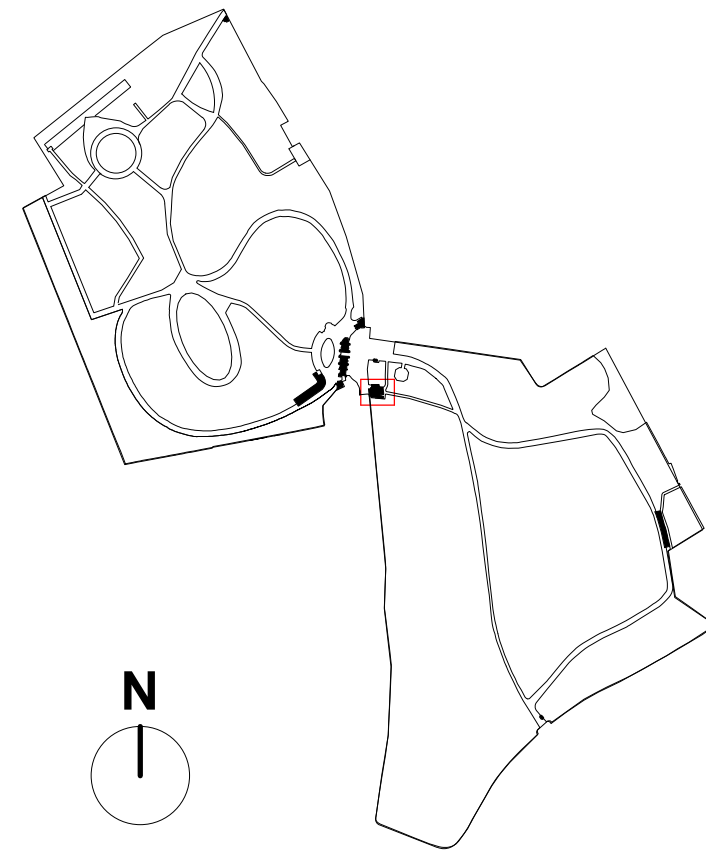
Status	Revision
Final	B01

As indicated	DRAFT	P01
Document Name		Sequence Number

Document Name	Sequence Number
HGC-HAL-CB-ZZ-DR-A-	1010



SITE LOCATION PLAN - HIGHGATE CEMETERY
SITE LOCATION PLAN - HIGHGATE CEMETERY



General Notes:

- G1 All Levels are above ordnance datum
G2 Existing and Proposed Landscaping shown indicatively; refer to Landscape report for further details

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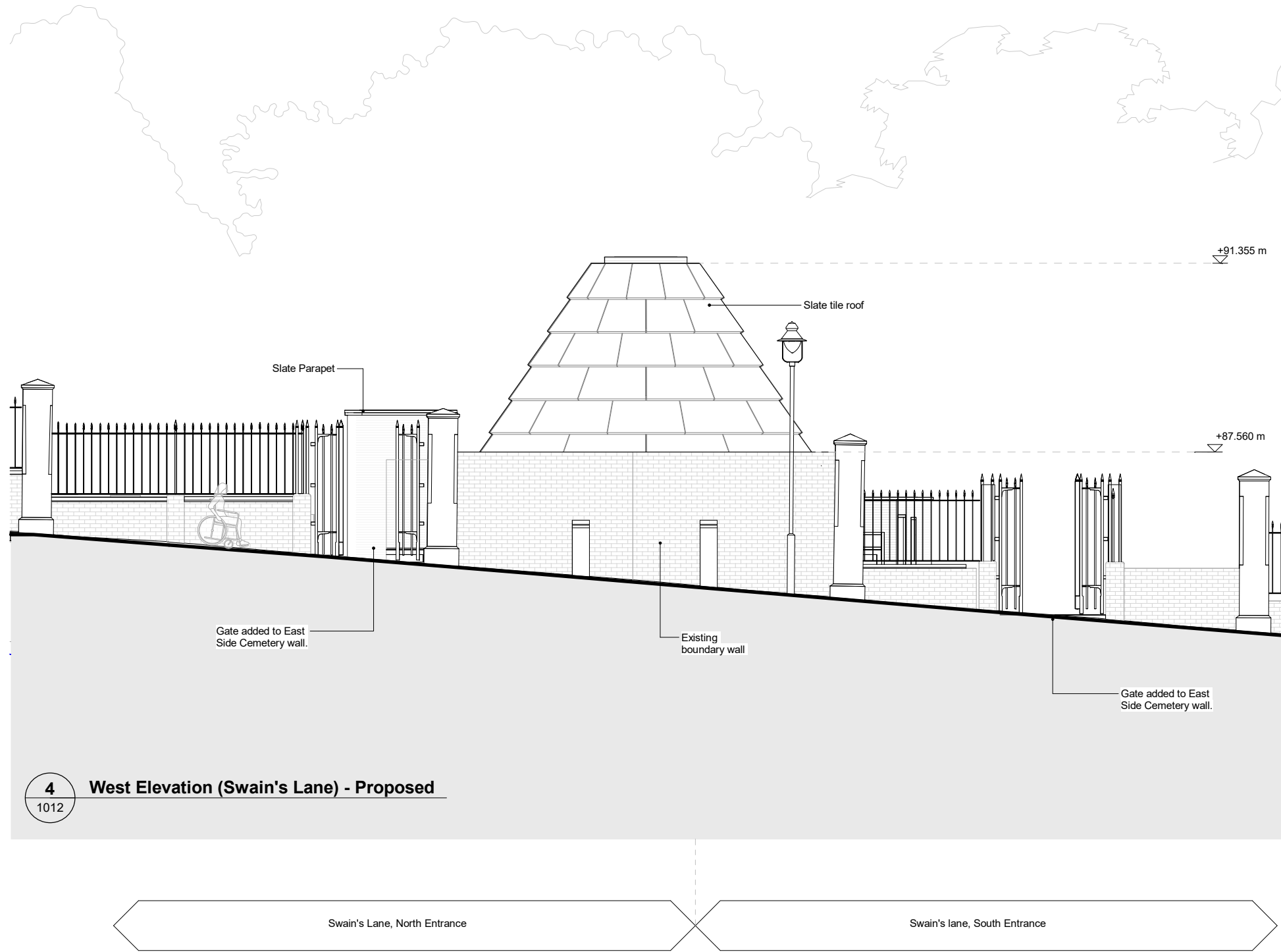
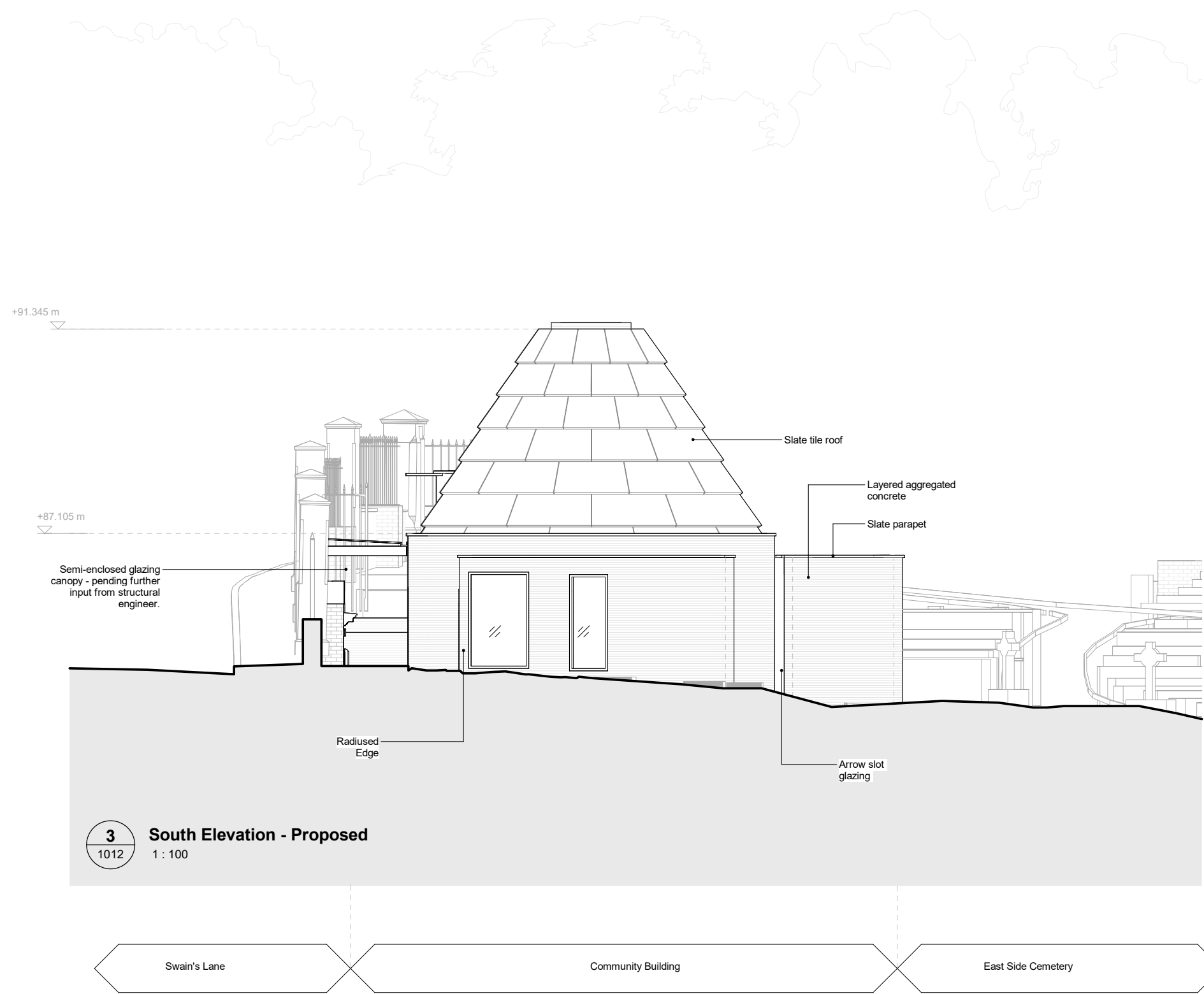
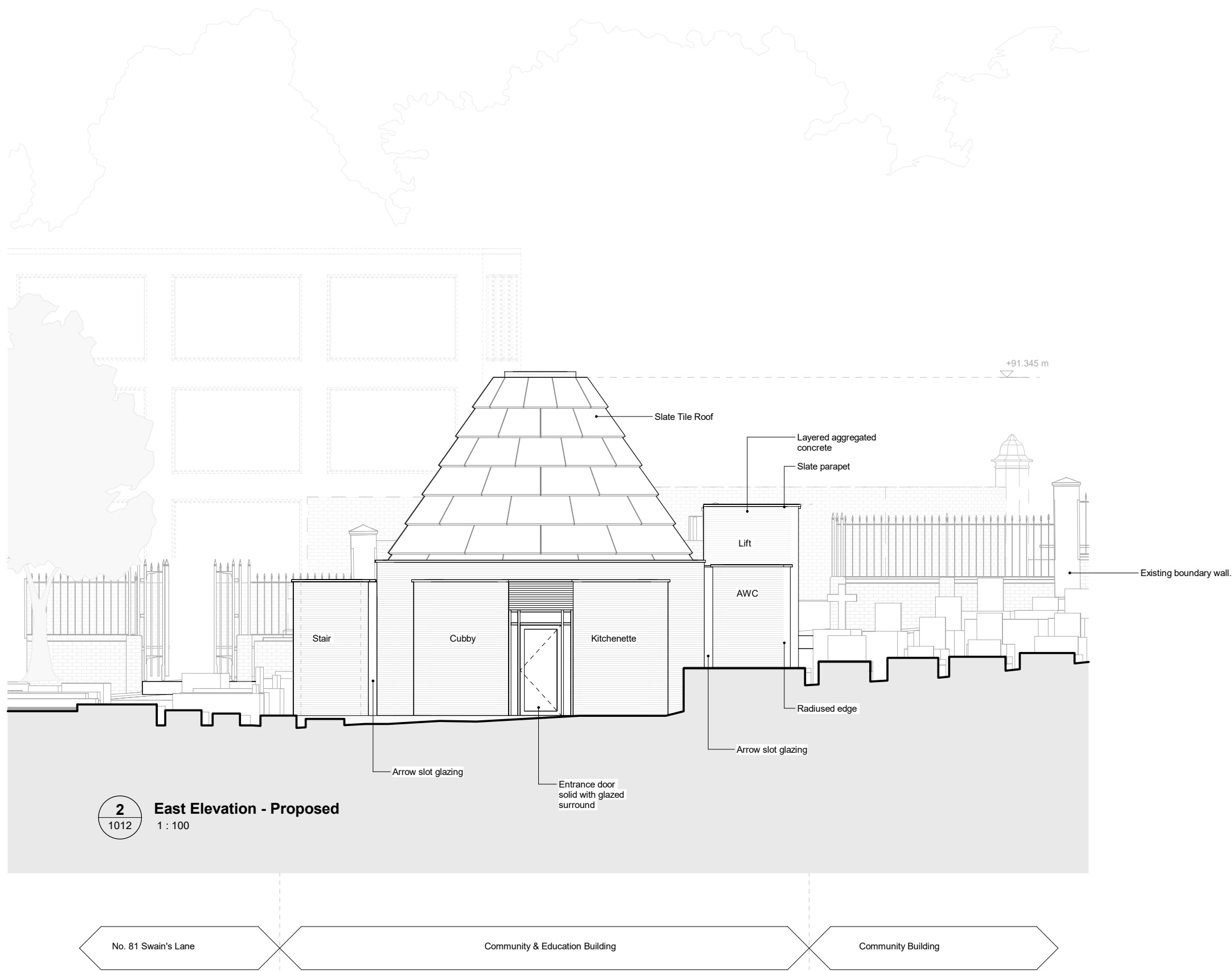
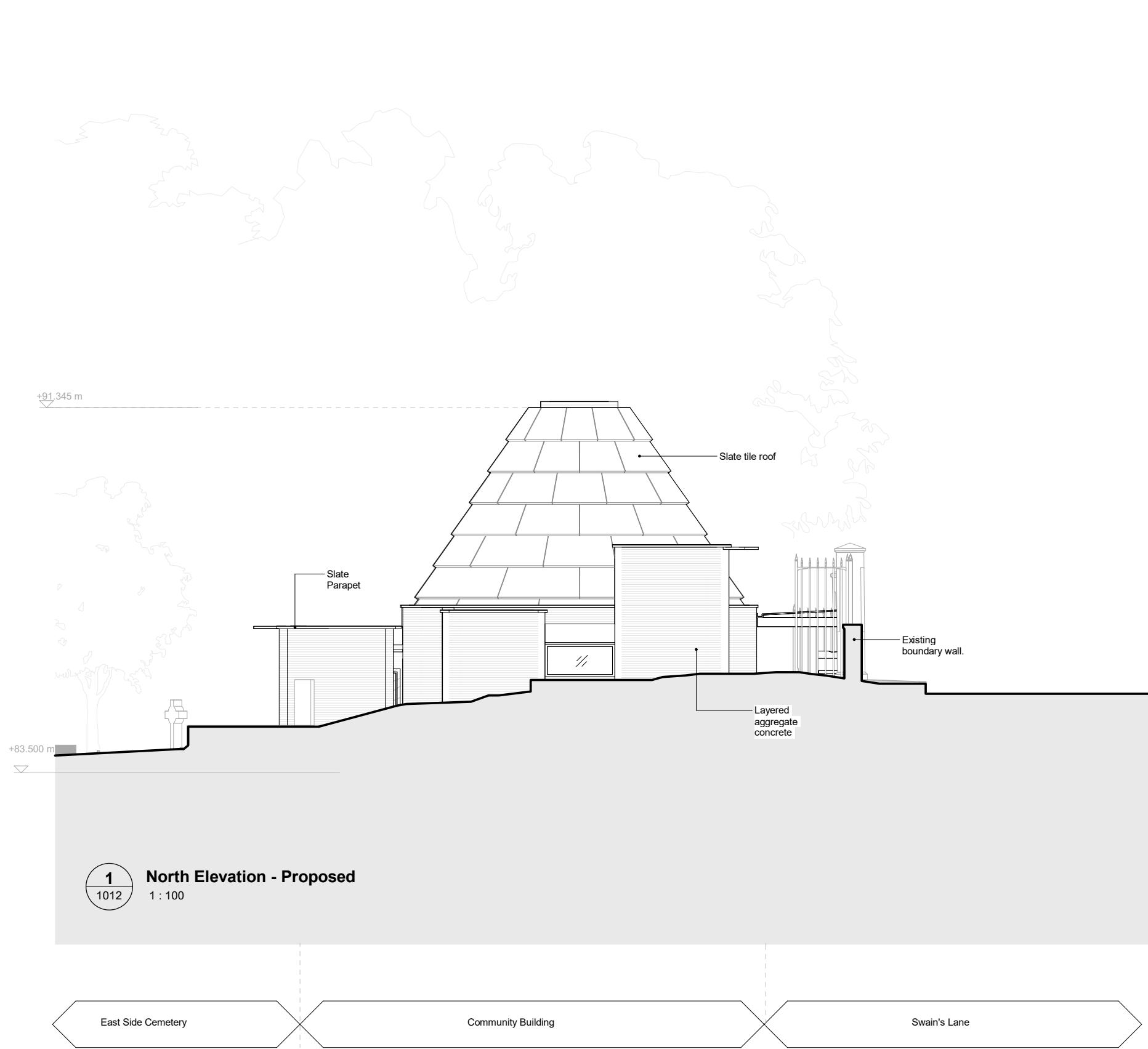
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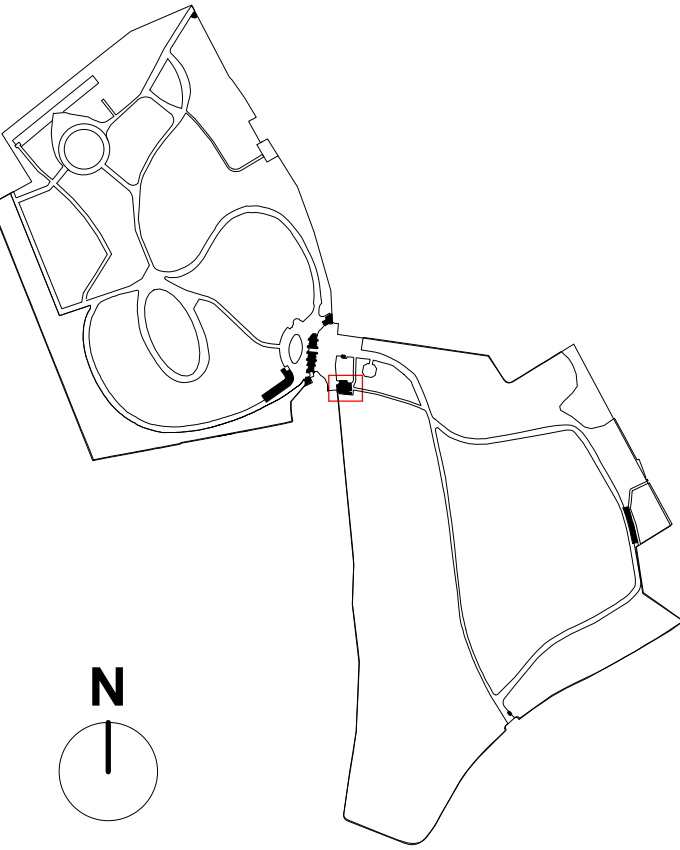
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Project	Highgate Cemetery	HAL Code	HGC
Subject	Project 1 - Community & Education Building Sections		
Status Description	FOR PLANNING (DRAFT)		
1 : 100	Status DRAFT	Revision P01	
Document Name HGC-HAL-CB-ZZ-DR-A-	Sequence Number 1011		



SITE LOCATION PLAN - HIGHGATE CEMETERY



General Notes:

- G1 All Levels are above ordnance datum
- G2 Existing and Proposed Landscaping shown indicatively; refer to Landscape report for further details

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0 1 2 5m

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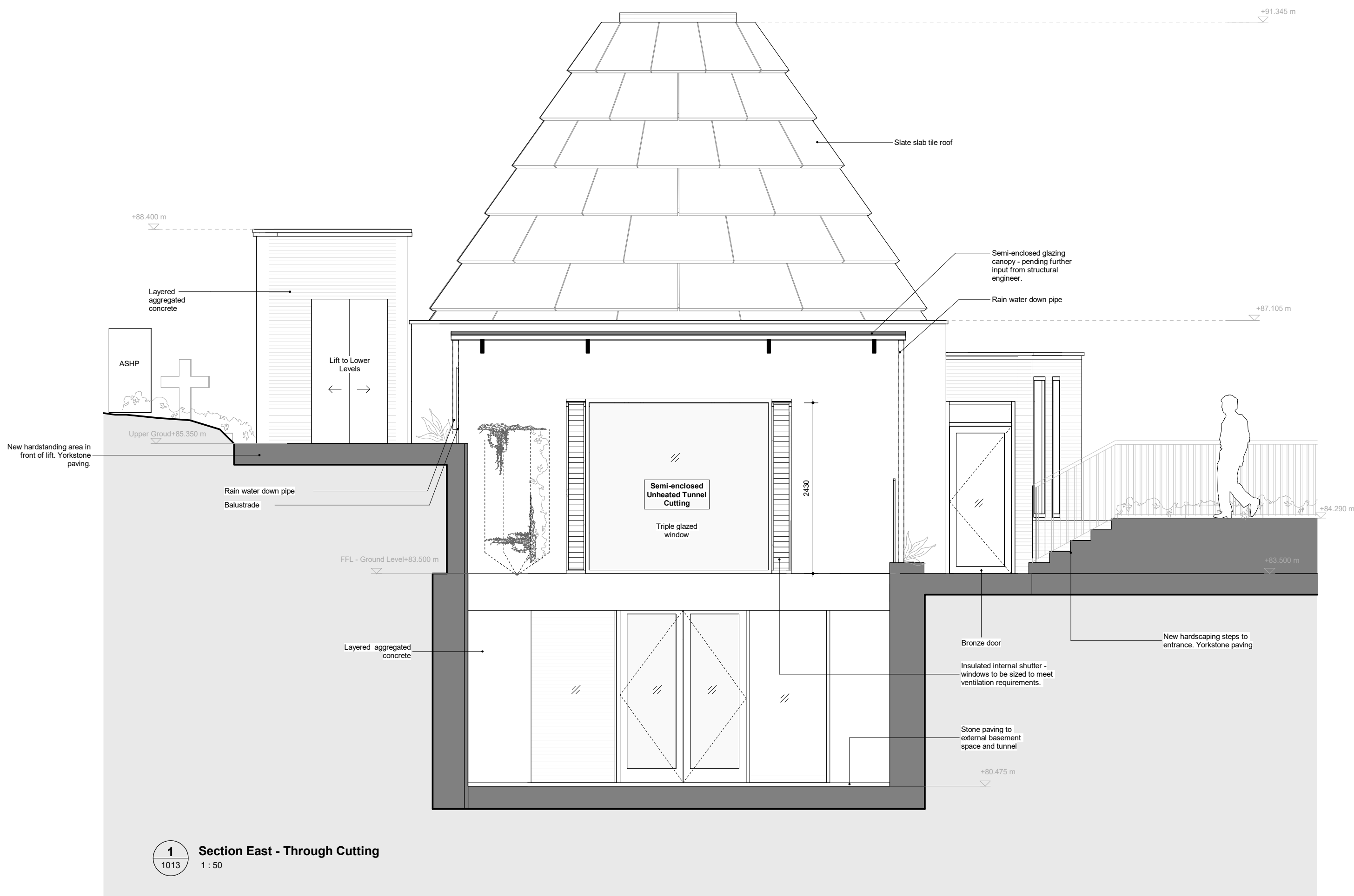
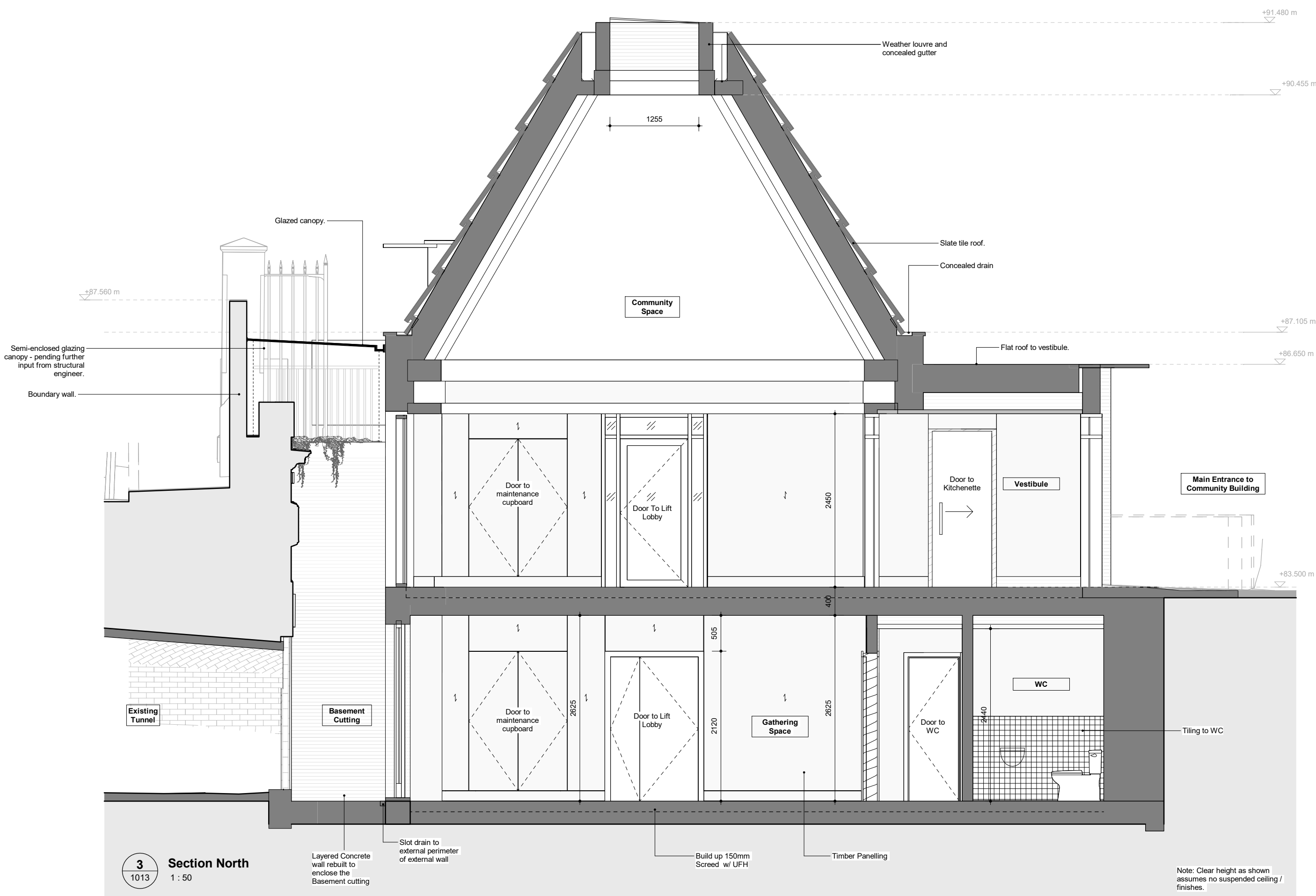
Project	Highgate Cemetery	HAL Code	HGC

Subject	Project 1 - Community & Education Building Elevations

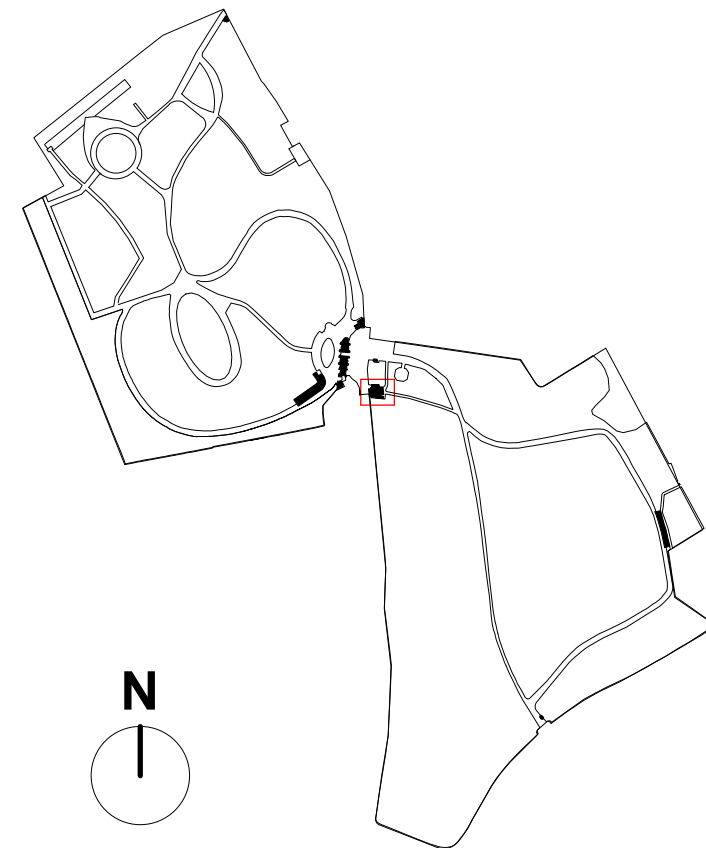
Status Description	FOR PLANNING (DRAFT)

Scale at ISO A1	Status	Revision
1 : 100	DRAFT	P01

Document Name	Sequence Number
HGC-HAL-CB-ZZ-DR-A-	1012



SITE LOCATION PLAN - HIGHGATE CEMETERY



General Notes:

- G1 All Levels are above ordnance datum
G2 Existing and Proposed Landscaping shown indicatively; refer to Landscape report for further details

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Scale at 1:50

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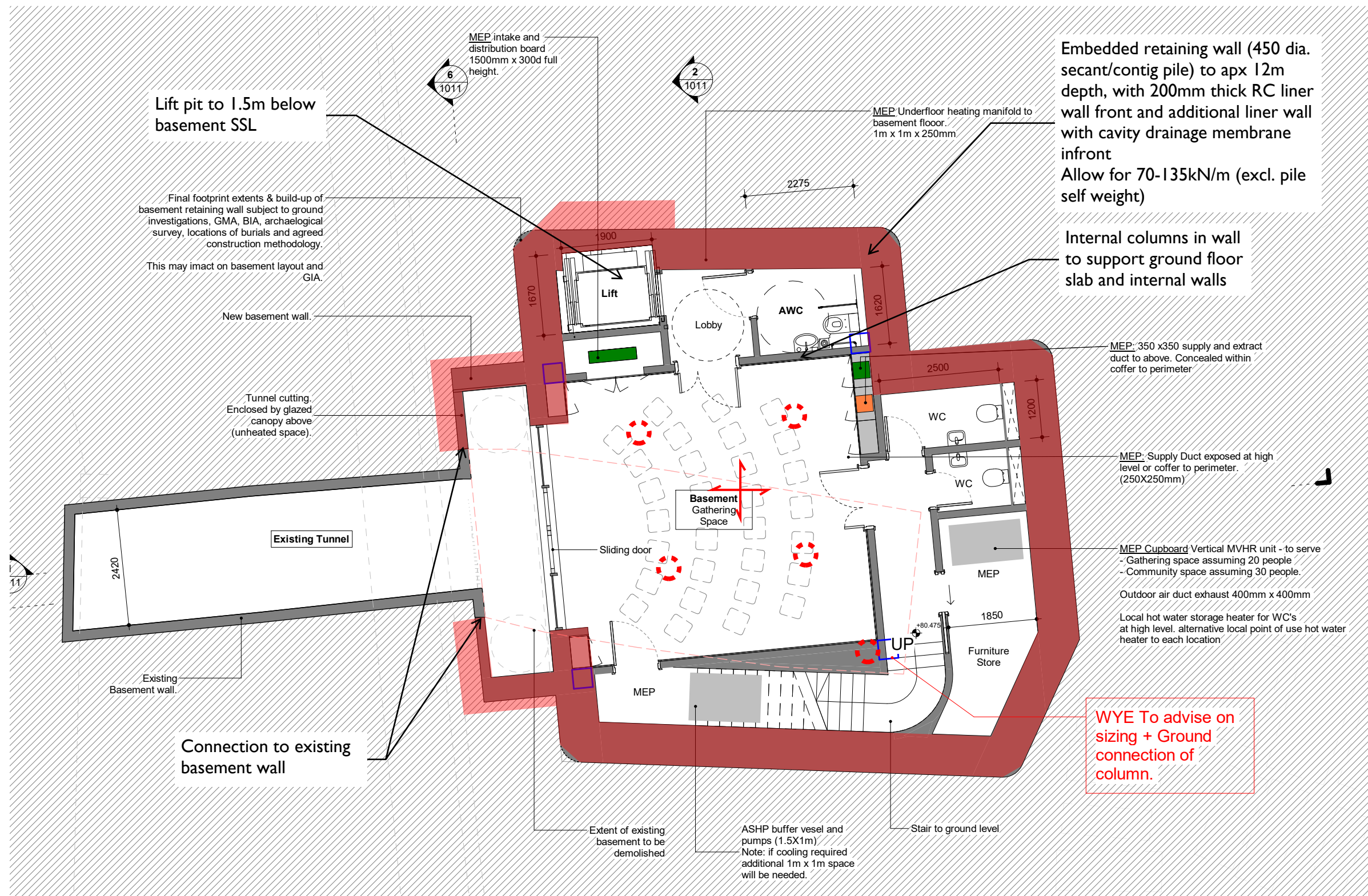
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Project	Highgate Cemetery	HAL Code	HGC
Subject	Project 1 - Community & Education Building Enlarged Section and Elevation		
Status Description	FOR PLANNING (DRAFT)		
1 : 50	Status DRAFT	Revision P01	
Document Name HGC-HAL-CB-ZZ-DR-A-	Sequence Number 1013		



Key



200mm thk RC slab - local thickening to slab u/s around internal pile head - 600x600mm x 100mm deep



450mm dia. pile to apx 10m depth, 150-250kN load (SLS)

Notes:

- 1) It is assumed that any burials or remains can be removed within the basement and basement wall construction zone
- 2) Basement retaining walls designed as propped to limit depth of piles (allow for 2x depth of basement - subject to SI)
- 3) Allow for tolerance zone for contig pile installation of 150mm

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Drawing No.
J4565-S-SK-0037

Project
Highgate Cemetery

Status
S3

Drawing Title
PI - Substructure loads - East Side Education and Community Building

Date
11.10.24

Drawn by
RM

Scale
NTS

Revision
00



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